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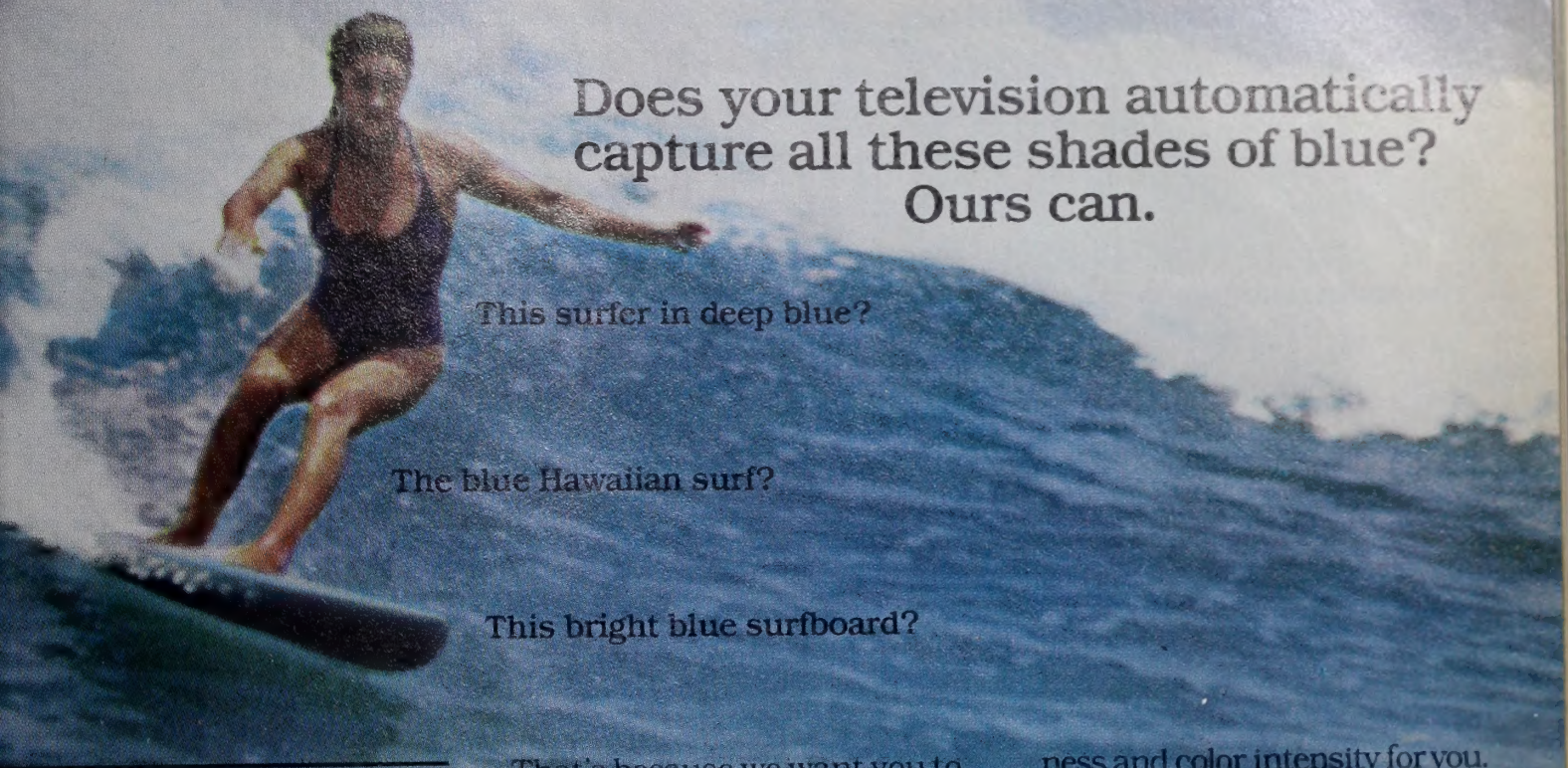

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[illegible] Automatic Color Control electronically monitors and adjusts all colors to keep them consistent from [illegible]am to program, channel [illegible]annel. If the President [illegible]esses the nation while [illegible]ring a dark blue suit on [illegible]nnel 4, you shouldn't see [illegible]ht blue suit on channel 7 [illegible] greyish blue on channel 2.

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How often you need to add oil varies according to the age of your car, as well as how and where you drive. For example, new cars (those that have been driven less than 4,000 miles) may consume a little more oil until parts are broken in. Driving at high speeds, particularly in very hot weather, can also consume more oil. To be on the safe side, check the oil level every other time you get gas.

When you need oil, be sure to buy oil marked with the letters "SE." "SE" oil meets quality standards required by a GM engine: it has just the right mixture of base oil and additives.

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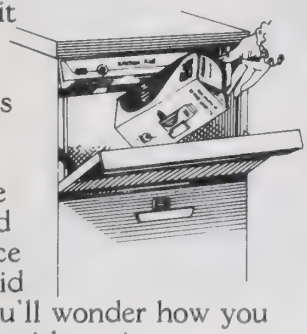

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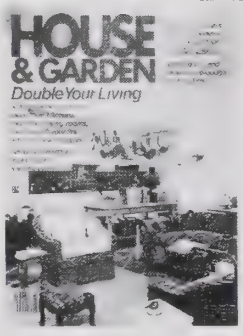
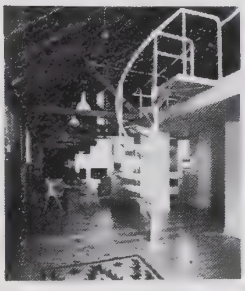
VOL. 152, No. 1

Incorporating LIVING for young homemakers

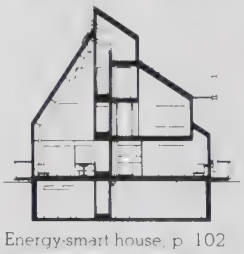


On our cover, p. 10

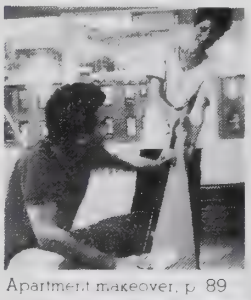


Barn for living, p. 79

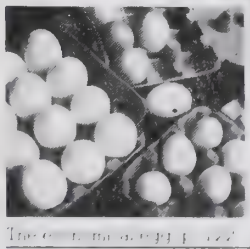
Garden chintzes, p. 107



Energy-smart house, p. 102



Apartment makeover, p. 89



DECORATING, BUILDING, ARCHITECTURE

34 House craft. By Deanne Raffel
76 A wide-open country kitchen for sharing all the good things
79 Two barns married to create nonstop space
83 You can't feel stuck in the kitchen
87 He was short on space but long on big ideas
89 Life in a shoe box
93 A great room for great American art
96 Big bold plants are the answer for the backyard too small for halfway measures
103 Here comes the sun house
107 Flowers by the yard
110 Bedroom bower on a budget—the secret is sheets!
112 Multi-level excitement

ANTIQUES

24 Questions & Answers: Antiques. By Louise Ade Boger

FEATURES

12 Living. Edited by Paula Rice Jackson
38 Sights, sounds, and space-age housekeeping: Stereo for the open road. By David Lachenbruch
44 What the space age has done for you. By Lillian Levy
48 Auction action: Look carefully at those toys in the attic: By David N. Redden
71 Ingenious ideas: Bathroom fix-ups
75 The get-it-together decade *(Editorial)*
98 Energy update answers!
138 The kitchen page. Edited by Barbara Portsch
145 Living with pets: Doggie, it's cold outside! By Patricia Curtis

WINE & FOOD

116 Meal in minutes
119 Cooking with wit and imagination
120 Impromptu cooking with Gennady Smakov
122 Superstar of the protein world—the economical egg
124 Good spirits: The life of the party

GARDENING

60 Plants around the house: How often should I water my plants? By Richard Langer
96 Big bold plants are the answer for the backyard too small for halfway measures
184 Gardener's notes: Edging into the 80s—and growing. By James Fanning

BEAUTY AND HEALTH

30 Looking good, feeling fit: An interview with Estée Lauder. By Paula Rice Jackson
33 Beauty and health products new this month in the stores

TRAVEL

52 Going places, finding things. Edited by Nancy Richardson. A family resort in Florida; Ski-touring in Yellowstone, by Frances Phillips; A learn-to-sail holiday; Craft buys in Vermont, by Dee Hardie

READER'S SERVICE

45 Dear House & Garden. By Margaret Morse
141 Shopping information
148 Shopping around with Audrey Nichols
175 Building facts
185 Best in booklets

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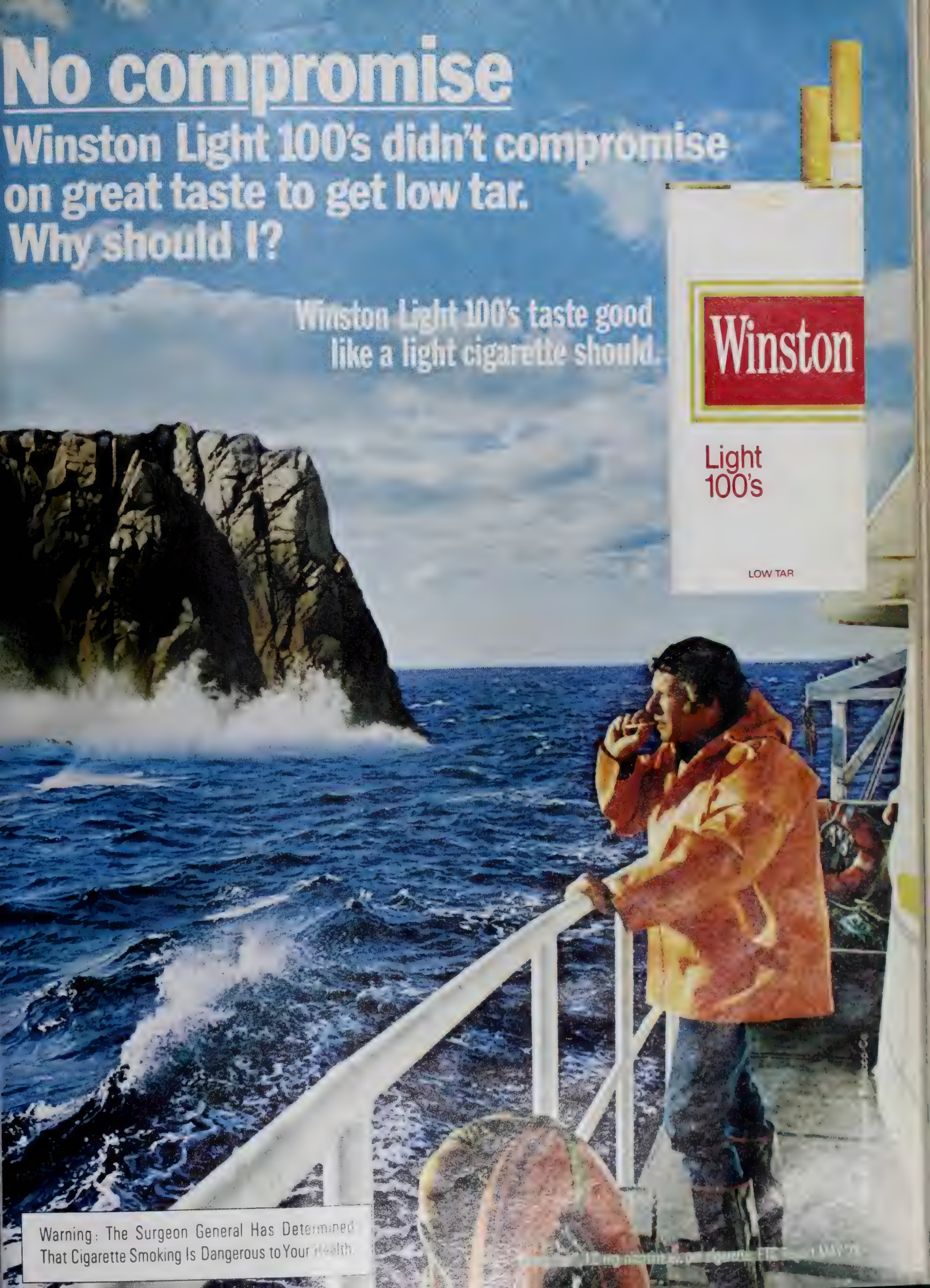
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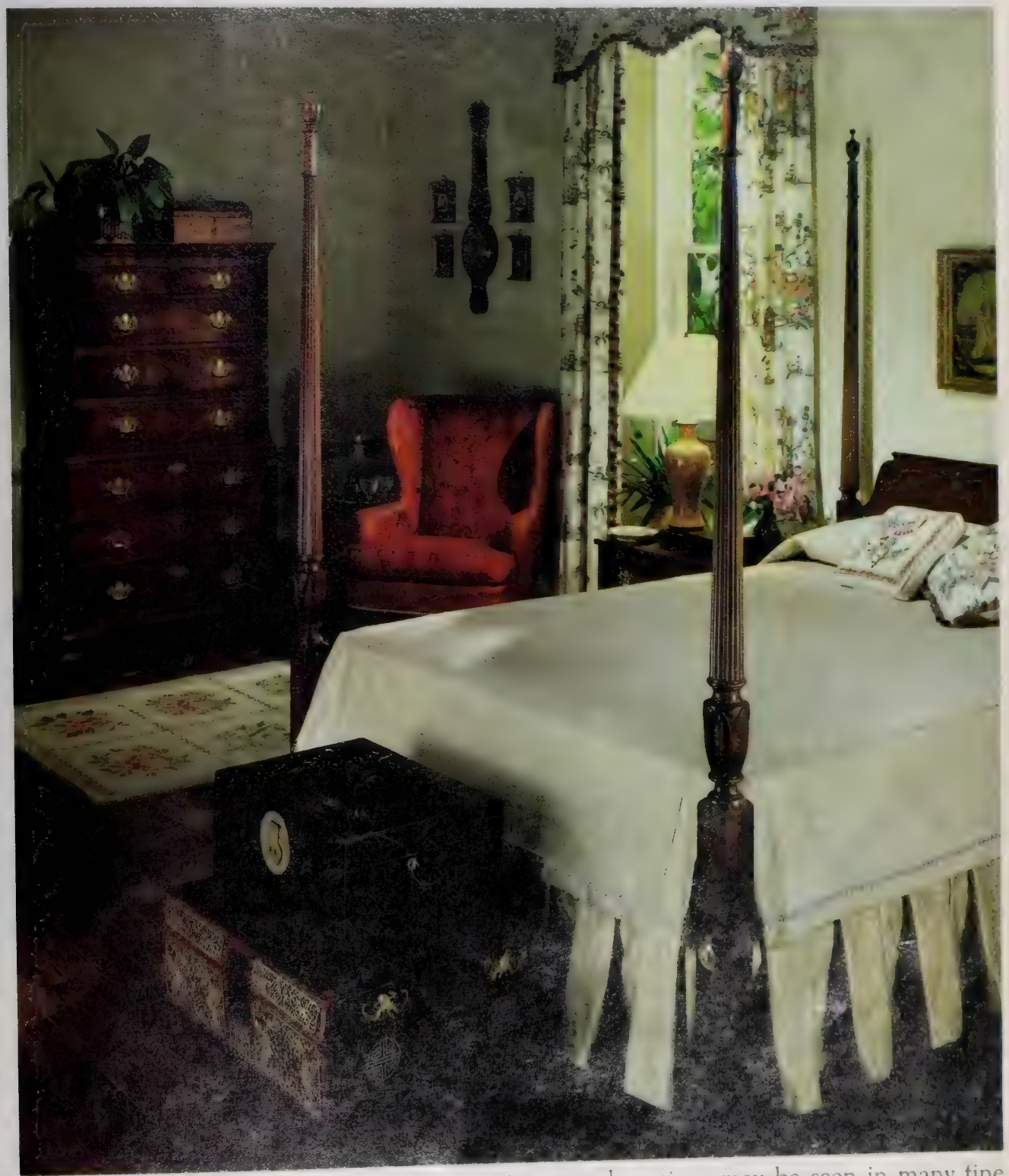

During the middle of the 18th Century in England, cabinetmakers such as Thomas Chippendale and George Hepplewhite began to shape fine mahogany solids and veneers into classical forms. This four poster bed with slender posts, fluted and with a vase shaped lower portion carved with classic leaf ornamentation, is typical. The delicate frieze at the top of the chest-on-chest is a distinctive design element on a number of pieces in the Baker 18th Century Mahogany Collection. Other Baker collections may be seen in many fine stores throughout the country.

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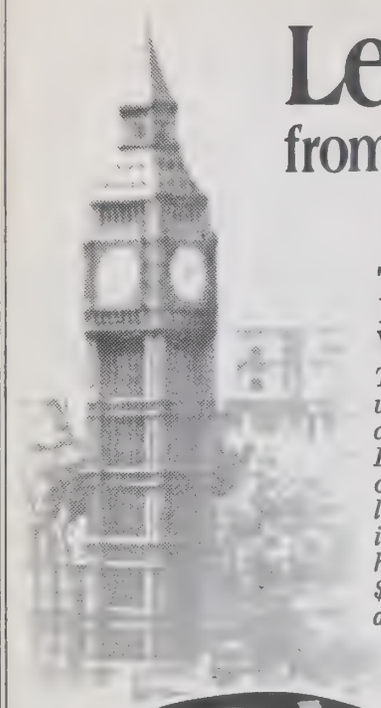

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JANUARY 1980

HOUSE & GARDEN

RUSSELL MACMASTERS

On the cover: Make yourself at home, that's what this room seems to say. It's where cooking, eating, reading, relaxing, entertaining, and sometimes even gardening take place. It's a way of enjoying the different things you like to do together. And it's also easy to manage. Areas are separated but interact graciously. Meals are often served—and savored—on low bamboo tables to guests sitting crosslegged on the sisal mat. Big comfortable couch—with a low back so you can see over it—and richly cushioned wicker chairs make up the seating arrangement. Their colors—white and navy with white—tie them together and just seem to go naturally with the earthen tiles, bright salmon geraniums in huge terra-cotta tubs, glowing copper pans, and creamy pink ceiling. Magazines and favorite books pile up neatly on antique table stripped to expose wood. Crystal lamps were designed by Bob Steffy. French jardinière is filled with baby zinnias. Owner Bruno Broseghini, who worked with designer Michael Musalek on the room, says, "Things don't have to match. The room is decorated but never stiff. That's the way I like it." Large work table in kitchen area, topped with long slab of butcher block, looks onto living area, so someone taking it easy on the couch can offer tips to kitchen helpers. Everything cooks need is right at hand: table holds cookbooks, pots, and utensils; copper pans hang handily from rack above. The sink area is lined with handmade, handpainted terra-cotta tiles from Mexico installed by Mr. Broseghini and friends. Counter is oak, water-sealed with polyurethane. All around this room of many uses, the walls are uniform glossy white board-and-batten wood panels. Five sets of French doors open onto spectacular surroundings: clusters of fruit trees, a small vineyard, a vista of the Santa Cruz Mountains and the Pacific Ocean.

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LIVING

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A skyscraper of old takes on a new role

What happens in cities today when commercial buildings—offices, theatres, stores—no longer fulfill their original function? They're probably changed, either in appearance or how they're used.

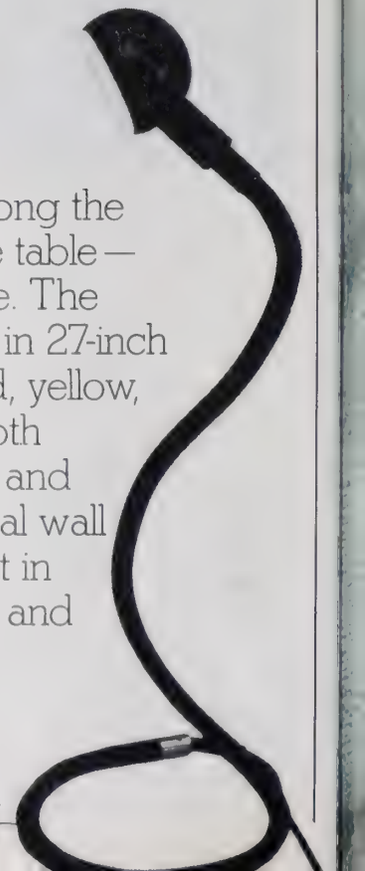
Such a revitalization has been undertaken in New York City's financial district by restoration architect Joseph Pell Lombardi. Liberty Tower, a Gothic-style skyscraper built in 1909, has been converted from a commercial office building to residential cooperative apartments. "The project was based on the architectural merits of the building," says Mr. Lombardi, who has worked on a variety of restorations including the Octagon House in Irvington-on-Hudson, N.Y. "Liberty Tower is one of the tallest buildings to be converted in this manner—a 33-story 'terra-cotta tower.' Its architectural merit was actually a hindrance to its commercial use—small floors with many windows and solid walls—these work better in residential than in commercial spaces."

The floors have been separated into two, three, and four apartments per floor, ranging from 750 to 4,300 square feet. There are also duplexes, triplexes, and full floors available. Each apartment consists of "raw" space; that is, open floor that can be designed in any fashion. "We like the idea of each individual designing his own space," says Mr. Lombardi. To help people get an idea of just how the space can be used, Conran's has designed model rooms in Liberty Tower to display their "Housepack," a new concept in decorating (see page 16).

"This kind of conversion is just another example of the revitalization of downtown areas," says Mr. Lombardi. "More and more we're facing the question of what to do with older buildings—and the bigger buildings are also getting older. The question has become 'what do we do with them?' While the Liberty Tower project has its background in loft conversions that began years ago, it's really the first of its kind."

The last stand

It's a music stand and a real beauty. Of kiln-dried cherry heartwood that polishes up to a lovely gleaming blond, the stand adjusts to 47 inches high and the angle of the rack tilts to any degree. This simple, elegant piece won The Design Award from the National Association of Furniture Manufacturers and was made by artist and craftsman Peter Korn. Our concert violinist is Miriam Burnes, a graduate of the Mannes School of music in New York City and a freelance orchestra musician. The music stand weighs about four pounds, costs $120 plus a $5 shipping charge, and may be ordered from Peter Korn, Box 475, Wainscott, N.Y. 11975.



They can be twisted and turned, appear to move along the wall or be slithering on the table—providing light all the while. The "Hebi" snake lamps come in 27-inch and 54-inch lengths, in red, yellow, white, brown, or green. Both come with a 40-watt bulb, and the 27-inch lamp has special wall and desk clamps to keep it in place. The lamps cost $59 and $69 each and are available through George Kovacs Lighting, 831 Madison Ave., New York, N.Y. 10021

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Live the legend.
LENOX CHINA&CRYSTAL

LIVING

Wall-to-wall art

For a canvas, she's chosen walls; for a palette, the colors of your room; for pattern—ah, that's where the art comes in. Handpainting walls is a new turn artist and textile designer Tania Vartan's work is taking. "It's art, of course, but in pulling the elements of the room together, the room ends up being the masterpiece," she says. If your lackluster wall has been staring you in the eye, write to Miss Vartan at 970 Park Ave., New York, N.Y. 10028, or telephone (212) 744-6710.

The house that love built

By early 1980, 16 will be a very lucky number. Sixteen represents the number of houses throughout the country that are involved in a marvelous project currently called The Ronald McDonald House. Not hotels or motels, nor medical-treatment facilities, these houses have been established as places where the families or parents of children undergoing diagnosis or treatment for cancer, leukemia, or other serious illness may stay and rest. The owners of McDonald's in the local communities are instrumental in getting these houses started—after that, the communities in which the houses function take over the nonprofit organization. In most cases the houses are located within short distance of the children's hospitals, facilitating the back-and-forth between hospital and home. Houses are running in Philadelphia, Denver, Chicago, New York, Palo Alto, Atlanta, Boston, Pittsburgh, Minneapolis, Detroit, Cleveland, and Birmingham.

Rooms to order

Imagine walking into a store and buying one huge box with all the furnishings for your living room, bedroom, or kitchen. That's exactly what Conran's has in mind with the "Housepack." It started at the English store, Habitat, with a preselected group of furniture that can be shipped anywhere, all at once. Conran's, though, will let you choose just what you need. Suggested Housepacks include a dining room, living room, child's bedroom, master bedroom, and kitchen, *above*. 10 Cedar St., New Rochelle, N.Y. 10801.

Coltsfoot

One of my strongest childhood memories is seeing the fields of Sweden covered with brilliant yellow coltsfoot in spring. A rampant weed, coltsfoot was also the herbal medicine par excellence in days of yore. Its botanical name, Tussilago Farfara, means "cough dispeller," and the plant's efficacy was so renowned it became a symbol for herbal medicine. A picture of coltsfoot on the door indicated an apothecary.

You may still find coltsfoot in the fields, as early as the skunk cabbage blooms. But growing it as a potted herb may be easier. Use a deep pot with rich soil and good drainage. Water well, but don't worry about fertilizing until the third or fourth year. What the plant does like, however, is good light. Give it plenty of that.

One intriguing aspect of coltsfoot is its habit of flowering first and then growing into a plant. The spreading white subsurface roots send up scale-covered asparagus-like flower stalks as early as February. The flowers develop into blossoms similar to those of the dandelion, a relative of coltsfoot.

After the flowers come the leaves, supposedly resembling a colt's imprint. Because of their tardy appearance, many ancient herbalists considered the leaves to be an entirely different plant. No matter—both the flowers and the leaves are used to brew tea.

Fresh coltsfoot can be used to make cough drops. Cover a cupful of leaves with a pint of water. Boil slowly until half the liquid evaporates, strain out the remaining leaves. Add two cups sugar, boil until the syrup forms a hard ball when dropped into cold water. Drop small balls onto a cookie sheet to cool, and roll them in confectioners sugar.

Coltsfoot is available through Logee's, Danielson, Conn. 06239. Catalogue $2.

RICHARD LANGER

Sounds like a good ide

When is a lamp not a lamp? When it is wired to your ste reo system as a speaker. It can be done. One hundred years after the invention of the light bulb comes the "sound bulb." It's a small speaker that looks like a light bulb and can screw int any existing lamp. By cuttin off the plug on the electrical cord, the lamp can be rewired to a stereo system. Or set up a track system for overhead sound. Designed b Marcello Cuneo, the bulbs are called "altoparlante" ("high speaker"). $32 each; track accessory, $28. Art et Industrie, 464 West Broadway, New York, N.Y. 10012

DISCOVER MYERS'S RUM
THE TREASURE OF THE CARIBBEAN

THE FIRST COLLECTION OF LUXURY RUMS

PLATINUM WHITE
Light and luxuriously smooth.
GOLDEN RICH
The lightness of White Rum, the flavor of Dark Rum.
ORIGINAL DARK
The ultimate in true rum flavor.
They all mix beautifully and enhance the flavor of all your favorite rum drinks.

The First Collection of Luxury Rums. Platinum White, Golden Rich, Original Dark.

PLATINUM WHITE AND GOLDEN RICH PRODUCED IN PUERTO RICO. ORIGINAL DARK IMPORTED AND BOTTLED BY MYERS'S RUM CO.

LIVING

EVENTS What's showing and where

The Cleveland Museum of Art: "Transformations in Modern Architecture," Dec. 19 - Jan. 27. 18 years of architecture. Cleveland, Ohio.
Cooper-Hewitt Museum: "Tile from the Cooper-Hewitt and other collections," Jan. 29 - Mar. 30. "Furniture," Dec. 4- Feb. 3. 250 years of furniture design. New York, N.Y.
Museum of Fine Arts, Houston: "Anne Ryan: Collages and Prints." Dec. 14 - Feb. 10. Works by noted collage artist. Houston, Tex.
Modern Art Pavilion/Seattle Art Museum: "Paintings by Kenneth Callahan," Dec. 13 - Mar. 9. From collections around the country. Seattle, Wash.
National Gallery of Art: "Wonders of the Age: Masterpieces of Early Safavid Painting, 1501–1576." Dec. 16 - Mar. 2. Persian book paintings. Washington, D.C.

Picasso on paper

Decorate a room with artwork by Picasso? You can now, with new vinyl-wallcovering reproductions that are patterned after the originals. The collection, produced by Imperial Wallcoverings with the guidance of the Picasso family, includes 15 designs, among them a version of the "Dove of Hope," shown here. $20 per roll; write Imperial Wallcoverings, 23645 Mercantile Road, Cleveland, Ohio 44122.

Finnish first!

In a space as spare, clean, bright, and happy as the designs that carry the name, the store for things Marimekko has opened in New York. All the small, pretty necessaries from the great Finnish fabric house are here: the gay fabric-covered notebooks, the aprons, the umbrellas made up in Marimekko fabric, and the warm, wonderful nightshirts. And so are the big ones: there's a ceiling-high wall of fabrics-on-the-bolt and, in New York, furniture and upholstering services are available. There are also the Marimekko sheets, wall coverings, pillows, and made-to-order handloomed rag rugs. Nancy Hemenway and Pauline Dora, the store's young owners, have made the place fresh-air relaxing. They've filled it with flowers, trees, even park benches ample enough to rest on. A mail-order catalogue will be ready in mid-1980—until then find Marimekko at 7 West 56th St., New York, N.Y. 10019.

Artistic interiors

A house buried in the hillside of a Danish coastline, two window "eyes" the only man-made presence for miles around. An architect's aerie in Coldwater Canyon, Los Angeles, all steel grid and glass in a room hung over the hillside with a better view than that of the birds. In Japan, a coffee bar called The Ingot, a plinth of mirror lying on its side, reflective by day of blue and glowing at night like some translucent space creature.

These are three of 18 exquisite photoessays on the theme *Decorative Art and Modern Interiors,* the title of a new book edited by Maria Schofield. She scoured nine countries to find designs in residential living that are special, public spaces that are instructive. Architectural renderings show plan and section and the text makes the book seem like a world tour. It brims with ideas. An essay on The Window in Architecture by Patrick Reytiens is a masterpiece of history and opinion coming from one of the great teachers of the London Central School of Art and Design. *Decorative Art and Modern Interiors,* $30 (William Morrow).

A book that cares

It's living, small, forlorn, appealing, and utterly helpless. Worse yet, your child may have brought it home and is looking at you with pleading eyes. It is an orphaned baby animal—a kitten perhaps, or lamb, raccoon, or duckling—and whether or not it survives is clearly up to you. If you have ever found yourself in this position, or are likely to, you may need an engaging and practical new book called *The Complete Care of Orphaned or Abandoned Baby Animals,* by C.E. Spaulding, D.V.M., and Jackie Spaulding. It includes everything you need to know about raising infant animals and birds—pets, wildlife, farm animals, even exotic creatures such as monkeys. A gem of a book—lively, encouraging, and upbeat, with advice and anecdotes enough to enchant animal lovers from kids to sophisticates. Published by Rodale Press, Emmaus, Pa. 18049; $7.95 paperback or $10.95 hardcover.

PATRICIA CURTIS

Traditional energy-savers

Shed some new light on an old idea—oil-burning (kerosene or scented oil) brass lamps. Linda Bowen, president of A La Lampe in New York, has traveled throughout France and England to bring back six styles that are particularly distinctive. All are made by artisans using traditional designs. "I like to think of the lamps as a kind of folk art," says Ms. Bowen. "And, not only do they add a soft, romantic touch to any room, they'll help you cut down on electric bills too!" The six styles, including the Virginie, shown here, range in price from $30-$85. Available at B. Altman and Macy's, New York, or write Ms. Bowen at A La Lampe, 50 St. Marks Place, New York, N.Y. 10003.

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SEARS
UPER VALUES

Sears National Home Lighting Sale.

Save 13% to 46%* January 6-26, 1980.

You can save money now on many styles of quality lighting fixtures at Sears Lighting Boutique. Fine chandeliers, swag lamps, even utility fixtures are reduced during this great sale. Fashion fluorescents to help save on energy are on sale, too. Find values like the ones pictured here, available now at most Sears retail stores. Prices and dates may vary in Alaska and Hawaii.

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Sears

WHERE AMERICA SHOPS FOR VALUE.

*These are the maximum savings nationally. Regular prices vary in some markets.

Experience new

Actual taste, at only 5 mg. tar.
Truly, a remarkable experience.

Kent III 100's.

Warning: The Surgeon General Has Determined That Cigarette Smoking Is Dangerous to Your Health.

5 mg. "tar," 0.6 mg. nicotine av. per cigarette by FTC Method

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There may never be a better time to buy a Singer* sewing machine. Because we've done something highly irregular to our regular prices.

In a time when the price of almost everything has gone up, and some prices have skyrocketed, Singer has managed to lower prices on six of our machines. As much as $250.

WE'VE LOWERED PRICES ON THESE MACHINES.		
TOUCH-TRONIC* 2001 MEMORY MACHINE	$99	LESS THAN 1978
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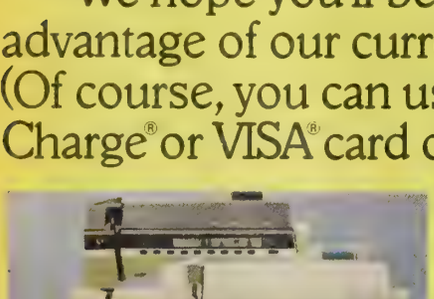
CREATIVE TOUCH FASHION* MACHINE 1030†	$200	LESS THAN 1978
STYLIST* MACHINE 834†	$55	LESS THAN 1978
STYLIST MACHINE 533	$40	LESS THAN 1978
STYLIST MACHINE 543	$30	LESS THAN 1978

Reductions based on prices in October, 1978, vs. January, 1980, in Singer stores. Comparisons may vary at dealers. † Reductions for 1030 and 834 based on prices for comparable machines.

WE CANNOT GUARANTEE THESE PRICES BEYOND FEBRUARY 1, 1980.

We hope you'll be able to take advantage of our current low prices. (Of course, you can use your Master Charge® or VISA® card or Singer charge account.)



TOUCH-TRONIC 2000-2001 MEMORY MACHINES.

Because, with the cost of clothing as high as it is, it's our feeling that you're going to want to sew more and more of your own clothes. And save as much as half or more off the price of ready-made clothes. There's every reason why you should do that sewing with Singer.

100 MILLION PEOPLE SEW EASIER WITH SINGER.

We made sewing easier for them and we'll make it easier for you, too.

The best way to find out how easy Singer can make sewing is to hurry to Singer and see for yourself.

If you've already got a sewing machine, bring it in. We'll give you a trade-in allowance for it.

You may have thought it was impossible for any company to roll back prices in an era like this one. But it wasn't. It just took Singer to do it.

THE SINGER STORE

WHERE SAVING IS ALWAYS IN STYLE.

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Boxes shown smaller than actual size. Clockwise, from far left: "Austrian Gold," Rosa Mundi, "Austrian Copper," Rose d'Amour, "Empress Josephine," Multiflora Carnea.

The Empress Josephine's Rose Garden

MINIATURE PORCELAIN BOX COLLECTION

A limited edition issue of the French National Horticultural Society

've exquisite miniature boxes
ne Limoges porcelain,
ornamented with a different rose,
each decorated in 24 karat gold.

ance subscriptions must be
narked by January 31, 1980.

ner chateau not far from Paris, oleon's Empress Josephine created nost remarkable rose garden of all . Loving beauty, she collected every ety of rose then known—making garden one of the wonders of the d.

honor that achievement, the ch National Horticultural Society issue a unique collection of twelve elain boxes, decorated with twelve er most beautiful roses. The cover ach box portrays a different rose. le appears a tiny bud of the *same* rose. Authentic in detail, yet imbued with a poetic lyricism to enrich any room, any home. And each box will bear its own individual border decoration, in pure 24 karat gold. Indeed, even the *shape* of each box is different. Yet together all are in perfect harmony—just like a garden of perfect roses.

Were you to see such a collection in the home of a friend, you might think it had taken years to assemble. But *none* of these boxes will be issued singly. They may be obtained *only* as a collection. In keeping with tradition, moreover, these special porcelain issues are available in this one year only. Here in the U.S., Franklin Porcelain has been appointed sole agent for subscriptions. But considerable time is needed to create each box. So, to receive your first one as soon as possible, you must return the advance subscription form at right postmarked by January 31, 1980.

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ADVANCE SUBSCRIPTION FORM

The Empress Josephine's Rose Garden
MINIATURE PORCELAIN BOX COLLECTION

Limit: One collection per subscriber
Must be postmarked by January 31, 1980
Limited edition

Franklin Porcelain
Franklin Center, Pennsylvania 19091

I wish to subscribe to this collection of twelve miniature porcelain boxes decorated in pure 24 karat gold, at the price of $25. each. I shall also receive a Certificate of Authenticity and special reference material.

I need send no payment now. The boxes will be shipped at the rate of one every *other* month. I will be billed for each box in two equal monthly installments of $12.50.*

*Plus my state sales tax

Signature _____

Name _____

Address _____

City _____

State, Zip _____

ANTIQUES
QUESTIONS & ANSWERS

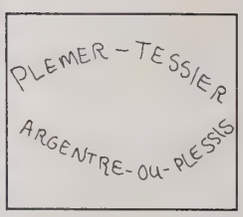
BY LOUISE ADE BOGER

Lafayette pitcher

Q. Can you tell me why my pitcher has pictures of Lafayette on it and when it was made?
C.D.B.—Oklahoma City, Okla.

A.. Your copper luster pitcher, which depicts Lafayette Crowned at Yorktown and, on the reverse, the Surrender of Cornwallis at Yorktown, is one of the most interesting of the historical pitchers honoring heroes of the early days of our republic. The occasion was Lafayette's visit to the U.S. in 1824-1825 and, in particular, an important celebration when he was crowned with a laurel wreath during his visit to Yorktown in 1824.

French wall clock



Q. From the picture and the mark I've copied, can you trace the origin of this clock and tell about when it was made? L.J.M.—San Angelo, Tex.

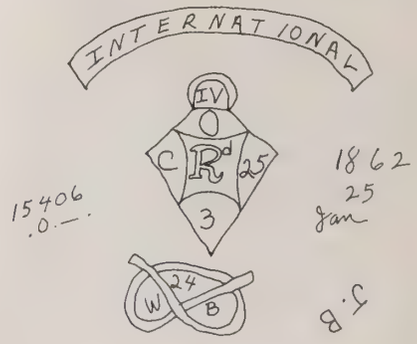
A. The boldly scrolled outline of your French wall clock shows the influence of the Revived Baroque style. It was probably made about the 1880s. Plemer-Tessier is the seller rather than the maker. Argentre-du-Plessis, a town of northwestern France, in the department of Ille-et-Vilaine, is 18 miles west of Laval.

Oil drip plate

Q. I wonder if you have any idea what my small Japanese dish was used for. L.K.—Cleveland, Ohio

A. Your unusually shallow, crude pottery dish was used under the traditional Japanese lamp or *andon* to catch dripping oil. These plates, or *abura-zara*, distinguished by a rim to confine dripping oil, are a product of the town of Seto, not far from Nagoya in central Japan. They first came into use during the Ashikage period (1333-1573). However, they were not developed artistically until late in the Edo period (1615-1868). With the introduction of modern lamps in the Meiji period (1868-1912) they ceased to be made. Their simple brushwork designs are in the best folk-art or *mingei* tradition. Your plate was probably made in the early 19th century.

Staffordshire mark



Q. From the rough sketch of the mark on my pitcher, please tell me where and about when it was made.
R.V.L.—New Orleans, La.

A. According to the marks on the bottom of your pitcher, the English Staffordshire potters William Brownfield & Sons (1850-1896) registered your pattern "International" at the London Patent Office on January 25, 1862. The distinguishing initials WB are enclosed in a well-known decorative design, the "Stafford Knot," which was used by a number of Staffordshire potters.

Continued on page 29

AN ENGLISH TRADITION

The Candlestand Table

$19

A distinctive and abiding English classic that will captivate completely. Mahogany with solid brass tray pull. The candle tray extends 8". 22" high, 12" × 12" top. $19 plus $4 for handling and shipping. A charming occasional table.

& Candleholder

Our traditional candleholder of solid brass complements the table perfectly. It's base is 5-1/2" in diameter; 3" tall. $8.50 ppd.

Order by Mail: Send check or money order to P.O. Box 7, Dept. GA, Savannah, Ga. 31402. Charge to MC or BA/VISA. Please include your expiration date. Your complete satisfaction is guaranteed. Call Toll Free: 1-800-621-5559 (In Illinois Call Toll Free: 1-800-972-5855) 24 hours a day, 7 days a week.

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The spirit of the Czar lives on.

It was the time of "War and Peace." "The Nutcracker Suite." Of Tolstoy and Dostoevsky.

Yet in this age when legends lived, the Czar stood like a giant among men. He could bend an iron bar on his bare knee. Crush a silver ruble with his fist. He had a thirst for life like no other man alive.

And his drink was the toast of St. Petersburg. Genuine Vodka.

Life has changed since the days of the Czar. Yet Wolfschmidt Genuine Vodka is still made here to the same supreme standards which elevated it to special appointment to his Majesty the Czar and the Imperial Romanov Court.

Wolfschmidt Genuine Vodka. The spirit of the Czar lives on.

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Genuine Vodka

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No other sheet today is so luxurious, so silky, so sensuous. One touch and you' understand why we call it "Caress.™" A fabulous blend of no-iron 70% Celanes Fortrel polyester and 30% Combed cotton, Caress™ comes in a unique rainbow assortment of rich solids trimmed with a tailored, satin-like piping. And each color is available in sheets and pillowcases, coordinating Gemtone® cor forters, bedspreads, pillowshams and bedruffle. All made better by Burlington. So get between the sheets with Caress.™ It's an experience of a nighttime.

Look for the
"CARESS ME" swatch
on the package.
At fine stores everywhere.

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BURLINGTON

Burlington Domestics. A division of Burlington Industries, Inc., New York, N.Y. 10019

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continued from page 24

French ceramic vase

T·DECK·

Q. From the photographs and mark can you tell me who made my colorful vase and something about him?
J.J.C.—Remsenburg, N.Y.

A. The maker of your vase, the French ceramist Théodore Deck (1823-1891), is generally regarded in the modern sense as the first of the artist potters. About 1855 he set up his own workshop in Paris. Much of Deck's early success was achieved in the production of pottery decorated with individually painted scenes, mainly by painter friends. In 1887, he was appointed art director at Sèvres, the first practical potter ever to attain that distinction.

Edwardian silver

J·D&S

Q. From the mark, can you tell me who made my silver tray and something about the company?
R.H.K.—Roanoke, Va.

A. Your Edwardian sterling silver tray (1909-1910) bears the distinguishing initials JD & S—capitals in a cartouche—of the well-known English silversmiths James Dixon & Sons, working at Sheffield from 1806 to the present day. They made Brittania, plated silver, and sterling silver wares. Your mark is found on sterling. The same initials were also used by the Sheffield silversmiths James Deakin & Sons, active at Sheffield in the 1880s. However, their initials are on two lines and are enclosed in a shield. The rim of your tray effectively contrasts with the plain surface.

American Empire chair

Q. What can you tell me about the style of my old chair, and can you tell how old it is and from what country it originates? **E.vK.N.—Godfrey, Ill.**

A. Your American Empire-style chair was probably made about 1830-1845. Edgar G. Miller Jr. illustrates a similar chair in his book *American Antique Furniture*, vol. 1, page 229. Of this chair, he writes: "The top rail curves downward, and the scrolls cut in it and in the crosspiece produce openings which perhaps unintentionally resemble the figure 3 in a horizontal position."

Antiques show

From the D.A.R. Museum Collection, this silver coffeepot and teapot, bearing the mark of Seraphim Masi, early 19th-century Washington silversmith, will be part of the loan exhibit "Silver Anniversary" at the 25th annual Washington Antiques Show. The show, which benefits Washington's thrift-shop charities, will be held at the Shoreham-Americana Hotel, 2500 Calvert St. N.W., Washington, D.C. 20008, Jan 9-13.

Correction: In the October 1979 column, a line was inadvertently omitted in the description of sterling silver. The caption should have read: . . .the standard of the purity has been the sterling standard (11 ounces, 2 pennyweights of pure silver to 18 pennyweights of copper per pound Troy.). . . .

BY PAULA RICE JACKSON

On health and vitality

An interview with Estée Lauder on the subjects of womanliness, time, organization, and a touch of romance

One of the most striking characteristics of Mrs. Lauder is her vitality. We are sitting in her office 37 floors above Central Park on an early summer afternoon. She is wearing a light suit of pistachio and ivory wool and silk cloche that matches the fabric of her blouse. Her office is sunny and filled with vases of fresh cut flowers.

"What's the great secret to vitality?" she asks. "Well, for me, it's being with people and . . . having a good breakfast. If you eat a good, nourishing breakfast you're energized for the rest of the day. You have no idea how a good meal can change your point of view and help you see the bright side of things. The second source of my vitality is that I'm interested in people and it's also possible that vitality can be derived by surrounding yourself with growing things—plants and flowers—ultimately, though, vitality is a state of mind that's expressed through energy."

Editor's note: In January 1978 the French Consul General in New York, Gerard Gaussen, presented Estée Lauder with France's prestigious award, the insignia of Chevalier of the Legion of Honor, established by Napoleon Bonaparte in 1802. The awards and honors she has received are many—from being named one of Ten Outstanding Women in Business by business and financial editors to the Spirit of Achievement Award given by the Albert Einstein College of Medicine to the Women's Architectural Award of Honor from the City of New York for the first of three futuristic children's playgrounds she has given to the city. She is co-founder and Co-Chairman with her husband Joseph Lauder of Estée Lauder, Inc., one of the world's largest cosmetics and fragrance companies. She has worked her whole life to, in her words, "bring the excitement of fashion to faces—where it's needed." Here Estée Lauder talks about some of the principles that have helped her organize her life and inspire a world of women to greater personal satisfaction.

How she began

"I wanted to be a doctor, to help people, and as my uncle was a skin specialist, he helped me learn and trained me as a specialist in corrective skin care. We began with four treatment products and two cosmetics: Skin Lotion, Cleansing Oil, Creme Pack, and All-Purpose Creme. The cosmetics were Glow Rouge and an emollient powder that made a marvelous foundation. We opened at Saks Fifth Avenue thirty-five years ago and we haven't stopped since."

About beauty

"Healthy is beautiful. As I've already said, eating well is important to staying well, to having a healthy, happy outlook, and then grooming is terribly important."

About facing the day

"First thing every morning I brush my hair and put a tiny spot of glow on each cheek, spray my shoulders with fragrance, and join my husband for breakfast. I keep a variety of robes in my closet, so I can look a little different each day. These small considerations affect my husband's well-being as much as they do mine. If beauty is about anything it's about this. Men don't always know *what* they love, they just know they *love* it."

About flowers and friends

"My favorite flowers are whichever ones happen to be in season, and I take great pleasure in doing the flowers myself when we entertain friends at home, usually in groups of about fourteen. Instead of having one formal arrangement in the center, we like to arrange flowers in several crystal vases or old silver decanters that run the length of the table. And we always put a fresh mixture of them in each vase.

"Birthdays, anniversaries, and holidays are special family occasions and Christmas is always the most festive because we celebrate my husband's birthday, December 25th, as well. I wish there were more hours in the day to give. In time, good friends seem almost like family."

Organizing for travel

"For business trips I take completely accessorized outfits for each occasion, day or night, rain or shine. The exact selection, of course, depends on the where and the why. I pack my bag like I organize my closet, with the accessories near each outfit. In this way I don't have to unpack all the suitcases when on a long trip with many stops. Being organized—down to the contents of an evening bag—saves on time and it avoids the distraction of sorting and pressing on arrival. I like to travel with suits that can be dressed up with a beautiful blouse for dinner. And I always take a soft veil to wear in the evening if there's no time for a complete new hair style. For public appearances I make sure that I have a dress or a suit that moves and sits well and always—a matching hat."

Organizing time

"I believe in the principle of 'Divide and Conquer' and I see my life as divided into three parts—business, social, and personal. Each demands equal time and each involves travel. When we are in New York, London, or Paris, I'm in the office every day, though it seems three-quarters of the time we're traveling. I've learned to set priorities very quickly and stick to decisions. Once a decision is made, I don't worry further about it. My second principle is 'Do It Now.' Never put off making a decision if you can help it. And my third principle is to concentrate energy and attention on the question at hand. I do not make lists as such but do ask that things be written down. It's as if the act of putting something on paper carries with it the intention behind the request. Then I can always go back and check because it's the intention that matters. The things being done are the details—I think the distinction is an important one."

(Continued on page 33)

Outdoor cold. Indoor heat. Unfortunately your skin can't hide from winter.

There's no getting away from the cruelty of winter's climate. Because indoor heat is just as drying as outdoor cold. That's why winter can age your skin even faster than birthdays. So unless you're careful, you may look a little bit older a lot sooner than you should.

● That thought has concerned women all over the world. And that's why so many women have discovered the secret of a mysterious beauty fluid that helps them look younger, even in winter. Here in the United States, that secret is known as Oil of Olay.®

The moment that Oil of Olay touches your skin, you'll find that it's unlike anything you've ever tried before. Its unique blend of precious tropical oil and emollients starts penetrating instantly, works quickly to provide a moist, dewy climate for your skin.

In fact, Oil of Olay is like the natural fluids and oils so abundant in younger skin. And that's one reason your skin responds so remarkably, so quickly. The feel of your skin will become noticeably softer, and soon the look of your skin will be noticeably younger. Even those telltale little lines will seem to disappear.

And Oil of Olay can help you hold on to that younger look for as long as you cherish the secret. It hydrates your skin each time you use it...so your skin lives in a youthful climate all year round.

Oil of Olay is surprisingly greaseless, too. So you'll want to use it all day. And this is especially important during the harsh winter months. Many women use it as a base under makeup to smooth the application and keep the finish fresh looking. Some women use Oil of Olay all alone, to provide a young, lustrous glow and restore the supple look the winter day steals.

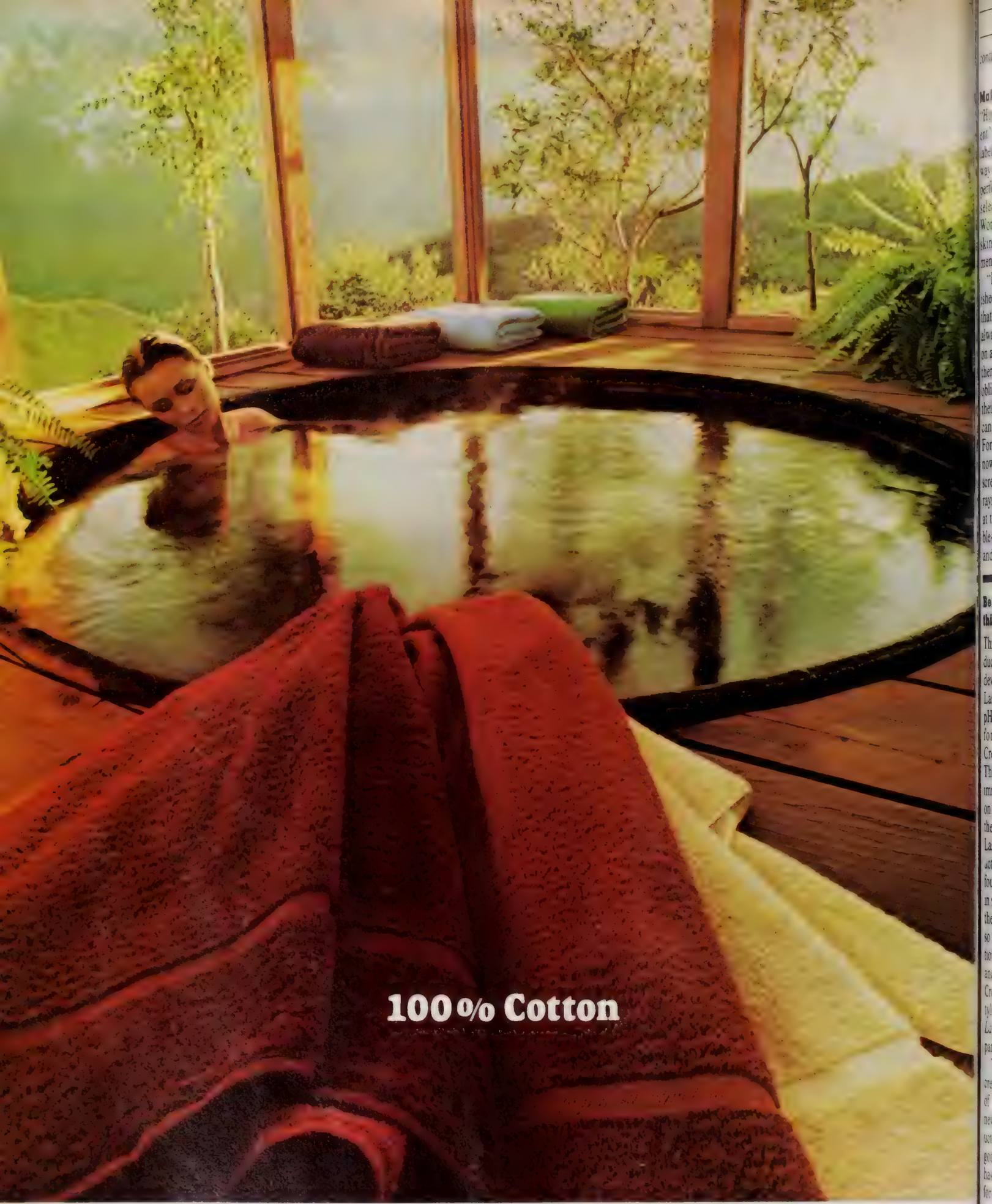
Winter is here, and once again it threatens to age your skin too quickly. So now, more than ever, is the time to discover the secret that makes a difference in how young your skin looks now, and all through the year.

Oil of Olay. It can help you look younger, too.

BEAUTY HINTS

If you need a hostess gift for a special friend, why not introduce her to Oil of Olay® beauty lotion. It makes a really welcome gift. Oil of Olay soothes away dryness, creating a moist, dewy climate for skin to luxuriate in. Skin feels softer and smoother, and looks that way, too.

Women who live a fast-paced life often shower, then towel briskly. If this is your pattern, next time pat yourself nearly dry and apply Oil of Olay on your still moist skin. Then ten minutes of feet-up rest. You can't help looking and feeling refreshed after such a relaxing routine.



THE ROYAL CLASSIC TOWEL. IN A GLORIOUS RAINBOW OF COLORS.

Royal Family by Cannon®

Cannon Mills, Inc., 1271 Ave. of the Americas, N.Y., N.Y. 10020.

continued from page 30

Makeup for the 80s

'How do I think the 80s will be different? For one thing, someone's name on a label isn't going to impress the public the way it does now. Products will have to perform. And that means more careful selection on the part of consumers. Women will have to know their specific skin type and its individual requirements.

"I think makeup will be more polished and poised in the 80s. The idea that 'less is more' is still attractive. I've always thought that too much makeup on any woman ages her. I also think that there will be a resurgence of a sense of obligation that women will feel about their looks. We'll also see products that can function on several levels at once. For example, we have a product right now that copes with the environment by screening out pollutants and the sun's rays while it nourishes skin with proteins at the same time. Makeup must do double-duty in the 80s—it must *look good*, and wherever possible, *do good*." ■

Beauty and health products new this month at the stores

Three new products have been introduced to the dry-skin treatment system developed by dermatologist Dr. Erno Laszlo in 1939. **pHelityl Cream** and **pHelityl Lotion** are replacing the two former products "Active pHelityl Cream" and "Skin Application Lotion." The new formulas are super light, absorb immediately, and look utterly weightless on the skin. They also contain four times the amount of pHelityl, the important Laszlo dryness fighter. The third product is **pHelitone Gel**, which serves as foundation for dry skin. The gel comes in six shades, and its formula works with the two new undermakeup moisturizers so skin gets lots of moisturizing protection. And gel makeup is easy to blend and looks completely matte. pHelityl Cream, $40; pHelityl Lotion, $30; pHelityl Gel, $30. Available only at *Erno Laszlo Institute* counters in selected department stores across the U.S.

The new decade will bring with it increased attention to the skin-care needs of men. They will be intrigued by the new *Aramis 900* group of skin-care products. Believing that small tryouts are a good way to test new things, Aramis 900 has put together **The Daily Basics Kit** for a mere $6.50. It contains five products: **Pre-Shave Cleansing Bar, Absolute Comfort Shave Cream, After Shave Soother, Daily Cleansing Shampoo**, and a small flacon of brisk **Herbal Cologne**. These five get his day off to a great start. And for extras, the newest product is **Face Conditioner**, a special, fragrance-free soothing lotion to use sparingly morning and evening on the parts of the face that need extra attention—nose, chin, forehead, tips of the ears. It's all-around comfort for his skin. Two ounces for $18.50 at Aramis counters in department stores across the country.

And while the focus is on *him*, how about a pungent new scent? An invigorating one, **John Weitz**, comes in a single strength and four sizes. The small 2½-ounce travel size is a convenient way to try it for $7.50, but there is also a handy spray for $16.50. From the *John Weitz Men's Fragrance Collection*, it's available everywhere at drug and department store fragrance counters.

An invigorating scent for women is **Body Soak** from *Bonne Bell*'s 10K System—a complete new group of body grooming products. Whether you reward yourself at the end of a day with a relaxing bath or pour this cerulean-blue gel on a bath mitt to perk up your morning, its scent is marvelous—like fresh sea spray. And it's loaded with aloe and oils of sunflowers and avocados to leave skin soft, muscles feeling relaxed. Five ounces for $3.50 at drugstores. You'll be hearing more and more about the importance of sunscreens during the 80s. New *Moisture Whip* collection of liquid makeup, cream makeup, lipstick, cream blush, and pressed powder will all be fortified with at least a sunscreen level of "2". That means that no matter which of these products you use—one or all, your skin will have protection that's long-wearing and that provides the effective minimum your skin needs to guard against wrinkles. *Moisture Whip* is by Maybelline.

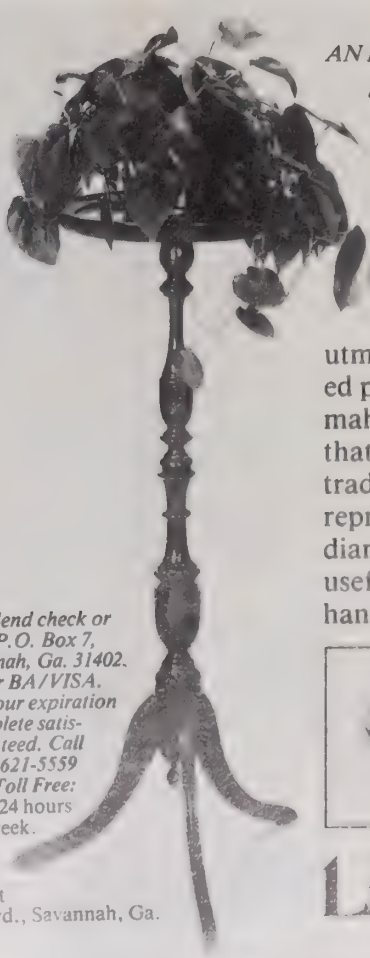
MARIA REACHI

Your herbal and fragrance almanac
The sign: Capricorn
Circa: December 22-January 19

Soon the garden catalogues will arrive and it will be time to plan the beautifully scented bouquets and potpourris for next summer and fall. Capricorns have a special bond with the earth and its products, and growing, curing, and blending a potpourri from seedbed to rose bowl is a many-faceted pleasure for them. However, when it's not possible to grow one's own fragrances, the next best thing is to buy them from people who do. The ingredients for a group of very unusual and exquisitely scented potpourris are grown, dried, blended, and packaged at Longpond Farm. Two of its blends, **Day** and **Night**, one bright and vivid, the other dark and sensuous, are particularly appealing to Capricorns. Mail orders only; brochure available: Write Box 58, Harvard, Ill. 60033.

Classic **Tabac Blond** is made by Caron with essences of plants, mosses, and precious woods. **Acqua di Selva** is a bracing match for Capricorn males.

MARIA REACHI



AN ENGLISH TRADITION

$22

The Plant Stand

A plant stand with the utmost charm, delicately turned pedestal and entirely of mahogany. An accent piece that represents the most traditional in English antique reproductions. 36" high, 13" diameter top. A delightful and useful piece. $22 plus $3 for handling and shipping.

Order by Mail: Send check or money order to P.O. Box 7, Dept.GA, Savannah, Ga. 31402. Charge to MC or BA/VISA. Please include your expiration date. Your complete satisfaction is guaranteed. Call Toll Free: 1-800-621-5559 (In Illinois Call Toll Free: 1-800-972-5855) 24 hours a day, 7 days a week.

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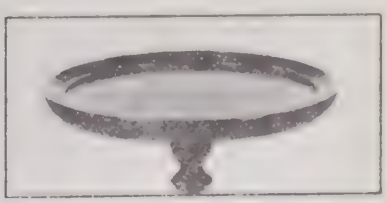

Littlejohn's

What's better than a Kitchen on Wheels?

NuTone's New Food Center Cart

It's made to roll with the brunches, the lunches, parties and buffets, wherever you might need your most-used kitchen appliances. Solidly constructed of beautiful hard wood, with a concealed powerful motor, the Food Center Cart can operate 9 lightweight, cordless appliances: Food Processor, Blender, Ice Crusher, Mixer, Fruit Juicer, Can Opener, Knife Sharpener, Meat Grinder and Shredder-Slicer.

Enclosed is $1.00 for NuTone's Exciting New Food Center Catalog.

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Dept. HG-1, P.O. Box 1580
Cincinnati, Ohio 45201

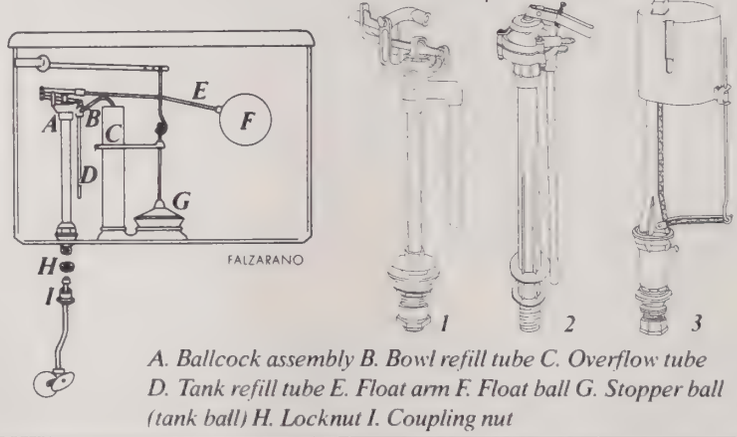
Form 5862

BY DEANNE RAFFEL

How to fix an inefficient toilet plus how to get a bathroom ready for redecorating

Q. My toilet operates noisily and the handle needs to be jiggled to quiet it. How can I remedy this?

A. The part of the mechanism controlling the flow of water into the tank can corrode and wear through years of service, causing noisy and inefficient operation. In an older toilet, this unit, called the ballcock, is usually made of copper and brass with several moving parts in its makeup (see illustration 1). In a new fixture the ballcock is a simply designed piece of plumbing, most often made of plastic with fewer moving parts to run quieter (2 and 3).



A. Ballcock assembly B. Bowl refill tube C. Overflow tube D. Tank refill tube E. Float arm F. Float ball G. Stopper ball (tank ball) H. Locknut I. Coupling nut

Here is a very basic description of how type 1 operates: When the handle on the tank is pushed down, the cycle begins. The stopper ball, or tank ball, is lifted, and water from the tank rushes into the bowl, flushing it out. The float ball, attached by the float arm to the ballcock, lowers as the water level drops. The float arm then raises the ballcock plunger arm which in turn lifts the plunger or stem washer off its seat inside the ballcock. Once this valve is opened, water flows through both the tank filler tube and bowl refill tube, bringing the water level back to the point where the float ball will close the plunger valve.

Parts of the ballcock do wear out. If the fitting is not too corroded, most of its parts are replaceable. Float balls, float arms, and refill tubes are available at hardware stores and are simply threaded into place. Sometimes, depending on the parts that need to be changed, it is quicker and easier to replace the entire ballcock rather than fixing it.

Whether repair or replacement is to be done, the water-supply valve needs to be turned off. If there is no valve underneath the tank, find and turn off the valve that services the line feeding the toilet. For a replacement, cover the floor below the tank with newspapers or a towel. Flush the toilet after the supply valve has been closed; hold down the handle until the tank is empty. Sponge out any remaining water in the bottom of the tank.

With an adjustable wrench, loosen the coupling nut that attaches the water inlet tube to the tank. (The nut may be stubborn and need coaxing; however, do not use brute force on the wrench.) Once this nut is unthreaded, loosen the locknut that holds the threaded shank of the ballcock securely in the tank hole. (If the ballcock starts to turn as you are attempting to remove the locknut, use a pair of locking pliers to hold the hexagonal-nut shape on the ballcock's base inside the tank to keep the assembly from moving.) Lift out the ballcock.

Take the unit to your supplier. Purchase a new one that will provide the proper water level (the salesman will know the correct height of the new unit by seeing the old one). You may choose one of the three ballcocks illustrated. All are packaged with complete installation instructions.

Hooking up the water supply is simply the reverse of removal. After installation, the bowl filler tube must be directed into the overflow tube. If the unit uses a float ball, the float arm may need adjusting (bend the rod upward or downward) to insure that the water reaches the correct level.

Q. Is any special preparation necessary before a bathroom can be repainted or redecorated?

A. Since bathrooms take so much abuse from shower steam moisture and splashed bath water, they require an additional preparatory step not included in the redecoration of other rooms. This measure is necessary for bathrooms that

(Continued on page 37)

Benson & Hedges Lights

"B&H, I like your style."

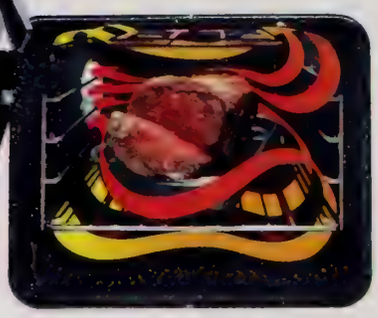
Warning: The Surgeon General Has Determined That Cigarette Smoking Is Dangerous to Your Health.

The range that grills without a hood...

Jenn-Air. The range *that* breathes.

The Jenn-Air Grill-Range lets you sizzle up all your family favorites indoors. Because only Jenn-Air pulls smoke over and around the meat, then vents it away. So you'll get that great, smokey char-flavor of outdoor cooking right in your kitchen. This patented Jenn-Air ventilation system also helps keep your kitchen clean and fresh, because there's no bulky hood to collect grease and dust. And the Jenn-Air Grill-Range is perfect for a fashionable island un where an unsightly greasy hood would ge in your way. In addition to grilling handy plug-in units let you spit-roast, shish-kebab, griddle, and deep-fry. All on the range that breathes. All without a hood

Below the Grill-Range, the Jenn-Air has a conventional electric oven. Just flip a switch for a convection oven that cooks quicker and keeps meats juicier in a swirl of hot, fresh air



For a Jenn-Air dealer near you, see the Yellow Pages, call toll free 800-428-4560, or write Jenn-Air Corporation, 3035 Shadeland Ave., Indianapolis, Ind. 46226

The Jenn-Air Grill-Range.

® The range that breathes.

continued from page 34

were previously wallpapered or painted.
Step 1: If there is presently wallpaper on the ceiling and/or walls, it must be stripped off. Once the paper is off, use a scrub brush with water to scour the surfaces in order to remove any remaining wallpaper paste.
Step 2: Walls and ceiling should then be washed down with a solution of 3 parts water to 1 part laundry bleach to kill mildew. (This fungus appears as blotchy areas that begin pinkish-brown in color and develop into a grayish-black.) Protect your eyes with goggles or glasses and wear rubber gloves. Bleach fumes are strong and ventilation is a necessity; open the window and door. If there is an exhaust fan, turn it on. Mildew is especially evident in corners and areas around the edges of the wallcovering. Scrub these niches well. Let the bleach remain on the surface for several minutes, then rinse clean with water. Let dry. (If you plan to use a wall treatment such as paneling, the walls still require washing with bleach to kill any mildew that could migrate to the backside of the paneling.)
Step 3: Patch the holes and wide cracks (not hairlines) in the surfaces. Sand smooth and wipe free of dust. Bumps should also be smoothed down—wrap sandpaper around a block of wood to make this job easier. All raw areas (those not protected by a sealing coat of paint or shellac) should then be primed or sealed for best results.
Step 4: Walls and ceilings that were previously painted with a glossy paint should be lightly sanded with fine-grit sandpaper or wiped with a deglosser to give them a lightly roughened surface (a "tooth") which new paint or wallpaper adhesive can grab and hold on to. With a lightly dampened cloth, wipe the surfaces to remove any dust left after the sanding (this is not necessary if a deglosser was used).
Step 5: To keep moisture in the bathroom to a minimum, install an exhaust fan if you don't already have one. Always turn it on when the shower is used; it will help keep the mirror, window, ceiling, and walls from steaming up and inhibit mildew formation.
Step 6: Be sure the surfaces are dry before actual decorating commences. Choose paint, wallpaper, and wallpaper adhesive that are mildew resistant.

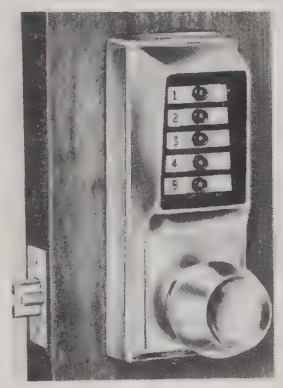
Heat distributor

This electric fan circulates heat between rooms, from a fireplace, stove, or other source, to conserve energy. Installed in a wall (it needs no ductwork), the Preway Transaire fan has a motor that moves 200 cubic feet of air per minute, is turned on or off with a wall switch. The

room-to-room air-transfer unit will fit walls from $2^1/_4$ to $5^1/_2$ inches thick, is housed in beige enamel circular plates that can be painted any color. $80.95; Preway, Inc., Wisconsin Rapids, Wis. 54494.

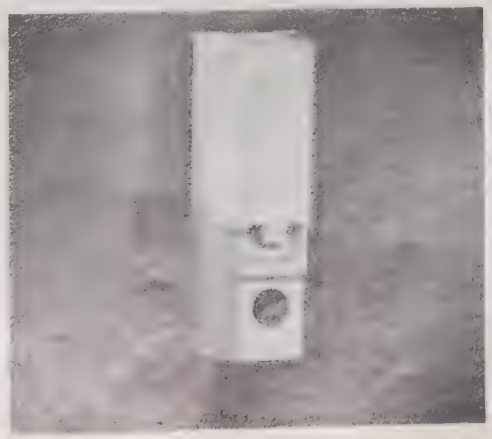
One-hand lock

A pushbutton combination lock, which lets you open the front door with one hand while holding packages with the other, is both weatherproof and pick-proof. Buttons one to five operate in any number of combinations—by pushing two numbers simultaneously, then a third, or in other sequences. The combination can be changed in minutes if needed. In satin chrome or antiqued-brass finish, with a $^3/_4$-inch deadlock latch for wood or metal doors, the Access Control lists for $200. Simplex Security Systems, Inc., Collinsville, Conn. 06022.

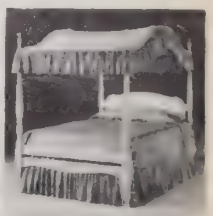


Low-level light

A new night light, for safety in halls, stairs, bathroom, bedroom, kitchen, plugs into any 110-volt outlet. Sensor-Lite, with a $7^1/_2$-watt bulb, has an electronic eye that automatically provides low light at darkness without switch or timer and saves electricity. Approved by Underwriters Laboratories, Inc.; $5.49 at Sears. Cable Electric Products, Inc., P.O. Box 6767, Providence, R.I. 02940.

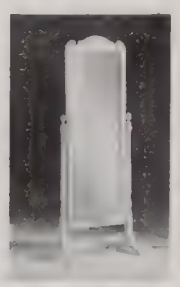


When it comes to fine furniture for girls (and boys, too!) we're the industry leader. We know that quality children's furniture is more than just sugar and spice. . . it's practical features like no mar, spill-proof plastic tops, ample storage for juvenile treasures and durability that stands up to daily use for years.



Tester Bed & Canopy from *Chene* — A best-seller

Our broad selection — with over a dozen distinctive designs — is another reason we're the industry leader. Choose from over 200 individual items for girls (with an equally varied selection for boys). Each piece is carefully crafted by the thousands of hands of our skilled craftsmen to become a treasured part of growing up...and later, a treasured part of your child's first home or apartment.



Dressing Mirror from *Mayflower*

When you think of furniture for children's rooms (and grown-up rooms, too!), think of us...we're America's largest bedroom manufacturer. And don't forget, we wrote the book on children's rooms!

The Furniture Family
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Get the Book...

Send just $1.00 for your copy of our idea-packed 20 page brochure, showing beautiful color room scenes of innovative children's rooms, plus a list of dealers in your area. Complete and mail with $1.00 to:

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BY DAVID LACHENBRUCH

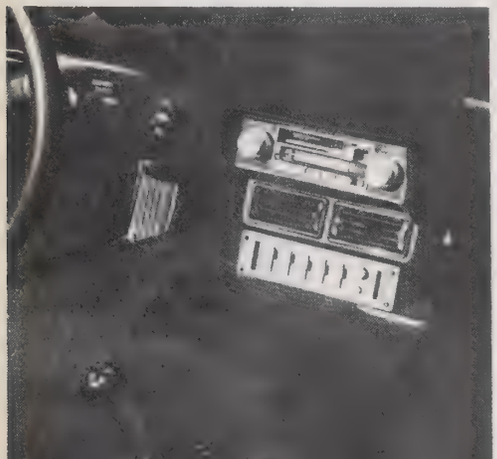
Stereo for the open road

Sonic advances in car music quality—and how to choose the right system for you

Good sounds in your car

Real high fidelity now can sound as good in your car as it does in your living room, and it sometimes can give you even more enjoyment by turning a long drive into a musical event. Auto stereo is a product whose time has come; it now represents by far the fastest-growing part of the stereo business.

As with stereo for home, you can buy car stereo in an all-in-one package or individual components. A car sound system can cost virtually any amount from $100 to $1,000, and even more. Any auto audio installation consists of a program source (a radio tuner and/or a tape deck) plus a built-in or external amplifier and, for stereo, either two or four loudspeakers.



Clarion AM/FM/MPX cassette receiver and graphic equalizer-booster that acts as tone control, coordinating the music to the acoustic properties of the car.

High-quality car stereo equipment is available from a variety of sources—new car dealers, specialized audio or auto sound centers, and often from department or discount stores. The type of system you buy may determine where you shop for it. "In-dash" systems usually are purchased through automobile dealers, generally at the time the car is bought. They have the advantage of matching the car's interior, of using relatively little space, and being fairly resistant to theft. "Under-dash" installations have their good points, too—a wider choice of equipment generally is available, the total cost may be less, and you may be able to install it yourself. In the case of relatively expensive or elaborate systems, the biggest advantage of the under-dash system may be that the stereo can go into your next car when you trade, rather than staying with the old one.

If you buy from a car dealer, you may have a choice of a sound system supplied by the company that made the car, or one which the dealer gets from another source. Besides exactly matching the car's interior, the factory-supplied system usually gives you a chance to hear it in a car environment before you buy. Some car dealers also can supply "custom" systems, manufactured by major brand-name audio manufacturers, designed for in-dash installation in the cars they handle. This often provides greater choice than the few models supplied by the auto factory. And either factory-equipment or custom systems bought through the car dealer can be financed along with the car.

Buying on the "aftermarket"—after you've bought the car—gives you the widest possible choice of systems, components, price ranges, and brands, but rarely the opportunity to listen in a car before making the selection.

The current choice in car sound components and systems is so large it becomes almost bewildering. For example, one typical major supplier—Sanyo Electric—offers 34 different models of tape players, some of them combined with radios, as well as 27 radios (including the radio-tape combinations), 16 speaker systems, 6 separate power amplifiers and power boosters, and 2 equalizers (we'll get to them later).

This brings up another choice—components or all-in-one? It's a dilemma somewhat similar to the one you might face in home stereo. All-in-one systems can be simpler to install, generally are less expensive, and usually are the best choice for all but super-duper systems. The component approach lets you select exactly what you want by mixing and matching, or permits you to buy a basic system first and upgrade it later. However, with the component approach you have less flexibility than at home, because it's generally inadvisable to mix electronic auto sound components made by different manufacturers. The exception is the loudspeaker system, which usually is purchased separately in quality car systems and which needn't be the same brand as the electronics.

If the manufacturers of automobiles have declared a truce in their horsepower race, the makers of car sound systems are making up for it with power competitions of their own. While car radios of yesteryear used to put out less than a watt of power, today's auto stereo amplifiers may have up to 50 or 60 watts per channel (often advertised as 100 or 120 watts "total power"). For the average installation, this amount is much more than you need. Most auto sound experts consider 3 to 5 watts per channel sufficient to provide good quality sound under most normal conditions.

Lightweight power booster, small enough to hide behind a dashboard. Graphic equalizer/amplifier that permits adjustment of 5 different tones. By Panasonic.

But a short step up—to say, 7 or 10 watts per channel or so—can result in a significant improvement. Because of the high noise level inside a car—particularly when the windows are open—auto sound systems generally are played at a

Continued on page 40

THE RIGHT IDEA FOR TODAY

THE HIGH MILEAGE 1980 FORD FAIRMONT.

The right mpg, even better than last year.

High mileage ratings can make you glad you bought a Fairmont. The 2.3 liter 4-cyl. engine has remarkable mileage for a five-passenger car, for a driving range of hundreds of miles between fill-ups.

And Fairmont's 6-cyl. has EST. MPG of 21. No 6-cyl. car with standard 4-speed transmission beats it. Comparison excludes hwy. driving and Calif. models.

23 EPA EST. MPG **38** EST. HWY. MPG

322 EPA EST. RANGE **532** EST. HWY. RANGE

Compare this 4-cyl. estimated mpg to other cars. Your mileage and range may differ depending on speed, distance and weather. Actual highway mpg and range will probably be less than est mates. Range based on EPA mileage and 14-gallon fuel tank. Calif. mpg lower.

The right room, seats five comfortably.

The 1980 Ford Fairmont has been engineered for people, to be trim on the outside yet remarkably spacious on the inside, an ideal combination for the needs of today and tomorrow.

You'll discover on the inside there's ample room for five adults. Check out the trunk and you'll find Fairmont doesn't skimp on luggage space either. There's 17 cubic feet of usable space. In Fairmont wagons, there's 43 cubic feet of space. No other mid-size wagon has a higher cargo rating.

Squire Wagon

The right price, and more.

Whether you buy or lease, Ford Fairmont is extremely cost efficient.

$4,526 Sticker price for 2-Door shown, excluding title, taxes and destination charges.

2-Door Sedan

And Ford's optional Extended Service Plan provides additional protection. With that kind of mileage, room and price...

Better Ideas for the 80's.

You'll be glad you bought a Fairmont.

FORD FAIRMONT

FORD DIVISION

which balances front and rear speakers. If it's impossible to have a four-speaker installation, it's recommended that two of the best quality be installed in the dash, door panels, or rear deck—and they should be the largest that will fit.

The first tape players designed specifically for automobiles used single-reel 8-track cartridges, but the cassette is now preferred for good installations. When originally introduced, 8-track cartridges were capable of better sound than cassettes, but 8-track technology has virtually stood still, while the cassette has been developed into a true high-fidelity program source. Among the drawbacks of the 8-track are its relative difficulty in making recordings and a tendency to wear out more quickly than cassettes, in addition to the lower quality of the sound. If you have a good cassette deck at home, this format is an obvious choice for your car, because you can play your home-recorded cassettes as you travel.

Since a tape deck has many mechanical parts, it can be vulnerable to vibration and the motion of the car—and nothing spoils listening enjoyment quite so much as a tape that wows or gurgles because of inadequate precision in speed control—so extreme care should be exercised to make certain that the deck itself is of the highest quality. Many car cassette decks have "auto reverse," a convenience and safety feature which changes the direction of the tape at the halfway point and switches to the second track, eliminating the need to flip the cassette over. Some new cassette decks have auto-stop and auto-repeat features, which do exactly what you think they do. Increasingly, high-end car cassette decks are employing Dolby noise-reduction systems. In a car, they're probably of marginal value, since the kinds of hiss the Dolby is designed to reduce usually are drowned out by the noise level in the car.

The oldest single element in auto sound—the radio—has been treated to the biggest upgrading. In the best units, the

Continued on page 43

ELECTRONICS

continued from page 38

much higher volume than those at home, and the greater reserve power increases the volume at which the car radio can be played without distortion. But the difference made by super-high power is almost insignificant.

If you should make the mistake of buying a stereo with insufficient power, you usually can make a correction without having to scrap the entire system, thanks to the development of power boosters, which can be mounted behind the dashboard. An audio dealer can give you a dramatic demonstration of the difference a booster can make in sound quality, even at relatively low volumes. If you *do* add a booster, it's important to check the power capacity of the speakers to make sure they can handle the higher power without damage.

Speakers can be the most important part of the system, because no matter how good the components that feed them, it's the sound coming from the speakers that you really hear. In a car, speakers can be tricky, and, of course, they must be specially designed for auto systems. The nature of the automobile environment emphasizes the bass frequencies, which can be both an advantage and a drawback. Most speakers have two or three separate elements called "drivers," for low, high, and often mid-range sounds. Since the treble (higher) frequencies are directional, it's important that the speakers that supply these tones be aimed in the direction of the passengers to avoid lessening or eliminating the stereo effect. The best car installations usually have two large speakers mounted in the rear deck where they can provide the best bass, and two other speakers (which can be smaller) mounted up front for optimum high-note reproduction. The stereo effect is largely determined by the more directional sound from the left and right front speakers, while the proper tonal shading between treble and base is obtained by using the "fader" (usually a rotary control surrounding the tuning knob),

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Fieldcrest

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19 mg. "tar", 1.3 mg. nicotine av. per cigarette, FTC Report MAY '78.
Warning: The Surgeon General Has Determined That Cigarette Smoking Is Dangerous to Your Health.

continued from page 40

sensitivity of the FM tuner has been sharply improved for good stereo reception even at a relatively long distance from the transmitter. In some models, the radio dial has given way to digital display, which reads out the exact frequency tuned, and when the radio is off doubles as an accurate digital clock. The old mechanical pushbuttons often are replaced in today's sets by electronic memory buttons which can be programmed to "remember" the frequencies of up to 12 stations (six AM and six FM) for instant recall. Even if you're out of familiar territory, some radios will precisely locate the stations for you. Automatic scanning systems search the dial, stopping the radio at each usable signal when a button or bar is pushed, letting the driver concentrate on the road instead of the dial.

Perhaps the ultimate highway hi-fi add-on is the equalizer. Generally mounted under the dash, this unit has 6 to 8 separate slide controls, each governing the amount of emphasis given to a small band of frequencies—in effect, a tone control that exactly coordinates the music to the acoustic properties of the car—and your own subjective preferences.

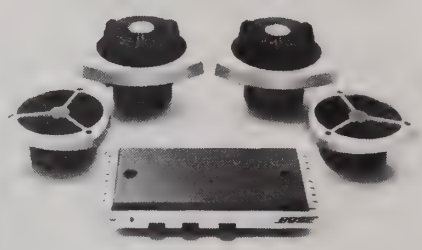
Most of the familiar home hi-fi names, such as Jensen, Marantz, Panasonic, Pioneer, and Sansui now offer auto audio, as do some companies that have been specialists in such car electronic systems as CB and communications radio, including Craig, Motorola, and Roadstar. The latter, incidentally, even offers a car sound system for TV buffs—it can tune to the sound channels of VHF television stations (but the picture is a no-no at the driver's seat).

Unfortunately, there's no effective way to compare directly the characteristics of competing brands of car stereo on the basis of manufacturer specifications, as there is with audio amplifiers and receivers designed for the home. The latter are subject to Federal Trade Commission rules with the force of law. Different car sound manufacturers currently use different methods of measurement and different terminology: For example, "music power," "peak power," "total power," and "power per channel" all mean different things, and even the same term can change meaning when used by different manufacturers. With the rapid growth of the car hi-fi industry, there is increasing pressure to apply the same power measurement yardstick to automotive as to home equipment.

If America's well-publicized love affair with the automobile has been dampened by such inconveniences as emission-control regulations, tighter quarters, fuel shortages, and soaring gas prices, at least high-quality sound is putting some *new* enjoyment into the family chariot.

When it snows on TV

If you're bothered by any kind of interference to your television or radio reception, a useful illustrated booklet can go a long way toward solving the problem—or occasionally toward letting you know that the problem can't be solved. This is an FCC publication called "Radio-TV Interference Problems," which features color pictures photographed from the TV screen to identify different types of interference, then gives "home remedies" for amateurs, as well as technical instructions for professionals. It's not actually *guaranteed* to cure your interference, but it could be your best hope. It's available for $1.50 (check or money order) from Consumer Information Center, Dept. 015F, Pueblo, Colo. 81009. ■



Bose Model 1401™ has a Spatial Control™ device for adjusting volume and high-frequency balance from front to rear.

Next Month:

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BY LILLIAN LEVY

What the space age has done for you

Space technology has made possible the creation of many ingenious devices to make your life easier

With the burden of inflation and the increased cost of labor and materials, the question facing today's homeowner is: What is the best approach for home improvements and maintenance?

One answer comes from outer space. The message is: Small is best. This is based on more than two decades of national experience in the design and development of vehicles for exploring space.

When our national program of space exploration began 22 years ago with the establishment of NASA, the National Aeronautics and Space Administration, we did not have the rocket power to launch large, heavy vehicles into space. As a result, size and weight were limiting factors. To overcome this situation, NASA scientists and engineers turned to miniaturization and developed extremely small components and instruments for the first U.S. spacecraft—mini-satellites little larger than a grapefruit. Their success in building small resulted in important new discoveries and the collection of valuable data.

Building small for space continues to have high priority, though we now have the rocket power to launch such giant vehicles as the Shuttle, the reusable space bus scheduled to begin round-trip passenger travel to space and back in the 1980s.

But the benefits of building small are not limited to space. They are proving a boon to homeowners. A striking example of how building small for space yields large benefits on earth is the electrical wiring system for the Shuttle. Called the Flat Conductor Cable System (FCC), it is wiring reduced in size and weight that is far easier to install and maintain than conventional wiring. It also is less expensive and much safer. Now commercially available, it is used in building houses and office structures and for remodeling older homes and other construction.

It is in remodeling that the advantages of FCC are most impressive. Installation of the system is as easy as applying adhesive tape to any surface. The space-age wiring can be installed along baseboards, across floors, on walls and ceilings without having to rip up floors or break through walls or ceilings. The wiring can be concealed by paint, wallpaper, or carpeting.

The heart of the system is a match-box-sized "switchpack transformer unit" that fits easily into any standard electrical outlet box. The wiring is a two-conductor flat cable tape, ⅜ inch wide and 5 mils thick—just slightly thicker than the ribbons used to decorate gift packages and the transparent tape reinforced with filaments to seal packages.

The ribbon conductors are easy to place. They can be attached to walls or other surfaces with small metal brackets.

Top: Astronaut on moon works with a lunar drill. Above: Flat conductor electric cable, originally designed for spacecraft, can be used on house walls and floors.

The pressure switch used with the flat conductor tape is an adhesive-backed plate 3½ by 3½ by ⅛ inch thick.

The advantages of the flat cable tape are manifold. There is the simplicity of installation which makes it ideal for the do-it-yourselfer. If professional help is employed, the same simplicity reduces the time required for installation, and these days time measured in labor is expensive. Because it is surface mounted, the system is easily accessible for maintenance and repairs; because it is flexible, it is more easily adaptable for use in hard-to-reach places. Flexibility also makes possible quick and effortless alteration of the wiring to accommodate extra lighting needs and changes that may be required because of redecorating and rearrangement of furniture. A consideration not to be ignored is the matter of cost. Estimates are that installation of an FCC system costs half the amount charged to install an equivalent conventional system.

Inquiries about the Flat Conductor Cable System may be addressed to L. E. Buffington, AMP, Inc., 230 Commerce Drive, Largo, Fla. 33540 or to D. L. Beers, Thomas and Betts Co., 36 Butler St., Elizabeth, N.J. 07207.

Along came the Dust Buster

Another benefit from space, small in size but large in value to the homeowner, resulted from the effort to collect subsurface samples from the moon. This required a tool capable of drilling into the hard, rocky lunar soil. The drill had to be cordless, battery-powered, fail-safe, and efficient. The responsibility for its development was given to the Black & Decker Tool Co. of Towson, Md. The result was the Apollo Lunar Surface Drill, used successfully by the astronauts who flew the Apollo 15 lunar mission early in the 70s.

Black & Decker's engineering manager, Martin Schrock, credits the knowledge and experience gained from building the Apollo drill "for contributing substantially to the subsequent successful production of several lighter weight and more efficient cordless battery-powered devices" for use on earth.

The most recent of these is the "Dust Buster," a hand-held, cordless, battery-powered vacuum cleaner only 14 inches

Continued on page 135

DEAR H&G

BY MARGARET MORSE

Rent-a-needle

Q. I bought four matching chair-seat canvases to needlepoint two years ago. I've finished the central bouquet pattern on all four, but doing all the brown background is getting me down. My husband says that if the seats aren't finished soon, he'll be tempted to start stitching. Is there such a thing as "rent-a-needle?"

—R.M., Rye, N.Y.

A. If you think your spouse would be happier looking at the gridiron on TV than at the grid of a needlepoint canvas, take heart. We queried over a dozen women's exchanges across the country and found two exchanges that can have needlepoint—or crewelwork—"filled in":

The Elder Craftsmen Showcase, 850 Lexington Ave., New York, N.Y. 10021. Contact the shop manger, Miss Nan Campbell.

The Woman's Exchange, 993A Farmington Ave., West Hartford, Conn. 06107. Contact the shop manager, Mrs. Josephine P. Newsom.

For a price and time estimate, send a photocopy of the canvases, with incompleted areas and canvas gauge marked. If the estimate is agreeable to you, send the canvases *and sufficient wool or floss to finish them* via insured mail.

If you come across a needlepoint or crafts shop with handsome handmades on display, you might inquire whether custom finishing is available there as well.

Batik beat

Q. I'd like to cover my walls in authentic Indonesian batik. Where can I buy it by the yard?

—B.S., Los Angeles, Calif.

A. Traditional Indonesian batik was made only in sarong lengths, but now traditional patterns are also made by the yard—not only in Indonesia, but in Malaysia, India, and the Netherlands as well. Here are some stores that carry yardage in dozens of traditional patterns. All have Indonesian batiks, and some have ones from the other three countries, too. None has a catalogue or swatchbook you could send for, so count on a store visit:

Clothworks, 2828 North Clark St., Chicago, Ill. 60657.

Depth of Field, Ridgedale Shopping Center, Minnetonka, Minn. 55343.

Fabrications, 146 East 56th St., New York, N.Y. 10022 (and Boston and Philadelphia).

Fabulous Things Ltd., 1974 Union St., San Francisco, Calif. 94123 (and Honolulu).

Handloom Batik Importers, 214 Mulberry St., New York, N.Y. 10012.

Printworks, 2017 Prestonwood Town Center, Dallas, Tex. 75240.

Raymond & Keith, 451 North Robertson, Los Angeles, Calif. 90048

Tropics, 463 West Broadway, New York, N.Y. 10012.

Readers who can't visit one of these stores can write a major importer—International Printworks, 100 Wells Ave., Newton, Mass 02159—to see if one of its many batik dealers is closer by.

Furniture footnote

Q. Dear Mr. Stamberg: Did you ever wonder if anyone out there ever built anything? This should ease your doubts.

—L.P.D., Havertown, Pa.

Editor's note: Readers who are similarly inspired to take up tools will find instructions for Peter Stamberg's chair on pages 42, 104–105 of the January 1979 issue; for his table, on page 74, 120–121 of the February 1979 issue.

Continued on page 47

You can't live in a perfect climate. But that doesn't mean you can't own one.

Habitat,™ by Kohler.

Habitat is a remarkable addition to the series of Kohler environmental enclosures. It's designed to let you experience the soothing elements of warm Sun, refreshing Rain, and cleansing Steam, a delightful option. All within a single unit.

Habitat also gives you two conditioning elements, Ambience and Warm Breeze, to enhance the atmosphere. And warm the enclosure.

This is how it works. Select any element to begin your *Habitat* experience. When you're ready for a change, select another element . . . or let *Habitat* sequence automatically every 20 minutes. You can also add conditioning elements as you wish. Add Warm Breeze to Sun, and you have a desert afternoon, buffed by light wind. Ambience and Rain create a bright summer shower.

The combinations seem endless. And so do the pleasures.

For all its uniqueness, *Habitat's* suggested list price is about $5000, plus freight, installation, and options. just about 25¢.

Learn more about *Habitat*. In the U.S. or Canada, look for your Kohler dealer in the Yellow Pages. Or send 50¢ to Kohler Co., Box DA, Kohler, WI 53044.

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e Rock, Arkansas 72203

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urn, CA 95603
an's
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rly Hills, CA 90048
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Kaiser Rd.
a, CA 94558
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Industrial Way
wood City, CA 94063
ilian Pipe & Supply Co.
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Diego, CA 92111
ilian Pipe & Supply Co.
Woodman Avenue
Nuys, CA 91402

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Supply Co.
Nome
ver, CO 80239
ner Co., Inc.
East 48th Ave.
ver, CO 80216

NECTICUT
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usta Drive (Commerce Park)
bury, CT 06810
erson Supply Co., Inc.
h Franklin, CT 06254
hfield County Plbg. Supply
Oak Avenue
ington, CT 06790

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Castle, Delaware 19720

RIDA
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urndale, FL 33823
pical Supply Co.
Ray Beach, FL 33444
l Wholesale Plumbing Supply
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nbing Showcase
mi, FL 33157
ms Supply Co.
N.E. 8th Avenue
la, FL 32670
thern Supply Co.
Central Avenue
asota, FL 33578

ORGIA
x Supply Co.
Button-Gwinnet Dr.
aville, GA 30340

HO
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berly Road, East
n Falls, ID 83301

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South Rt. 53
lison, IL 60101
ser Berner Plumbing
Rand Rd
Plaines, IL 60016
ndee Plumbing Supply
Dundee
n, IL 60120
Co.
South Prairie St.
esburg, IL 61401
Co.
24th St.
ne, IL 61265
Field and Shorb Co.
Harlan Rd.
Vernon, IL 62864
C.R.A.
North First
kford, IL 61105

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Kitchen Center
Canterbury Dr.
omington, IN 47401
ght P & H
Murr Lane
Albany, IN 47150

NSAS
chens, Inc.
dge City, Kansas 67801

LOUISIANA
Coburn Co.
Ridge Rd.
Lafayette, LA 70501

MAINE
Redlon's, Inc.
Adler St.
Portland, Maine 04104

MARYLAND
Saratoga Supply Co.
1645 Warner St
Baltimore, MD 21230

MASSACHUSETTS
Bennett Co., Inc.
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Somerville, MA 02143
Charles Mandog, Inc.
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Worcester, MA 01610

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Flint, MI 48504
Hedlund Plumbing
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Lansing, MI 48917
Triangle Supply Co.
2969 Lapeer Road
Port Huron, MI 48060

MINNESOTA
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Heles Supply Co.
707 South Shore Dr.
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St. Joseph, MO 64501
Plumbers Supply Co.
6135 Horton Place
St. Louis, MO 63133
Southern Materials Co.
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Springfield, MO 65805

NEBRASKA
Barrett Plumbing
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Omaha, NE 68107

NEVADA
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4200 Spring Mountain Rd.
Las Vegas, NV 89102

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Raritan Valley Plumbing
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144 Kinderkamack Rd.
Montvale, NY 07645
Toms River Plumbing Supply
320 West Water Street
Toms River, NJ 08753

NEW MEXICO
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Santa Fe, NM 87501

NEW YORK
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197 Glenmore Avenue
Brooklyn, NY 11212
L.A. Hazard & Sons, Inc.
1695 Overhead Rd
Derby, NY 14047
Hammacher & Schlemmer
147 E. 57th St.
Manhattan, NY 10022
Davis and Warshaw, Inc.
57-22 48th St
Maspeth, NY 11378
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109 Wyoming St.
Syracuse, NY 13204

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Wilmington, NC 28401

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140 N. Keowee St.
Dayton, OH 45401
G.H. Voight Co.
Atlantic & Pacific Streets
Defiance, OH 43512
Wolff Bros. Supply, Inc.
6078 Wolff Rd
Medina, OH 44256
Sam's Plumbing
North Royalton, OH 44133
Maumee Plumbing Supply
12860 Eckel
Perrysburg, OH 43551

OKLAHOMA
Heatwave Supply, Inc.
6529 E. 14th
Tulsa, OK 74112

OREGON
Familian Northwest, Inc
Portland, Oregon 97217
Gardner & Beedon Co.
1928 N.W. Vaughn St
Portland, Oregon 97209

PENNSYLVANIA
Allen Supply Co.
1302-1326 Liberty St.
Allentown, PA 18102
Mike's Plumbing Supply Co.
1821 S. Caln Rd.
Coatesville, PA 19320
York Corrugating Co.
1851 UPS Drive
Friendship Industrial Park
Harrisburg, PA 17105
Willow Grove Plumbing & Heating
461 North West End Blvd
Quakertown, PA 18951
Mack Supply Co.
17-31 Madison
Wilkes-Barre, PA 18702

SOUTH CAROLINA
Rose Supply Corp.
Highway 21
Burton, SC 29902

TENNESSEE
Walker's Supply Co.
102 Lincoln Rd.
Alcoa, TN 37701
Greene Supply Co.
2016 American Way
Kingsport, TN 37662
Central Supply Co.
444 North Main St.
Memphis, TN 38103
Murfreesboro Supply Co.
South Church St.
Murfreesboro, TN 37130
Independent Plumbing Supply
601 Overton Street
Nashville, TN 37202

TEXAS
Universal Arlington, Inc.
2220 Duluth
Arlington, TX 76013
Zork Hardware
1000 Robert E. Lee Rd.
El Paso, TX 79998
Elkins Plumbing Co.
1018 Highway 380 By-Pass
Graham, TX 76046
Triangle Supply
12704 Bee Street
Farmers Branch, TX 75234
Smoot-Anderson Co., Inc.
3234 Clay
Waco, TX 76711
Bailey Meissner Co.
1300 Hatton Rd.
Wichita Falls, TX 76307

UTAH
Mountainland Pipe & Plumbing
1505 West 130 South
Orem, Utah 84057

VIRGINIA
Bluefield Supply Co.
Route 102
Bluefield, VA 24605
Stevens Supply Co.
First Street Station
1711 First St.
Radford, VA 24141

WASHINGTON
Familian Northwest
Bremerton, WA 98310
Robinson Plumbing
607 S. Broadway
Everett, WA 98291
Familian Northwest, Inc.
7115 West Marginal Way, S.W.
Seattle, WA 98106
Familian N.W.
3517 Pacific Highway East
Tacoma, WA 98424

WISCONSIN
W.S. Patterson Co.
2100 W. College Ave.
Appleton, WI 54911
Valley Bath Specialties
819 W. College Ave.
Appleton, WI 54911
Eau Claire Plumbing Supply
596 Cameron St
Eau Claire, WI 54701
Muskyland P & H
Route 1
Eagle River, WI 54521
The Bath-Haus
2263 Eddie Court
Green Bay, WI 54304
Kohler Co.
Kohler Memorial Drive
Kohler, WI 53044
Milwaukee Supply
4080 N. Port Washington Rd.
Milwaukee, WI 53212
Eren Plumbing & Heating
Wisconsin Rapids, WI 54494

DEAR H&G

continued from page 45

Apartment reflection

Q. I would like to use mirrors along one wall of a rental apartment to reflect a water view but cannot attach anything to the wall. Any suggestions? —Y.T., Annapolis, Md.

A. A freestanding mirrored screen will catch the outdoor view on its alternating panels facing the window, the indoor view on those facing the room. A company that makes 80-inch-high screens faced with beveled mirror is La Barge Mirrors, Inc., 875 Brooks, Holland, Mich. 49423. (Write La Barge for stores nearest you. There is no consumer catalogue.) Each panel is 18 inches wide, and when the screen is stood at 90-degree zigzags, each pair of panels takes up a space about 25½ inches wide and 12¾ inches deep. There are two panel styles: Covered with a single piece of mirror; or three strips of mirror, side-by-side.

In large cities, look in the Yellow Pages under "Mirrors," and you may find a firm that can make a mirrored screen to order. Or you could turn to an interior designer. New York designer David Barrett's favorite custom design is a mirrored "screen" that's really a shallow closet.

For your magazine library

Q. I keep my issues of House & Garden for years and would love to find some cases made to fit your old and new size issues. Can you help? —H.B., New York, N.Y.

A. To store your magazines as neatly as libraries store theirs, you can order slipcase files and bookstyle binders from Jesse Jones Industries, Dept. JL, P.O. Box 5120, Philadelphia, Pa. 19141 (free catalogue). Plain slipcases or binders can be stamped with the logo of any of over 11,500 publications. Or, if you order six or more at once, you can specify your own title at no extra charge. Or you can choose unstamped cases—with or without label holders—in either plain or patterned leatherette (reptile, burlap, denim, or woodgrain).

Jesse Jones also has cases and binders for telephone directories, cases for records and tapes. And—good news for print and book collectors—acid-free cases that help preserve papers as they store them.

If you're thinking of saving clippings rather than issues, consider the House & Garden Idea Box, a flip-top file box 12½ inches wide, 10½ high, and 5 deep. It's covered with beige lineny paper you can sponge with a damp cloth, and comes with seven colored file folders to help keep things organized. Can be sent only to addresses in the continental U.S. To order, send a check or money order for $12 to House & Garden, Dept. FB, Box 3562 Grand Central Station, New York, N.Y. 10017. Allow four to six weeks delivery. *Continued on page 64*

BY DAVID N. REDDEN

Look carefully at those toys in the attic

How to tell if a toy is collectible and which ones have the most value

Many years ago, I was given a collection of toys to catalogue for sale at auction. I had the heap of rusty cars and carts and fire engines spread across several tables—and what a dismal showing they made! Knowing the limitations of my expertise, I called in a toy-collector friend of mine. He looked over the drab pile with a somewhat disdainful eye, gasped, and asked if he could touch *that one. That one* was a scarred and broken 6-inch piece of what looked like scrap metal, so I said, "Sure, why not?" Well, it was broken, or at least horribly bent, but when it sold at auction, it brought $4,000. *That one* was an extraordinarily rare survivor of the turn-of-the-century playroom, a cast-iron Katzenjammer cartoon-character bell toy.

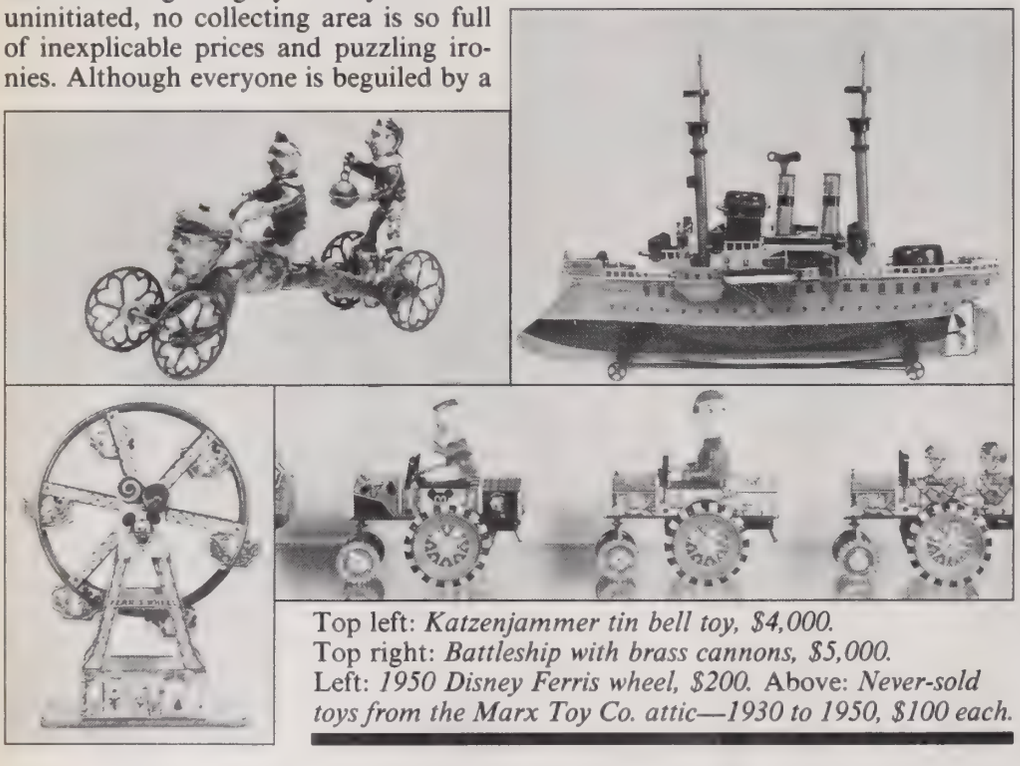
Rare toys, dolls, and automata, and not-so-rare ones, form a new and important collecting category. And yet for the uninitiated, no collecting area is so full of inexplicable prices and puzzling ironies. Although everyone is beguiled by a toy's innocent artfulness and mechanical ingenuity, it takes an experienced collector to appreciate the costly subtleties of the rare and valuable toy.

So, before you turn your attic inside out looking for that half-remembered cast-iron plaything with a bell somewhere on it, here are a few questions you should consider:

What is the toy made of? Toys have been manufactured since the Civil War and it is these manufactured toys that collectors covet. Earlier toys were generally unique and whimsical creations of ingenious craftsmen and as such fall into the category of folk art. For the most part, manufactured toys were made of cast iron or tin, although highly collectible toys have also been made of wood, paper, composition, and nowadays, of plastic, too.

Cast-iron toys have always been at the top of the toy-collecting line. They have presence, weight, and the period of their manufacture—essentially from 1880 to 1930—coincided with the golden age of toys. However, some not so entirely unsuccessful attempts to fake cast-iron toys, combined with their traditionally steep prices, have soured this market for collectors over the past year or two.

Tin, though, is considered impossible to reproduce—the tooling, especially for 20th-century windups, is much too complicated, and tin toys are generally much more of a bargain to buy. By nature, tin toys are lighter and more delicate than cast iron, and far more adaptable to a clockwork mechanism. Tin toys may be handpainted or colorfully lithographed with elaborate designs.



Top left: *Katzenjammer tin bell toy, $4,000.*
Top right: *Battleship with brass cannons, $5,000.*
Left: *1950 Disney Ferris wheel, $200.* Above: *Never-sold toys from the Marx Toy Co. attic—1930 to 1950, $100 each.*

What type of toy is it? Certain types of toys are particularly collectible. A "bell-toy" is an especially rare type of cast-iron or tin pull toy. Pull the toy across the floor and a bell is rung, often by some ingenious mechanism, involving perhaps rotating figures or nodding horses. Even more collectible, although generally more common, are cast-iron "mechanical banks," which encouraged thrift by making the passage of a penny from fingers to vault as exciting as possible, usually through a combination of levers, springs, and trap doors. Tin spring-wound "wind-up" and friction toys are greatly appreciated for their action, too. Tin mechanical banks do exist, but are exceedingly rare.

What is the subject? Watch for cars and motorcycles, boats, fire engines, horse-drawn carriages, toy soldiers, trains, zeppelins and airplanes, any toys using comic-strip or Disney characters or circus themes. Each of these areas has its own band of impassioned collectors.

In what condition is the toy? Take great care to examine the condition of the toy. Remember many "antique" toys survive, but few have escaped the vicissitudes of the nursery floor. The avid collector spurns a damaged toy, but will eagerly compete for an example in fine condition.

Toys are fragile. Paint chips, cast iron rusts, springs are overwound. Substantial paint loss halves the value of all but the rarest toys (those, collectors will take happily in *any* condition), and missing parts, often hard for the novice to determine, are anathemas, often totally destroying the value of an interesting toy.

What is the value? In determining value, don't worry about age or size. Look for quality, condition, and imagination. And watch out for rarity. A potentially boring toy can be surprisingly valuable, simply because the original demand was so (understandably) low that only a handful was ever made. And look out for crossovers among collectors. For ex-

Continued on page 70

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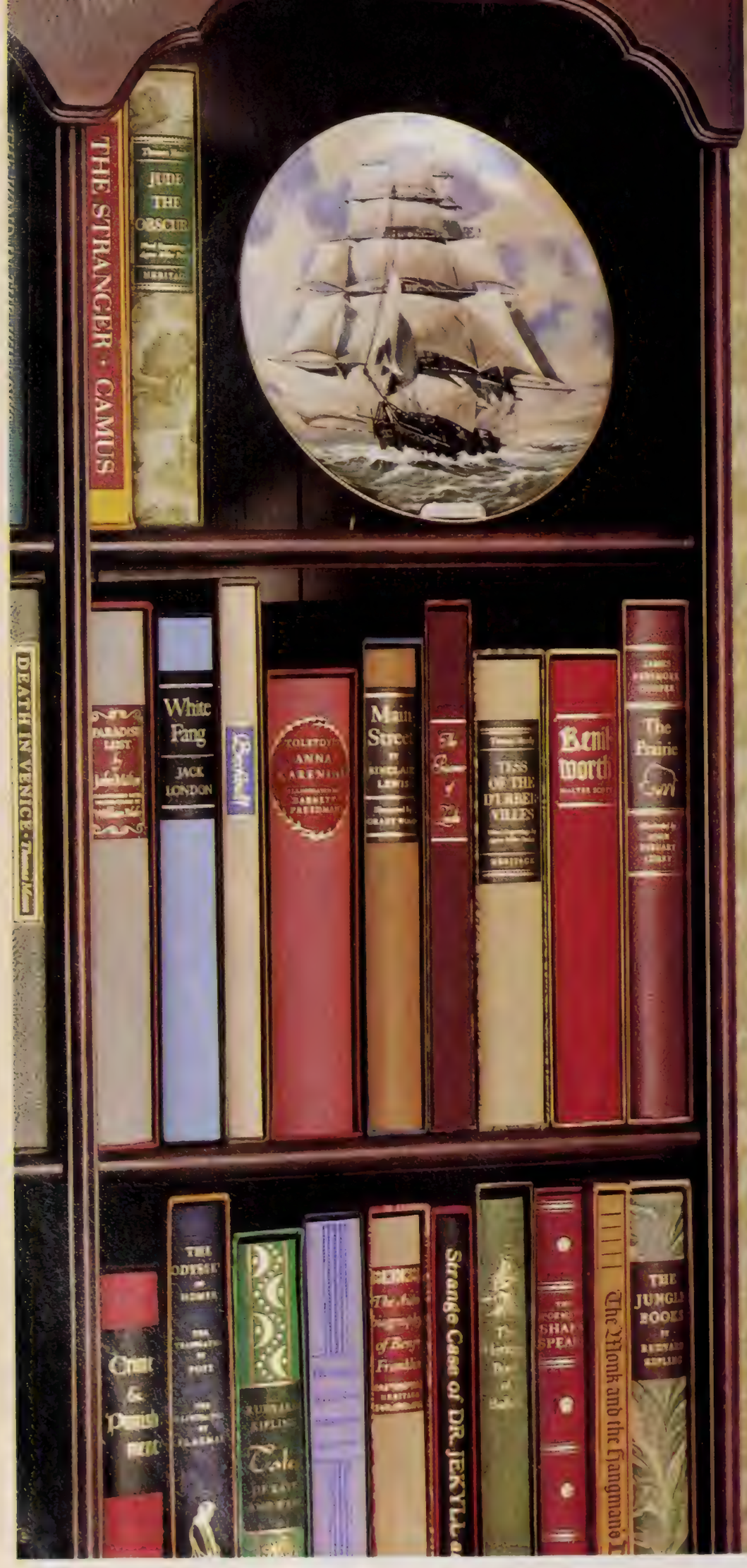

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BY CLAIRE WHITCOMB

At Amelia Island Plantation (30 miles from Jacksonville on Amelia Island, a bridge away from the Florida coast), beach villas are tucked behind protective dunes, and a 27-hole golf course (designed around the environment) curves through tidal marshes, beach, and forest land. Four conservancies preserve the natural beauty. You can stay in a villa on any part of the Plantation (near the beach, a swimming pool, or tennis courts)—all are 2- or 4-bedroom condominiums with complete kitchens, plus washers and dryers. A shuttle van ferries you everywhere. (No need for a car—bikes are a favorite way to get around.) There's a grocery store on the island—along with three good restaurants—plus craft shops and sporting goods stores. There's lots to do on Amelia Island—but the reason for going may well be your children.

Junior explorers, amateur pirates, budding botanists, and any child from 2 to 12 can sign up for a daily program of activities that are fun and filled with friends. Choose a half- or full-day program (or sign up by the week) for fishing (in the island ponds), crabbing (in the marshes), swimming, beach games, arts and crafts, nature hikes, musical games, puppet shows, story hours—all under the guidance of a full staff of youth counselors. The children are picked up at the beach club and divided into groups by age. At noon or 4 p.m., they're back at the club. For children 8 years or older, golf, tennis, and Red Cross swimming lessons are available. At night, sign up for movies, hayrides, marshmallow roasts—or overnight camping with the youth counselors. (The children are bundled into sleeping bags at a special cabin for a night of songs and games around the campfire.) Family favorite: weekly cookouts—hamburgers, fish fries, and Southern specialties. More to do on Amelia Island: visit the restored 19th-century town of Fernandina Beach with its carefully preserved Victorian houses. The children's program costs $9 a day for the first child, $6 for the second. For more information, see page 58. ■

. FRANCES PHILLIPS

SKI-TOURING IN YELLOWSTONE NATIONAL PARK

BY FRANCES PHILLIPS

When the cold winter winds whip through the caverns of New York City and the February temperatures hover in the thirties, many New Yorkers leave winter behind and head for a tropic isle. But not me. I headed for Yellowstone National Park.

I left the city at dawn and flew to Denver to make connections for Jackson Hole, Wyoming. The next morning everyone bound for Yellowstone met at the Wort Motor Hotel in Jackson to catch the tour bus for the first leg of the journey to Old Faithful, the only Park location with winter accommodations. The first stop was at the Flagg Ranch just south of the Park entrance. Here we transferred from the bus to a snowcoach.

The snowcoach is an interesting breed of vehicle, with skis for front wheels and tank-like treads for back wheels. It seats ten to twelve passengers in friendly banquette seating and is the only way to travel in the deep snows of the park, other than on cross-country skis or by snowmobile. A rear rack holds skis and baggage. Three coaches were needed to transport today's group of day-trippers or those like myself who planned to stay for several days.

Our bearded driver introduced himself, made sure we were all settled, and we jolted forward, heading north. The approximately-40-mile trip from the southern entrance up to Old Faithful took about three hours. And the comfort scale varied from a very smooth ride to the feeling that we were on a roller coaster. But there was no question that we had entered one of the most spectacular winter wonderlands in the country.

The snowcoach rambled along the high snowbanked road. One minute we were surrounded by towering lodge-pole pines, the next we were facing spectacular vistas. Our driver was very accommodating and volunteered to make a stop whenever a photographer in the group felt inspired. Our scheduled stops included Moose Falls, Lewis Falls, and the geyser basin at West Thumb. Before our caravan reached the Old Faithful Snow Lodge, we had crossed the Continental Divide three times.

The winter accommodations at Old Faithful include rooms in the Snow Lodge, with or without a private bath, and cabins that are nestled around the Lodge. Not one to leave a romantic snowflake unturned, I had booked a cabin. After checking in, I was given my key and a map of the hundreds of cabins that surround the Lodge, with directions to find my way. The snow drifts outside the habited cabins were bordered with skis and poles, standing at attention, waiting for their next excursion. My cabin was rustic, but comfortable and cozy warm.

After lunch, cafeteria-style in the Lodge dining room, I armed myself with information and maps at the Visitor Center and headed out to explore the Upper Geyser Basin—the geyser area which includes Old Faithful. The trails nearby were hardpacked so that I could navigate without skis.

Continued on page 54

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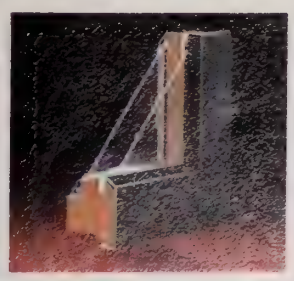

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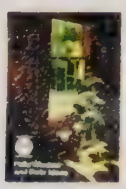

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GOING PLACES

continued from page 52

The thermal features in Yellowstone are the product of 70 million years of geology at work. Only Iceland, New Zealand, and Siberia have comparable geyser activity. The largest concentration of geysers in the world, however, is in the Upper Geyser Basin of Yellowstone. Predictions of eruption times of the five major geysers are posted in the Visitor Center.

The natives—the mule deer, the elk, and bison—were scattered throughout the area. The animals migrate to the thermal area in the winter for the warmth and for an exposed place to feed. Since the Park Service does not provide food for the animals, visitors are warned not to frighten them. Unprovoked, they seem content to have outsiders wandering about. Before the afternoon was over, I had witnessed Old Faithful's and Riverside's eruptions and had been eye-to-eye with a buffalo.

My second day dawned gray and snowy. After breakfast I joined the ski class of the morning gathered outside the Bear Den, a small, one-room cabin-like structure with a wood-burning stove that serves as the ski shop. The class lasted about an hour, and after final instructions in maneuvering up and down hills we adjourned, assured by our instructor that we were ready for all but the most difficult trails. Since skiing alone is forbidden, three of us immediately set out on one of the shorter trails—to Kepler Cascades.

We lost sight of civilization as we wended our way to the trail head through a cluster of cabins. I was not prepared for the overwhelming beauty. There were no sounds except the shussing of our skis as we broke trail for the day. Our journey wound through small groups of bison and elk feeding around the steaming hot springs. The sun was gleaming now and we had shed our outer garments by the time we reached the cascades. The lookout was a most impressive picnic spot, with not an ant to annoy us. We spread our fare (the Lodge provides box lunches), and basked in the serenity of the moment. But it was hard to sit still for long when there was so much to explore, so we were soon on our skis and off again!

Dinnertime at the Lodge was very relaxed and conversation was consumed with talk of trails skied, weather and trail conditions, and the next day's agenda. After-dinner activity included ski-touring films at the Lodge and Ranger talks at the Visitor Center. My after-dinner activity that night was a brandy and bed. Exhausted!

The three of us met early the next morning, collected our box lunches and started on our journey for the day—to Mystic Falls, about five miles round trip. We were the first to ski to Mystic that day. The trail was well marked, however, with orange disks attached to the trees to point us in the right direction. If yesterday's outing was spectacular, today's was even more breathtaking. This trail wandered through densely-wooded areas, into open areas dotted with hot springs and grazing animals, over narrow foot bridges and back into the woods. The silence was awesome.

My last morning in the Park was the most beautiful I had seen. The snowfall the day before had covered everything with a new mantle of white and the early morning sun added an extra sparkle. As I collected my baggage and settled in front of the fire to await my coach, I realized that I had not allowed enough time for this wonderland. There was still the day trip to the Grand Canyon of the Yellowstone, an adventure through deep forests to a canyon of ice and snow. And the trails to Fairy Falls or Mallard Lake.

Well, there was no question that, like the old bison that return to Old Faithful each winter to claim their territory, I would be back. ■

A learn-to-sail holiday in the Islands

BY CLAIRE SCHOEN

Before I set out for a 10-day sailing vacation in the Caribbean, I had plenty of questions: "Is the boat big enough?" "Will I get seasick?" "What should I bring?" After it was over, I still had one question: "When can I go again?"

I flew to Marigot, St. Martin, to meet four boats on the "Beyond the Virgins" cruise organized by The Moorings, one of the largest charter operations in the Caribbean. Because my sailing experiences were limited, I went on the skippered boat of the fleet. Our boat was the 37-foot Gulfstar named Ursula, captained by Lu Moody and his wife Siew Hoon. My cabinmate was Dorothy Webster from Texas.

The first day was spent in harbor, exploring Marigot. The boats had been sailed from Tortola, a 25-hour trip through the Anegada passage, so everyone was looking forward to a day ashore. St. Martin is half French, half Dutch, with Marigot the capital of the French side. It's a small, lazy harbor town, but there's a busy fruit market in the morning. Also lots of French shops. Orchida sells expensive leather imports; Little Switzerland is a good place for duty-free watches, china, jewelry; there are still small French-speaking grocery stores and cigar stores, often a good place to pick up postcards.

It doesn't take long to get used to boat life—swims before breakfast, afternoon naps on the front deck, and dinner cooked on a hibachi over the stern railing are all part of a day. We lived in jeans, T-shirts, and bathing suits. Not

Continued on page 57

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Going places
continued from page 54

even a sundress was necessary. Perhaps the hardest thing to get used to was the fact that the dinghy was the only transportation to shore, and everyone had to plan accordingly.

The trip was a good combination of days spent in ports like Gustavia, St. Barts, above, *and days sailing on a 37-foot Gulfstar,* inset.

After Marigot, we sailed to Anguilla, just west of St. Martin. On the way over, some of us fished, some sailed. And some just enjoyed the sun and fresh air. I had no more questions.

Anguilla is small, 8 miles long, 3 miles wide. We spent two days—one a day-sail to nearby Prickly Pear Island, the other exploring the island by taxi. After restocking our ice boxes—Anguilla has one of the few ice factories in the Caribbean—we hoisted sails to head back around St. Martin to St. Barthelemy. A long sail, we stopped for the night at Crocus Bay, a beautiful cove lined with limestone cliffs. Next night we anchored off Green Cay, our own desert island. That evening, a barbecue on the beach for several of the boat crews.

St. Barts is another fairly developed island, and we had two days to spend in its port, Gustavia. The combination of days spent sailing and stopovers-in-port made the vacation seem like a two-for-one bargain.

Although St. Barts is a French island, traces of its Swedish past linger. Both flags fly in the harbor, and many street signs are in both languages. To get a better idea of the island, Dorothy and I rented a VW ($25 at the airport) and covered the entire island in just a few hours. From the airport through St. Jean, around Grand Fond, and back to Gustavia, with a side trip to Corrosol, where women dressed in traditional Norman costumes sell handwoven straw goods.

Our final sail: back to Phillipsburg, the Dutch port on St. Martin. Perhaps the busiest of all places we'd stopped, I was glad we had saved it for last. It made a nice entry back to shore life, and was also the best for last-minute shopping. In the course of just a few hours, I found some wicker baskets for planters, a Hawaiian-style island shirt, and some coral earrings, leaving behind a sundress and some Mexican pottery.

I had to leave the trip before the sail back to Tortola, in time to get to work Monday morning. As I sat sipping a fruit punch at the West Indian café, I came up with another question: "Isn't there some way I could legitimately miss the flight home?" A friend told me of an old sailors' trick. "Just send them a telegram: 'Galebound. Return soonest.' "

For information on "Beyond the Virgins" and other sailing cruises, write The Moorings, P.O. Box 50059, New Orleans, La. 70150 or call (800) 535-7289. ■

Craft buys in Vermont

BY DEE HARDIE

If you're skiing in the Mad River Valley or Stowe this winter, why not take an afternoon off and visit Burlington, 40 minutes away? Though Vermont's largest city, Burlington has a small-town, old-time flavor. At Bennington Potters North, 127 College St., you'll find agate stoneware, blue, brown, and black, for 40 percent lower than other retail outlets. These are excellent "seconds"—Bennington Pottery that hasn't been sorted. Also available: pure Vermont honey from Moon Shine Apiaries. Use it for a warming winter drink: spearmint tea with honey and hot milk. At April's Attic, 197 College St., period clothes from the 1800s to the 1940s—lovely long lace petticoats, soft leather shoes from 1918 for $15. At Agenda, 28 Church St., contemporary pottery by George Scatchard. Every piece is hand thrown, from chandeliers to soufflé dishes, in clay color and blue. For lunch try the Ice House, 171 Battery St., where chunk ice from Lake Champlain was stored at the turn of the century. The building is beautifully restored. The lunch specialty: fried oysters and Swiss cheese. And for the best ice cream in town, go to the University of Vermont's dairy bar, Route 2, where students make and sell their ice cream as part of their course. ■

Continued on page 58

Our Free 76-Page Guide Will Keep Georgia Fun On Your Mind.

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Going places
continued from page 57

Booklets to help you plan your trip

To plan better vacations, here are some booklets that give you information about where to go and how to get there. Just fill out the coupon below and return it.

1. Dream of sailing the Caribbean? **The Moorings** is where to begin. Located on Tortola—one of the British Virgin Islands—The Moorings is a hotel with a fleet of sailing yachts to rent. There's a staff of experts to brief you on the islands and crews for hire.

2. Amelia Island Plantation: 900 acres with villas, beach club, golf, tennis, health club. Forests, tidal marshes to the west, untamed sand dunes on Florida's Atlantic coast.

3. Alabama Has It All—a detailed listing of houses and gardens. One star garden: Bellingrath Gardens near Mobile—always in bloom. A wonderful Greek Revival house: Sturdivant Hall, in Selma. Best sports: deer hunting and fresh-water fishing. Alabama—grand Southern living.

4. Can waking up to a gas pump be as nice as waking up to bacon and eggs? Sometimes, yes—and Days Inns can give you both. They're a group of hotels in 28 states. Families find big rooms, restaurants, and very, very good rates. (The gas pump is open on Sunday.) **The Days Inn Directory.**

5. Florida's General Information Guide describes the six main vacation regions, lists facilities and attractions. The weather—month-by-month. Spas, springs. Fishing—bass, marlin, and how to charter boats. Golf, beaches, jai alai, and "tubing" (riding streams on an inner tube).

6. Go to **Indian River Plantation,** a resort on Hutchinson Island, southeastern Florida, for secluded beaches, tennis and golf, fishing, oceanfront apartments.

7. Georgia: Where Interstate Odysseys Are Fun helps the motorist organize excursions. The mountains for Appalachian handicraft shops. Callaway Gardens for chrysanthemums plus. The Atlanta Historical Society for its restorations—a 1920's Palladian-style house and a plantation farmhouse.

8. The Cloister Hotel, Sea Island, Georgia: little inns, guest houses, cottages to rent. A 5-mile private beach, a stable with 60 horses, swimming pools, golf courses, skeet club.

9. North Carolina: Down Home in High Style describes the state by region: The Coast—fabulous off-shore islands called "The Outer Banks." The Midlands—lush, rolling hills and forests. Charlotte, Winston-Salem, Raleigh. Tobacco country. The Mountains—highest east of the Mississippi. The Cherokee Indians live there. You can buy crafts, visit the new museum, go white-water rafting, hike a scenic stretch of the Appalachian trail.

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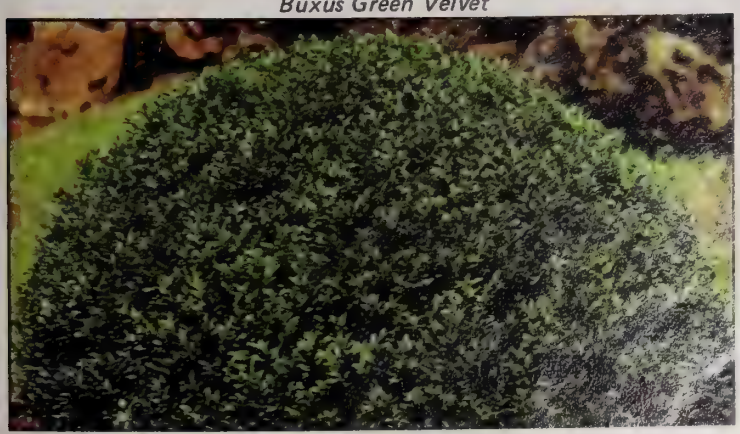
Clematis Spooneri

Buxus Green Velvet



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BY RICHARD LANGER

How often should I water my plants?

How much to water, when to water, tap water vs. rain water, how to make super water, and more

There's a house plant for every environment—no sun, lots of sun; dry air, high humidity; cool, warm. You name it, something attractive will grow as long as it gets water.

Everything from the fullness of a plant's cells to the transportation of nutrients depends on water—the equivalent of the animal's blood. The plant knows just how much water it needs, but it has to be able to get it. This is where you come in. And the most frequently asked of all house-plant questions, "How often should I water my plant?" has only one true answer: "As often as necessary."

There *are* some basic points to consider to help you determine what's right for your plant. A large plant in a small pot, for instance, needs more water than a small one in a large pot. If the plant has been repotted recently, chances are the root ball is rather small in relation to the pot's volume, which in turn means less water absorption than if the roots filled the pot. Also, sunny, windy, warm weather means transpiration and evaporation at a higher rate, so you'll need to increase the watering. Lastly, a plant is much thirstier during periods of active growth than at other times. The sprouting of buds and young leaves is a sure indication that more water will be needed.

If your greenery falls into the constantly-moist category, you want to water well whenever the surface feels dry but the soil underneath is still moist to the touch if you wriggle your fingers an inch or so down into it. Moist means just that—not wet. Except right after watering, the soil should not stick to your fingers and water should not drip out when you squeeze a bit of soil into a ball. If it does, it's too wet.

For plants in the drench-then-let-dry category, the soil should feel quite dry even an inch or two below the surface before being watered again. This doesn't mean dust-dry—some moisture is needed to keep the roots from drying out. Incidentally, you don't have to bury your fingers every day to check. Visually, dry soil looks lighter than wet. Still, it's a good idea to finger the soil occasionally while you're getting the feel of watering.

You'll find watering really becomes automatic once you get to know your plants' needs. Meanwhile, there *are* a couple of basic rules to follow. First, use tepid water, never cold. The only possible exceptions to this are miniature roses and cool-loving plants, but even these don't like a frigid root bath. Most indoor plants are tropical. Cold can send them into shock. But that's only the negative side. Consider some of the research done at the Danbury School of Horticulture in Connecticut. Stocks (*Matthiola incana*) were cared for with water at a consistent 90 degrees—much warmer than most gardeners would usually use. The result? Plants matured 5 weeks earlier than their normally watered counterparts. And the plants had lusher, longer stems. Try it with your greenery.

(Continued on page 62)

In a bathroom for easy watering, plants by Melisande Congdon-Doyle.

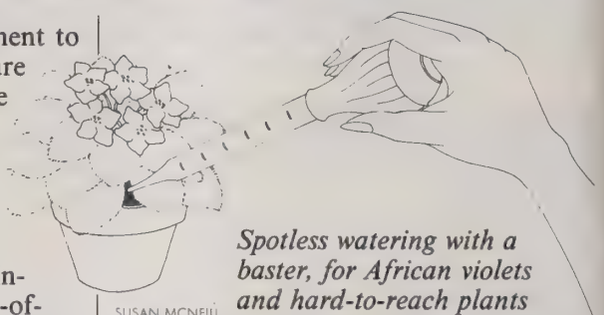
Equipment to make watering easier

Probably the best piece of equipment to come along in ages for making sure house plants have a comfortable environment is the hot tub. Now I'm not suggesting you take your house plants with you for a bath. What I'm talking about is the humidity.

A hot tub in a greenhouse, for instance, would produce Garden-of-Eden-like conditions for your plants. As long as the air circulation is good, the more atmospheric moisture there is around your plants, the better.

If there's no hot tub in your or your plants' future, consider purchasing a humidifier. Even with house temperatures being set lower these days to conserve fuel, which in turn raises the relative humidity, there are still very few homes where the air is not dry by the plants' standards. Dry air, of course, doesn't do your wood furniture any good, either. Remember, it too was a plant once.

Misting is a help in dry homes. But it needs to be done often in order to be fully effective. Otherwise, the plants are comfortable, dry, comfortable, dry, and after a while don't quite know what to do. If you can, spray at least twice a day, since the spraying, besides providing humidity, will also wash off the plant—eliminating spider mites and other problems before they become serious.



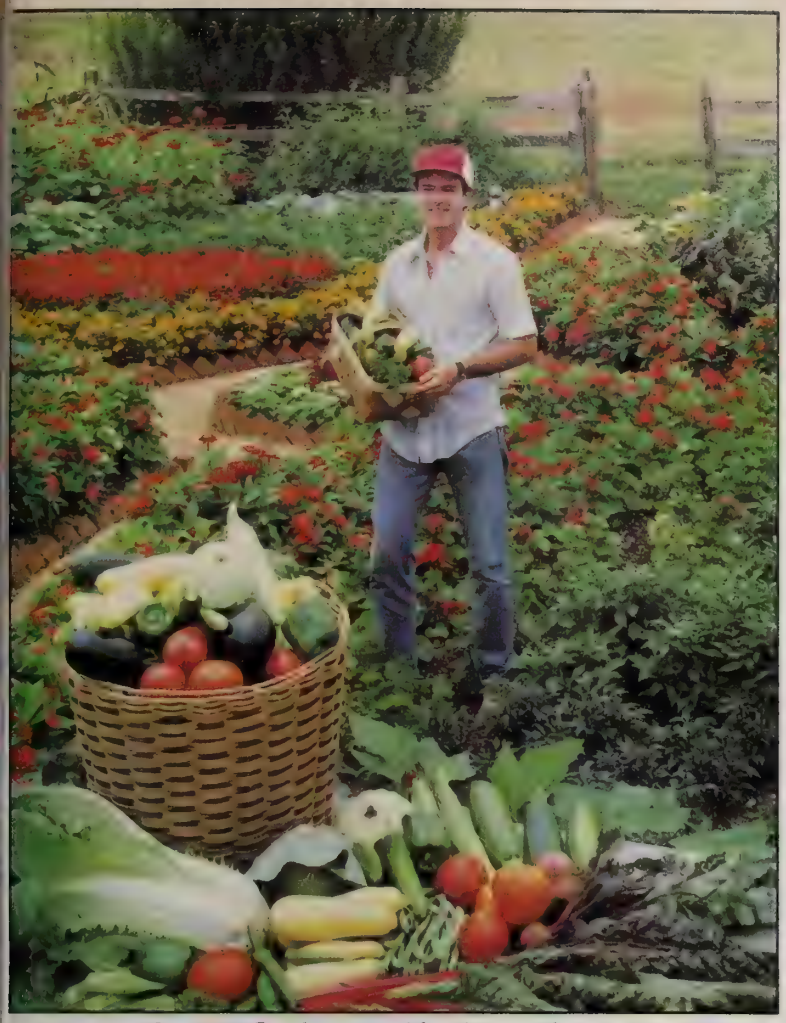
SUSAN MCNEILL

Spotless watering with a baster, for African violets and hard-to-reach plants

As to watering itself, when all is said and done, the most important piece of watering equipment you need is a good old-fashioned watering can. And when I say old fashioned, that's just what I mean—not one of those little plastic ploppers with a curved spout, but a real watering can.

The best I have ever found is the Haws. Made in England, it has a two-piece spout that can easily be cleaned of debris and is long enough to reach between pots to those in the back tier without slopping water onto the floor. It's expensive, but well worth the investment.

One piece of kitchen equipment that's perfect for plant care, although it wasn't designed for that, is a baster. It can be easily filled and squeezed out in hard-to-reach spots, and under leaves when you want to avoid the leaves themselves as in the case of African violets. ■



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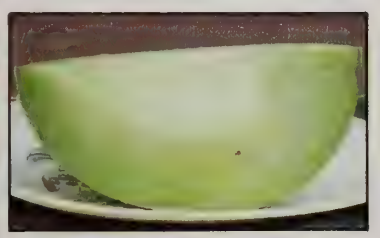

Honeydew Pineapple Hybrid

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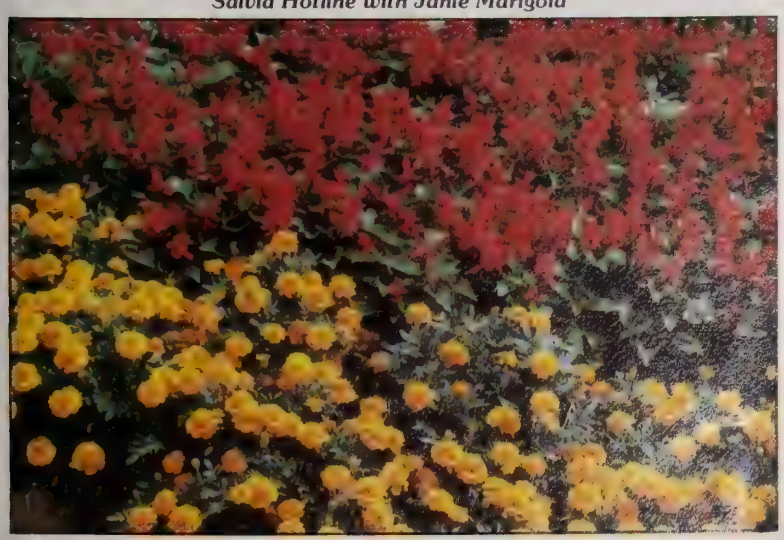

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continued from page 60

Along the same lines, Dr. William Carlson of Michigan State University has established that using 45-degree water on plants whose soil is 70 degrees, or room temperature, reduces the soil temperature for a full 8 hours before it returns to 70. Since warm soil is essential for the good growth of most house plants, cold water can cause real setbacks.

Another thing to consider when watering—don't stint. Flood the plant from the top. If this seems to contradict the caution against overwatering, remember that you have potted your plant with good drainage and that you are allowing enough time between waterings. All the water should drain from the top of the soil within a couple of minutes. If it doesn't, the soil is packed too heavily.

The reason you should flood your plant to such an extent that some water always drains out into its saucer in which it is placed is twofold: Percolating down, the flood adds oxygen. And it ensures good root development. Cautiously sprinkling the top of the soil usually means that only the upper half of the pot gets enough moisture. Main root growth then occurs there, leaving the bottom half bare. The plant grows half as well as it should.

An old wives' tale that has grown up with modern technology and the popularity of house plants is that the best water is rain water, since it contains no impurities, like chlorine, to harm plants. On the contrary, in heavily industrialized areas, today's rain water can be positively lethal. Its potential for disaster is on a worldwide scale. One harbinger of the many problems man's dirty rain may cause in the decades to come is the "acid rain" of Scandinavia. It is stunting the lichen on which the reindeer depend for their main nourishment. The reindeer in turn are becoming smaller with each passing generation. Closer to home, the Lincoln Memorial in Washington is literally melting away in the acidic rain. Where once it might have stood for eons, now it and many other monuments will probably crumble in a couple of hundred years. So watch out where you collect rain water. It's not as pure as you might think.

The point about chlorine, however, is well taken, except that the chlorine content of tap water is usually not high enough to do much damage to your greens. Still, if you have an unsolved problem with your plants, try letting the water stand overnight in a tub or watering can to allow the chlorine to evaporate. It will also raise the humidity, which benefits the plants.

Another water problem is hardness. Or perhaps I should say the real problem is the cure. If you have a water softener and your plants are not thriving, the softener may be your problem. Ion-exchange water softeners replace calcium and magnesium with sodium and chloride ions. Fill the watering can from a faucet—one outside the house, for instance—that is not connected to the softener. House-plant lovers in areas of New Mexico and Arizona with really alkaline water sometimes have to use bottled water, both for their own taste buds and their plants' health.

Water from a dehumidifier is helpful, too. Many of us who have a dehumidifier in the basement or some other damp spot throw the water out just from habit. Yet since it's essentially distilled, this water is an excellent source of chlorine-free room-temperature refreshment for your plants. It's also fluoride-free.

Fluoridated water, part of the municipal service in many towns, may help to keep your teeth healthy, but it can also turn your greenery brown. Brown leaf tips on your chlorophytum (spider plant) or on your dracaenas may be indicative of a fluoride problem. Agave, maranta (prayer plant), and the whole lily family have also been reported afflicted with fluoride browning.

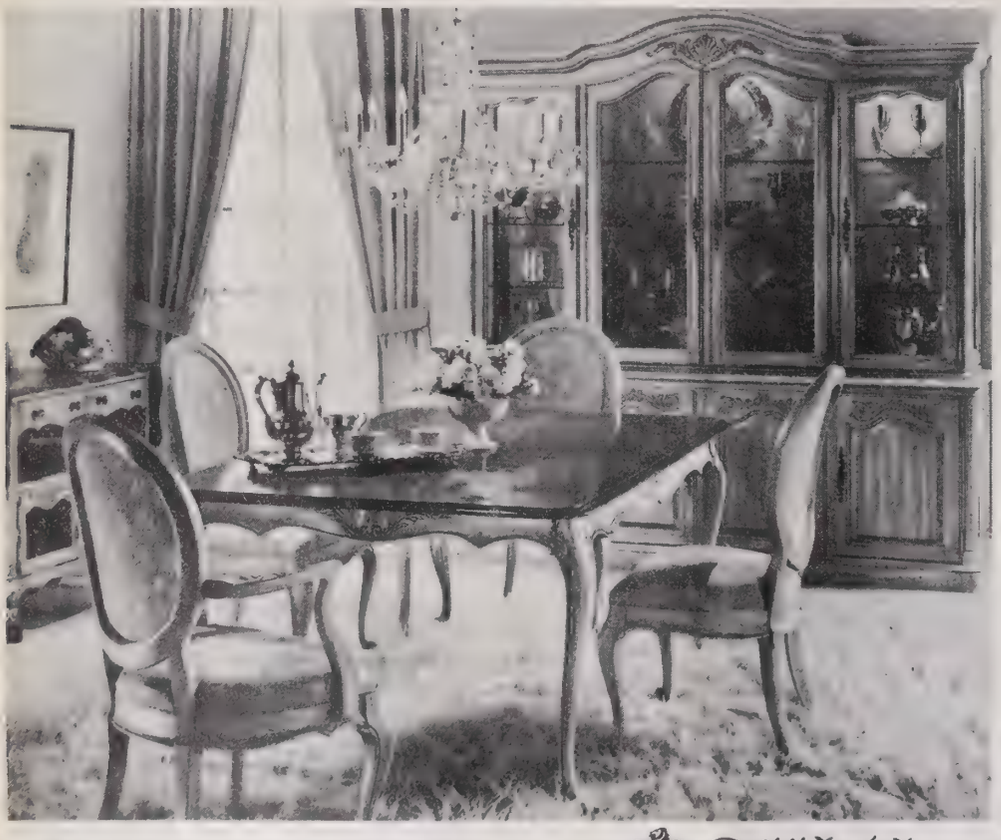
Fluoride occurs naturally in water at about 1 part per million and up to 3-5 parts per million in some areas. So even if you are in a nonfluoridated town, it could be a culprit if natural levels are unusually high. Adding powdered dolomite limestone to your soil will help counteract a possible fluoride problem. Also, if you are worried, avoid perlite in your soil mixes and superphosphate as fertilizer. Both of them can raise the fluoride level in potting soil. And, of course, you can use that distilled water from your dehumidifier or the old-fashioned rain water in some parts of the country.

Super water

Recently Russian scientists have announced the discovery of "wonder water." Take water, boil it, and presto, you have a treat your plants can't resist. Surprisingly, there may be something to this simple process. Certainly the publication of a well-documented article on wonder water's effects on the growth of various vegetables and grains in the prestigious magazine *Science* lends credence to the discovery.

Super water, like so much in science, came about through a serendipitous accident. Vadim and Igor Zelepukhin, working at the Institute of Fruit and Vine Growing of Kazakhstan, were studying the uptake of water in leaves. The experiment involved comparing the absorption of glacial meltwater, tap water, and boiled water. Vadim happened to spill the boiling water. So as not to ruin the experiment, the team immediately boiled some more. But they didn't have time to let it cool normally, so they forced it down to 20 degrees centigrade by running cold water on the pot.

Continued on page 64



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HOUSE PLANTS

continued from page 62

To their surprise, the Zelepukhins found that the leaves drew up much more of the boiled/chilled water than either of the other samples. Further experiments showed a 10-40 percent growth increase in crops grown with super water. The question was why.

The answer turned out to be that the water was biologically more active because the gases in it had been driven out. This fitted in neatly with the claim, made previously by a small school of biological scientists, that the water in living cells was more structured, or organized, than normal water. That is to say, it had been degassed by the plants themselves.

Without going into molecular biology, what it all probably means is that since degassed super water is more like that within the plant itself, the plant needs to do less work to grow more. Whatever the case, it seems to work.

If you want to try to perk up some of your house plants with super water, bring a couple of quarts of water to a rolling boil. Now keep it there for at least 5 minutes. Pour it into preheated Mason jars, right to the top. Screw down the rings and lids immediately. Hold jars under cold tap water until they are cool and a slight vacuum forms. Store in the refrigerator until needed.

Unlike opened beer, which goes flat, super water will reabsorb gases once the jar has been opened. So let your plants drink the whole thing.

If you don't have room in the refrigerator, or "canning" sounds like too much trouble, just boil up extra water when you make tea or coffee in the morning. Cool it by plunging the pot into a sink of cold water and use it as soon as it's tepid. If you water with it right away, there's no chance for the gases to be reabsorbed before the plants have had their morning brew. ■

DEAR H&G

continued from page 47

Squaring a room

Q. My living room is a long "shoebox." How can I make it look wider?
—S.H., New York, N.Y.

A. While only a professional interior designer who has seen your room can give you specific advice, there are some tricks-of-the-trade designers often use to make "shoebox" rooms look wider:

—Mirrors on one of the long walls.
—Ceiling beams that bridge the side walls.
—Two tints of wall paint, the darker or more intense tint on the narrow end walls, the lighter on the side walls.
—A horizontal focal point on the narrow end walls: A banquette, dado, chair rail, or floor-to-ceiling draw curtains (perhaps with a distinctive valance).
—A desk or table on, or closely parallel to, an end wall.
—Horizontally-patterned wallcovering such as grasscloth, or a narrow mattress-ticking stripe on one end wall.

Of course, not all these things should be used together in one room. Please consult an interior designer or department store decorating service for advice on which devices would be most effective for your particular room. Designers and services generally have minimum fees.

To see how architect Sam Neustadt remodeled one apartment proportioned just like a shoebox, turn to page 88.

Entertaining idea

Q. To turn card tables into extra dining tables, where can I find folding circular tabletops?
R.C., White Plains, N.Y.

A. You can order folding "card table extenders" 48 inches in diameter—to seat six—from Hammacher Schlemmer, 145 East 57th St., New York, N.Y. 10022 (catalogue $1). It offers two models, either of which fits 30- to 35-inch-square tables: The Masonite model (specify #XZ50181), covered in foam and black vinyl, costs $23.95 plus shipping (20 lbs.). The plywood model (specify #XZ48), with metal hinges, $39.95 plus shipping (26 lbs.). You might also check firms listed in the Yellow Pages under "Party Supplies—Retail & Rental." ■

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George Washington never slept at any of them, of course. But Cornwalli (a gentleman who reportedly caused him to lose quite a bit of sleep) did.

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NORTH CAROLINA

continued from page 48

ample, cast-iron and tin bell toys sell for between $400 and $1,500, but that Katzenjammer bell toy did so well because it also entranced comic-strip-character collectors. In the same way, a good German tin toy might sell for from $200 on up. However, Lehmann's "The Powerful Katrinka," a character from the Toonerville Trolley, sold at auction for $425. And up at Christmas at PB Eighty-Four in New York was a tin-and boat-collector's dream, a turn-of-the-century 35-inch battleship "Weissenburg" by Marklin of Germany, with brass cannon and a wind-up motor. It was expected to sell for well over $5,000.

Cast-iron mechanical banks sell typically for $200 to $2,000, with rare examples far exceeding the top figure and the average bank fetching $400 to $800.

Character value: "The Powerful Katrina," a German tin toy, sold for $425.

"Uncle Sam" (he drops the penny from his hand into his portmanteau and smiles broadly), is a good example, and his recent auction price was $475.

Even contemporary toys are highly collectible—a Disney Ferris wheel from 1950 sold recently for $200.

When is a toy an antique?

Given the eagerness with which collectors are buying toys even from the 1950s (primarily comic strip character toys), the definition of "antique" toys has become rather strained. Certainly, going through the attic even for "modern" toys makes some sense. In fact, the Marx Toy Company did just that several years ago when it went through its own "attic" and found a storeroom or two full of production samples, neatly boxed and untouched, from its 1930s, 40s, and 50s toy lines. I was asked to organize a series of auction sales of these "antiques" at PB Eighty-Four in New York and Sotheby Parke Bernet in Los Angeles, and I did so with some trepidation. The results were extraordinary. Collectors were happily prepared to pay anywhere from $100 for a toy in mint condition in its original box that might have retailed 35 years ago for only $1.50.

Are there toys being made today that might be profitably set aside for posterity? I suppose it would have to be movie theme toys—*Star Wars,* for example, or toys connected with a television series. My wife, who is a toy designer (we met over that Katzenjammer bell toy), insists that the collecting future lies with Japanese plastic toys. Actually, she is already collecting them. And there is no question that they show extraordinary imagination, styling, and workmanship.

But for the new collector of "antique" toys, I recommend turn-of-the-century tin toys (and study of David Pressland's book *The Art of the Tin Toy*—$35, published by Crown). I also might suggest that thought be given to an area overlooked by current collectors, and that is larger toys: rocking horses and early metal "ride-ons," good examples of which can be found at auction for under $250. ■

Cast-iron mechanical banks average $400 to $800. Uncle Sam, right, a typical example, sold for $475.

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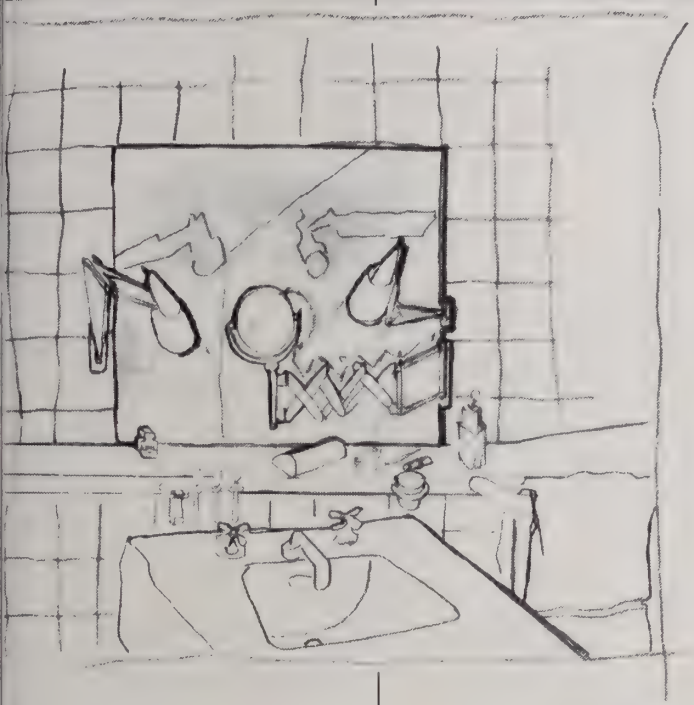


Lighting

For perfectly applied makeup, Pablo Manzoni, Elizabeth Arden's makeup expert, suggests attaching lights to mirror at face height, not overhead, with an accordion mirror for magnified closeups.

In windowed baths, Pablo likes to place a lighted mirror alongside a window, both above a double vanity. That way you can make sure you look your best around the clock by checking makeup in natural and artificial light.

Space makers

Put wasted space above the bath to work storing towels, with a row of industrial metal towel bars that can be ordered in a variety of sizes from the G.M. Ketcham Co., Richmond Hill, N.Y. 11418

For additional storage, hang shelves above the toilet from adjustable metal strips. So you don't bump your head, deeper shelves should be placed near the ceiling with narrow shelves below. Paint shelves and stripping to match.

Architect Richard Sygar suggests giving a small bath a big bonus of storage by installing a shelf 12 inches below the ceiling all the way around the perimeter of the bathroom.

If you have a window in your bath, for storage that has easy access but hides clutter, Richard Sygar says extend window frame, place shelves inside facing one another.

For bathroom windows with no view, designers Barbara Schwartz and Barbara Ross create extra storage space by building cabinets into the recessed area and mirroring the walls around them.

A storage idea for small baths from designer Susan Zises—place a 12-inch-deep Lucite shelf over the door.

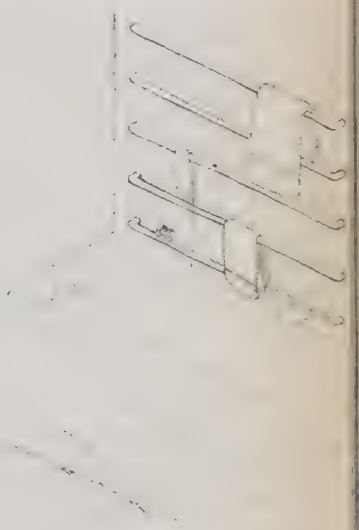
If you are installing a new tub, try placing it in a stepped platform that incorporates storage drawers and cabinets.

Coverups

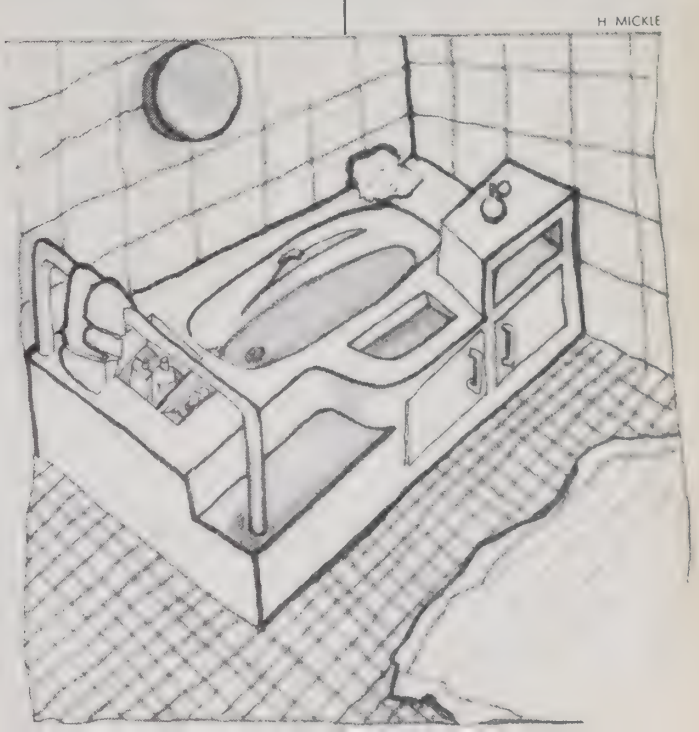
Hide plumbing and bottles under the sink with shutters just under sink height. Shutters are available in many finishes and can be hinged to create a screen.

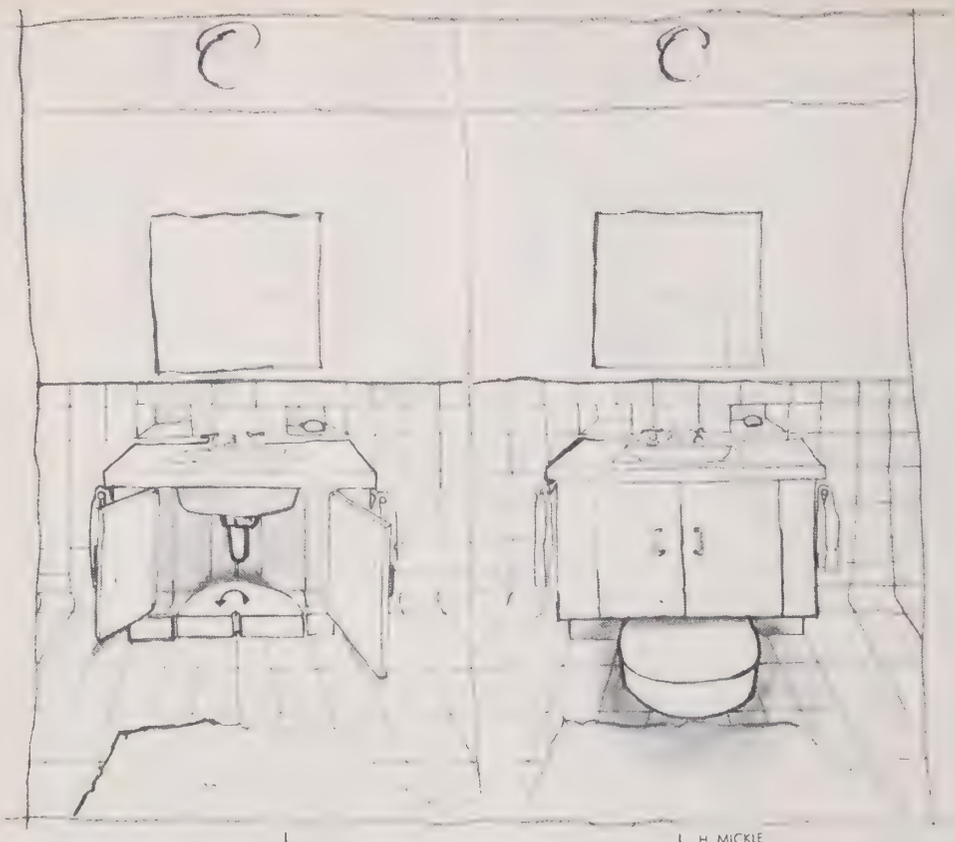
Or shir a fabric skirt, as Frances Phillips does, and attach it to the sink with Velcro. Make it out of fabric to match the shower curtain.

Also from Frances Phillips: Camouflage a viewless window by painting a scene on a window shade. Or create your own view with plants placed on glass shelves. Ferns thrive on the moisture in a bath.



Put a 3-panel screen on gliders in front of an unused corner of a bath, designer Richard Fitz Gerald advises. It can conceal storage on metal shelves or in high-tech bas-





H. MICKLE

kets behind. Mirror the screen to create the illusion of more space in your bath.

Conceal radiators with wood frames and use wicker instead of the usual metal grill. Richard Sygar.

From the Now & Then designers: Create a different mood in the bathroom with unusual rugs. They often use Flokati rugs. Or for a dose of color, try rag rugs available from the shop at the American Museum of Folk Art. Or a straw beach mat can be put to use in winter on your bathroom floor.

The Dexter designers also like to vinylize chintz used in a bedroom for an adjoining bath to coordinate the two rooms. You can frame an ordinary medicine cabinet with fabric the way Karen Cahan does: Buy wooden stretchers at any art-supply store and wrap them in cotton batting (if you want a fuller look) and cover with a piece of fabric, stapling it to the back. At a hardware store, buy J-shaped mirror brackets to fit the width of the cabinet door edge. Attach 2 of the brackets to each side and 2 to the top with nails and screws. Slide the frame over the mirrored edge of the cabinet door.

For a low-cost easy coverup, stencil your bathroom walls. Kits are available at your local paint store.

Kid stuff

To make a bathroom work for the entire family, architect Stephen Potter says to include in the undersink vanity a pull-out stepstool for children.

Colorful plastic cubes with plastic mesh bottoms are ideal for draining and containing bath toys, according to Odessa Bourne. And it makes it easy for the next bather to get them out of the way.

Odessa Bourne also brightens tarnished shower rods in a child's bathroom with glossy rust-resistant paint.

To encourage young bathers, make a snappy shower curtain out of Snoopy sheets by J.P. Stevens, Kliban's Cats by Burlington Mills, or Jungle Fun by Spring Mills.

Organizers

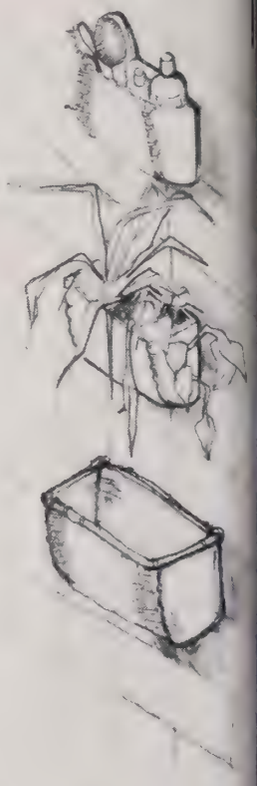
In a guest bathroom, designer Bebe Winkler conceals the tub behind a Venetian blind. When the blind is down, it looks like the bath has a large window, but the blind can be raised for bathing.

In a bathroom used by the whole family, stepladders can be used to store towels and keep them separate. Towels can be hung from the steps or placed on Lucite shelves across them. Linda Carbutt, Prudence Spencer, and Kate Wharton of Now & Then.

For easy and accessible storage for soap and shampoo, put pockets inside a fabric shower curtain facing into the tub. Hang a clear plastic liner from the same hooks to protect stored supplies.

Clear plastic boxes are great for storing towels because you know immediately what's inside, and the stored towels contribute color to your scheme while they're kept fresh and clean.

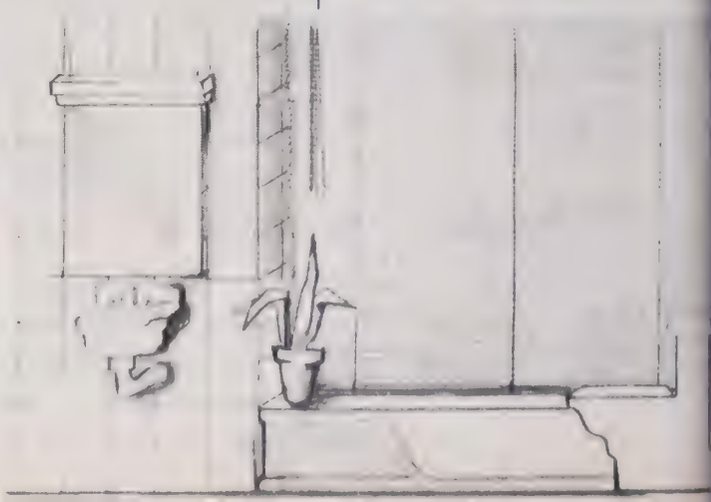
For an unusual variation on the ordinary medicine chest, the Now & Then designers use antique cabinets. Or check flea markets and antique shops for old square wooden clock cases. Just fit the case with shelves and replace the glass with mirror.



Try using a tackle box to organize cosmetics. Peter Coan of Redroof Design.

For storing towels on round chrome rings in graduated sizes the way they do in hotels, get a Plaza Towel Rack. It's available at Manhattan Ad Hoc.

Odessa Bourne uses bicycle baskets painted or left natural for inexpensive storage bins and plant holders. "Their flat backs make them easy to attach to a wall."



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THE GET-IT-TOGETHER DECADE

The dawn of a new decade—even more than the start of a new day or the beginning of a new year—fills us with a sense of hope and anticipation. Change is always with us: but it takes the break between one major measure of time and another—no matter how arbitrary that is—to make us recognize where we are, where we seem to be going.

As we look ahead to the 1980s, we are faced with some very basic questions, shared by all of us no matter what our place in the world: What will our lives be like in the years ahead? How will we live? How can we, our families, our friends grow, prosper, and get the most from our lives? To try to determine where the next 10 years will take us, *House & Garden* interviewed some 80 professionals in all walks of life who are involved with planning the future as we will live it: designers, researchers, manufacturers, architects, planners, and retailers who are already making the decisions that will shape the decade ahead. From them comes a vision of surprising clarity; here are some of the major trends that they predict for the 1980s:

One-room living: Space and energy, our experts say, will be two of the greatest concerns in the years to come. As both the cost of fuel and the price of real estate continue to climb, we will see a much greater trend toward living in rooms that perform many functions. Kitchen-dining rooms, bed-living rooms, dining room studies, and any number of other combinations will become increasingly common. And why not? No house is so large that imaginative uses for existing spaces can't be discovered, helping us to make the most of what we already have, which is what 1980s living will be all about.

Energy awareness: The 1980s will be the decade of the Great Energy Awakening, as we begin to realize that intelligent use of all our resources makes sense, no matter how much energy we've got at our disposal. Every area of our lives will be affected: the way our rooms are decorated (look for smaller windows, greater use of fabrics for warmth and insulation, rooms that can be closed off with doors or partitions to conserve heat), the way we dress (look for a return to seasonal dressing—forget the days of year-round indoor summer!—and a return of the energy-sensible layered look), and even the ways we spend our spare time (look for more at-home entertaining *and* entertainment, as we travel less by car and continue to rediscover the pleasures of doing things together at home).

Quality and craftsmanship: People are becoming more demanding of quality: in themselves, in the things they buy and live with. Appreciation of things that are made to last—and even improve with age—is growing. Not only antiques (which really prove the made-to-last test), but all well-crafted things, no matter how old or new they are, will be more highly prized during the 1980s. In the words of one of our experts, "We'll be seeing an end to the 'throw-away' culture in this country—and it's about time."

New life for old ways: There's going to be a greater respect for tradition in all areas of our lives during the 1980s. Scientists finding the benefit of old folk remedies, homeowners appreciating the comfort and charm of restored houses and remodeled barns, young and old alike reviving long-lost crafts—all are part of a new return to tradition. But it's not going to be a return to the horse-and-buggy days: Rather, tradition will be transformed to suit our different needs and purposes. There'll be a better appreciation that life is a process of accumulated knowledge that stretches like a strong chain back through time. Old ways are often best—and that is wisdom in itself to help us through the future.

In the pages ahead, you'll take a look at what we think will be the direction of the decade ahead: an exciting group of interiors that in several different ways show how multipurpose living is the single biggest trend in at-home living—a live-in kitchen, a renovated barn, an addition to a suburban house, a small city apartment, and an ingenious budget makeover are each different in style, but alike in their imaginative approaches to the use of space. The importance of collections, a solar house designed for mass-production, terrific new ideas for decorating with fabrics—all these are discussed, too. Most predictions of the future come off sounding like a Buck Rogers fantasy, but you won't find that here. A future with people—not things or machines—at the center of life is what we predict, and what we hope for, in the years ahead.

On with the 1980s!

DOUBLE YOUR LIVING

A wide-open country kitchen for sharing all the good things

Weekend living is easy when you can cook and eat and sit and talk all in the same great room

Wide open as an Italian summer villa, intimate as a country cottage, this house in California's Santa Cruz Mountains epitomizes informality. Owner Bruno Broseghini designed two small bedrooms, a small bathroom, and a big room dedicated to relaxed entertaining.

Kitchen and living areas overlap, so guests feel free to join in with cooking—"It's more fun when everyone gets involved," says Mr. Broseghini. Ample work table is loaded with cookbooks and utensils. Living area has comfortable couch and chairs: Wicker mixes easily with crystal lamps and antique chandelier, rugged sisal mat with the delicate antique armoire and French doors. Sun through skylight bounces over copper pots and into room washed with white. Glazed terra-cotta tiles run across the room on a diagonal. Their warm pinkish tones are brought out in the ceiling—at sunset, the whole room glows.

Inset: From the kitchen area, a view of the fireplace, antique clock, and candelabras. French doors open onto veranda. Baskets under table are for harvesting from fruit trees and vineyard. Pots of bright geraniums move indoors and out. For more about this room, see page 10 .

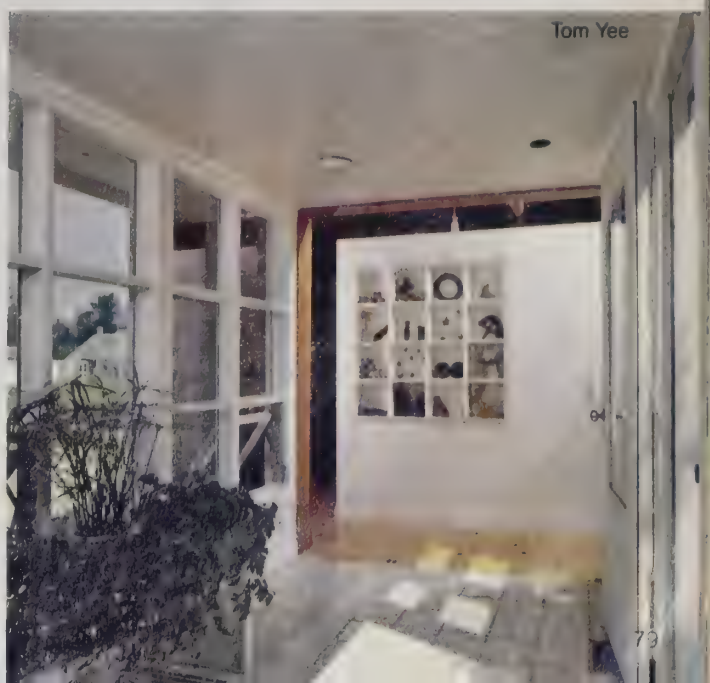
...with rooms that lead double – even triple – lives

Russell MacMasters

Two barns married to create nonstop space

Traditional outside, this remake has a wide-open heart

Two old barns joined by an airy link of glass. That's what architect Tod Williams had in mind when he trundled a small barn from a nearby meadow to join the old potato barn that's been on his property for years. Together they're a versatile new living compound: the large barn, a continuous sweep of space for living, dining, and cooking; the smaller barn, a private bedroom and bath. Both were insulated from the outside to keep the wood interiors exposed, then reshingled to look just like they did before. Original elements remain rough and rustic; everything added is white, creating a constant dialogue between old and new. Windows—some old, some new—are a collage of different-size squares, purposefully placed to frame the views outdoors. Decorating is spare and natural: sand-toned furniture and pottery, uncurtained windows, and softly polished floors. On the wall, Quilt Gallery quilt. Modular living-room seating by The Sherwood Corporation, at Conran's. For details on furnishings, see Building Facts.


Tom Yee

Left: A bird's eye view of kitchen and living room from the overhead loft. Door and wall of windows beside the fireplace are sheltered from the outside by the old barn door, *above right*. Similar window walls and sliding barn doors repeat the theme in the studio and bedroom. In the new white gallery linking the barns, *right and above*, windows, tiles, and wall niches echo the square motif repeated throughout the house. New white flue acts as a column to mark the

TWO BARNS MARRIED

The wood is old, the white is new, there's privacy without a closed-in feeling

Right: Living, dining, and cooking areas create a kind of house-within-a-house at one end of the large barn, with a studio at the other end, *top*, that could easily be converted to bedrooms in the future (see plan, *left*). Tiered fireplace, industrial lights, and spiral stairway to the loft make a bold contrast to original cedar walls, raftered ceiling, and the studio's old brick chimney. In the smaller barn, *above left and right*, the bed, backed by the bathroom, floats island-like in the middle of the space. Chalked-on graffiti from 1890 remains above the towel dowel rimming the room. For complete information about the house, see Building Facts.

Beadle

You can't feel stuck in

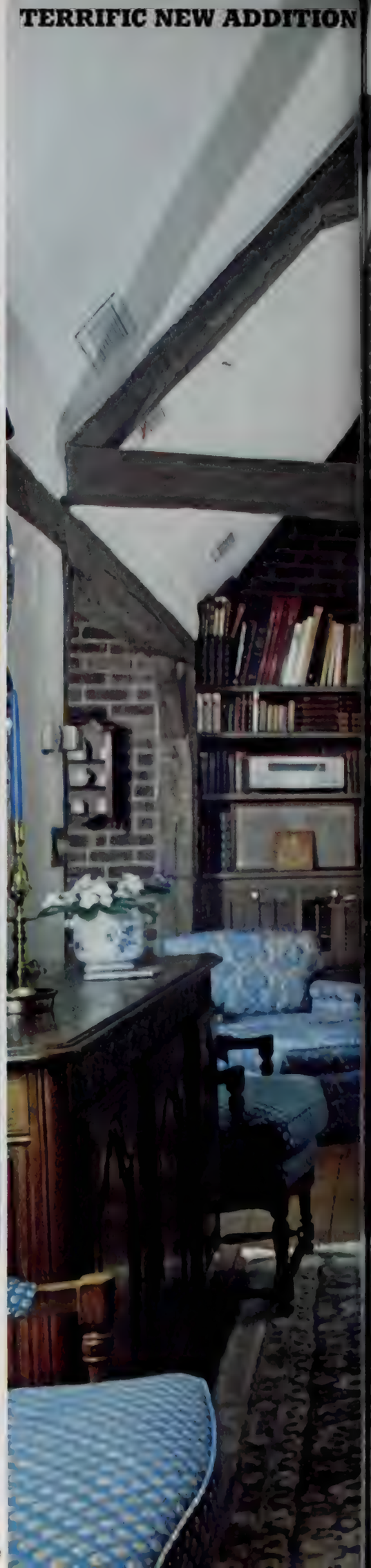
Cooking, dining, and entertaining all flow from one space to the next, making this new addition so terrific they scarcely use the rest of the house!

Above: An inviting French country kitchen, breakfast room, and window nook, all in one. It was built on what was once a vegetable garden, and is now filled with antiques—18th-century English and Irish copper haystacks, pots and pans, Quimper plates, Delft tiles, and a petite armoire with a favorite collection of mustard pots.

he kitchen

To live in an area that doesn't shut people out with doors—that's what the owners of this house had in mind. "Our children had all grown up, and we wanted to live closely, without being separated into smaller rooms," they say. So when architect Richard Donohoe designed an addition to the Norman-style house, he created several rooms in a U-shaped pattern within a large space, for close, comfortable living. Informal meals in the breakfast room are just a step away from the stove, while the formal dining area remains separate from the kitchen. For entertaining, the entire space comes alive. "We love it—and can't imagine how we lived without it!" say the owners.

There's a feeling of warmth and ease in a room that's big but intimate, too



Top left: Front-and-back curtains make a cozy window nook in the breakfast room. *Top right*: Dining area and kitchen from the breakfast table. *Above*: Antique French tole rooster perches on an oak beam between the sitting and dining areas. Displayed along the leaded glass windows, a collection of 18th-century Delft faience, antique copper and brass. *Opposite page*: Small patterns in red and blue combine with soft shades of carpet to give a warm Provincial feeling. Antiques and interior design by The Schaper Collection, Rye, New York.

Russell Macmasters

From the window seat, *left* a view across the apartment and up the spiral staircase, a French turn-of-the-century find put in by Mr. Short and friends. At the top of the stairs, English Bulldog statue guards the deck. Downstairs, *above* living area has natural furnishings—softly cushioned wicker chairs, bamboo table, tree-stump coffee table, and palm tree. Mirrors in entryway and behind palm tree brighten and widen space. To the right of the stairway, French butcher's table, also turn of the century, with curling legs.

He was short on space but long on big ideas

So he took two rooms and an attic and opened them up into one shipshape living space

Calmness comes from relaxed, simplified decorating. "Every day is hectic at work," says Jerry Short, who lives in an apartment overlooking San Francisco Bay, "so I want serenity at home." He removed the wall in the two-room apartment to make one long room, and took out part of the ceiling to change an attic into a loft. Long walls and high pitched ceilings open space for sunshine and air.

The serenity is also in the precise organization and space-saving devices, inspired by interiors of ships: a sofa built from a window seat, stowaway compartments for stereo equipment and kitchen appliances, a spiral stairway with metal rails, and in the loft—like a ship's deck—bookshelves, closets, and bed.

The colors throughout the apartment are crisp navy and white, with khaki for softness. Walls and ceilings are painted glossy white; seating is navy, with white and navy pillows; khaki shades on windows seem like sails in a breeze; and deeper khaki rugs blend easily with oak floorboards. Pattern is used sparingly. Instead, neat borders—on pillows, shades, rugs—give gentle, incisive contrast. Tongue-and-groove wallboards give subtle overall texture.

Left: The galley kitchen, a lesson in efficiency. All drawers and cabinets have the white tongue-and-groove boards of the rest of the apartment. All have ship's-hardware brass pulls. A long, skinny cabinet, a miniature pantry, edges the kitchen. Door over dishwasher closes for smooth wall space. White enamel refrigerator, in its own niche, blends right in. Deep oak counters meet blue and white French wallpaper. Chinese red inside cabinets makes a bright surprise.

MAKING THE MOST OF

Life in a shoe box

"I never thought that $450 worth of doors could open up a whole new environment for me"

William P. Steele

$450 worth of flush doors made almost everything you see in this room—wall partitions, platforms, seating units, shelves, cabinets, even the dining table—transforming this standard room into an environment that functions for every aspect of life. Low-cost, lightweight, and available in a wide range of sizes at all lumberyards, flush doors are an ideal building material for anyone with a limited budget and a little carpentry skill. They can be used in full as they were here for the partitions and cabinet doors or cut with a hand saw to any straight line, as they were for the dining table and platforms. All you need do is fill the cut edges with wood to reinforce them. They can then be painted, carpeted, laminated, or topped with cushions to suit your needs and your budget.

It was a standard room with all the standard problems of the typical post-World War II apartment. The 12 foot by 20 foot-6 inch living room has a window on the far wall that stops abruptly two feet below the ceiling and has the usual jumble of radiator and air-conditioning equipment below.

But just one week after architect Sam Neustadt saw the space and talked with me about how I'd like to live in it, the solution to every problem arrived in a model in a shoe box—which happens to have the same proportions as my apartment.

Now the room functions for every aspect of my life. One friend commented that only in a submarine had he seen space used so well.

There's a dining table that when extended can seat eight. (I told Sam Neustadt that my friends and I were getting too old to eat on the floor.) There's also the seating area that's intimate for two and comfortable for eight; the storage unit over the left banquette can be removed to reveal a queen-size mattress; a study where I can write, with books and supplies within easy reach; and an abundance of bookshelves.

Before

After

The Tab:

Flush doors for wall partitions, platforms, seating units, shelves, cabinet, dining table	**$450**
Carpet for floor and platforms, Antron III nylon by Lees	**$475**
Vertical blind by [illegible]	**$220**
Formica laminate on dining table, serving cabinet, and mattress storage unit, by Formica Corporation	**$100**
Fabric on mattress unit, seating unit, tack board, and back cushions: 29 yards of "Yachting Cotton" woven rep by Gretchen Bellinger	**$800**
Lighting	**$150**
Mirror installed	**$200**
Foam mattress and seating unit	**$165**
Tack board	**$5**
Total	**$2,565.00**

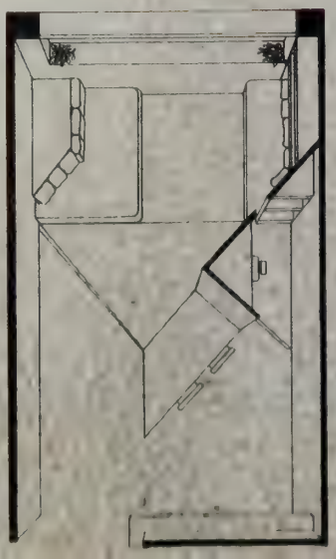
See Shopping Information

LIFE IN A SHOE BOX

Above: With extension hinged in place, dining table seats eight. $9 wok—wired, attached to a bent brass pole and spray painted—becomes light fixture over dining table. View of Chrysler Building and Empire State is brought to the table in photo by Tom Yee. *Below*: When not in use, table extension hangs on wall—functional minimal sculpture.

Perhaps best all, now that the view I love of Manhattan skyline is brou right inside, there's someth wonderful to dream about. T window directly faces a br apartment building but diago ly behind that building is a sp tacular view that to my immer delight with a trick of perspec makes the Chrysler Building pear taller than the Empire Sta

> "We angled the platforms to capture a spectacular skyline view"



Above: Doug Turshen and I lift one of the finished platforms to put it in place.
Left: Plan shows how the diagonal access of the room was developed and how the triangular platforms serve to both separate and relate the dining, seating, and study are of the room.
Right: With storage unit removed, mattress becomes queen-size bed. When in place, unit stores pillows and linen for bed.

Sam Neustadt developed
diagonal access of the room
cus on that view. By mirror-
the wall above the seating
on the right you can now see
r the skyline or its reflection
any point in the seating
. Using bookshelves to out-
both the mirror and the win-
adds to the illusion, as does
g the mirror with a blown-up
o of the view.

After Sam's wife, artist Jana Neustadt, first saw the room, she wrote me, "Function aside, the room suits you. Maybe the walls glow because you're so happy with it." Actually the walls glow because of a coat of House & Garden's Oyster White paint. But she's right—I am incredibly happy with my new environment. And to think it was all built with $450 worth of flush doors!

Above: Tiny triangular study tucked behind dining table contains desk, book and supply shelves, and on one of the partitions fabric-clad tack board. Partitions hide clutter from the rest of the room, and vertical opening adjacent to shelves provides extra light.

Above: At night, Christmas tree lights by General Electric strung on cup hooks below platforms and placed on the top shelf give a soft glow to the seating area and articulate the shapes of the platforms. Vertical blinds placed on the diagonal screen the brick building directly across from the window, while directing the focus to the diagonal view of the skyline that is also reflected in the mirror above the banquette.

Ernst Beadle

A great room for great American Art

An inside look at a wonderful warm and welcoming house that displays its owner's passion: collecting fine folk antiques

Left: *A pair of portraits of a lady and a gentleman by Ammi Phillips (1788-1865) hang over a Federal bamboo-turned painted and grained Windsor bench, ca. 1820. Beside it is a wonderful rough-carved Schimmel eagle; on the other side two carved figures, a dancing man, and a mustachioed character. On the landing above the door, atop the chest is a rare carved-wood Civil War toy of marching Union soldiers, ca. 1860.*

This dramatic two-and-a-half-story-high entry hall is the heart of a marvelous New England house that was remodeled for art. It measures about 30 feet door-to-door with a finely detailed staircase and wide balcony winding around its perimeter. Its owner, an enthusiastic and energetic collector of American folk art, wanted to display his collection throughout the whole house with this central space acting as a gallery and a room in which to entertain friends in large numbers. Architect Theodore Graves was asked to make over the house to provide the ample room that larger pieces in the collection—for example, the top-hatted race-track tout and the brass chandelier—needed in order to be properly seen. Mr. Graves also thought that a large space was "in spirit" with the feeling of the art itself. To maintain the sense that the house as well as the collection had always "lived together," careful attention was paid to using materials like specially-sawn wide oak planks that would blend with the original building's structure. Mrs. Ethel Smith of the design firm McMillen, Inc. set about finding the right fabrics, many of them reproductions of Early American designs. She chose warm colors—earth green, brown, and rusts—and off-white plaster walls to

In every room of the house, the wonderful objects collected by the late Stewart Gregory have been arranged in such a way as to enhance each other as well as the room. Above left: *In an upstairs bedroom, a portrait of Miss Adeline Bartlett by R.W.and S.A. Shute (fl. ca. 1830-40) hangs over a William and Mary painted and grained pine lift-top chest, ca. 1700. She is wearing two tall tortoise-shell combs and a blue puff-sleeved dress with a double tier of white eyelet lace and a fringed white scarf about her neck. She holds a letter addressed to her.* Above right: *A close look at two carved wood pieces in the main gallery hallway: a mustachioed gentleman 18 inches high carries a walking stick; his companion is an amusing carved and painted figure called "The Dancing Man." He's perched on a steel rod which allows his legs to swing free from the knees. He was made sometime around 1830.* Below right: *In a small foyer between two bedrooms hangs this enchanting painting of a child by J. Bradley (fl. ca. 1832-1847). A small cherrywood Federal wing armchair is to the left of the chest, on which sits a carved rooster.* Bottom right: *In the living room, a collection of small, finely carved Schimmel roosters and a parrot sit atop the mantel.*

American antiques in every corner of the hou

Ernst Beadle

Above left: *In a corner of the balcony walkway, a stack of bandboxes covered in lively printed papers. The top box has a beaver hat depicted upside down. A watercolor theorem painting on velvet, thought to be from New England, ca. 1830, hangs next to a wooden sconce for candles.*

Above right: *A rare and fine molded-copper "Columbia" weather vane made in the 1800s carries a flag of painted sheet metal. The vane is 31 inches tall and sits on a small table.*

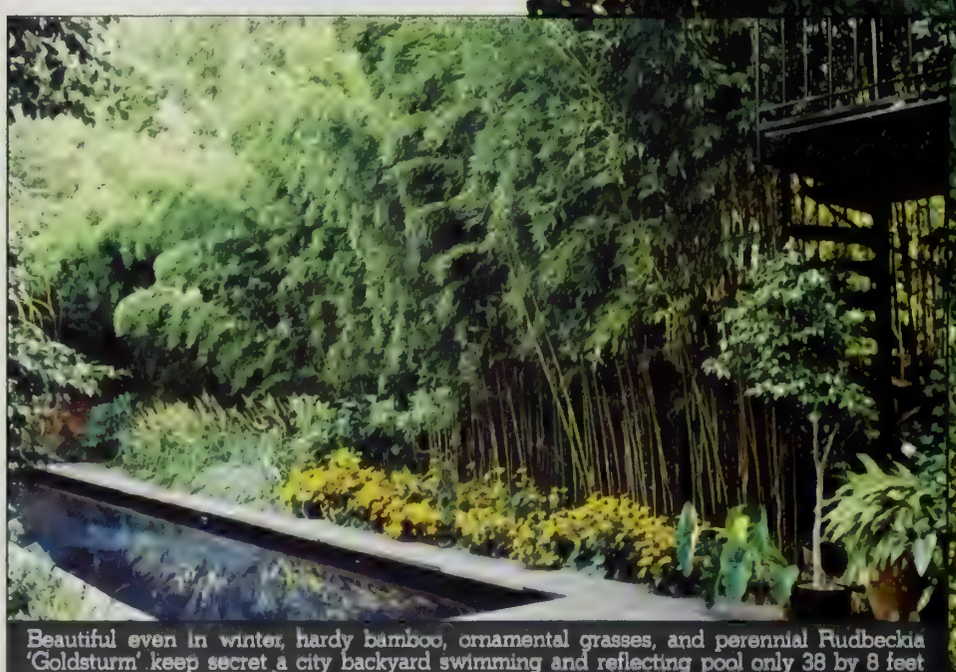
Below left: *A Queen Anne painted and grained maple tall-chest-of-drawers-on-frame is in the second-floor dressing room. It was made in New Hampshire sometime between 1770-1800. The chest has a molded cornice and three thumb-molded short drawers. It stands 56 inches high and is 39¾ inches wide. A carved and painted figure of a barber has a marvelous walrus mustache to advertise his trade. The carpet is an American hooked rug.*

Below right: *On the elm and oak plank floor of the gallery is a fine painted and grained pine lift-top chest, ca. 1820. Above it hangs "Portrait of a Child" by John Brewster Jr. (1766-1854). She carries a yellow straw basket filled with strawberries. To the right is a portrait of a woman by Micah Williams (1782-1837).*

(The information for the notes about the pieces is from the Sotheby Parke Bernet catalogue printed for the sale of the Stewart Gregory Collection held January 1979.)

rranged with simplicity, care, and love

BIG BOLD PLANTS ARE THE ANSWER FOR THE BACKYARD TOO SMALL FOR HALFWAY MEASURES



Beautiful even in winter, hardy bamboo, ornamental grasses, and perennial Rudbeckia 'Goldsturm' keep secret a city backyard swimming and reflecting pool only 38 by 8 feet

Like all our resources, land once seemed an endless commodity. Now that many of us live in cities, we need to cultivate our own wilderness settings for privacy and to feel close to nature year-round. The worst thing you can do in a confined space is to use small plants," says landscape architect James A. van Sweden. For David Rust, the owner of this backyard in Washington, D.C., Oehme, van Sweden & Associates, Inc. planted bold grasses and flowers that have a tropical look yet remain interesting in winter when they are tawny and dusted with snow. The garden is not tidied up until just before the bulbs wake up in early spring "under nearly everything except the feather reed grass (Calamagrostis epigeios) because it's the first to bounce back again." Here there is nothing to mow, nothing to spray, or even replant. To keep the rustling screen of bamboo trouble-free, strips of stainless steel are buried 2 feet deep and keep the roots from spreading. The pool, which architect Hugh Newell Jacobsen tapered 1 foot narrower at the far end so it appears longer still, adds to the illusion of vast space within this tiny garden. For more ideas on planting for the 80s, see H&G's round-up in Gardener's Notes.

Marina Schinz

Energy Updat

Practical, easy strategies you can use now to use less energy, save more money, and get the most from your energy budget

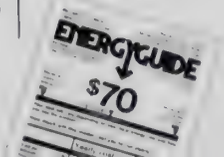
Above, all's warm and cozy—but would it actually *feel* warmer than the room below if the temperature were the same? Yes—by as much as 2.5 degrees, concludes a study by the American Society of Heating, Refrigerating and Air-Conditioning Engineers. A group of identically-clad volunteers was placed in two rooms, one decorated sparingly, the other plentifully, and skin temperatures were measured in each. The results: the full room felt warmer—even though the skin readings didn't differ. ASHRAE's checklist for warm decorating (see how many designer David Barrett used above): wood paneling (fabric on walls is warm, too), curtains, plush fabrics (velvet, corduroy), warm colors (reds, oranges, golds, rusts, pinks, and tans). More ideas above: shades *and* curtains, recessed windows, bookcase wall to insulate, lots of pattern for visual energy. Room and antiques, David Barrett Inc. Reproductions, Circa-David Barrett Ltd. Wilmington Designer's Showcase. ASHRAE's checklist for cool: shutters instead of curtains (below they're shady green), clean lines, wood or tile floors, unupholstered furniture (wood, rattan, chrome, glass) or furniture lightly upholstered (here it's crisp canvas), neutral colors (white and beige, below—try gray, too), or cool colors (blues and greens). Plants add cool, too. By Donald Richey for Arthur Williams.

than this room?

EMERICK BRONSON

YOUR FRIDGE IS RUNNING—AT WHAT PRICE?

The hidden cost of appliances: energy. Starting this spring, you'll be able to figure it into your buying. Bright yellow and black Energy Guide labels stating yearly energy costs will be appearing on all new refrigerators, refrigerator/freezers, dishwashers, clothes washers, and water heaters. These appliances are all high-energy consumers—and vary widely in their efficiency. To help you comparison shop, the range of costs for other appliances of the same type will also be listed—from the least to the most expensive, with yours pinpointed among them. The cost of running furnaces and room air conditioners depends on the climate, so they'll bear an energy-efficiency rating instead. All this is part of the Energy Policy and Conservation Act of 1975 administered by the Federal Trade Commission.



Answers!

QUILT A ROOM FOR WARMTH
The science of it: Fabric on walls makes you feel warmer than paint. The beauty: texture everywhere. Simple quilted cotton—on the bed, bench, and walls—shades the windows, too—a sturdy interior insulator. White reflects heat in the summer. By Yvette Gervey.

HERE'S A CHAIR FOR ALL SEASONS: WICKER WITH A WINTER COAT. CHANGE IT FROM WARM AND OVERSTUFFED TO NATURAL WICKER BY TAKING OFF THE FLUFFY POLYESTER-AND-DOWN PILLOW ON THE BACK. IT ATTACHES WITH INGENIOUS HIDDEN HOOKS. BY WICKER WORKS. ST. LEGER FABRIC.

For details, see Shopping Information.

The Great All-American Energy Quiz

Twenty questions to test your EQ (Energy Quotient!) You may be quite surprised to find how much you really know

1. The color of the rooms in your house and the furnishings within them can affect your lighting bills. *True or False?*
2. Which keep your hands warmer?
a. *Gloves* **b.** *Mittens*
3. Which kind of lighting uses less energy and creates less heat?
a. *Incandescent*
b. *Fluorescent*
4. You can keep your house cooler in the summer if it has a dark-colored roof and dark exterior walls. *True or False?*
5. After you have a few inches of insulation in your house's walls and ceilings, adding more insulation really doesn't help, and in fact makes you use more energy to heat a bigger barrier against the cold. *True or False?*
6. Which uses more hot water?
a. *A bath* **b.** *A shower*
7. You can use storm windows or double-pane windows to cut heat loss in your house by as much as:
a. *10%* **b.** *25%* **c.** *50%*
8. You can always save fuel in the winter by using your fireplace. *True or False?*
9. To feel warmer, it's smarter to wear:
a. *One heavy sweater*
b. *Two light sweaters*
10. If you set your thermostat lower when you go to bed during the winter, you will use as much fuel to reheat your house in the morning as you saved at night. *True or False?*
11. One-third of all gas used for cooking in American homes is wasted because of:
a. *Defective stoves*
b. *Pilot lights* **c.** *Gas leaks*

Continued on next page

Energy Answers!

The Great All-American Energy Quiz
continued

12. You can keep your rooms cooler in the summer by placing large heat-retaining objects such as sofas directly in front of air-conditioning vents. *True or False?*
13. You can save energy by drying your clothes in several small loads instead of one big one. *True or False?*
14. How much of the energy used in the average house during the year is consumed by heating during the winter?
a. *25%* **b.** *40%*
c. *More than 50%*
15. By using a clock-thermostat to lower house temperature while you sleep, you can save up to 16% of your winter fuel bill. *True or False?*
16. A one-story house with 4,000 square feet of living space is next door to a two-story house with 4,000 square feet of living space. Which has more heat loss?
a. *The one-story house*
b. *The two-story house*
17. To cool your house more quickly, you should turn your thermostat down as low as it will go. *True or False?*
18. Lack of adequate weather stripping or caulking can cause heat loss that could raise your heating bill more than 10%. *True or False?*
19. If you set your thermostat five degrees higher on a summer day, how much energy can you save on your air conditioning?
a. *None* **b.** *10%* **c.** *20%*
20. The United States has 6% of the world's population. How much of the world's total energy do we consume?
a. *6%* **b.** *12%* **c.** *24%*
d. *33%*

FOR ANSWERS TURN TO PAGE 143

AUTOMATIC ENERGY-SAVER: THE THERMOSTAT THAT REMEMBERS

Lower the heat at bedtime, raise it before you wake, turn it down when the house is empty—all automatically. The T800 Fuel Saver thermostat can program energy-saving heating-cooling periods a whole season in advance. A 5-day switch lets you skip weekly daytime patterns on the weekend—then resume them on Mondays. Expected energy savings: up to 30 percent in winter, 25 percent in summer. Works on most oil and gas central systems. Purchase of the T800 (about $150) qualifies you for a 15-percent energy tax credit. Honeywell.

HOT NEWS: THE ENERGY-EFFICIENT DISHWASHER

Energy dilemma: what temperature to set your water heater at? It should be 140° for your dishwasher to clean *and* sanitize—but at 120° your showers will be hot and your clothes well-washed. Energy-saving solution: a dishwasher that provides the extra heat itself. KitchenAid's new Energy Saver IV not only heats but custom heats rinse and wash water (150° for the first and final cycles). So turn your water heater down. The savings—10 percent on hot-water bills—are for your entire household. No extra energy needed for drying—the super-insulation keeps the water heat (and noise) in. An off-and-on fan does the drying.

PLUG INTO THE SUN: SOLAR BATTERY BOX CATCHES THE ENERGY

These two mini solar panels (5½ inches high) are attached to a battery pack—set them in the sun and they'll power a radio, tape player, or any 6- or 9-volt appliance. The internal battery system converts the solar rays—and stores them, too, for indoor use. Panels fold together for easy storage. Adapters and connecting wires are all included. Hammacher-Schlemmer.

SOLAR Qs: DIAL THE SUNLINE FOR ENERGY-SAVING ANSWERS

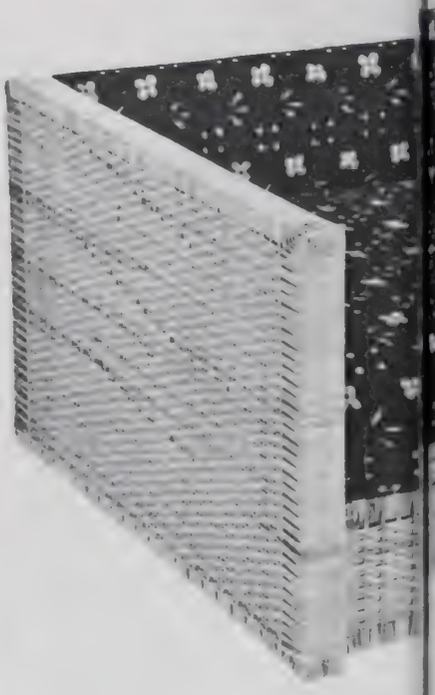
Help! How do I reach a solar builder, track down energy products, locate solar houses to visit, or get do-it-yourself solar-retrofitting information? By calling the solar-energy hot line at the National Solar Heating and Cooling Information Center, P.O. Box 1607, Rockville, Md. 20850. The toll free number: 800-523-2929. (In Pennsylvania, call 800-462-4983; in Alaska and Hawaii call 800-523-4700.)

TUNED TO SOLAR

This AM transistor sings in the sun—and the rain, too. Three tiny solar panels, angled to catch the best rays, run it by day. At night, a 1.5-volt battery takes over—a lot less voltage than most transistors. Hammacher-Schlemmer.

For details, see Shopping Information.

William P. Steele



Great ideas, old and new—tented beds, wrap-around seating, thermostats with brains, a warm and cozy afghan for you to make

William P. Steele

Schiavone

DON'T JUDGE A SOFA BY ITS COVER— THIS ONE'S READY TO BECOME A QUILT ANY TIME THE TEMPERATURE DROPS. UPHOLSTERY UNZIPS LIKE A SLEEPING BAG—MATCHING TWIN SHEET COVERS SEAT. THE GUEST BED BY SELIG. MARIMEKKO FABRIC.

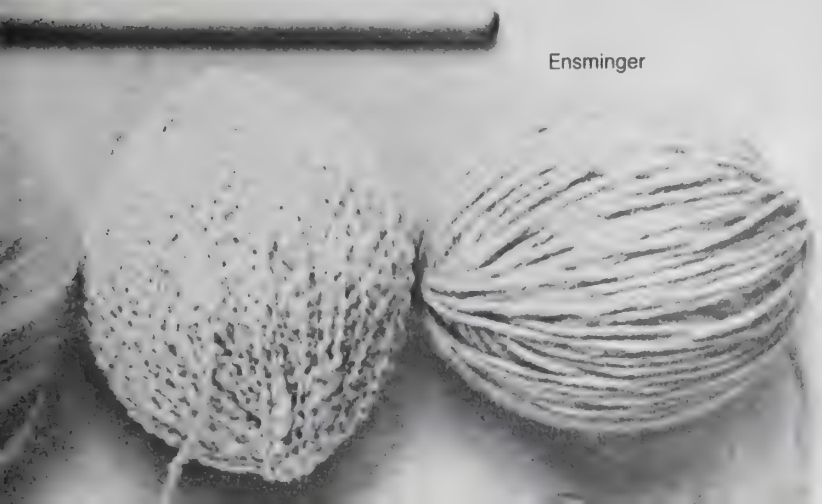
THE BED *ROOM*: SELF CONTAINED IN FOUR CURTAINED WALLS, IT'S A SPECIAL WARM CLIMATE OF ITS OWN
Like an extra invisible blanket, the enclosed bed keeps the cold at bay. In summer, open the curtains and let the breezes in. *Above, left*: Wrapped in blue brushed-denim curtains and a suede-like spread, this bed is as cozy as a flannel nightshirt. The brown fabric is draft-proof vinyl. Valerian Rybar. *Above right*: Building a frame around the two twin beds gave this long bedroom a small study plus gallery space. Lined with white curtains inside, the "windows" on the beds can be closed tight. Gerard Rebouillat and Carmine Schiavone.

Winter-white lap insulator to crochet

Here's a project you can bundle up in while you work—an easy-to-crochet afghan (*right*) made with just two simple stitches. The wonderful texture and white-on-white variations come from the five types of yarn (*below*, left to right: two textured-wool blends, mohair, cotton, and alpaca). Another energy saver: everything you need comes in a kit you can send for. Designed by Rusty and Quince Quaintance of Alice Maynard, it includes yarn for a 50-by-75-inch afghan, crochet hook, and complete instructions—even knitting needles and instructions for knitting the zigzag afghan if that is the method you prefer. Room designed by Susan McFeely.

Raeanne Giovanni

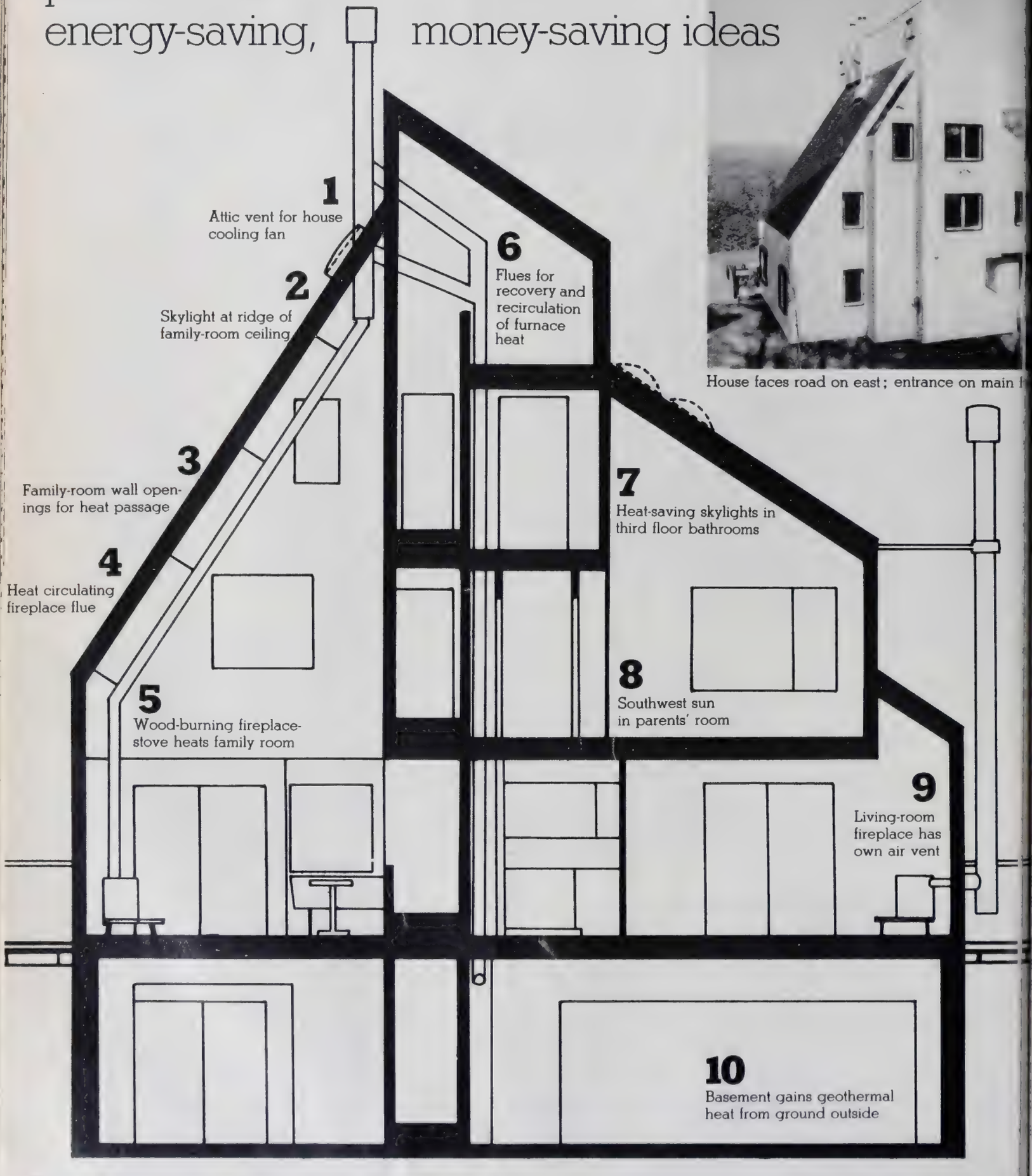
Ensminger



HERE COMES THE SUN HOUSE

First in a six-part series—this good-looking passive-solar house is filled with energy-saving, money-saving ideas

House faces road on east; entrance on main f



s new house cuts ener-
consumption and costs
dically without radical
uipment or appearance.
chitect Bruce Arneill de-
ned it for his own family
ife Bonnie, three small
ldren, and himself), and
pitched roofs, clapboard
lls blend agreeably with
ighboring Connecticut
uses. Planned specifical-
for economy in energy
d construction costs and
nimal maintenance, it
is built of stock materials
standard methods for
1.30 a square foot, with
tra-thick insulation, fram-
, and insulating glass.
st winter its 4,700-
uare-foot interior was
ated for only $370, using
9 gallons of oil, 3½
rds of wood. A prototype
use (named ENSA V—
energy conservation),
builder-developers, Arti-
ns, Inc., plan to produce
and a smaller version as
"package house" for
w Englanders.
ergy conservation and
iciency are built into it.
e squarish plan is five
ories high and its vertical-
minimizes wall and roof
posure to reduce heat
ss. Solar heat is gained
ssively on the south side
d collector plates for any
ure active solar heating
n go on its steep roof. A
air tower divides the
use into south and north
nes controlled by fuel-
ving thermostats. South
d southwest, the soaring
nily room and kitchen is
e center of the Arneills'
tivities. Less-used living
d dining rooms face
rth; bedrooms are on the
oor above. On top
ors—buffer areas from
tside weather—are
uce's studio and storage.
ayroom and workshop
e on the basement level.

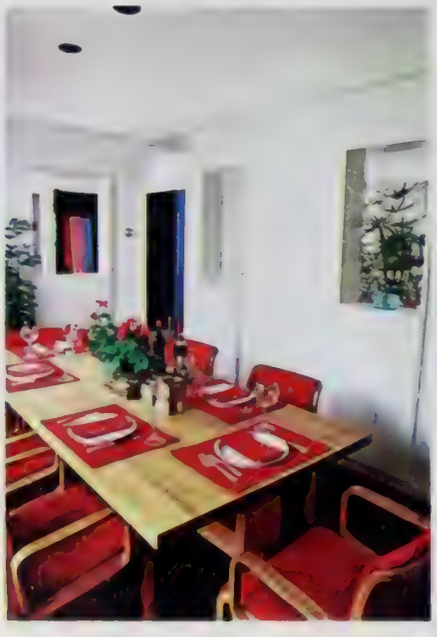
Above: The family room, the focus of the Arneills' home life, centers around a capacious steel fireplace-stove, which often heats the four-story space. The room expands, at right, to the sunny kitchen; energy-saving solar heat is gained through south windows and the glass doors that slide open to a wide southwest deck overlooking meadows and mountains. Cabinets flank fireplace.

Right: Open to the family room, the stair rises to the top of the house dividing north and south zones for economy in heating. Lined in red, a contrast to other white walls and ceiling, it leads to an open balcony on the bedroom level. This end of the 25-foot-long room opens to the front entrance hall, the kitchen is a few steps from the stairway.

Energy is saved by heat zones and recirculation

High-volume air ducts and two fireplaces heat the house. From the basement furnace, heat rises through oversize ducts in the framework and stair tower (which becomes a warming chimney) to the top floor where it is recovered and recirculated by an electric fan. After a year and a half in the house, the Arneills have learned that it takes one-third less heat than houses of comparable size. In fact, the fireplace stoves alone often supply enough heat. The exposed flue of the family-room stove, rising roof-high, radiates heat through the four-story room instead of wasting it up a chimney. And, like the smaller living-room fireplace, it has a vent to draw in outside air for heating; it doesn't use up room heat. Attic vents with automatic fans pull cool air through the house in summer.

1 Revolving fan pulls air up through house for ventilation and cooling.



Left, above: Dining end of kitchen, with built-in seating, is open to family room. L-shaped plan works well, is handy to deck
Above: Dining room has wall openings, relating it to living room and front hall and, economically, borrowing heat from them also.
Right: Living room on west side of house has its own air-vented stove, separate thermostat control and opens wide to rear deck.

Right: Rising to the roof in the 31-foot-high family room, the fireplace-stove flue is a central heat source. Openings on three sides of the courtyard-like space are apertures—casement windows, a balcony—through which heat is transmitted to upper levels of the house. The balcony is in the foreground, Bonnie Arneill's home office-workroom is directly across, windows are on the fourth floor. Movable spotlights on ceiling tracks and globular lamps on walls give ample, adjustable light in the high-ceilinged room.

Maris-S

Fireplace flue distributes heat by convection to upper levels of high family room.

FLOWERS BY THE YARD

keep blooming all year round. Printed on fabrics they're a fresh and easy way to bring new color to your rooms

If you want to make a big room cozy, use the same cottage garden chintz to cover windows, chairs and sofas

Never underestimate the power of flowers: In rooms, as in the heart, they create a sense of warmth that touches as it welcomes: In this living room, *left and above*, a cozy room-within-a-room was created when a sofa was fitted into a bay-window niche and one flowery chintz was used as upholstery, valence, curtains, and Roman shades. "When you find a print you really love, be brave with it and use it everywhere," says designer George Clarkson, whose philosophy about decorating with flowery fabrics is simple: "You can't have too much of something very pretty." For anchors, a berber rug and blue checks—the same fabric that lines the curtains—for the two French chairs.

Horst

Horst

Fresh garden chintzes at every window

Because he wanted to frame the views of the Virginia countryside, and "because a room's warmth is heightened by pretty window treatments," designer George Clarkson curtained all the windows with vibrant floral fabric. In the master bedroom, *right*, chintz strawberry plants hang in simple panels over shuttered windows, "simple so they'd complement—and not compete with—the quilt over the bed, the cherry print on the slipper chair, and yet another strawberry print on the chaise." In the study, *top*, the softness of balloon shades is enhanced by furniture in more of the chintz. The drawing room's windows, *above*, are hung with silk shades, then swagged with silk rhododendrons.

Bedroom bower on a budget—the secret is sheets!

For decorating bedrooms, sheets are a natural, and not just for the bed . . . but also stapled on walls, upholstered on furniture, shirred on screens, and laminated for window shades. When designer Robert Denning of Denning/Fourcade found these flowery beauties by Oscar de la Renta, he used them everywhere—with one exception. On the walls, tiny-print wallpaper became wainscotting, with its petaled paper border molded right over the chair rail (and also window and door frames). "When a room is filled with one fabric—especially one with lots of flowers on white—it often needs an extra dimension," says Mr. Denning. And not just architecturally, but in feeling, too: "Dark colors can give light-colored flowers an air of sophistication."

Karen Radka

Above and right: To dress up the sofa, armless chair, dressing table, and ottoman, a border of maroon acc dion pleats. Above the jabot-skirted dressing table (learn how to make it on page 143), a mirror framed wi chair-rail moldings covered with the wallpaper's border. Behind the sofa, screens that make a "folding wall Quilt, America Hurrah; durrie rug, Coury Rugs. *Left*: Swatches—"Lotus Garden" sheets by Cannon Mil wallpaper and its border, by S. M. Hexter. For details, see Shopping Information.

MULTI-LEVEL EXCITEMENT

In a remodeled house, a dazzling interior filled with light and art

By opening three levels of vertical space to one another and to the back garden, architect Robert Stern transformed a dark and narrow New York brownstone into this dynamic, light-filled house. Digging out the back garden created an additional floor of lighted space at cellar level for dining and cooking, *opposite page*. Now all three floors occupied by the owners (there are three additional floors of rental apartments above) seem to stretch through the new glass back wall into the garden. The garden echoes the materials and forms of the inside to become an additional room—outdoors. The curve of the glass wall is continued in the edge of the garden's pool to complete the half circle, and white Finnish tiles used throughout the interior extend outside. Columns used on the inside for support and to separate the staircases and circulation areas from the central living spaces continue the same order of space outside. Inside, though some rooms are open to one another, they are marked as separate places apart. The custom-designed cabinet, *above*, combines storage for art, a liquor cabinet, indirect lighting, and a sofa on the other side and screens the entrance from the living room and the wonderful surprise of the outdoors seen through the curved glass wall.

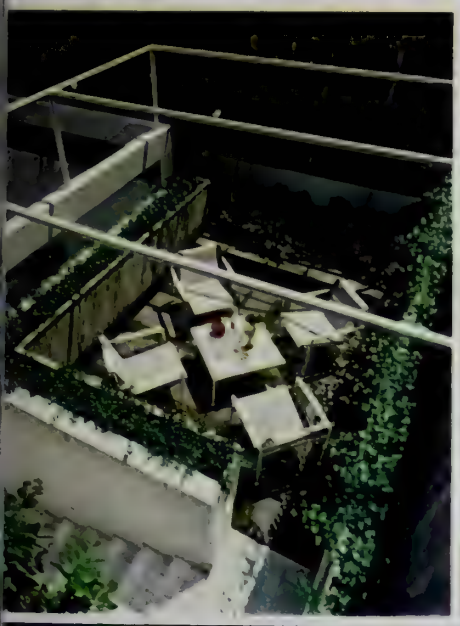
A narrow townhouse that brings the backyard in

Right: Section shows how three levels open to one another and to the outside. *Far right*: New façade is kept flat to complement house on right and is stuccoed the color of limestone to relate to its Edwardian neighbor on left.

Norman McGrath

posite page: Balcony with
dy overlooks living room.
ique Art Deco carpet wov-
in China.
ove: Glass-brick window
ve dressing table in alcove
master bedroom provides
h privacy and natural light.
ht: Dining area is open to
hen and up to floors above.
ow: Terrace on second level
garden faces toward house.
ow center: View of back
ade from dining terrace.
ow right: In master bed-
m, blinds cover top level of
k window-wall.

Norman McGrath



try to find the style appropriate for any project," says Robert Stern, who is
own for his creative use of forms and images from architectural history. Here
uses the vocabulary of high modernism with exuberance. White walls, floors,
d built-ins, with classic modern furniture all upholstered in black provide a crisp
ckground for the owners' collection of Pop and color-field abstract art of the
s and 70s. The space itself is a series of interlocking cubes—a giant sculpture
signed to complement the art it contains. The balcony on the third floor—the
droom level—not only overlooks the double-height living room on the second
or but also allows a view right down to the dining room and the garden beyond.
he three floors open to one another like a big flight of stairs," Robert Stern
ys. For Building facts, please see Contents Page.

MULTI-LEVEL EXCITEMENT

Crisp white walls are the perfect foil for classic modern furniture and art

Taste our miracle. Sabra Liqueur.

It was our creation. But it all began in Ancient China. A seed, very tiny in size, started to grow. And grow it did into a wondrous new fruit so rich in taste, that the Emperor passionately cherished it.

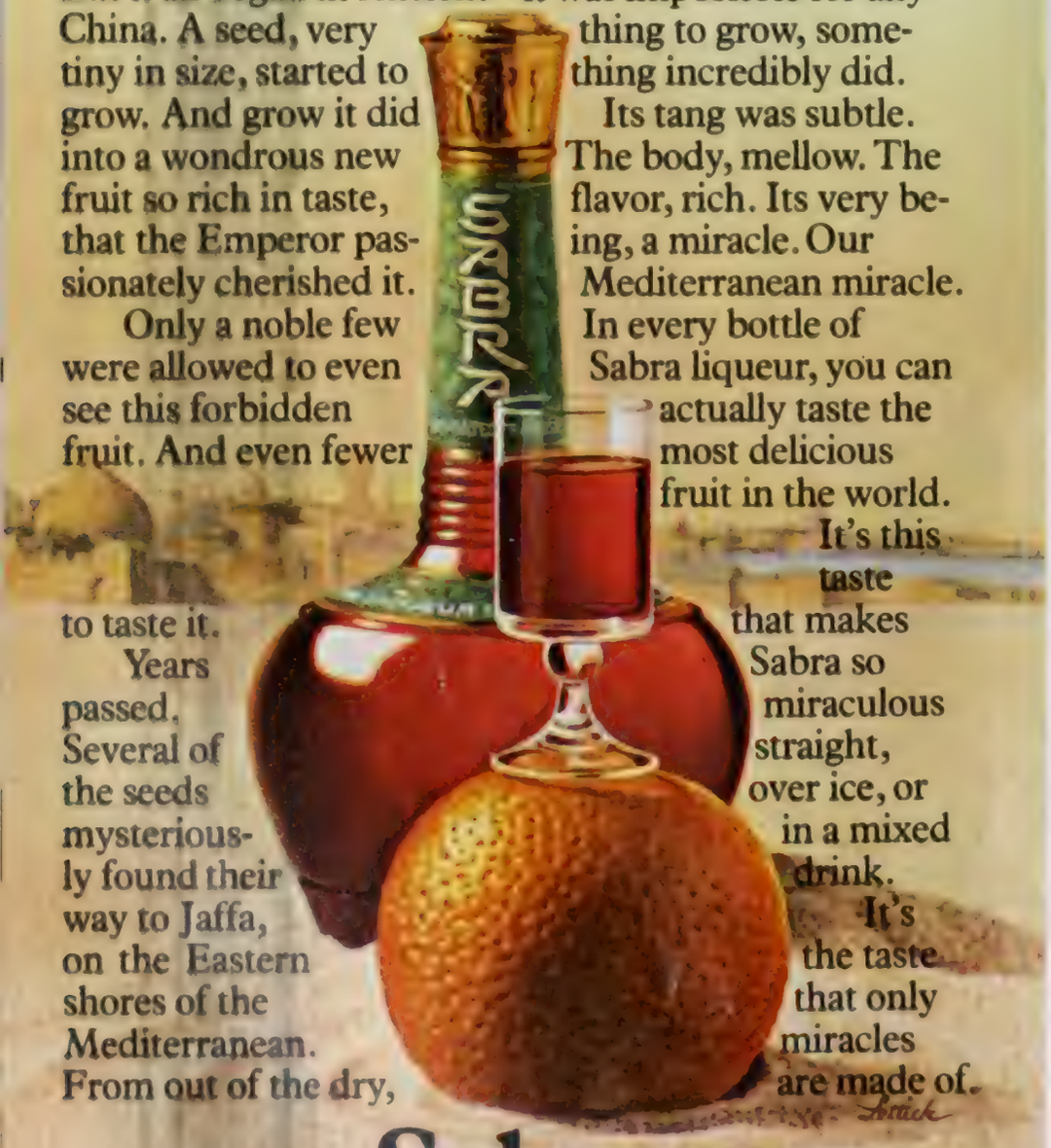
Only a noble few were allowed to even see this forbidden fruit. And even fewer to taste it.

Years passed. Several of the seeds mysteriously found their way to Jaffa, on the Eastern shores of the Mediterranean. From out of the dry, sun-scorched sands, where it was impossible for anything to grow, something incredibly did.

Its tang was subtle. The body, mellow. The flavor, rich. Its very being, a miracle. Our Mediterranean miracle. In every bottle of Sabra liqueur, you can actually taste the most delicious fruit in the world.

It's this taste that makes Sabra so miraculous straight, over ice, or in a mixed drink.

It's the taste that only miracles are made of.



Sabra
IMPORTED LIQUEUR

IMPORTED AND BOTTLED BY PARK AVENUE IMPORTS 375 PARK AVENUE N.Y.C. 52 PROOF

MEAL IN MINUTES

MENU FOR SIX
Asparagus soufflettes with quick hollandaise sauce
Boiled new potatoes
Baked apples allegro

An amazing foolproof soufflé whipped up in the blender and ready to bake in less than 10 minutes is the star of this brunch or supper, an instant solution to last-minute meals or unexpected company. You can vary the basic formula for the soufflettes with almost any vegetable and appropriate seasoning, or just substitute another ½ pound of cheese. And once the creamy batter is mixed, it holds at room temperature several hours, even longer in the refrigerator. If you prefer, bake the soufflé mixture in a 5-cup ring mold, increasing the baking time to 35–40 minutes. Ruth Ann and William Manners' *The Quick & Easy Vegetarian Cookbook* (M. Evans & Co.), now out in paperback, is crammed with even more time-saving food tips—how to freeze rice and roux, uses for extra dough, methods for make-ahead sautéed onions—and "helpful hints" pages. "We simply want to offer a wholesome, delicious cuisine that's easily achieved," they declare, with emphasis on sound nutrition and energy conservation—the cook's energy as well as that of the kitchen appliances.

While you preheat the oven for both main course and dessert, peel, core, and quarter the apples, sprinkle liberally with lemon juice to prevent discoloring, and place in baking dish. Bring two pots of water to a boil for blanching the asparagus and cooking the scrubbed new potatoes. Pop brandy- and brown-sugar-sprinkled apples in oven for 10 minutes. Meanwhile, cut up cooked asparagus and set aside. Grate cheese for the soufflettes and separate eggs for the quick hollandaise (freeze or refrigerate egg whites for another use). Butter individual ramekins, then blend the vegetable-cheese mixture. Remove dessert from oven—covered with foil, the fruit will stay warm until you're ready for it. Reduce the heat to 375°, set soufflettes in the oven, rinse and dry the blender jar. Just before the main course is done, heat butter for the hollandaise, then quickly blend the sauce. Unmold the ramekins onto plates, spoon the sauce over, and serve with new potatoes with a dusting of parsley.

Continued on page 131

From *The Quick & Easy Vegetarian Cookbook* by Ruth Ann Manners & William Manners. Copyright © 1978 by Ruth Ann Manners & William Manners. Reprinted by permission of the publisher, M. Evans and Co., Inc., New York.

Opposite page: *Make-ahead peach cake is assembled from sponge cake baked in a mixing bowl and garnished with whipped cream. Judith Olney demonstrates her recipe on page 127.*

WINE & FOOD

COOKING WITH WIT AND IMAGINATION

For example, a make-ahead, make-believe peach

Germany

As close as the Campbell's Soup on your shelf.

Beef Rouladen

3 slices bacon, cut in half
1½ pounds thinly sliced round steak (¼ inch thick)
2 tablespoons Dijon mustard
3 medium dill pickles, cut in quarters lengthwise
6 medium carrots (about 1 pound), cut in quarters lengthwise
¼ cup finely chopped onion
1 can Campbell's Beefy Mushroom or Golden Mushroom Soup
½ cup chopped celery
½ cup chopped parsnips
2 tablespoons chopped parsley

In skillet, cook bacon until crisp; remove and crumble. Cut meat into 6 pieces (6x4"); pound. Spread each with 1 teaspoon mustard. Place 2 pieces of pickle and 4 pieces of carrot across the narrow end; sprinkle with 2 teaspoons onion. Starting at narrow end, roll up. Tuck in ends; fasten with toothpicks or skewers. Brown roll-ups in drippings; pour off fat. Stir in soup, celery, parsnips and parsley. Cover; cook over low heat 1 hour 15 minutes. Stir occasionally. Thin with water if desired. Serve with mashed potatoes. Garnish with bacon. Makes 6 servings.

Kartoffelsuppe (NOT SHOWN)

½ pound frankfurters or 2 knockwurst, diagonally sliced
½ cup chopped celery
¼ cup finely chopped onion
¼ teaspoon celery seed
2 tablespoons butter or margarine
2 cans Campbell's Cream of Potato Soup
1½ soup cans milk
¼ cup chopped parsley

In large saucepan, brown frankfurters and cook celery and onion with celery seed in butter until tender. Blend in soup, milk and parsley. Heat; stir occasionally. Makes about 5½ cups.

A world of good cooking brought home with Campbell's.

COOKING WITH WIT AND IMAGINATION

Step-by-step to a peach of a dessert

An out-of-season "peach" composed of two sponge-cake layers standing on edge and filled to overflowing with flavored whipped cream makes a voluptuous dessert. And it's practical since it can be assembled in stages ahead of time and will easily serve and delight 16 guests. Peaches plus raspberries evoke summertime, so serve the cake with a raspberry sauce made by sieving slightly sweetened frozen berries. The pastry shops of Paris inspired Judith Olney, *left*, author of *Summer Food* (where this recipe appears) and *Comforting Food* (Atheneum), to create her great overblown peach. "Tucked among row after row of petit fours are little savarins baked in round molds, sandwiched with rum cream, rolled in peach-colored sugar, and topped with two marzipan leaves. How much grander to bake a large-scale version!" The layers are baked in stainless steel bowls; a happy consequence is that the bottoms of the molds bake the crusts a little darker, which look, when the cake is assembled, like a deep pink blush.

When ready to assemble, dig out center of each layer to leave a shell 1¼ inches thick. Reserve crumbs and mix with softened ice cream or whipped cream. Sprinkle the inside of the layers with orange-flavored liqueur. Fill cakes with crumb mixture, sandwich together, and cut a thin slice off one edge. Use that edge as the base.

1. Set cake up on cut edge on a serving platter, pressing the two sides together. They will bow out a bit—no matter. Place in freezer to firm. 2. Paint cake all over with sugar syrup. Color sugar with red and yellow food coloring and rub it over the cake. It will look like peach fuzz. 3. Pipe whipped cream decoratively over seam and open edges. 4. If there is time, return cake to freezer for an hour. Just before serving, top with fresh green leaves. Recipe, page 127.

Impromptu cooking

Tips and ideas for last-minute dishes with panache

Keep fresh herbs on hand to be ready for anything. You would keep lots of fresh coriander on hand if you had lived in the Soviet Republic of Georgia as has Gennady Smakov, the writer—he edited Natalia Makarova's *Dance Autobiography* (Knopf), and has written *Glimpses of a Dancer*, about Mikhail Baryshnikov, due in the spring from Farrar, Straus & Giroux—and weekend cook for friends—see story on next page. "Coriander is so fragrant and has an unusual flavor," says Mr. Smakov as he puts half a bunch in a food processor ("Everything I do is with a food processor. It makes fast cooking possible!"). He adds chopped garlic preserved in soybean oil, and canned tomatoes to make a tomato sauce in 10 minutes.

Pie pastry is a freezer staple: A few moments' reflection on a package of ground beef results in a Russian meat pie—browned beef flavored with dried mushrooms, sautéed onions, and fresh dill, then wrapped in the pastry. (See recipe, page 127.) Dried mushrooms are one of Mr. Smakov's shelf staples: The broth from soaking them can later be turned into a soup with the addition of sautéed aromatic vegetables. Depending on what is on hand, lots of fillings for Russian pies can be improvised:

Cabbage: Soak shredded cabbage 20 minutes in hot scalded milk to remove any bitterness. Drain, chop, steam until tender but still crispy. Mix with chopped hard-boiled eggs, sautéed onion, fresh dill and a little sour cream or heavy cream to moisten.

Chicken: Shredded chicken, hard-boiled eggs, sautéed onions and mushrooms, fresh dill.

Trout (or less expensive fish fillets): Layer in sequence—sautéed onions, poached trout fillets, chopped coriander and walnuts which have been parboiled in cream, sautéed onions with walnuts. "The pies are served with chicken or fish broth topped with fresh dill to drink along with the pie as you would tea with cakes." Nothing goes to waste—the juice from a can of tomatoes becomes a soup with chopped cucumber, cooked rice, chopped parsley, lemon juice, and garlic to serve hot or cold. A further improvisation on the hot version would be the addition of sautéed bits of ham or bacon and mushrooms.

If pastry is out of the question, make quenelles of the ground meat. For two pounds beef, add one large onion, salt, pepper, parsley. Put all in a food processor and chop. While machine is running, add about ½ cup beef broth and 1 cup heavy

Continued on page 127

COOKING WITH IMAGINATION

Gennady Smakov gets down to business

Beef and mushroom coulibiac

Chicken croquettes Italienne

IMPROMPTU COOKING

Chicken croquettes from leftovers, an easy coulibiac from ground meat

"Hello, Gena? We're in the neighborhood and thought we'd stop by." "Terrific, I'll have lunch ready." No time to shop means cooking with whatever is in the refrigerator, in the cabinets. Spur-of-the-moment inspiration is just what Gennady Smakov, a Russian expatriate and ballet critic, excels at: "It's like writing; I have a structure in mind but I don't know how I will manipulate the ideas (or ingredients)." There are a few musts for successful and easy improvisation—a food processor to speed the work, a trusty palate to predict what taste combinations will work, and good ingredients including fresh herbs and lemons—"I love them and use them in everything." Half a roast chicken and Parmesan cheese turn into croquettes in 15 minutes with a sauce of canned tomatoes and coriander. Canned beans and walnuts, more coriander and lemon juice combine to make a Georgian (from Russia) salad, *Lobio*. For dessert, pancakes with the heavenly texture of fried pudding, made of sour cream, ricotta, and cottage cheese topped with lingonberries. "They're good with any kind of jam, applesauce, or sour cream—whatever is at hand." Improvisation for Mr. Smakov means turning ground meat and pastry from the freezer into a coulibiac (a sort of meat loaf wrapped in pastry). The pie can be made on the spot or ahead and frozen, then baked without thawing—no advance thinking necessary! Shopping information, see page 136. Recipes, see page 127.

Placemats, napkin, flatware, from Of All Things

Bean and walnut salad

Cottage pancakes with lingonberries

Superstar of the protein world

The egg is a mini-miracle, often called a "perfect food," that leavens batters, clarifies stocks, enriches sauces, thickens custards, emulsifies liquids. Scientists use egg protein as a standard of measure for protein in other foods—the white is almost pure protein. In some cultures a luxury to be shared with friends, the egg is a treasure chest of minerals (it holds 13 essential to our diet), a good source of vitamin A and riboflavin, and one of the few foods that contains vitamin D. Choose grade AA (Fresh Fancy) or grade A eggs for frying and poaching (their yolks stay high and centered). Grade B eggs, equally nutritious and tasty, are suitable for any other dishes. If there is less than a 9 cent price spread between sizes of eggs, the larger gives you more for your money.

I. Nobu

Four easy dishes from four basic techniques

Eggs baked with cream

Poached egg in aspic

Break egg (this one is a double yolker) into a ramekin with pea purée, pour in hot cream to cover, bake 10 minutes in a bain-marie. Sprinkle with parsley, serve hot. Tip: For a simpler version, break egg into cream, sprinkle with crisp bacon, top with more cream, bake.

Spoon syrupy aspic into custard cup and chill. Top with dill sprig, trimmed poached egg, add more aspic to surround and cover the egg. Chill until set. Tip: Before poaching, roll whole egg back and forth in simmering water to count of 10 for a neat shape.

-the economical egg

An eggshell's color is determined by the breed of hen and does not affect the quality of the egg. Store eggs, large end up, in the refrigerator away from strong aromatic foods—though many are sprayed lightly with a mineral-oil sealer to keep them from absorbing odors and flavors. They should stay fresh up to 4 weeks, but when in doubt, drop the egg gently into a bowl of cold water—if it floats, throw it away. Maurice Moore-Betty, cooking teacher and author (look for *The Maurice Moore-Betty Cookbook,* just published by Bobbs-Merrill), relies on egg dishes like his creations below for quick, healthy suppers as well as traditional English and American breakfasts, and finds them eminently suitable for luncheon and party fare, especially hors d'oeuvre or appetizers. His advice—"Above all, treat an egg gently and with respect."

Continued on page 129

Exotic eggs—pictured here: Reeves's pheasant, mallard duck, wild turkey, bobwhite quail, chukar partridge, ring-necked pheasant—are usually bought by breeders but can be delicious eating. For example, guinea hen eggs, with their high oil content, make superb mayonnaise. For information on where to buy some unusual eggs, see Shopping Information.

Truffled scrambled eggs

Perfect scrambled eggs need tender loving care—mix them gently, then pour into hot butter in saucepan and stir constantly until just set. Tip: To make ahead for a crowd, cook eggs, set aside—just before

Scotch egg

Traditional pub dish: Wrap hard-boiled eggs in sausage, dip in egg and bread crumbs, deep fry 3-4 minutes. Serve for hors d'oeuvre or lunch. Tip: Simmer eggs over moderate heat 15-20 minutes, then cool

THE LIFE OF THE PARTY

Tips and recipes for cheering new punches with plenty of fruit for zip

Mix up a bowlful of punch as you would a wonderful soup—and for the same reason!—to serve lots of guests economically with a minimum of fuss. Create as you go along, adding dustings of nutmeg, whiffs of cinnamon, a pinch of allspice or cardamom. Keep a freezerful of juices—pineapple, orange, grapefruit, plus lemonade. Use them as "stock." Poach seasonal fruits such as apples, pears, or cranberries to give a base, add fruit juice or hot or cold strong tea or coffee. Thicken and enrich the punch by floating piles of beaten egg white, heavy cream, or even ice cream on top or keep it light and colorful with more fruit. Below are a batch of ideas from good cooks for a season full of good cheer.

Tips

To keep cold punches cold: Freeze water in heavy-duty plastic bags, place in punch bowl, and pour ingredients around. Before serving, lift out and replace with a more decorative ice ring. Saves refrigerator space since punch chills on a counter. Or use some of the plastic molds in fish and animal shapes and fill with fruit juice or water (fruit juice takes longer to freeze solid). Or freeze juice in ice-cube trays with a few cranberries, lemon slices, or mint leaves in each. Collect a bagful to keep on hand for last-minute additions.

Freeze whole cranberries, grapes, lemon and orange slices by laying them flat on baking sheets in the freezer. Add cranberries and grapes to a punch of orange juice, Kriter sparkling wine, and Reynac Pineau des Charentes. Float lemon slices on a punch of white wine, Zwack apricot liqueur, lemon juice, and sparkling water. Top a red-wine cranberry-juice sparkling-water punch with the orange slices. No need for ice cubes. From Bonny Birnbaum, wine distributor.

A casual way to serve hot wine punches is right from the stove. Make it in a large stockpot and ladle into inexpensive white restaurant mugs. Punch-in-a-pitcher is also an easy and neat way to serve. From Bunny Dell, cooking-school teacher.

Give this year's eggnog a sparkle by adding a bottle of Asti Spumante. From Cinzano.

Frothy nogs

Mount Vernon eggnog: Combine 1 pint cognac with ½ pint each sherry, rum, and rye whiskey. Beat 12 egg yolks until thick and gradually beat in 1 cup sugar. Stir liquors into yolks without beating; add 1 quart milk. Beat 12 egg whites until stiff but not dry and fold in gently. Lightly mix in 1 quart heavy cream, whipped until it holds a soft shape. Refrigerate at least 12 hours. It may stand 1–2 days. Serves 15, twice.

Chocolate nog: Combine 3 egg whites, ¾ cup cocoa, ¾ teaspoon ground cinnamon, ⅛ teaspoon ground nutmeg, ¾ cup sugar, and 1 cup milk in a blender or food processor. Blend 15 seconds. Pour into a large saucepan with 2¾ quarts milk and 1 cup of either chocolate or chocolate-almond liqueur, or try a Bourbon or other whiskey liqueur. Heat until hot but do not boil. Pour into a heatproof pitcher. Garnish with whipped cream, cinnamon sticks, and a sprinkling of cocoa. Serves 12. From Hershey's Cocoa.

Harvard '45 milk punch: Blend in small batches in a blender 2 quarts milk, 1 pint coffee ice cream, ⅔ cup Bourbon, and ⅓ cup rum. You may wish to adjust amounts of liquor to taste. Punch should be smooth, not sharp, and pale cream in color. Makes about 14 6-

Continued on page 132

Ladles plain and fancy: 1. White ceramic, at Dean & DeLuca 2. Silverplate classic by Webster Wilcox div. of International Silver 3. "Continental" pattern sterling by Georg Jensen 4. Slender silverplate by Christofle 5. Speckled enamel, large capacity, at Dean & DeLuca 6. "Boutique" pattern, ceramic handle by Villeroy & Boch 7. Stainless steel with pour spouts by Oxford Hall 8. Polished olivewood, Harriet Amanda Chapman 9. "Harvest Grape" silverplate by Taunton Silversmiths 10. "Early English" sterling pattern, James Robinson 11. One-half cup stainless steel, at Dean & DeLuca. Please turn to Shopping Information

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Wine & Food Cover
continued from page 117)

Peach cake

(See Wine & Food cover)

This cake must be made a day or two ahead so it can firm and dry. You will need 1 or 2 1½-quart stainless steel mixing bowls 8 inches in diameter to use as molds. If you have only 1 bowl, divide the recipe in two and make a second batch after the first half is finished, as génoise batter must not wait before baking.

INGREDIENTS

8 eggs
2 egg yolks
1½ cups sugar
1 teaspoon vanilla
1 teaspoon lemon zest, finely grated
1⅓ cups all-purpose flour, sifted after measuring
3 tablespoons sweet butter, melted
Oil for cake racks
Grand Marnier liqueur or other orange-flavored liqueur
3 cups heavy cream or substitute, 1 quart ice cream, softened, for 2 cups of the heavy cream
Confectioners sugar
Red and yellow food coloring
¼ cup simple sugar syrup (1 cup water, 1 cup sugar, boiled together 2 minutes in a heavy pan)
Fresh green leaves for garnish
Sliced peaches, optional
Raspberry sauce, optional

METHOD

☐ Have all ingredients measured and ready. It will be easiest to make the cakes in a heavy mixer or with an electric beater. Break the eggs and extra yolks into a large mixing bowl. Add 1½ cups sugar, vanilla, and lemon zest. Gently warm the bowl over low heat, all the while whisking the ingredients until they are just warm. Beat the mixture by machine exactly 9 minutes.

☐ Take the bowl off the mixer and start adding flour in a slow stream. Using your right hand with fingers stiffly spread, fold in flour. Plunge deep into the batter, reaching to the bottom of the bowl and lifting and folding the comforting mass while the left hand turns the bowl and continues to add flour. Don't overwork or the cake will be dense and coarse-textured. You are through as soon as there are no feelable or visible slicks of flour. Sprinkle on the butter and fold again briefly. The whole process will take less than 1 minute. Immediately fill 2 buttered and floured 1½-quart stainless steel bowls with the batter.

☐ Put on a cookie sheet and bake in a preheated 350° oven 35 minutes. Remove and cool briefly before turning out on lightly oiled cake rack. When cool, trim and round off crisp edges from the top rim with scissors. Put a sieve over the cakes to keep flies away and let them sit out a day to firm.

☐ To fill, cut a coned circle from the flat top of each cake. Dig out crumbs until a 1¼-inch-thick shell remains. Sprinkle the center with liqueur and fill the 2 halves: Because the cake is bland, it can be flavored and filled in any way imaginable. Crumble the cut-out core into crumbs and add them to 2 cups whipped cream flavored with confectioners sugar and vanilla. Or fold crumbs into softened ice cream with perhaps some diced fruit or nuts. Spoon the filling into the hollows and over the top edge. Sandwich the halves together and cut off a thin slice from the bottom edge so the "peach" can stand upright. Place in freezer until firm. Prop if necessary.

☐ To make peach fuzz, add 3 drops each red and yellow food color to ½ cup sugar in a bowl; stir until it is a uniform color. Put a doily or large green leaves on a platter. Set cake on platter. Brush cake lightly with sugar syrup and rub generously with colored sugar. It will turn a deeper shade of peach and brown portions of cake will blush under their sugary coating.

☐ Whip the remaining 1 cup of cream very stiff. Add some confectioners sugar to sweeten and fill in any crevices between the peach halves. Pipe a neat row of rosettes to cover the center joint. The cake can go back into the freezer for 1 hour at this point, if desired. Place a sprig with 2 small leaves as a stem on top before service. Serves 12-16. Serve with fresh or frozen sliced peaches and raspberry sauce made by puréeing frozen berries and adding a splash of liqueur, if desired. ■

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Smakov
continued from page 119

cream. Add more liquid if mixture is too stiff. The processor gives such a smooth purée, no eggs are needed to bind the mixture. Shape meat into fat ovals and place in greased gratin dishes, two by two. Bake 10 minutes at 400° and serve with saffron or herbed rice. If you want a sauce, make one with about two tablespoons canned béarnaise, plus heavy cream, two egg yolks, and lemon juice whisked and heated in a saucepan until hot. The sauce is also good cold with cold asparagus or broccoli.

Leftover chicken forms the base of another Georgian dish, **Satsivi:** Cut chicken into small pieces and place in the bottom of a baking dish. Top with a sauce of chopped walnuts, garlic, coriander, heavy cream, and chicken broth. Pour over the chicken and heat through (about 25 minutes at 350°). Add lemon juice or pomegranate juice if desired for a little spice. Or, prepare chicken the same way and make a sweet and sour sauce of pomegranate and lemon juices, fresh coriander, and canned or cooked plums. When roasting a duck or chicken, baste with pomegranate juice for the last half hour. "You can even cook fish with pomegranate juice!" In the refrigerator, marinate chopped garlic in pomegranate juice with lots of fresh coriander. Bake the fish until half done, then spread with a thin layer of the pomegranate mixture and pour some around the fish. Finish baking. "The fish absorbs the sauce and becomes juicy and fragrant, irresistible!"

A good way with vegetables for an appetizer: A Russian vinaigrette salad combines small pickles or cornichons, hard-boiled eggs, green peas, carrots, beets (all canned) with parsley, apples, and herring mixed with mayonnaise and lemon juice. ■

MENU 1
Chicken croquettes Italienne
Bean salad with walnuts (Lobio)
Green salad
Cottage pancakes
Red and white wine

MENU 2
Chicken broth with fresh dill
Beef and mushroom coulibiac
Vegetable salad
Fruit compote
Red and white wine

Smakov recipes
continued from page 121

Chicken croquettes Italienne

INGREDIENTS

3 eggs
½ cup Parmesan cheese, grated
1 bunch fresh parsley
Dash Bon Appétit seasoning
¼ cup good dry white wine
About 2 pounds leftover cooked chicken, on the carcass from a roast chicken or in fairly large pieces
Olive oil
1 tablespoon garlic, chopped finely
1 small bunch fresh coriander, chopped
Juice of 1 lime
White pepper
Lemon pepper
1 2-pound, 3-ounce can Italian peeled tomatoes, drained

METHOD

☐ Beat eggs and Parmesan in a low, wide bowl. Chop ½ the parsley and add. Season with Bon Appétit and thin with wine.

☐ Cut pieces of chicken from the carcass and remove skin and exterior bones (like the ribs; if you have legs or wings, just remove skin, leave bones in). Heat 2 tablespoons olive oil in a large frying pan. Roll chicken pieces in Parmesan batter, then put in frying pan. Cook until lightly browned all over. Add more oil if necessary.

☐ While chicken is cooking, dribble olive oil over the bottom of a large oven-to-table baking dish. Arrange chicken in dish as it finishes browning.

☐ Put garlic, coriander, lime juice, white and lemon peppers, tomatoes in processor. Blend until well chopped. Taste for seasoning; it should be slightly sour. Add more lime or lemon juice if necessary.

☐ Pour sauce over chicken and place in a preheated 375° oven about 10 minutes or

Continued on page 128

continued from page 127

until heated through. Garnish with more parsley. Serves 6.

Bean salad (Lobio from Georgia in Russia)

INGREDIENTS

Olive oil
2 medium-sized onions, thinly sliced
Dash Bon Appétit seasoning
3 1-pound cans cannellini or use 1 can each cannellini, kidney beans and chick peas, drained
1 bunch fresh coriander or parsley, finely chopped
1 tablespoon garlic (about 5 cloves, finely chopped
Juice of 1-2 lemons
2 4-ounce cans walnut halves, very finely chopped
Freshly ground pepper
Fresh parsley, optional
Lemon slices, optional
Canned pimientos, optional

METHOD

☐ Heat 2 tablespoons olive oil in a large frying pan, add onions, and cook over moderate heat until very soft, about 10-15 minutes. Season lightly with Bon Appétit. Let cool briefly and chop finely in a food processor or by hand. Add to beans in a large bowl with the coriander, garlic, juice of 1 lemon, and walnuts. Toss well. Taste for seasoning and add more lemon juice, pepper, and olive oil as needed. Garnish with parsley, lemon slices, and pimiento, if desired. Serves 6-8.

Cottage pancakes

INGREDIENTS

3 eggs
1 8-ounce container cottage cheese
1 15-ounce container ricotta cheese
4 ounces sour cream
1 teaspoon sugar or 1 package Sweet N' Low
About 1 cup flour
Lingonberries, or fruit jam, sour cream, or applesauce

METHOD

☐ Put eggs, cottage and ricotta cheeses, sour cream, and sugar or substitute in the container of a food processor and blend until smooth. Add ¾ cup flour and process until smooth again. Mixture should be very thick and mound like a soft mayonnaise. Add flour by tablespoonfuls until the right texture is reached.

☐ Heat a large frying pan and grease it with butter. Fry batter by spoonfuls until brown on one side, about 2 minutes. Turn and brown second side. Arrange on hot platter, top with lingonberries, jam, sour cream, or applesauce. Serves 6-8.

Beef and mushroom coulibiac

INGREDIENTS FOR FILLING

3 ounces dried Polish mushrooms (cèpes) or 1 box (8 ounces) fresh mushrooms
2 pounds lean ground beef
2 tablespoons olive oil
3 medium onions, peeled and thinly sliced
5 hard-boiled eggs, chopped
½ bunch dill, chopped
1½ teaspoons sea salt
Dash lemon pepper
1 teaspoon white pepper
About ½ cup sour cream or chicken broth

INGREDIENTS FOR PASTRY

1 pound sour cream
1 pound sweet butter, melted
10 cups flour
2 egg yolks

METHOD FOR FILLING

☐ If using dried mushrooms, soak them 2-3 hours in cold water to cover. Drain (save mushroom broth to flavor soups and stocks), rinse, chop, and reserve. If using fresh mushrooms, slice them thinly.

☐ Brown the beef in a large skillet until it loses its redness. Heat 2 tablespoons olive oil in another large skillet and add the onions. Sauté onions until soft, about 10 minutes. Add mushrooms and cook another few minutes. Transfer mixture to a food processor with the hard-boiled eggs, dill, salt, lemon and white peppers, and pro-

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ess quickly to blend well. Do not turn it nto a purée. If you do not have a processor, the entire mixture can be turned out nto a large chopping board and chopped y hand.

] Add onion mixture to meat in a large owl and mix well. Moisten with sour ream, if you want a rich filling, or with hicken stock.

IETHOD FOR PASTRY AND ASSEMBLY

] Put sour cream, melted butter, and flour n a food processor and process until mixure forms a ball. Depending on size of mahine, this may have to be done in thirds. et rest in freezer 10 minutes. The recipe nakes enough dough to cover 3 coulibiacs. Store the remaining pastry, well rapped, in the freezer. For pastry for 1 ie, use 10 tablespoons each sour cream nd butter and 3½ cups flour.

] Liberally flour a large sheet of heavyuty foil. Roll and pat enough pastry for 1 ie out into a ¼-inch-thick rectangle. Arange the meat down the center of the astry and use the foil to help lift the pastry p and over the meat to join in a seam lown the length of the top. Pinch edges toether.

] Roll pastry scraps between your palms nto a long rope. Twist it and press onto astry over the seam. Roll more scraps nto small ropes and write the name of the uest of honor, perhaps, or decorate the op. Pie can be assembled ahead of time o this point. Put in the freezer to firm pastry. When firm, wrap well and store in freezer up to 1 month before baking.

☐ When ready to bake, preheat oven to 375°. Beat the egg yolks lightly and paint the pie liberally with yolk. Poke holes through the pastry with a thin skewer to let steam escape. Bake the pie 30 minutes if it is not frozen, 45 minutes if frozen (put it in oven without defrosting. Just let it sit at room temperature while oven preheats). Serves 8-19.

Orange-apple compote

INGREDIENTS

4 oranges
4 apples
3 cups water
1 stick cinnamon
½ cup Cointreau
Whipped cream, optional

METHOD

☐ Peel zest off 1 of the oranges and cut into thin julienne. Peel the oranges of all remaining skin and membrane and section over a saucepan to catch the juice. Peel and core apples and cut into wedges. Add them to the saucepan with the zest and orange sections. Add the water, cinnamon, and Cointreau. Bring to a boil and simmer gently until apples are tender, about 5 minutes. Serve warm or cold with whipped cream if desired. Serves 8.

Smakov's Chicken broth

INGREDIENTS

5 cups chicken broth
1 cup dry white wine
Juice of 1 lemon
4 tablespoons fresh dill, chopped

METHOD

☐ Heat chicken broth in a saucepan and add the wine and lemon juice. Simmer 1-2 minutes and pour into small bowls. Sprinkle the top of each with fresh dill. Serves 8. Serve with the beef and mushroom coulibiac. ■

Economical egg
continued from page 123

Leftover yolks and whites are blessings in disguise; yolks are the raw materials of quickly made sauces, custards, pastry creams, puddings, soups, hot punches, ice creams, buttercream frostings; whites, a key element in soufflés, mousses, meringues, fritters, angel cakes, fluffy frostings, sherbets. Store separated eggs tightly covered (yolks under water) in the refrigerator 2-3 days. Or freeze egg whites in ice cube trays, 1 per section, then store frozen in plastic bags. Stabilize egg yolks before freezing with ½ teaspoon salt per cup of yolks for use in savory dishes, 1½ teaspoons sugar

Continued on page 130

Lemon Dream Pie...as simple as a, b, c.

2 envelopes DREAM WHIP®
2¾ cups milk
2 packages (4-serving size) JELL-O® Brand Lemon Flavor Instant Pudding*
1 prepared pie crust

*or use any other flavor

a. Prepare whipped topping mix as directed on package (using 1 cup milk) in large mixing bowl. Add remaining 1¾ cups milk and pudding mix.

b. Whip, then beat at high speed for 2 minutes, scraping bowl occasionally.

c. Spoon into pie shell. Chill at least 4 hours.

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continued from page 129

per cup for use in sweet dishes and desserts. To measure later, remember 1 tablespoon yolk = 1 egg yolk, and 2 tablespoons white = 1 egg white. 3 tablespoons mixed egg = 1 whole egg. In most recipes, you can substitute 2 whites or yolks for 1 whole egg. If you are concerned about the cholesterol in eggs, don't forsake them altogether (consult your physician), but follow the American Heart Association's recommendation of 300 mg cholesterol per day—an egg has about 250 mg, all in the yolk. Where possible, substitute egg whites for yolks. For example, use 3 whites and 1 yolk for an omelet in place of 2 or 3 whole eggs. ■

Scotch eggs

INGREDIENTS

1 pound bulk sausage meat
6 hard-boiled eggs, peeled
2 eggs, beaten
2 cups well-seasoned fresh white bread crumbs
Oil for frying

METHOD

☐ Divide meat into 6 portions. If you bought link sausages, such as sweet Italian sausages, remove from casings. Pat eggs dry and wrap sausage meat evenly around each one by molding it and patting into place with damp hands. Meat should be about ½ inch thick all around. Dip in beaten egg and roll in bread crumbs to coat well. Heat 3 inches oil in a large skillet or kettle, lower eggs in with a spoon, and deep fry 3-4 minutes. Let cool on absorbent toweling, then halve or quarter the eggs. Serve at room temperature.

Baked eggs on pea-purée nest

INGREDIENTS

4 tablespoons butter
2 packages frozen small peas, thawed
Several mint leaves (optional)
Salt, pepper
6 eggs
1 cup heavy cream, heated to scalding
Fresh parsley, chopped

METHOD

☐ Melt butter in a saucepan, add peas, and cook over low heat 5-6 minutes. Purée peas, with fresh mint if you wish, in blender or food processor at season to taste.

☐ Fill 6 ½-cup ovenproof ram ekins ⅓ full with purée. Mak an indentation in the purée wi the broad end of an egg. Brea 1 egg into each ramekin an add enough hot cream to cov the egg, about 2 tablespoons.

☐ Place ramekins in a roastin pan and pour in boiling water come halfway up the sides Bake, covered with a bakin sheet, in a preheated 350° ove 10 minutes, or until egg white set—bake a few minutes longe if you prefer a hard yolk. Serv sprinkled with chopped parsle

Scrambled eggs with truffles

INGREDIENTS

8 eggs
Salt, pepper
4 tablespoons butter
1 truffle, diced

METHOD

☐ Mix the eggs together lightl in a bowl—do not beat—and season well. Heat the butter a saucepan and, when it begin to foam, add the eggs. Do no add any liquid to the eggs. Stir gently but constantly over ver low heat to encourage the egg to absorb the fat and form curds. Add the truffle and, just as the eggs begin to set, spoo onto warmed plates. Serves 4.

Quick aspic jelly

INGREDIENTS

1½ cups chicken stock
1 small onion, peeled and thinly sliced
1 eggshell, crushed
1 egg white, lightly beaten
1 envelope (1 tablespoon) unflavored gelatin

METHOD

☐ Combine stock, onion, egg shell, and egg white in a sauce pan. Simmer (do *not* let it boi 10 minutes over moderately lo heat, then let cool. Strain th mixture through 3 or 4 thick nesses of cheesecloth. Softe the gelatin by sprinkling over ¼ cup of the strained stock. Dis solve the gelatin-stock in small pan over very low hea then stir into the clarified stock Cool before using.

Poached eggs in aspic

INGREDIENTS

2 teaspoons vinegar
4 eggs
2 cups aspic (recipe above)
Several sprigs dill

METHOD

☐ Heat several inches water in a large shallow skillet with the vinegar. When the water begins to simmer, prick each egg once in air sack at fat end, place it gently, whole, in the water, and push it back and forth with a spoon to the count of 10. Remove the egg, stir the water to form a mini-whirlpool, and break the egg into it. Spoon the white up over the egg as it cooks to shape it neatly—nudge the egg gently at first to keep it from sticking to the bottom of the pan. Simmer the egg about 4 minutes, until the white is set. Remove egg with a slotted spoon and plunge it into a bowl of iced water. Repeat with remaining eggs. Eggs can be refrigerated in the water 1-2 days. Reheat poached eggs if serving with a sauce, as in Eggs Benedict, in several changes of hot water.

☐ Cool the melted aspic in refrigerator or over a bowl of ice water until it is syrupy. Spoon into a small (½-cup) ramekin or mold to a depth of about ⅜ inch and top with 1 or 2 dill sprigs. Place in refrigerator to set. When jelled, top the aspic layer with a trimmed poached egg, then pour in more syrupy aspic to surround and cover the egg. Chill in refrigerator until set. To unmold, run a knife blade around edge, invert onto a chilled plate or serving platter, rub briefly with a warm towel, and lift mold off. Serves 4.

Soufléed crêpes

INGREDIENTS FOR CRÊPE MIXTURE

1½ cups flour
½ teaspoon salt
2½ cups milk
3 tablespoons oil
2 whole eggs
2 egg yolks
Oil for cooking

INGREDIENTS FOR CHEESE SOUFFLÉ MIXTURE

2 tablespoons butter
2 tablespoons flour
⅔ cup milk, heated
3 ounces Gruyère cheese, grated
Salt, pepper
3 egg yolks
4 egg whites

METHOD FOR CRÊPE MIXTURE

☐ Combine the flour, salt, and ½ cup milk in a bowl. Add 2 tablespoons oil while beating and continue beating while adding the eggs and egg yolks. Beat until the batter is smooth and thoroughly blended. Let batter rest 2 hours or more.

☐ Stir in 2 cups milk—the batter should be the consistency of heavy cream. You may need to add more milk. Heat 1 tablespoon oil in a 6-inch crêpe pan or skillet. Pour off excess oil and place 2 tablespoons batter in the center of the hot pan. Tilt pan to cover the surface and cook until batter forms tiny bubbles and begins to leave outer edge of pan. Tap the pan on the outer edge, allow the crêpe to slide half over the rim away from you, then flip the pan to turn the crêpe, or use a spatula to turn. Remove the crêpe to an upturned saucer. Brush crêpe pan with enough oil to coat lightly and repeat the process until all the batter is used. (Oiling the pan is not necessary after every crêpe; if crêpes begin to stick, oil again.) May be made ahead and frozen.

METHOD FOR CHEESE SOUFFLÉ MIXTURE

☐ Melt the butter in a heavy pan, stir in the flour, and cook 2-3 minutes without coloring. Remove from heat and pour in the milk. Stir until smooth, then cook, stirring, over gentle heat 3-4 minutes or until slightly thickened. Off the heat, stir in cheese, 1 teaspoon salt, and a dusting of pepper. Cool briefly, then beat in egg yolks one at a time. Beat egg whites in a large bowl with a pinch of salt until they hold definite peaks. Stir a spoonful into yolk mixture to loosen it, then fold in remainder.

METHOD FOR ASSEMBLY

☐ Place crêpe on a flat surface and put 2 spoonfuls cheese soufflé mixture in the center. Fold crêpe in half and brush surface with a little vegetable oil or melted butter. Place in a buttered ovenproof dish or on ovenproof plates. You may need to use more than 1 dish as you assemble crêpes. Bake crêpes in the middle of a preheated 400° oven 10-12 minutes, or until well-puffed.

Eggs mimosa

INGREDIENTS

6 jumbo eggs, hard-boiled, peeled, and halved crosswise
2 cups chicken-liver pâté or canned pâté de foie gras
1 cup heavy cream
2 cups mayonnaise
Lemon juice
Salt, pepper
Fresh parsley for garnish

METHOD

☐ Remove yolks from eggs and reserve. Cut a thin slice from the bottom of each white half to make it stand upright. Beat the pâté, adding a little cream if necessary, until it is smooth. Taste and correct seasoning. Force pâté through a pastry bag fitted with a large tip—mound into the egg whites. Place filled eggs in a dish in a single layer.

☐ Whip the cream in a large bowl and mix with the mayonnaise. Season to taste with lemon juice, salt, and pepper. Spoon over eggs to coat well. Press reserved yolks through a sieve and scatter over coated eggs. Garnish edges of dish with chopped parsley or whole sprigs. ■

Meal in minutes
continued from page 116

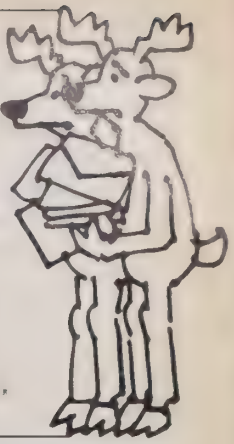
Asparagus soufflettes

INGREDIENTS

2 cups asparagus, fresh or frozen
6 eggs

Continued on page 132

Don't get caught in the herd.



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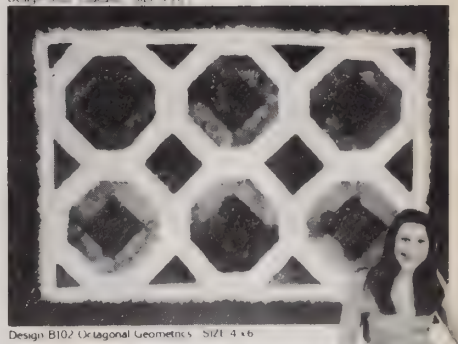
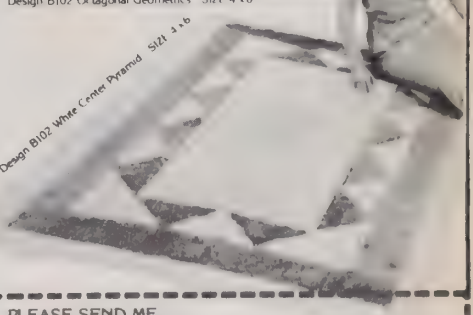


Design B102 Octagonal Geometrics Size 4'x6'



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Meal in minutes
continued from page 131

6 tablespoons milk plus 2 tablespoons butter, melted, or ½ cup heavy cream
¼ cup Swiss or Jarlsberg cheese, grated
1 teaspoon prepared mustard
¼ teaspoon salt
⅛ teaspoon nutmeg, freshly grated
1⅓ cups (about 11 ounces) ricotta or cream cheese
Butter
Quick hollandaise sauce (recipe below)

METHOD

☐ Blanch the fresh asparagus several minutes in a pot of boiling salted water, refresh under running cold water, and drain. (Or, use leftover cooked asparagus; or thaw 1 package frozen asparagus.) Cut into pieces, reserving 6 of the nicest tips for garnish, and set aside.

☐ Place eggs, milk, Swiss cheese, mustard, salt, and nutmeg in a blender or food processor and blend until smooth. With motor running, add asparagus and blend a moment or two.

☐ With motor running, add ricotta in large spoonfuls (or cream cheese in pieces). After all cheese has been added, continue blending 4 or 5 seconds longer. Pour the batter into 6 well-buttered 1-cup ramekins—they should be about ¾ full. Place them on the middle shelf of a preheated 375° oven and bake 15–20 minutes or until puffed and set. Unmold onto individual serving plates. Top with quick hollandaise sauce and garnish with the reserved asparagus tips. Serves 6.

Quick hollandaise sauce

INGREDIENTS

3 egg yolks
1 tablespoon lemon juice
Dash cayenne pepper
⅛ teaspoon salt
¼ pound (1 stick) butter, heated until melted but not browned

METHOD

☐ Place egg yolks, lemon juice, cayenne, and salt in blender or food processor. Cover, turn on the motor, and remove the center section of the blender. Slowly pour the hot butter into the blender or through feed tube of food processor. The sauce will thicken as you pour.

Baked apples allegro

INGREDIENTS

6 medium-sized apples (choose firm, tart-sweet apples)
2 tablespoons butter, melted
Lemon juice (optional)
Brown sugar
1½ teaspoons brandy
Scant ½ teaspoon cinnamon
Whipped cream (optional)

METHOD

☐ Peel the apples, cut them into quarters, and remove the cores. Arrange them in a single layer, core side down, in a buttered baking dish. Brush apples with melted butter, sprinkle with lemon juice, sugar to taste, brandy, and cinnamon. Bake in a preheated 400° oven 10 minutes, or until apples are tender. Remove from oven, turn apples over in sauce that has collected in the bottom of the pan, and serve warm, with whipped cream if desired. ■

Good spirits
continued from page 124

ounce servings.
From Marjorie Blanchard, food editor and cookbook author.

Mocha frosted: Beat 1 pint chocolate ice cream into 1 quart strong, cold coffee with either chocolate or coffee liqueur to taste (a hint of orange liqueur would add mystery). Pour into 8 chilled glasses. Adapted from **Cooking with Coffee** by Nadina Darroch (Hart).

Fruit punches

Sparkling melon punch: Combine in a large bowl 1 fifth Midori melon liqueur, 1 fifth light rum, 12 ounces crème de banane, 1 46-ounce can pineapple juice, 12 ounces Rose's lime juice. Add 1½ quarts club soda just before serving. Serves 40.

Cranberry-plum cooler: Combine 1 fifth Aki plum liqueur, 1 fifth vodka, and 1 quart cranberry juice in a bowl over a block of ice. Add ice cubes frozen with a drop of grenadine in each. Add 1 quart club soda and 1 quart 7-Up just before serving. Serves 36.

Burgundy strawberries: Combine 1 cup unsweetened frozen strawberries and ½ cup strawberry liqueur in a small bowl. Place ¼ cup sugar, 1 teaspoon allspice and 1 teaspoon whole cloves tied in cheesecloth, and 1 bottle Burgundy wine in a saucepan and simmer 10 minutes. Remove spices and stir in strawberry mixture—heat through. Pour into heatproof bowl. Warm ½ cup strawberry liqueur, ignite, and pour into punch. When the flame subsides, pour into glass mugs. Top with a small scoop of vanilla ice cream. Serves 6. From Marie Brizard Liqueurs.

Scottish brew: Blend together 1 fifth Scotch, 1 fifth Scotch liqueur, 3 cups strong tea, and the juice of 6 oranges and 6 lemons. Let punch stand several hours, pour in 3 bottles of ginger ale just before serving. From Teacher's Scotch.

Boscobel's hot Christmas punch: Mix together 2 gallons fresh cider, 2 whole lemons peeled and sliced, 2 whole oranges peeled and sliced, 1 box cinnamon sticks, 1 tablespoon ground cinnamon, 1 tablespoon nutmeg, 10 whole cloves, and 2 cups light rum. Heat to the boiling point and serve. Serves 20.

Cranberries and Cointreau
Tie up 6 cloves, 3 cardamom seeds, ar 2 cinnamon sticks in cheesecloth. Pla in a large saucepan with ⅓-½ cup supe fine sugar and 1 cup cranberry juice ar cook until sugar dissolves. Add 1 slic lemon, 1 sliced navel orange, 1 bottle r wine, ½ cup cognac, ¼ cup Cointrea and 2 more cups cranberry juice. Sir mer over very low heat 15 minutes. Ch punch overnight so flavors mellow, th reheat—remove fruit slices and spice b before serving. Serves 8–10.
From caterer Steve Bierman.

Four wintry punches *from wine writ Doris Tobias*:

Peppery pear punch: Winey winter pea combine with red wine and the zing freshly ground pepper and cloves make a savory warming brew.
6 winter pears
6 tablespoons brown sugar
6 tablespoons lemon juice
12 whole cloves
½ gallon red wine, such as Hearty Bu gundy
⅓ cup pear liqueur (optional)
3–4 grindings black peppercorns, or teaspoon
☐ Peel, core, and cut pears into slic about ⅛ inch thick. Place on a cook sheet, sprinkle with brown sugar an lemon juice, and strew cloves over then Bake the pears in a moderately hot ove (350°) 15–20 minutes, or until tender.
☐ Transfer cooked pears to a large sau cepan, including any juices. Pour th wine over them, add the pear liqueu and the ground peppercorns. Bring th mixture to the simmer—don't boil—an stir occasionally.
☐ Ladle into heatproof mugs, addin some of the fruit to each. A sharp Ched dar cheese and crackers make nic munches. About 12 servings.

Cranberry pétillant: The right fresh fruity taste and brilliant color for th season—and quickly assembled.
1 orange, sliced, then slices quartered
1 red Delicious apple, unpeeled, core and diced
1 cup whole canned cranberries
½ cup seedless white grapes, fresh c canned
1 cup cranberry liqueur
1 quart cranberry juice
3 cups ginger ale
☐ Place all the fruit in a large bowl o pretty pitcher. Add the cranberry li queur and let the mixture steep ½ hou or more.
☐ Add ice cubes and pour in the cran berry juice. Stir to blend. When ready t serve, add the ginger ale, additional ice i desired, and stir once again.
☐ Serve in balloon wine glasses, addin some of the fruit and ice to each. Serve 10–12. A platter of small fruitcakes an lemon or spice refrigerator cookies part ner this punch invitingly.

Continued on page 13

Warning: The Surgeon General Has Determined That Cigarette Smoking Is Dangerous to Your Health.

Source comparative 'tar' and nicotine figures: FTC Report May 1978. **Of All Brands Sold:** Lowest tar: 0.5 mg. 'tar,' 0.05 mg. nicotine av. per cigarette. **Golden Lights:** 8 mg. 'tar,' 0.7 mg. nicotine av. per cigarette by FTC Method.

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Good spirits
continued from page 132

Full-blooded Mary: A delightfully warm twist—for those who like really hot Bloody Marys.
1 quart tomato juice
½ cup lemon juice
2 teaspoons horseradish, drained
A few grindings black pepper
Several strong dashes Worcestershire sauce
Several strong dashes Tabasco
1½ cups vodka or gin
1 fresh green bell pepper, seeded, cored, and cut into slender sticks
☐ Combine all ingredients except green pepper and vodka or gin in a large saucepan. Heat to the simmer and simmer 5–6 minutes to blend flavors.
☐ Pour a jigger (1½ ounces) vodka or gin into each of 8 heatproof mugs. Ladle tomato combination into the mugs, stirring to blend. Garnish each mug with several shafts of fresh green pepper. Great with hot sliced knackwurst, served with a straight pretzel in the center and a little pot of Dijon mustard for dipping.

Hot hot red wine punch: Zesty solace for a frosty evening.
2 fifths red wine, or 1 magnum
1 cup ruby port
⅓ cup cognac or other brandy
3 3-inch sticks cinnamon
1 tablespoon whole cloves
¼ teaspoon ginger
¼ teaspoon allspice
3 limes, sliced
Sugar to taste
Dash Angostura bitters
☐ Heat all ingredients, but do not boil. Serve in pretty heatproof mugs. About 10 servings. A tangy-sharp blue-veined cheese, such as Bleu de Bresse or Gorgonzola, served with plain water biscuits provides an unusual taste counterpoint.

Three zesty punches *from wine writer Jan Weimer*:
Pomegranate punch:
3 bottles Beaujolais or other dry red wine
2¼ cups crème de cassis
¾ cup grenadine
2 thinly sliced lemons
Seeds of 2 pomegranates
1 quart sparkling water (optional)
☐ Mix the wine, cassis, and grenadine in a punch bowl with ice cubes. Garnish with the lemon slices and pomegranate seeds. Thin and extend the punch if desired with sparkling water. Serves 10–12.

Orange and almonds:
2½ quarts orange juice, freshly squeezed
1¼ cups Grand Marnier
⅓ cup orgeat syrup
⅓ cup amaretto
Whole blanched almonds
Mint leaves
Orange slices

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ottle champagne or riesling or about
½ cup rum, to taste
Mix together the orange juice, Grand
arnier, syrup, and amaretto in a punch
wl.
Freeze almonds, mint leaves, or other
en leaf, and orange slices in an ice
g and float it in the punch.
Add the champagne or riesling for a
ht, fruity punch or add rum to taste
a punch with a bit more kick. Serves
10.

ulled port with apples:

cups sugar
ups water
cinnamon sticks
cloves
ice of 5 lemons
3 apples, peeled, cored, and cut in
eighths
ups ruby port
cups hard cider
cups applejack or apple brandy
Place sugar and water in a saucepan
d swirl over low heat until sugar has
solved. Tie cinnamon and cloves in
eesecloth and add to syrup with lemon
ce. Simmer gently 10 minutes. Add
ples, cover, and poach 5 minutes until
nder when pierced with a knife. Turn
en half cooked. Cool in syrup over-
ght.
Remove apples with a slotted spoon
d reserve. Discard the spices. Pour the
rt, cider, and applejack or brandy into
e pan with the syrup. Bring to a boil
d simmer gently 5 minutes. Slice re-
ved cooked apples very thin and place
mugs or heated punch bowl. Add
nch. Serves 10. ■

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ace age
ntinued from page 44

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ng, weighing 1½ pounds—a midget
pliance that is a giant in performance,
eal for cleaning up spills on rugs or
ors and for getting at hard-to-reach
annies on steps and risers where dust
cumulates. It is particularly efficient
r cleaning carpet-covered staircases.
he appliance has its own recharger base
hich plugs into an electric outlet.
hen it is set onto the base, it immedi-
ely begins recharging, so it is always
ady to operate. The cost of the power
ed by this mini-vacuum is about 4
nts a week.

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lack & Decker cordless line includes
ass shears, shrub and hedge trimmers,
light-duty drill for hobbyists, and pro-
ssional-duty drills. Further informa-
n: Betty Neal, Black & Decker Tool
o., 701 East Joppa Road, Towson, Md.
204.

ow to restore the finish
l badly stained bathtubs
ie space-age way

urability in materials is another major
iority requirement for items built for
ace. Things have to last, since there are, as yet, no space repair stations. And space is a hostile environment. Surface exteriors of satellites and launch vehicles, for example, must be durable and able to withstand severe extremes of temperature as well as radiation and the micrometeorite bombardment to which they are exposed.

An organic chemical coating able to withstand exposure to space was developed by the Perma-Brite Corp. of Southwick, Mass. Used on space vehicles, it has been adapted for use on earth to restore the finish of badly stained, dulled, discolored, and pitted bathtubs and other bathroom fixtures in similarly poor condition. Called "Mirror Finish," the coating has been used successfully to rehabilitate and restore to new condition damaged bathtubs on the beached Queen Mary, now part of the Hyatt Hotel chain. And it is widely used to renovate old bathroom fixtures in hotels and motels throughout the U.S. It also is used by tub manufacturers for repairs; and in certain regions, it is available to repair bathroom fixtures in private homes. However, because of the cost of the machinery needed to handle the restoration and the kind of materials used, the process cannot be handled economically by a do-it-yourself homeowner.

Applied by service personnel trained in the Perma-Brite method, the refinishing takes less than four hours for a tub and from two to three hours for smaller fixtures, and 48 hours after the process is completed, the tub or other fixtures are ready for use. The resulting finish is resistant to chemicals and water. It is durable and very hard as well as chip resistant.

The restored tub or fixture has a one-year guarantee, the same guarantee given with a new fixture. The advantages in time and money gained by restoration as compared with replacement are considerable, according to Steve McLaughlin, operations manager of Perma-Brite. The cost to restore an old tub with Mirror Finish is under $180. If you replace a tub, the cost does not include faucets or drain or the charge for removing the old fixture. Generally a tile man is involved unless the replacement is an exact fit for the space vacated by the old fixture. There is, as well, the cost of a plumber to be figured in, and there is the matter of time and inconvenience. But considering only the monetary burden, a conservative estimate with respect to replacement is about $300 for fixture and labor. To inquire about the Perma-Brite Mirror Finish service nearest you: Steve McLaughlin, Perma-Brite Corporation, Southwick, Mass. 01077.

The ultimate household energy saver?

Each of these is an impressive example of the practical benefits to domestic living on earth from our national program of space exploration—and each is available now. However, even more impressive and, indeed, startling in its ultimate impact on our personal and national economy is the Power Factor Controller, a device that resulted from technology gained by research on motors used in the Skylab Space Station and the Lunar Roving vehicle, according to its inventor, Frank J. Nola, an engineer at NASA's Marshall Space Flight Center in Huntsville, Ala. Announced by NASA last year, this invention has the capability of reducing by as much as 50 percent the amount of energy employed by the billions of electric motors used in home appliances and industrial machinery throughout the U.S.

It applies to the AC induction motor, the kind of motor used for washing machines and other major home appliances. It is a device, as Nola explains, "that attaches to the leads or to the wires going to the motor and it senses if the motor is wasting power. And if it senses that, it reduces the amount of power being wasted within the motor as well as within the utility company's lines that are delivering the power to the motor." The savings in energy costs are thus provided both to the consumer and the utility company.

A washing-machine motor, for example, requires nearly 125 volts to operate under a heavy load, and when it's in full operation probably uses about 430 watts.

Continued on page 175

The Greenbrier Cooking School

directed by Julie Dannenbaum, presents its 1980 schedule.

A series of 5-day sessions with all new menus will be offered Monday-Friday, repeating 7 times between January and March. The school is for men or women who are novice or serious amateur cooks. Experienced instructors demonstrate the preparation of a variety of specialties and techniques. Morning sessions cover complete meals, from appetizer to dessert, including "do-ahead" dishes for intimate dinners. Afternoon sessions cover hors d'oeuvres and other specialties for entertaining larger groups. Included in the course will be lower-calorie dishes, the right equipment to use and question/answer sessions. There is a Sunday night reception, Thursday night Gold Service dinner, plus ample time to enjoy other social and sports activities.

Course fee is $175, plus daily rate of $55* per person, dbl. occup.; for accommodations, breakfast and dinner daily (tax & service charge excluded). *$5.00 add'l. in March.

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30. DIET SECRETS F *The Goiden Door, Ma La Puerta, The Gre Eugenie-les-Bains.*
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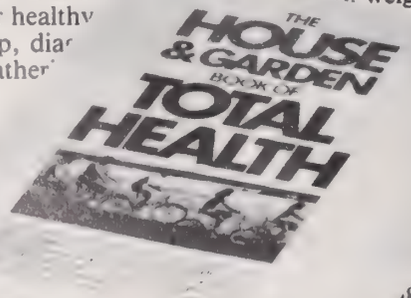

... OUR MI ... SLIM. A ...ou lose weigh

Part Four—Exercise: The Healthy Body i... Action

34. EXERCISE ROUNDUP. Indoor jog... ging, home bicycles, calisthenics, from D... Lenore R. Zohman; bicycling, jogging... from Dr. Willibald Nagler; skating fro... Dr. Tenley E. Albright; cross-coun... from Dr. John L. Marsh... total fitness f... Morehou...
... ...
... ...ward Colt, physi... ...w York Marathon; th... ...running and the right shoes, fro... ...r. Richard O. Schuster.
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38. HOW TO PERFORM BETTER. Ge... ting the most out of your body—three tip... to train body and mind, from Dr. Laurenc... E. Morehouse.
39. SLEEP—THE WAY TO ... HEALTHY LIFE. The difference betwee... physical and mental tiredness, from Dr... Ernest Hartmann; rhythms and sounds... from Dr. Joseph Mendels; how to relax fo... sleep, from David Davis, consultant t... Mount Sinai Hospital, plus ways to help yo... fall asleep.
40. YOUR OWN HOME SPA—TH... BATH. Bathing and your body, from Dr... Anna Kara; water, skin and cosmic forces... from Dr. Diane G. Tanenbaum; towel exer... cises from Larry Lorence, Director of Gal... Fitness in New York; bath and toning exer... cises, from Barbara Pearlman.

Part Five—A Healthy Mind

41. HOW TO BE HAPPY WITH WH... YOU ARE. Prescription for a fuller life... from Dr. Erich Fromm.

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...APE—GETTIN... thinking can hel... . A.A. Bridger, c... ...v making a brea... Joel R. Davitz.... Why getting th... u good, from D...
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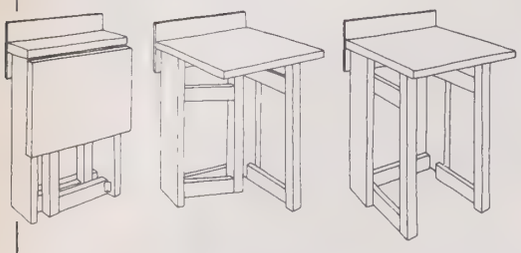
the Kitchen

Remodelings, cooking tips, and helpful hints for your kitch



Space-saving table

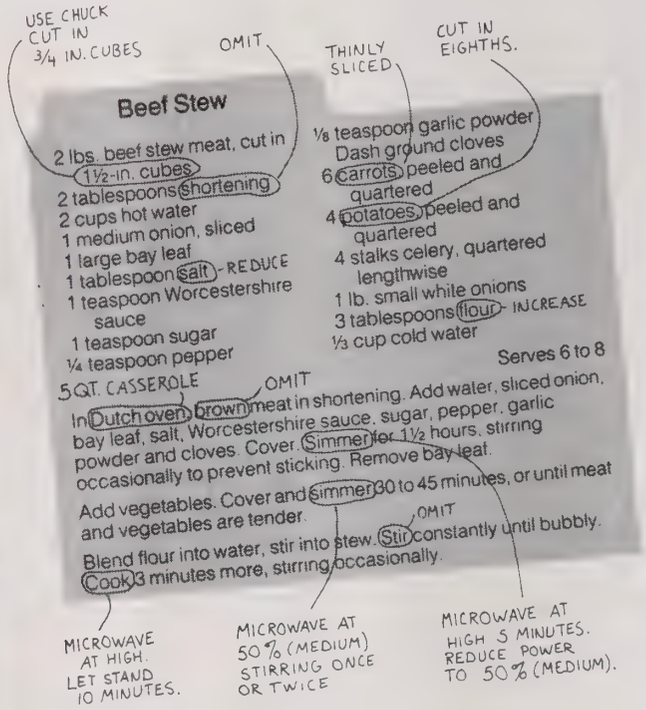
If you think you don't have enough room in your kitchen for this good-looking maple chopping table with detachable backsplash and brass hardware, it's time to reconsider. The 24-by-24-inch chopping area folds to next to nothing (8½ by 24 inches). 32 inches high, by Tree Spirit. $299 ppd. in continental U.S. from Old Guilford Forge, 1840 Boston Post Road, Guilford, Conn. 06437.

Make-ahead recipes for the food processor. For garlic at the ready, food authority Marjorie Blanchard boils two cloves in water for three minutes, then drains and skins them and processes with two tablespoons vegetable oil. The processed garlic will keep refrigerated up to three weeks. One half teaspoon equals one clove fresh garlic. Mayburn Koss of Cuisinarts purées leftover vegetables and freezes them in ice-cube trays to use as needed for making sauces or soups.

Cheese tray to make yourself

A piece of glass and s fresh green leaves are all need to turn an ordinary French basket into a pretty cheese tray. Have cut to fit the lap of the leaving room around edges so you can lift it Lay it over a bed of l (grape leaves are what use in Provence).

Big little kitchen



Old recipes for new microwaves

You may have heard yourself say love my microwave, I'd much ra cook with it than my range, but about all my favorite recipes? How I convert them to microwaving?" there's a book—*Recipe Conversion Microwave* ($9.95, Publication A Inc.)—that has all the answers. It you how to recognize a recipe t easily convertible for cooking in a crowave, and what microwave t niques should be substituted for cooking techniques you're used to. ery recipe is supplemented by a ventional recipe for the same dish the one for beef stew, *left*), sho you how to adapt it for your new o

Simple kitchen makeover

It's only 3 by 9½ feet, but this kitchen regularly turns out three-course dinners for ten without any problem at all. The owners give all the credit for making the tiny space workable to kitchen designer Ruth Layton, who opened the space and provided work room by replacing one kitchen wall with undercounter storage and open shelves above. Appliances—including a stacked washer/dryer, refrigerator, and dishwasher—all went across the aisle, with one exception: A drop-in oven-and-range unit was fitted below the big window "curtained" with glass plant shelves. Wood cabinets were built in above the counter, enhancing the color of the quarry tiles below. More tiles were used as backsplashes, window frieze and sill, and as facing for the range. For details, see Shopping Information.

More than a yogurt maker

If your kitchen is being c run by single-minded ap ances, consider the So cultured food cooker. Ye makes yogurt, but it can make crème fraîche, cot cheese, sour cream, and termilk. It's non-electric, timing—overcooking is impossibility—and it ma quart batches, each one ing you up to 70 percen the supermarket cost of tured foods. $24.45 p #435-1 from Williams-So ma, P.O. Box 3792, San Fr cisco, Calif. 94508.

Maybe We Should Seal Our Mustard With A Cork.

After all, Grey Poupon® is the Dijon mustard made in the original French style with fine white wine. And, like fine wine, the subtle delicate flavor of Grey Poupon enhances the taste of any meal. That's why you'll find Grey Poupon served in the finest restaurants. Enjoy it as one of life's finer pleasures.

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SHOPPING INFORMATION

PRICES APPROXIMATE
State and local taxes additional.
*** Consult your interior designer or department store decorating service.**

TWO BARNS
Pages 78-79
"Tiffany II" upholstered modular seating units: Shown in "Colorado Denim" cover, sand color with 2" channel quilting. Armless unit, 26" x 32" x 29" high, about $145. Corner unit, 32" x 32" x 29" high, about $175. Not shown: ottoman, chaise, armless loveseat, one-arm loveseat, sleep sofa. From the Tiffany Line by Robert Tiffany for The Sherwood Corporation. At West Town House, NYC 10023 and special-order at John A. Brown Company, Oklahoma City OK 73109.
For more details, see Building Facts.

SHORT ON SPACE
Pages 86-87
Major equipment: Sears refrigerator/freezer. Kenmore 4-burner electric range, Kenmore dishwasher. At Sears.
White-enameled cast-iron sink: By Kohler.
Range hood: By Broan.

LIFE IN A SHOEBOX
Pages 88-91
For dining table, bottom serving shelf, counter under window, and storage unit that fits over mattress: **Horizontal-grade Formica laminate** (#918, neutral white.) About $46.40 per 4' by 8' standard sheet. By Formica Corporation.
"Preston Hollow" Antron III nylon carpeting: In "stone" color. 12' width. About $17 sq. yd. By Lees Carpets.
Vertical blinds: Can be rotated 180° and drawn to either side. Opaque white louvers (V-60). Covers area 4' 7/8" by 10' 5 5/8" w, about $220. By LouverDrape.
"Yachting Cotton" woven rep: Shown in "amethyst" and "boysenberry." By Gretchen Bellinger*, NYC 10022.
White adjustable "C1" spotlight: 3 1/4" base plate. Mounts on wall or ceiling. $21 plus shipping (1/2 lb.). Specify item A953806. From Conran's, 145 Huguenot St., New Rochelle NY 10801 (catalogue $2).
Pages 90-91
"Wool Plus" wool and acrylic blanket: With nylon and satin binding. Naturally flame-resistant, shown in "mushroom." Queen-size, about $68. By Faribo Blankets. At Dayton's, Minneapolis MN 55402; Higbee's, Cleveland OH 44113.
Bedlinens: "Piping Hots" all-cotton Supercale sheets. White with pink trim. 200 threads per sq. in. About $26.50 the queen-size flat sheet, $22 the queen-sized fitted sheet. By Wamsutta. At Bloomingdale's, NYC 10022.
Light Glow Bright Indoor/Outdoor Set: String of 25 7-watt lights with an average life of about 1,000 hrs. About $10. By General Electric.
"Belle" secretarial chair: With Kevi casters. Covered in "Bolivia" medium-gray fabric. From ICF*, NYC 10022.
"Plia" chair: Tubular steel frame and clear molded acrylic seat and back. 18 1/2" x 19" x 29 3/4" high, folds flat. $59. By Castelli. At Ambienti, NYC 10021.
On table: 12" glass bubble bowl, $15, 4" diam. glass candle holders, $3.75 each. Add $3 per order for shipping and handling. Both from Of All Things, 900 First Ave., NYC 10022.
On desk: Chrome-shaded work lamp. Fully adjustable, clamps on any surface up to 2 1/4" thick. Takes bulb up to 60 watts. $35 plus shipping (1 lb.). Specify item A954144. From Conran's, 145 Huguenot St., New Rochelle NY 10801 (catalogue $2).
White plastic desk accessories: 4 stackable letter trays, $4.50 each. Tall round pencil holder, $3.50. Rectangular pencil holder, $4. By Gustavsberg. At Seabon, NYC 10022.

BIG BOLD PLANTS
Pages 96-97
Landscape architecture: By James A. van Sweden of Oehme, van Sweden & Associates, Washington DC 20007.

ENERGY UPDATE ANSWERS
Pages 98-99
"Tonda" wicker chair: 47" x 42" x 34" high. Polyester-filled seat cushions. For warm weather use, optional polyester-and-down wrap-back cushion comes off easily. Shown in "Casablanca" fabric from St. Leger collection. By Wicker Works*, San Francisco CA 94110.
Pages 100-101
"Solec Solar"-powered AM radio: 1.5 volts, runs on solar-powered panels at top of unit. Has provision for battery operation when no sun available. $39.95 plus shipping (1 lb.).
"Solec Solar"-powered chargebox: Used to charge batteries or powering systems for radios and tape players. $89.95 plus shipping (1 lb.). From Hammacher Schlemmer, 145 E. 57th St., NYC 10022 (catalogue $1).
"Fuel Saver" thermostat: Model T800. Programmed to automatically raise and lower room temperatures, controlling both heat and air conditioning. About $150. By Honeywell. Through heating/air-conditioning contractors.
"Savile Row" carpeting: Shown in bedroom. Of acrylic, nylon, and other fibers. Shown in "Leeds brown." About $19.99 sq. yd. By Bigelow Sanford.
Afghan kit: To make 50" x 75" afghan. Includes skeins of alpaca, mohair, wool, and cotton, crochet hook or knitting needles (specify which you want), instructions. $72.50 ppd. from Alice Maynard, 133 E. 65th St., NYC 10023.
"Guest Bed" sofa: 86" x 42" x 38" high. Natural cane frame. Covered in "Kukka" Marimekko cotton in "eggplant" color. Top zips to form duvet-like cover. 6 throw pillows, 1 loose seat cushion in "Lappi" Marimekko cotton. Matching loveseat (not shown), 60" x 42" x 38" high. By Selig. For stores near you, please write Selig Manufacturing Co., Leominster MA 01453.

BEDROOM BOWER
Pages 110-111
"Lotus Garden" cotton and polyester sheets: Twin flat sheet, about $9. Twin fitted sheet, about $8.25. Standard pillowcases, about $5 each. Pillowshams, about $17 each. Twin comforter, about $45. By Oscar de la Renta for Cannon Mills.
Crystal floor lamp: 58" high. Polished brass fittings. 3 lights plus revolving switch. White translucent linen shade, 17" diam. By Hansen Lamps*, NYC 10021.
Chinese New Year's basket: Painted red and black, 12" x 10". **Red lacquer 19th-c. Japanese tiered box:** Only 3 of the 4 tiers shown. Both from Lorin Marsh*, NYC 10021.
Pieced pinwheel-variation quilt: Circa 1865, double size, $750. At America Hurrah, NYC 10021.
Brass door handles: 3 1/2" long, $19 each. At William Hunrath, NYC 10022.
One-of-a-kind antique silver-plated hand mirror: 10" x 15" at head, $25. At Beekman Jewelers, NYC 10021.
Victorian scent bottle: 4" x 3". Cut crystal and sterling silver, c. 1901. $225. **Antique cut crystal and silver tubular bottle:** $160. Both at Henri Bendel, NYC 10021.
"Saxony" porcelain vase: 11" high with Oriental floral motif. About $100. By Lenox China.
Durrie rug: 15'6" x 11'1". Circa 1940-1943. By Coury Rugs*, NYC 10022.
Clarence House plate: 6" diam. At Limited Editions, NYC 10021.
Upholstering of furniture; dressing table skirt, and window shades: By Ray Murray, NYC 10021.
"Woodstock" prepasted vinyl wallcovering: Shown in "Pompeiian red." 28" wide, 6" repeat, 3 1/4" right-hand border. Strippable. Matching fabric available. By S.M. Hexter*, NYC 10022.

IMPROMPTU COOKING
Pages 120-121
"Baseball Stripe" and "Soccer Stripe" napkins: Red and white linen and cotton, $2.50 each. "Baseball Stripe" placemats, $3.50 each. By Katja. **"Mondo" stainless steel flatware:** With red plastic handles, dishwasher-safe. $13.75 the 5-piece placesetting. **Deep-red lacquered woven plate:** 11 1/4" diam. From China, $15. Add $3 per order for shipping and handling. All from Of All Things, 900 First Ave., NYC 10022.
"French Chef" gourmet cookware: Oval white platter, oven-, microwave-, and dishwasher-safe. 3 sizes: 14", 16", or 18" long: $10, $12, and $16, respectively. **Black glass bowl:** 11" diam., 4" high. $12.50. All at Dean & DeLuca, NYC 10012.

THE ECONOMICAL EGG
Pages 122-123
"Total Color" black dinnerware: Round 10" dinner plate, $12.50. Round 12"buffet plate, $27. $35. the 5-piece round placesetting. **"Total Color Octagonal" black dinnerware:** Octagonal 10" dinner plate, $13.50. $39.50 the 5-piece octagonal placesetting. Both by Fitz & Floyd. At Bloomingdale's. For information on some **unusual eggs** available seasonally, send a self-addressed stamped envelope to Robert Plackemeier, Rural Route 5, Carrollton MO 64633.

GOOD SPIRITS
Page 124, left to right
1. **White ceramic ladle:** About 3 oz. capacity. $5 at Dean & DeLuca, NYC 10012.
2. **Classic silverplated punch ladle:** $28. By Webster Wilcox Division of International Silver.
3. **"Continental" sterling silver punch ladle:** $735. By Georg Jensen. At Royal Copenhagen, NYC 10022.
4. **Silverplated punch ladle with twisted handle:** 11 1/2" long. $72. By Christophle. At Baccarat, NYC 10022.
5. **Black enameled speckled ladle:** About 6 oz. capacity. $2 at Dean & DeLuca, NYC 10012.
6. **"Boutique" stainless steel ladle:** With ceramic-looking aluminum handle. 11 1/2" long, $38.50. 8 1/2" ladle (not shown), $27.50. By Villeroy & Boch. At Four Seasons Gifts, Great Neck NY 11021.
7. **"High Tech" stainless steel ladle:** 13" long, with hole for hanging. Sold as part of a set of 6 utensils with rack, $35 the set. By Oxford Hall Silversmiths. At Bloomingdale's, NYC 10022.
8. **Olivewood ladle:** About 12" long. $16 ppd.

Continued on page 175

Great News for Steak Lovers!

TWO FREE STEAKS

How Can I Afford to Give Away Steaks?

I know what I'm doing. You really can get two free steaks. They're the finest Omaha Steaks International Filet Mignons. Let me tell you about these marvelous steaks and my company.

The Omaha Steaks International Story

My name is Fred Simon. I'm in the meat business. So was my father and his father . . . back five generations. We've been selling to individuals and to fine restaurants for 130 years.

Omaha Steaks International is the nation's largest Mail Order supplier of steaks and other frozen gourmet foods.

We have a reputation for serving our customers only the finest quality steaks. I pick and choose only the top 10% of USDA Prime and high Choice beef. Each loin must be marbled, meaty and in a word, "magnificent." Each steak is carefully aged, cut, trimmed, vacuum packed and frozen at the peak of flavor.

Skilled cattlemen raise fine beef in Nebraska. Nature helps. Fresh water lakes, black soil and lots of golden corn combine to impart that rich flavor and tenderness. The results—the world's finest steaks for your enjoyment.

Omaha Steaks at Home

There is a group of discerning consumers who want to enjoy the world's finest steaks in their own homes. They want only the best. If you are one of them, I encourage you to try some of my delicious steaks.

I've put together a special introductory package of 4 (6 oz.) Filet Mignons at $28.00. Each steak is 1¼ inches thick. And when you purchase your package of Filet Mignons, you'll receive two extra steaks *absolutely free*. Your two free steaks are identical in every way to the four filets you're buying.

Why Free Steaks?

"Why," you may ask, "are you giving away two top quality steaks? How can you afford that?" The truth is, on the first order, I really can't afford it. But nearly every one of my customers who buys for the first time, orders again . . . and again for years to come. I know you'll be back for more.

Omaha Steaks Are Truly Special

I guarantee these are the finest filets you've ever eaten. These are the same steaks you pay $12 to $15 a serving for in fine restaurants and two are yours for free.

I refuse to try and describe the flavor, tenderness and succulence of our well-aged Filet Mignons. But imagine the joy of your family, and the compliments from your special guests, when you serve the best steaks they ever tasted.

And there's convenience, too. Have you ever missed most of the fun of your own dinner party because you were needed in the kitchen? Dinner can be easy with Omaha Steaks. Our filets, medium rare, piping hot and delectable, are ready in about seven minutes. Serve immediately and you're invited for the entire evening of dining and conversation with your company.

And what about those evenings with just the two of you? Candlelight, flowers, soft music and the aroma and flavor of our Filet Mignons adding warmth to your occasion.

Cooking out is always fun. Easy informal dining on the patio or by the pool. You're the boss. Add your own special touches to your Omaha Steaks International Filet Mignons. Seasoning. Salad. Dessert . . . The pleasure is yours to share.

You simply must try them. The joy is yours . . . the risk is mine.

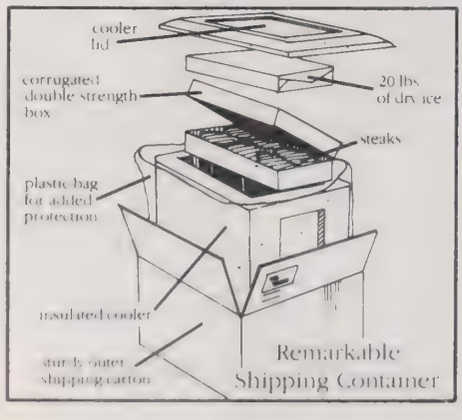
Satisfaction Guaranteed

When you receive your package of four Filet Mignons—*plus your two free ones*—try them within 30 days. If they're not the best you've ever tasted, call toll free right to my office—800/228-9055. I'll replace your order or refund your money, whichever you prefer.

James Beard, world-famous food authority, says, "Omaha Steaks are everything I expect a good steak to be."

Safe Delivery Assured

My method of shipping is truly remarkable. Within two to three weeks from the day you order, I'll deliver your flash-frozen Filets in a handsome reusable insulated cooler. Your steaks will be vacuum sealed, packed in a sturdy corrugated box, ready for easy freezer storage. We ship your steaks from Omaha with twenty pounds of dry ice, in a two-inch thick styrofoam container. The lid is tightly sealed. The cooler is wrapped in a large plastic bag for extra protection. Then the bag and styrofoam container are surrounded by a thick corrugated box, ready for shipping.



Practically speaking, my cooler is a mailable, miniature deep freeze. It works so well I guarantee excellent frozen delivery of your Omaha Steaks.

99% Perfect

Nearly all packages are delivered by United Parcel Service — four to five days from the ship date. But your steaks will remain frozen for eight or nine days — even in the summer.

But we're not perfect, and neither are our carriers. A small number of packages (less than 1%) arrive less than perfect. If you have a problem, just call us toll free and we'll ship out a replacement promptly. You must be 100% satisfied.

Helpful Publications Enclosed

Free of charge, I include three helpful publications with your order. Our complete catalog of gourmet foods, which includes a marvelous array of gourmet fare, *The Omaha Steaks Cookbook,* and our exclusive booklet, *The Pleasures of Entertaining with Food* by James Beard.

It's Easy to Order

Just call my toll free number below, or send your order directly to me. Use any of five major credit cards or send your check. We honor American Express, Carte Blanche, Diners Club, Master Charge and Visa. I'll send you **4 (6 oz.) Filet Mignons** for the regular price of **$28.00** plus $2.00 shipping and handling. In addition, I'll enclose two more top quality steaks *at no charge.* (Or, you can order two packages and get *four* free steaks, a total of 12 Filet Mignons, for $56.00 — plus only one postage and handling charge as long as your shipment goes to one address.)

If you're not pleased, call me within 30 days and you'll owe nothing. Of course, *The Omaha Steaks International Catalog, The Omaha Steaks Cookbook,* and *The Pleasures of Entertaining with Food* by James Beard are yours to keep.

So order now from the comfort of your home or office. The earlier you order, the sooner you'll start enjoying my wonderful Filets. Call or write today.

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Answers to the energy quiz on page 100

1. *True.* The need for artificial lighting is less in rooms that have light-colored walls, ceilings, floor coverings, and furniture, because light colors reflect more light than dark colors.
2. *b. Mittens.* Gloves have a greater outside surface, increasing heat loss, whereas mittens retain heat from four adjacent fingers.
3. *b. Fluorescent.*
4. *False.* Light-colored walls and roofs reflect light and keep a house cooler in summer.
5. *False.* If you increase insulation from 1 to 3 inches in walls and from 2 to 6 inches overhead, you can cut your fuel needs in half.
6. *a. A bath.* A three-minute shower uses less hot water than the average bath.
7. *c. 50%.* Windows account for the greatest heat-loss in the average home.
8. *False.* Sometimes a fire can actually draw warm air out of a room. Also, if a thermostat is located too close to a fireplace, it can result in an inaccurate reading for the rest of the house, resulting in uneven heating.
9. *b. Two light sweaters.* Several layers of lighter clothing can trap and retain escaping body heat better than one heavy layer.
10. *False.* Studies show that more energy is saved overnight than is used to bring a house back to room temperature in the morning.
11. *b. Pilot lights.* As a conservation measure you can have a qualified professional adjust your pilot-light level downward.
12. *False.* Large objects block air flow and keep an air conditioner working harder and longer to cool a room.
13. *False.* A dryer load uses the same amount of energy no matter how big it is, so save your clothes until you have a full load. Also, you can save energy by drying in two full, consecutive loads: the dryer needs less initial energy for the second load.
14. *c. More than 50%.*
15. *True.* Savings can vary, depending on where you live, and how much you reduce your heat. (Recommended: 5 to 10 degrees.)
16. *a. The one-story house.* Compact, multistory houses with less exterior surface lose less heat than one-story houses of comparable interior size.
17. *False.* Set your thermostat at the temperature you want and leave it there. Setting it lower will not cool you any faster. For a different temperature, reset thermostat a few degrees during each four-hour period.
18. *True.*
19. *c. 20%.* Results will vary with location of your house.
20. *d. 33%*

How you rate:

19-20 right: *Energy expert.* Share your knowledge and offer advice to neighbors and friends.

17-18 right: *Good consumer:* You're on the right track, but give it a bit more thought for really effective energy use.

15-16 right: *Average American:* Make a New Year's resolution to learn more about energy use in 1980.

13-14 right: *Borderline case:* Do yourself (and your country) a favor: You are using too much energy—learn to conserve!

12 and lower: *Power predicament.* You might be part of the problem. Get serious about energy saving before it's too late.

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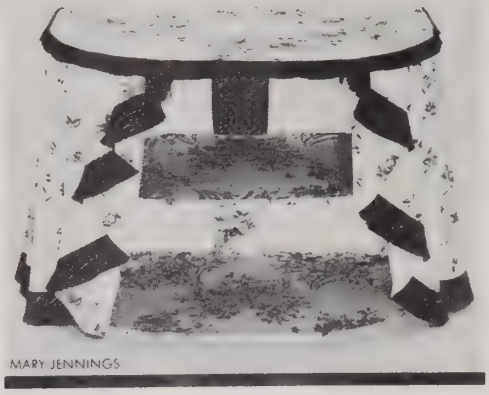
GSA General Services Administration

How to make a jabot-skirted dressing table

(see the one on page 111)



MARY JENNINGS

Have a lumberyard cut three identical half circles, each ⅝ inch thick—one for the base, one for the shelf, and one for the top.

Into each half circle have three notches cut (one on either side and one in the middle of the straight side), each the depth of a 1-by-2. Fit three 1-by-2s (each as long as you want the table to be high) into the notches, placing the shelf right in the middle. Glue and nail.

Cover the table top and the shelf with cotton batting overlaid with sheeting. Tack down.

To make the skirt, cut two pieces of sheeting, each of which fits from the top of the table to the floor and all the way around the table. Cut each piece on a 45-degree angle at one end. The skirt bottom is the shorter side.

Sew pleated poly-cotton fabric border (you can have accordion pleats made by a professional pleater) around the bottom of each half skirt and along the angled end.

Starting in the middle of the straight side (the back of the table), tack each piece to the table top, gathering the fabric as you go to make graceful pleats on either side of the kneehole. Cover gathers with pleated border.

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BY PATRICIA CURTIS

Doggie, it's cold outside!

In winter, your dog or cat needs extra protection and more to eat if it spends time outdoors

e same people who will bundle themves up in warm coats, hats, scarves, ves, and boots often go out the door h their dog dressed only in its birthy suit and stay out for long periods, n hours. Yet, any short-haired dog t spends most of its time in a heated use needs protection from the cold en it goes out. No animal should be t outdoors until it is chilled.

e indoor-outdoor dog

s one thing to take a coatless dog for hour of vigorous exercise or for a v minutes' walk around the block. t if you plan to stay out for a ile, put a sweater or coat on him in ld weather.

If your dog has normal, healthy hair d skin, a raincoat is not essential—the tural oils in its coat will protect it, so g as it isn't out long enough to beme drenched. But be sure to dry the imal thoroughly when you get in.

As I've mentioned before, city dogs st be protected from the salt put on ewalks after a snow or ice storm. It not ly may burn the animal's footpads, but contains harmful chemicals. When the g comes indoors, it's natural for it to k its wet paws, and any of the chemical e dog ingests can make it extremely k. The way to ensure against this is to ve your pet wear boots outdoors in the ow. Most dogs object and have to get ed to them, but they may save the anials' lives. Or, be sure to wash off your g's paws immediately when you bring in—simply wiping them is not enough.

e outdoor dog

ogs who live outdoors year-round ow heavier coats as the days get cold- . The main things you have to do to otect them is to give them excellent elter and to increase their food.

It goes without saying that a doghouse ould be nonleaky, up off the ground feet or blocks, and facing away from e wind. Its size depends on the size of e dog, but it shouldn't be very much rger than the dog. If the house is too g, the animal's body heat can't keep it arm for him.

Some dog-care experts recommend tting the door of a doghouse on the de side and off-center, to create a wellotected, cozy inner corner. A flap over e door is also a good idea. A doghouse r very cold climates might have an inr partition running front to back alost the length of the house, so the animal goes around the partition at the back and enters an almost completely enclosed space to sleep in.

At least one company, Solar One, of Virginia Beach, Va., makes a solar-heated doghouse—not a bad idea for cold climates. (The solar panel can be covered in summer so your outdoor dog can still use its house for shelter then.)

As for bedding for the doghouse, there are differences of opinion, because every material has its assets and drawbacks. Straw or hay is said to provide the best insulation, and if you can obtain a good supply that is clean, dry, and parasite-free, a layer of that is fine. However, if the straw or hay is at all dusty, it can irritate a dog's nasal passages, expecially if it is an allergic animal. Clean, dry straw or hay may also be hard for any but country dwellers to come by—and store.

Cedar chips are good and likely to be cleaner than straw or hay. Since you do have to change the doghouse bedding frequently to be sure it stays clean and dry, a winter's supply of cedar chips can be expensive, however.

Carpeting or blankets are fine *if* you check to be sure they don't get damp in bad weather. The advantage to them is that you can wash, dry, and reuse them.

An outdoor dog should never be left tied up in winter without access to its doghouse. And once your dog grows its winter coat and adjusts to the cold weather, it's advisable not to bring it into a heated house at all.

According to *The Healthy Cat and Dog Cook Book*, a fine paperback on pet care by Joan Harper (Dutton, $3.50), a dog that's kept outside during winter needs twice as much food as an indoor dog. Therefore, if your 32-pound dog eats 12 to 16 ounces of food daily in spring, summer, and fall, increase this to 2 pounds a day in cold weather and be sure what you feed is about 20 percent protein, 20 percent fat, and 60 percent carbohydrates.

The indoor-outdoor cat

It is simply not the nature of a cat to tolerate a coat or sweater, and it would be cruel to make it miserable by trying to get it to wear one. Therefore, the conscientious cat owner who lets a pet outdoors in winter should simply remember not to leave it out for long periods. A cat that spends most of its time in a heated house doesn't grow a winter coat.

When I lived in a garden apartment, my cats were let out for brief periods in winter. They would come in when we called, or would mew at the windows to be let in—we just kept our ears open for their voices.

A half-hour at a time is long enough for a mostly indoor cat to stay out in cold weather.

The outdoor cat

A cat that lives outdoors year-round will grow a good thick coat of fur as cold weather approaches, but of course it still needs to be provided with a dry, cozy place to sleep. Barn cats make themselves nests in the hay or find little nooks and crannies among the stacked bales of hay. I once knew a barn cat that slept on the broad back of a horse in winter.

Lacking a barn—or a horse—you might provide a sturdy covered box in a sheltered place such as a porch. The box should be completely watertight, not too big, and have an opening just big enough for the animal to crawl through. The bedding can be straw or hay, cedar chips, blankets, or carpeting—kept clean and dry.

You will want to increase your outdoor cat's food by at least 50 percent, too, to help it gain the extra weight it needs in cold weather. An average-size (say, 10-pound) adult outdoor cat should eat 9 to 12 ounces of food a day, at least, in winter. Cats need more protein than a dog; *The Healthy Cat and Dog Cook Book* recommends a proportion of 35 percent protein, 30 percent fat, and 35 percent carbohydrates for them. ■

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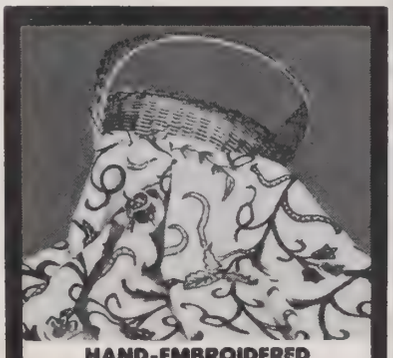

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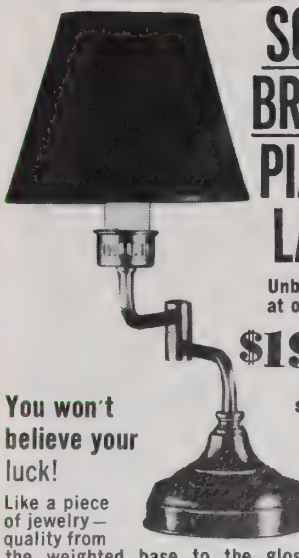

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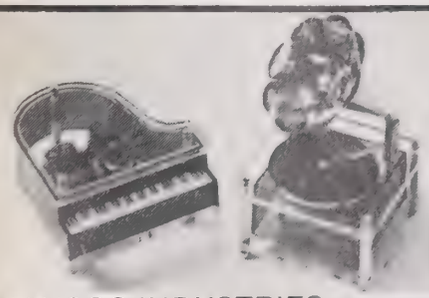

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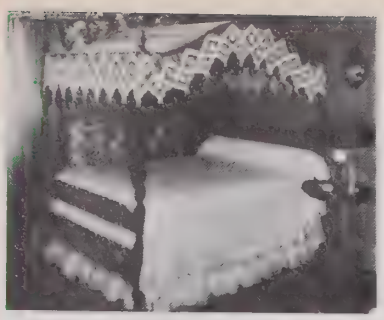

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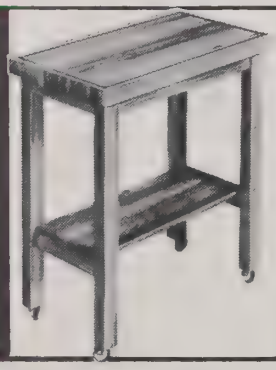

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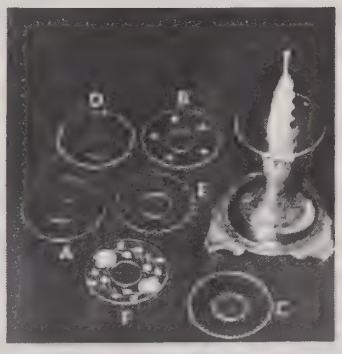

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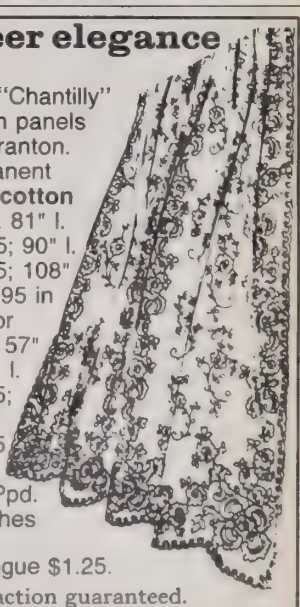

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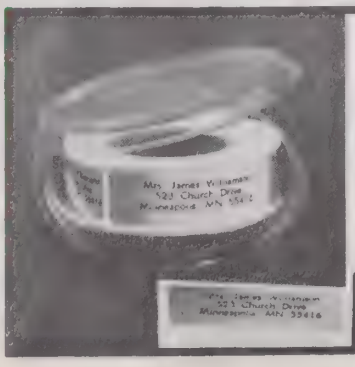

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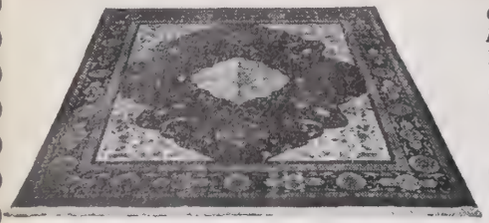

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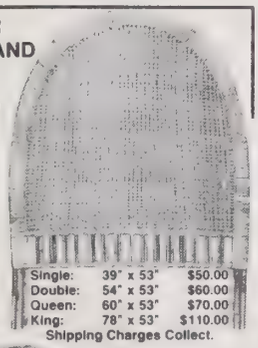

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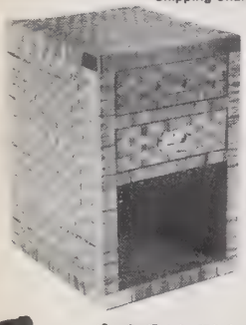

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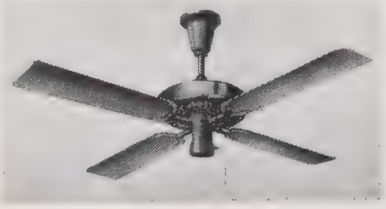

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Light adapter kit, $16

Visa & Mastercharge Accepted

Send 50¢ for brochure.

The Ceiling Fan Gallery

7 Indian Neck Lane, HG11, Peconic, N. Y. 11958

Solid Mahogany oval table, with Italian marble top
$29.95

Carved, folding Victorian rocker
$79.95

Romantic Victorian

New way to save on authentic copies of "yesteryear" furniture. Shipped direct from factory to you, at cut prices. Vast choice of sofas, chairs, tables, clocks, dining, bedroom, accessories. Also Eastlake OAK collection. Send $1 for our 80-page catalog which is TWICE the size of any other published. Mastercharge and Visa.

Send $1 for 80-page CATALOG and free fabrics.
We will refund with $2 off on your first purchase

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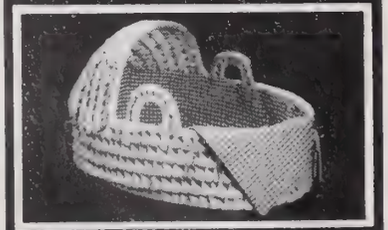
Call (404) 256-4747

Bullrush Baby Basket



Charming classic portable bassinette. A godsend for home and overnight trips from birth to 6 months. Sturdily handwoven from resilient palm and cane. 30" L x 19" W x 18" H (hood) with 8" H walls. Weighs 9 lbs. Free easy lining directions or 2 pc. quilted liner and coverlet in Lt. Blue or Yellow Gingham (specify). Bullrush Baby Basket is $35 (includes postage). 2 pc. liner and coverlet $13. Return within 30 days for refund if displeased. Send Check, MO, Visa, MC, CB, DC, or Am Exp credit-card #, exp. date, and signature with your name, address and zip to:

New Orleans Baby Company — Dept. HG-1
5007 River Road P O Box 4190 New Orleans LA 70178

Credit card orders only call toll-free 800-824-7888 and ask for Operator #457 (in Calif. call 800-852-7777)

Write for infant and toddler gifts & needs catalog.

SHOPPING AROUND

HANDMADE JUMPERS

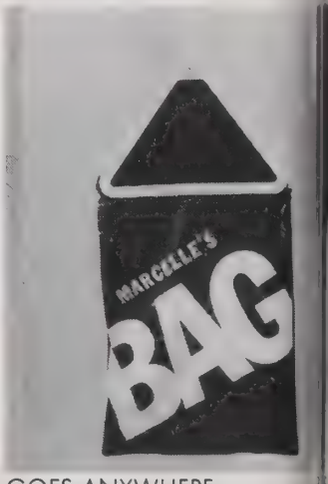
Fully lined, cotton/poly. Girls' sizes: 6, 12, 18 mos., 2-6X, 7-14. Boys (short or long): 6, 12, 18 mos., 2, 3, 4. Name appliqued. Blue/red letters and piping; red or yellow/blue; lt. blue, pink, or yellow/gingham, $19. Reversible, solid colors, $23. Add $2 post. Renee Michaels, HG1, Box 73084, Houston, TX 77090.

SWEET DREAMS

Sugar Plums will dance in heads while they sleep on t personalized pillow cases. name printed in big festive red white candy cane letters. On nc white pillow cases. Please name clearly. $6.95 plus $1.50 Sugar Plum Sheets, HG1, Box Manchester Center, VT 05255.

NAME YOUR FLAME

Hand-finished solid mahogany table lighter personalized according to your specifications. Handsome gift for home or office, any occasion. Limit 12 letters per side. On one side $10; for each additional side $2 extra. Add $1.50 post. Write to Glow Unlimited. Dept. HG1, Box 23334, Ft. Lauderdale, FL 33307.



GOES ANYWHERE

Portable clothes hamper holds laundry load (16 lbs.), comes its own hanging knob and har and enough stick-on vinyl lette personalize it. Fits anywhere. 1 36". Creme white, cocoa, na ruby. Gift boxed. $15 ppd. S Shoppe, HG1, 665 Centre Brockton, MA 02402.

EARLY AMERICAN

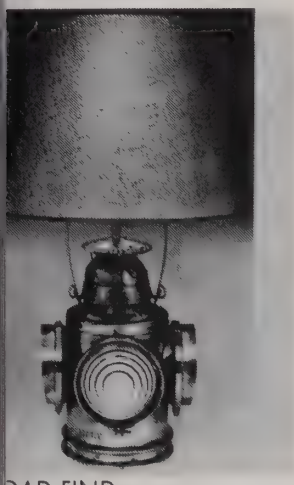
Reproductions of country kitchen spice tins with assorted colors, labels; airtight easy-open shaker caps; 24 different spice labels. Provincial wood rack. Single tier (5 tins) $12; Double (10 tins) $18; triple (15 tins) $26. Add $2.50 post. Write to Pretty Things, HG1, 200 Dake Ave., Rochester, NY 14617.

FLATWARE MATCH-UPS

Get sterling, silverplate pat needed to complete your set. 1,000 usually in stock. Up to 75% off manufacturer's sugg prices. Don't know pattern n Free pattern-identification bo for silverplate or sterling. W Drake Silver Exchange, HG67, Bldg., Colorado Springs, CO 8

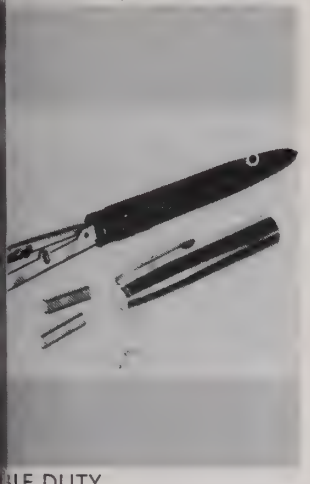
AN TREASURE

rafted brass/elmwood trinket uthentic copy of circa 1700 ox. Lined in calligraphy parch- (Shown) 4x4x5"h. $26 plus post.; 5x5x7"h., drawer, $35 .75. MC/V/BA/AE. 617/262- Free catalogue. The Clipper HG1, Box 595, 590 Common- Ave., Boston, MA 02215.



DAD FIND

al handsome table lamps are ade from original RR switch Regulation red and green light on a four-way switch. ntique copper finish. Shade is burlap. Overall height 28". UPS ppd. Free color cata- Railfinders, HG1, 4519 Ridge- Ave., St. Louis, MO 63116.

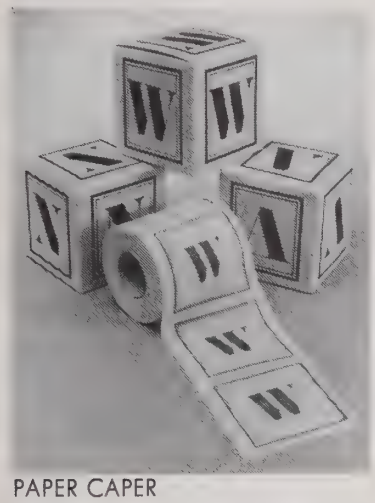


BLE DUTY

e ballpoint pen combines with . Chrome top, pocket clip, re- ble point. Black body. With en refills and staples. Velour ox. $6.95. Standard, without e top, clip, retractable point, or green, $4.95. $1 post. per Witco, HG1, Box 770, Madi- quare Sta., NY, NY 10010.

SHOW-OFF HIPPO

Irresistible in solid polished brass. Only 5" long, but hefty enough to hold plenty of papers and interesting enough to catch everyone's eye and start up a conversation. Intriguing gift idea for any home or office desk, for a coffee table. $16.98 plus $3 post. Robelier, HG1, Box 183, Villanova, PA 19085.



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Fun for gifting those friends who thought they had everything. Two-ply facial-quality toilet tissue with bold monogram on every sheet. Specify the initial wanted. Three rolls $8.95 plus $1 post. MC/Visa. Call toll-free: 1-800/521-5093. The Bloomin' Attic, HG1, 418 So. Washington, Royal Oak, MI 48067.

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Tropical bromeliad air plants in natural coral and sea shells. Plant lives on moisture and air. White coral (l), 8" w; sea urchin (c) 5" w.; natural striped brown and white natilus (r) 6" w. Stand incl. $13.95 ea. add $2 post. ea. Catalogue 75¢. Shell Plant Inc., HG1, 6801 Collins Ave., Miami Beach, FL 33141.

Butcher Block

34" high work table
30" x 24", $169.00
48" x 24", $189.00
60" x 30", $229.00
or choose 30" dining height table at same prices.
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Custom Sizes Available

Two-inch thick maple butcher block top, durable bench-construction frame. Sent express collect. In Illinois, add applicable taxes. Send check or money order, no C.O.D.'s please.

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CHOCOLATES HAND-DIPPED

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For generations hand-dipped by Master New England Confectioners. Bite-size Miniatures (average 60-70 pieces per pound) made from Tradition-Tested Recipes, using only the most Choice Ingredients . . . smooth Chocolate, Select Nut Meats, Sun-ripened Fruits, fresh Butter and rich Cream . . . for the Fresh-From-the-Kitchen Flavor which has made Catherine's Chocolates famous.

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Our elegant spoon holder, in pressed glass, is an exact copy of those produced over 100 years ago, with the same exquisite panel thistle design. In the old days it held spoons, today it acts as an uncommonly handsome celery holder or unusual flower vase. Certainly, it's a prized collector's find and an antique lover's delight! 5½" tall. $10.95

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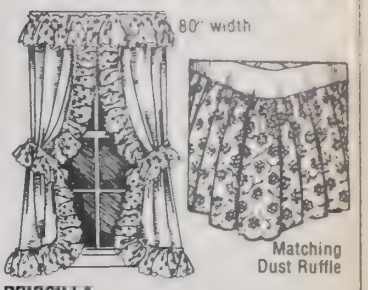

80" width

Matching Dust Ruffle

PRISCILLA
4" polyester eyelet lace ruffled onto 50% polyester-50% rayon curtain • generous fullness • machine wash/tumble dry
80" wide x 45", 54", 63" long — $23.50
80" wide x 72", 81", 90" long — $28.50
Tiebacks — $3.00 per pair.
Extra valance 11" x 72" — $6.50 each

PRISCILLA — eyelet lace dust ruffle
• 100% polyester • 14" matching drop
• white or eggshell • washable
• twin — $19 • full — $21
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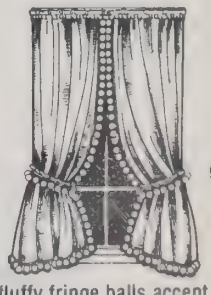
CHRIS • Decorator-look seeded Batiste
60" wide panel x 81", 90" long – $12.00
(two panels illustrated)
• Rust on Eggshell • Blue on White
• Brown on Eggshell • Gold on White
Also solid white or eggshell seeded Batiste
60" wide x 63", 72" long — $6.50
60" wide x 81", 90" long — $7.50



90" width

KATHY
Large fluffy fringe balls accent all decorating periods • 50% polyester — 50% rayon curtain • tiebacks included • natural or white
90" wide x 45", 54", 63" long — $10.50
90" wide x 72", 81", 90" long — $12.50
Extra valance — 10" x 80" — $4.50 ea.

Specify style • size • color when ordering. Allow 3-4 weeks delivery

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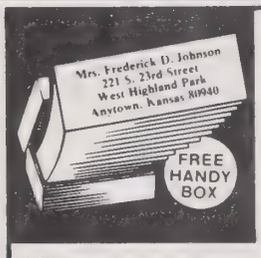
PRESERVED GIANT BOSTON FERN

A FANTASTIC GIFT!

Once a living plant, these ferns are delicately preserved to maintain the texture, color and subtle beauty of the living plant, indefinately, with absolutely no care! Truly a miracle fern . . . you may have seen these preserved decorator delights before, but not at these prices. Each plant is potted in an ivory hand turned ceramic urn with detachable macramae hanger! (Med., 2'6" & over, $12.95) (Lg., 3' & over, $13.95) (X-Lg., 3'6" & over, $15.95) + $3.00 postage and handling each. Order more than one! (Med., $11.95) (Lg., $12.95) (X-Lg., $14.95) + $3.00 P & H each. Tropical Plant Institute, Inc., P. O. Box 21496, Dept. 40, Ft. Lauderdale, FL 33335. **Portfolio $1.00**

SURPRISE YOUR CHILD, GRANDCHILD OR FRIEND

Let the Birthday Duo, POLLY FLO MAY, the rabbit and QUEEK, the Birthday Mouse, send a 5" x 7" personalized, colorful, framable Birthday card to your person near his or her birthday. STORY included. Ed. 1. Allow 4-6 wks. delivery. Send NAME, ADDRESS AND BIRTH DATE with $1.50 Post paid to PFM/QK, Box 50, Meadville, PA 16335.



1000 RETURN ADDRESS LABELS **$1.00**

1000 gummed economy name and address labels printed in black with ANY name, address, zip code. Up to 4 lines. **Order S717 Set of 1000 Economy Labels (boxed)**. **$1.00**

250 Self-Stick GOLD FOIL LABELS **$1.98**

Gleaming gold foil labels stick to any clean, dry surface — need no moistening. Rich black printing, classic border. **Order P6128 Set of 250 Gold Foil Labels (boxed)**. **$1.98**

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Glossy white self-stick labels cling to any smooth surface — no moistening. Sharp black printing up to 4 lines. **Order P6030 Set of 250 White Gloss Labels (boxed)**. **$1.98**

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CITY _____
STATE _____ ZIP _____

___S717 1000 Labels @$1 each $___
___P6128 Gold Foil Labels @$1.98 each $___
___P6030 White Gloss Labels @$1.98 ea $___
Add 20¢ per set for postage & handling $___
SATISFACTION GUARANTEED Total $___

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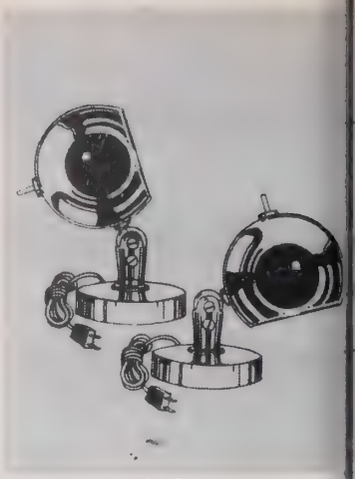
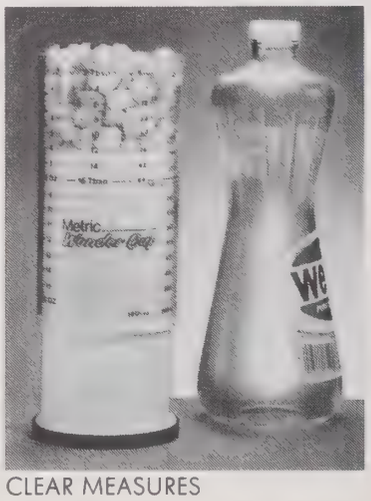


LIGHT UP A SPOT

The Versatile VersaLITE is the pe fect accent light for shelves, table pictures and plants. Specify chrom or brass, 5" dia. At savings, $24. p pair (sold only in pairs) Ppd. Visa/M accepted. Brochure $1. Patrick King & Assoc., Ltd., Dept. HE1, P.(Box 3581 Merchandise Mart, Chic go, IL 60654.



CLEAR MEASURES

Clear polyethylene cup measures wet or dry ingredients in liters, pints, teaspoons, tablespoons, cups, ozs, millimeters. It makes metric conversions painless. It is dishwasher safe. It may be the only measuring device needed in the kitchen. $5 ppd. S.O.S., Dept. G-1, 699 Front St., Teaneck, NJ 07666.

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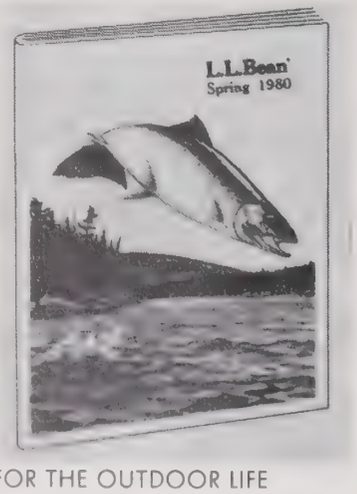
From India at direct-from-import savings! Multi-color wool flowe hand embroidered on natural ha woven cotton for draperies, upho stery, etc. 50" w. $14 yd. ppd. Al ready-made bedspreads, tabl cloths. Catalogue, swatch, 50¢ stamps. Gurian's, G1, 276 Fif Ave., New York, NY 10001.



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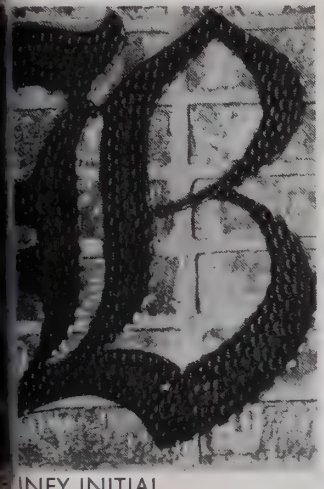
ur pool robbing you of time? ge size Meyco safety pool takes two minutes to put on nove. Keeps out dirt, leaves; en and pets are safe when away. Discourages algae. m made, any size. Write to Products, Inc., HG 1, 225 Ave., Hicksville, NY 11801.



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ld chimney initial adds an ele- ouch to your home. Also great gable, on the garage door; in- on fireplace, or recreation wall. Satin black baked enam- stproof. Specify initial, 24" ; 16" $16.50. Add $1 post. Bolind, HG1, Bolind Bldg., er, CO 80302.

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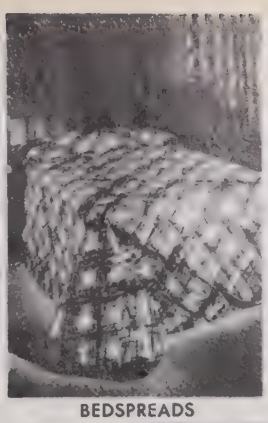
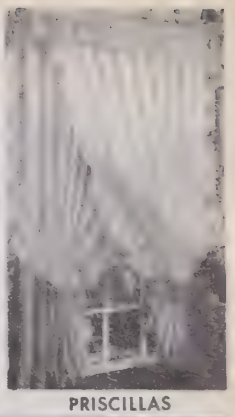
The STAIR-GLIDE® deluxe, UL/ listed, for those who are unable or shouldn't climb. Gold anodized track, "call-send" control switch at top, bottom landings, padded upholstery, arm rest, seat belt, swivel seat. Rental-purchase plan. Write American Stair-Glide Corp., EHG1, 4001 E. 138 St., Grandview, MO 64030.

SHEERS & SEMI-SHEERS



BEDSPREADS



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Free Brochure on request, but send $1 for full Catalog with 50 swatches

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LEATHER LOVESEAT

Timeless styling, fine leather and superb craftsmanship make this "ball and claw" loveseat a future heirloom. Solid Mahogany legs. Solid Brass nail head trim. Available in over 50 colors of Top Grain Leather. H 40 W 64 D 34

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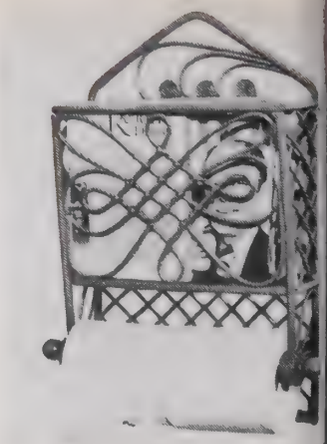

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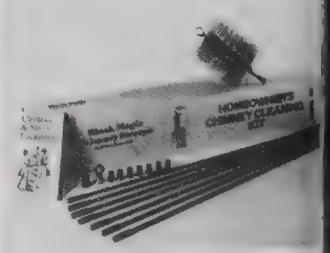
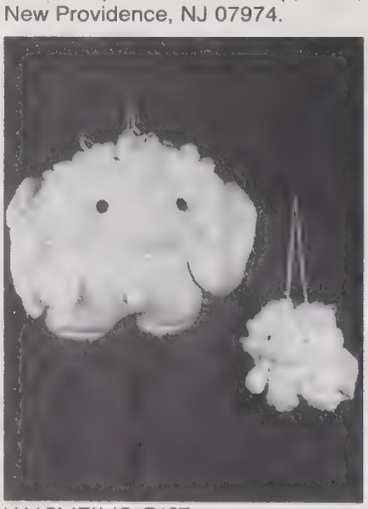
Lacy design in handwoven rat makes an attractive and pract accessory. Has convenient sp for magazines, holds two rolls of let tissue. Size is 10" by 4" by high. $13.95 plus $2 post. C logue, 88 pages, 50¢. Fran's Bas House, Dept. HG1, Route 10, S casunna, NJ 07876.

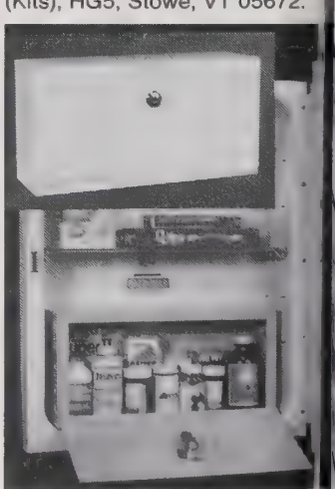
TWIN-REST CUSHION
Relieves sensitive areas, eases fatigue, soreness. No side-rocking, keeps balance as each half inflates separately with contact-free center. Supports each thigh. Good for back. Leather-like brown. 16"x17". $7.95; green percale zipper cover $3.39. Add 50¢ post. Better Sleep, HG1, New Providence, NJ 07974.



CHIMNEY CLEAN-UP
Homeowners can clean their c avoid creosote build-up. Kit cludes: proper-size steel brush, fiberglass extension rods and plings, long-handled damper br 27 page manual. Write for free tails, flue measuring instructi Black Magic Chimney Swe (Kits), HG5, Stowe, VT 05672.



VALENTINE GIFT
The bedroom angel is said to grant wishes, bring sweet dreams to one sleeping in her presence. Cotton knit, hand-sewn features on pink cheeks; 9½"w. by 8"h. 3 wishing cards. $12.95; two $24.50. Add $1.50 post. per order. Brochure free. Designers Gallery, HG1, Box 520, Gracie Station, New York, NY 10028.



FOR SAFER CABINETS
Keep little fingers out of medic cleaning fluids. Multi-purpose Sa Cabinet fits inside most med cabinets, pre-punched for scr wall attachments. 12"w., 3 6"h. Steel finished in Harvest baked enamel. With cylinder key. $11.95 ppd. Kemper Indus HG1, Box 6, Littlestown, PA 17

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It covers from head to toe, leaves arms free. Machine washable quilted polyester/cotton keeps chill away. Patchwork pattern. Large (to 7') $35; med. (to 6') $33; sm (to 5') $27. Post. $3.50 MC/V/AE. Call 202/347-9500. Camalier and Buckley, G1, 1141 Connecticut Ave., NW, Washington, DC 20036.

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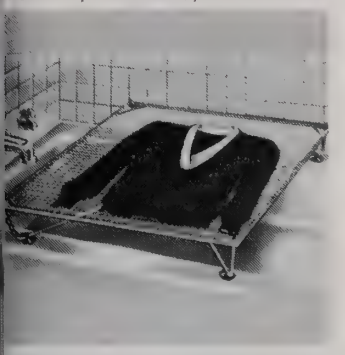

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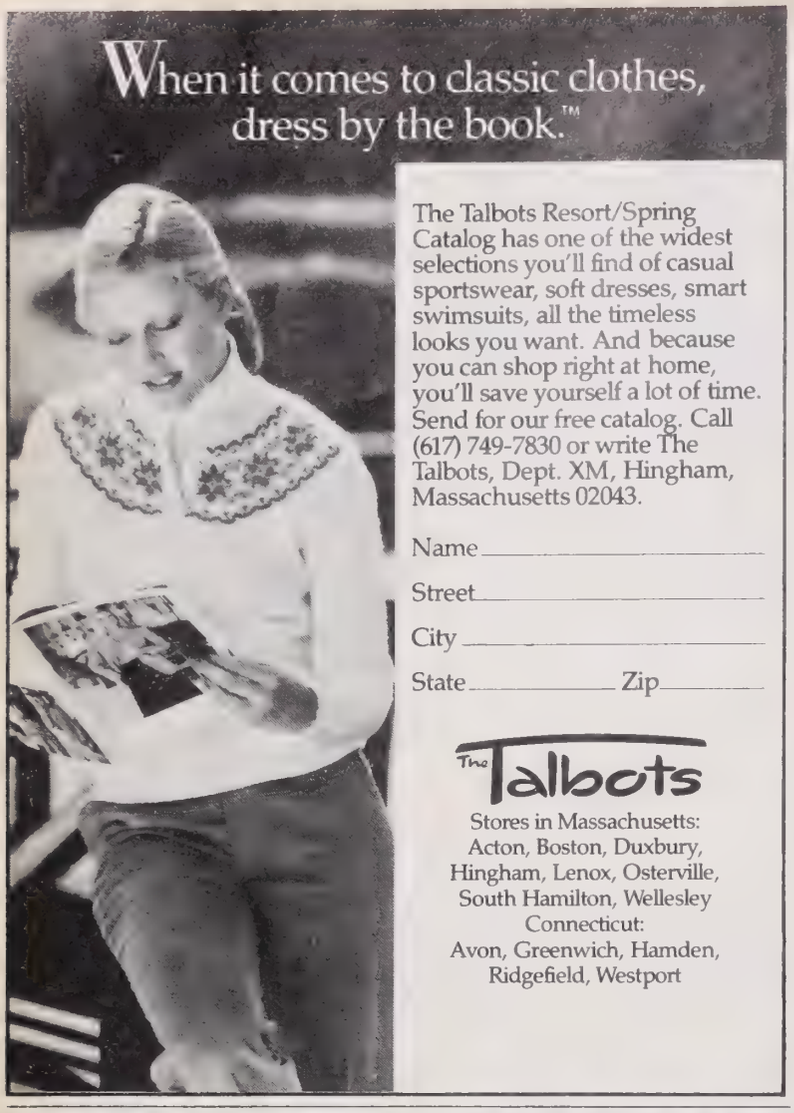

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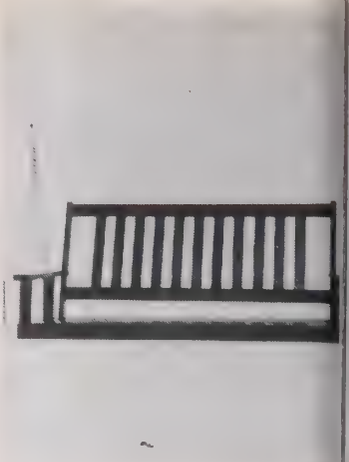

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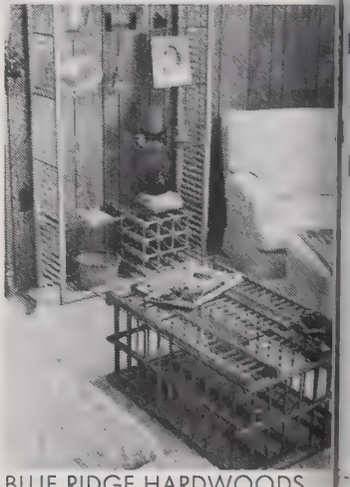

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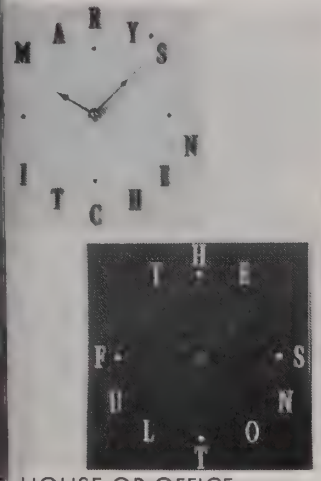

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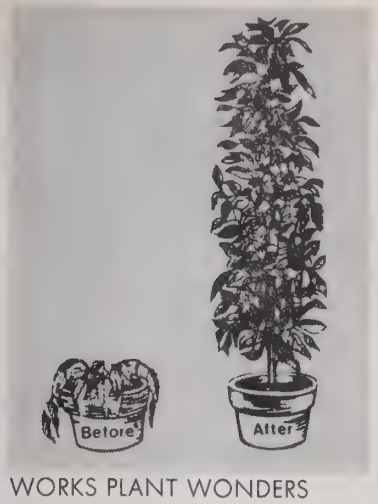

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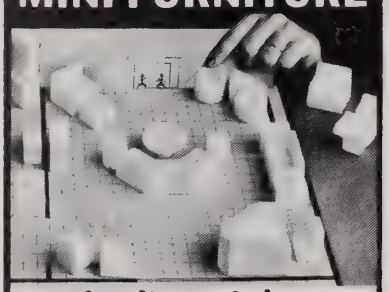

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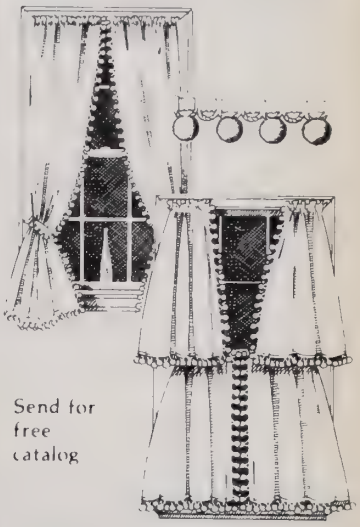

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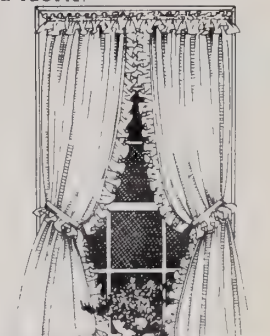

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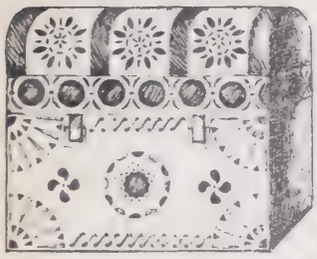

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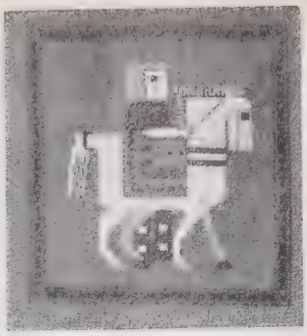

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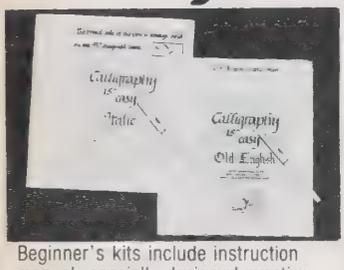

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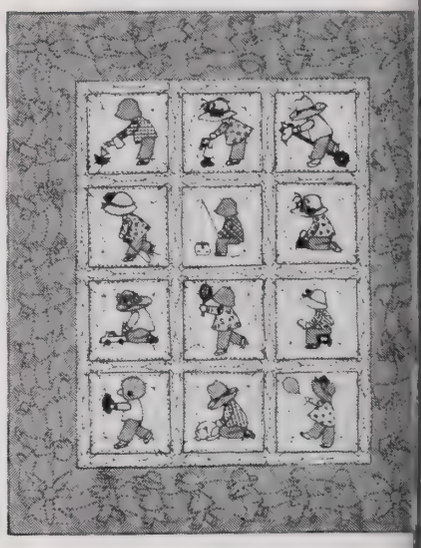

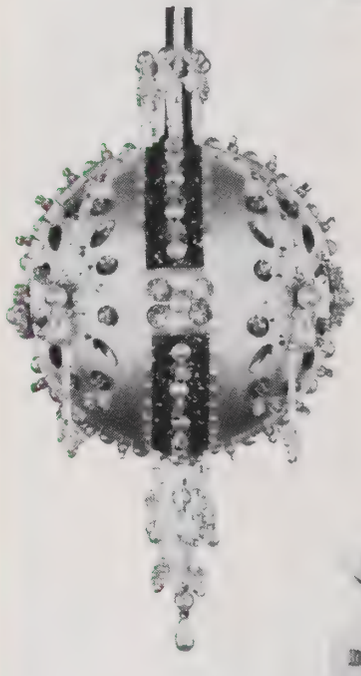

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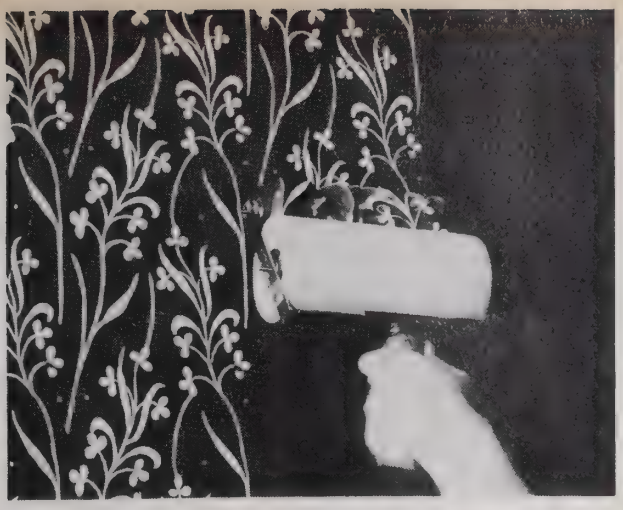

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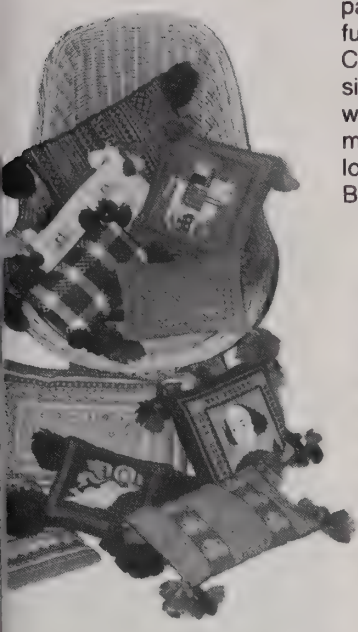

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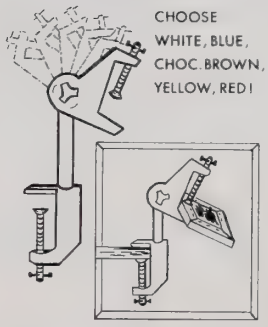

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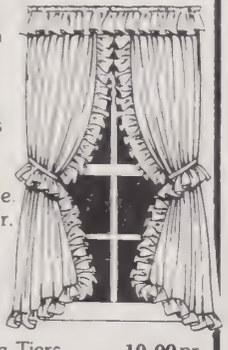

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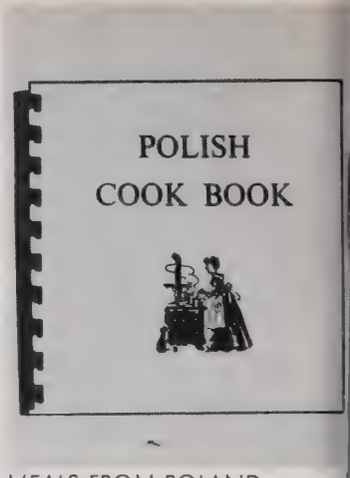

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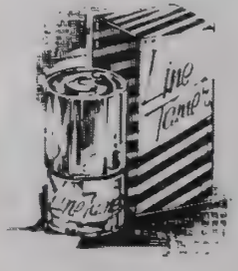

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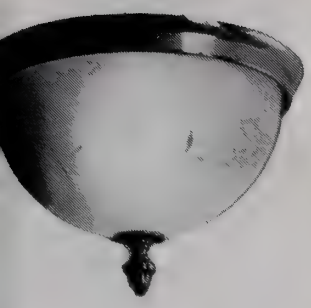

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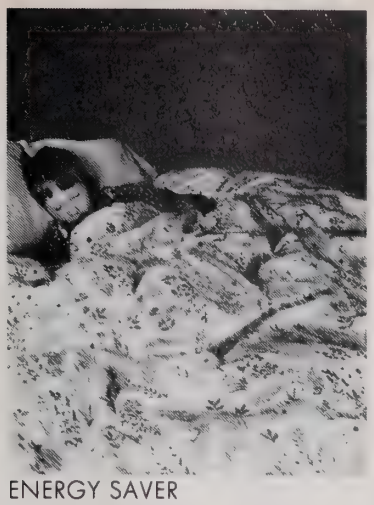

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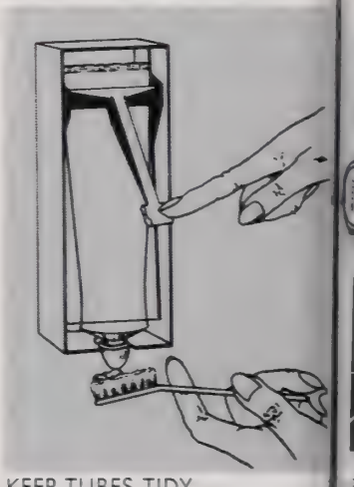

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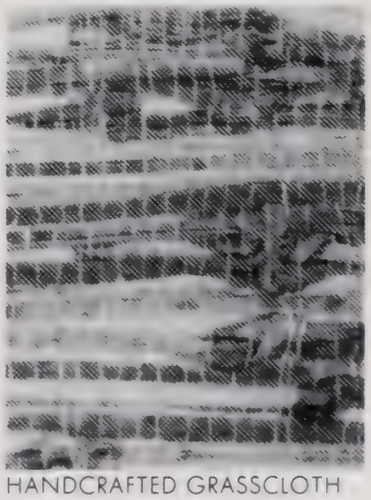

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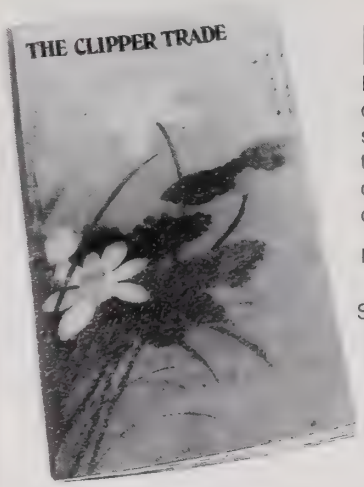

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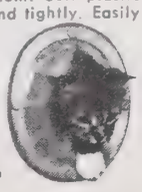

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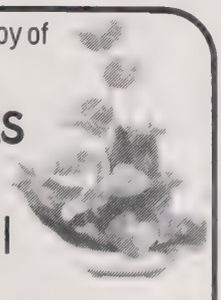

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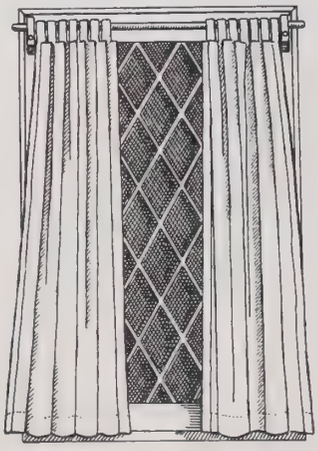
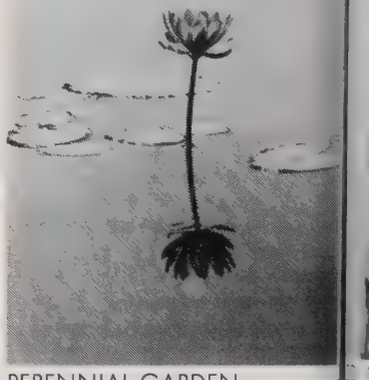


CLASSIC SIMPLICITY

Homespun all-cotton Oznaburg tab curtains in a warm beige, 72" wide per pair. Allow about 1" per yard for shrinkage. Lengths: 36" $11.50; 45", 54" $13.50; 63", 72" $15.50; 81", 90" $17.50. Add $2 post. per order. Free catalogue will be sent on request. Country Curtains, HG1, Stockbridge, MA 01262.



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Beautiful floral lithographs for yo home. Selected from portfolio flower portraits compiled over ma years, printed on top-quality glo paper to retain brilliance close the original. 16" by 20". Free b chure showing entire series in color. Teel Productions, HG 1, B 22286, Houston, TX 77027.

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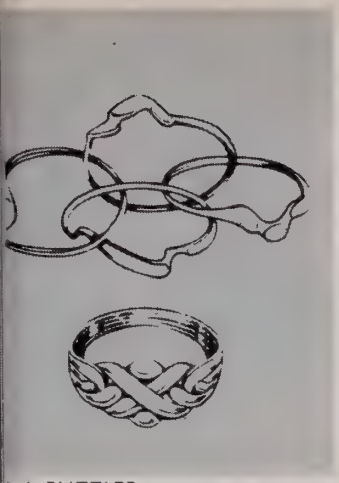
FOR FRESH COFFEE

Adjustable electric coffee grinder by BRAUN has portion control, and comes with a pound of fresh roasted Pannikin Blend coffee. In yellow or white. Coffee, grinder $49.50 ppd. Catalogue of coffee, tea and accessories, $1 refunded with purchase. The Pannikin, HG1, 645 G St., San Diego, CA 92101.

KNIT VALET

Handy little comb strokes out m pills and balls from napped fab in seconds. Use it on sweat shawls, any knit. May be usec fabrics of man-made fibers. G for travel, office, too. $2.29 plus post. Order D-Fuzz-it from Anth Enterprises, HG1, 587 Post St., Francisco, CA 94102.



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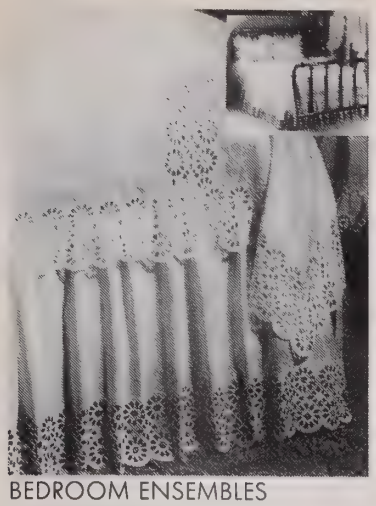
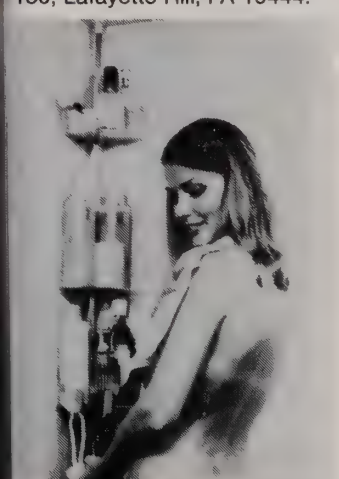
rling silver puzzle ring made from ret design created in the exotic t. Four interlocking bands intri- ely fashioned in separate pat- is to form single band. Just try to t together (then read instruc- s). Sizes 3-8 (specify). $5.95; for $11 Ppd. Postamatic Co., -180, Lafayette Hill, PA 19444.



BEDROOM ENSEMBLES

Fine cotton-polyester, extra-long 22" drop petticoat, with pinwheel embroidery. White. Twin $65; full $75; queen $85; dual-king $95; sham $22. Canopy tops same sizes and prices. Add $2 post. (Curtains/15" drops/coverlets avail.) Free price list. Winfield House, GE, 742 W. California Ave., Glendale, CA 91203.



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dy chrome plated steel tension fits any shower or tub. Has e lucite trays and a pair of me plated hooks to hold bath s (not included). Fits ceilings to 8'8". No tools needed, es no marks. $24.95 ppd. Taylor ing post, HG1 408 E. Taylor Box 9441, Savannah, GA 31412.

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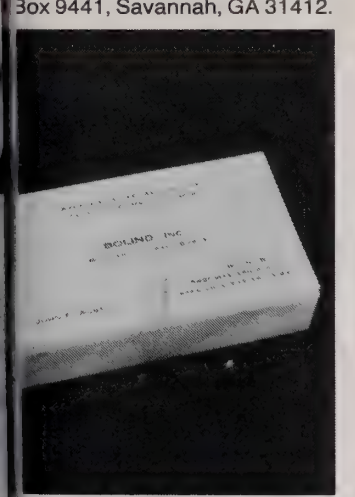

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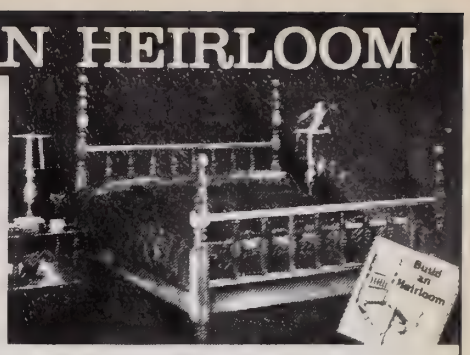

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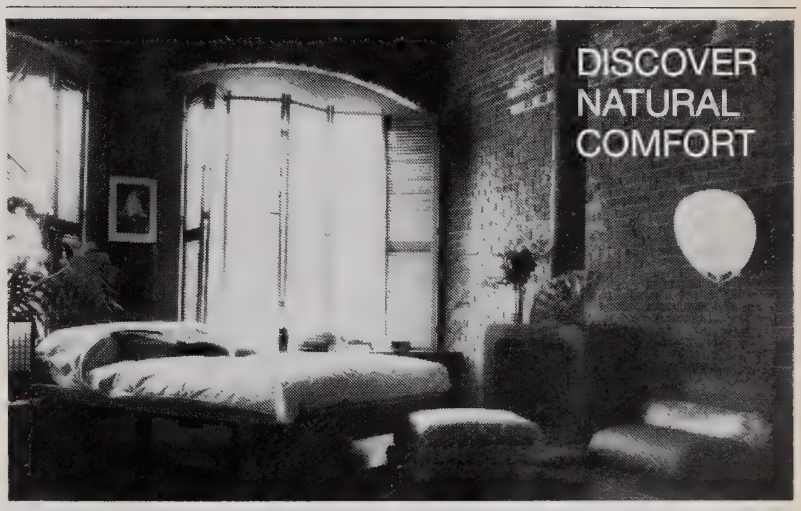

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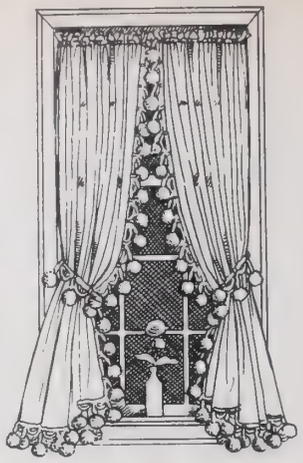
Our special SHOPPING AROUND gardening section in the back pages of this issue of House & Garden has the solutions to all of your gardening problems. Look for it!

SHOPPING AROUND



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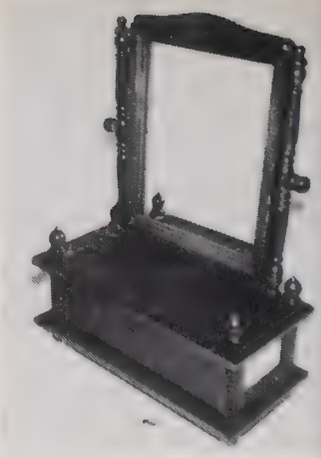

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Imported mahogany Victorian sha ing mirror. Base has three trays top, mirror sides, back and a dra er. 18¾" t. Posts, mirror shipped u attached. No tools needed. $18. ea. plus $3 post, Two $36 plus $ Catalogue: Brass and wood iten $1. The Emporium Gallery, HG RFD 1, Kennebunkport, ME 0404

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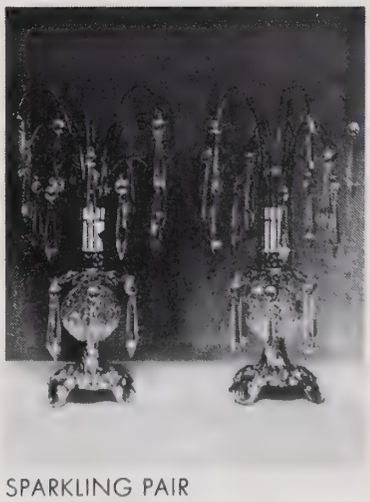

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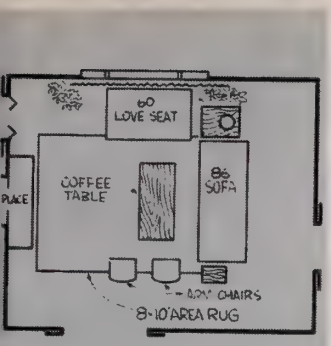

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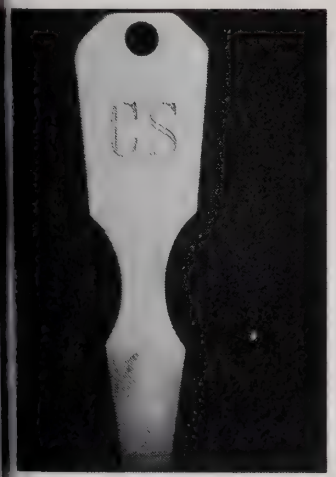

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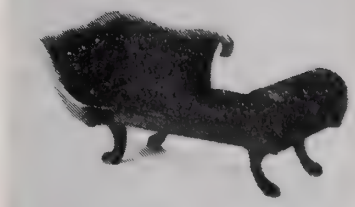

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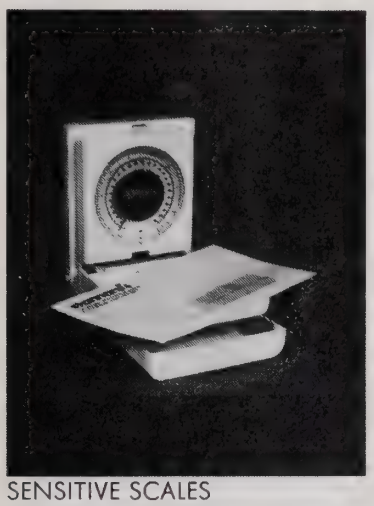

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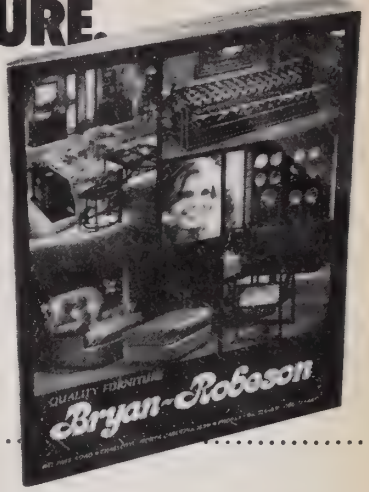

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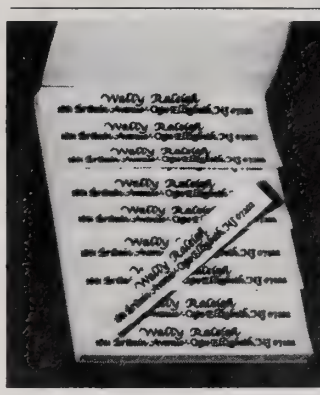

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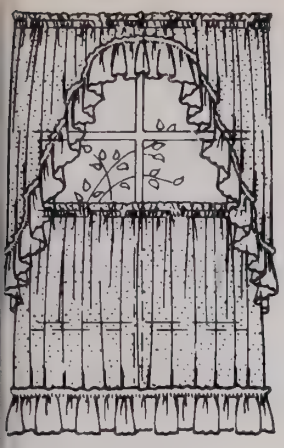
Unusual pagoda-style maga rack in Oriental metal-bamboo vides a dramatic room accent. T spacious shelves hold magazi newspapers. 15½"l by 15"w by 2 Specify plating in Koch brass (B nickel plate (N). #HBMR-30. ppd. St. Nicholas Boutiques, H Santa Claus, IN 47579.

SHOPPING AROUND



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te Dacron poly: white, yellow, pink or blue dots. Colonial-type gs: 80"w. by 36"l. $12.50. Tiers: w. by 30"l. $12; 80"w. by 36"l. .50. Valance 12" by 72" for win- s over 40"w. $5.75. Add $2.50 t. Free catalogue. Colonial Maid tains, Dept. G1S, Depot Plaza, naroneck, NY 10543.

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Any initial in Old English or Script, Pine, U.S. Flag, Gull, Palm, Rose, Saguaro, Any Zodiac Sign, Happy Face or Horse, Roadrunner, Palette, Spruce, Treble Clef. To 20 letters per line, 4 lines (if you wish PLAIN labels, it is 26 letters per line). Printed in black ink on 500 white or 250 gold gummed labels. Two sizes. . . . 1½" x ½" for $3.25 or Deluxe size 1¾" x ⅝" for $3.50 + 50¢ postage via 1st class or 40¢ via 3rd class. Specify design, size and color. Useful 80-P, Gift Catalog, $1.00. Bruce Bolind, 21-L Bolind Bldg., Boulder, CO 80302. (Since 1956, thanks to you!)

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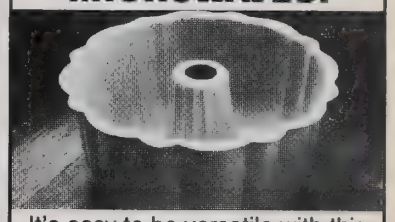

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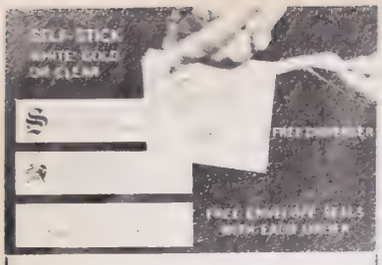

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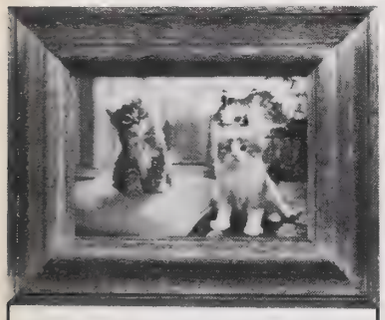

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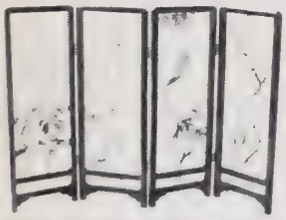

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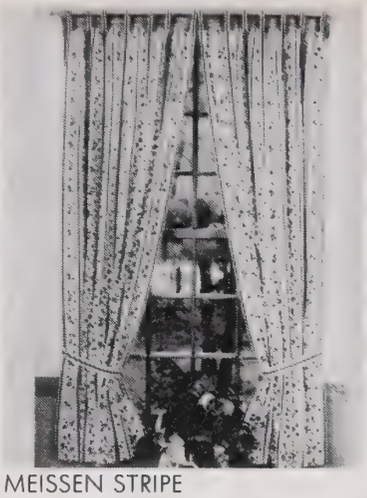
Our special SHOPPING AROUND gardening section in the back pages of this issue of House & Garden has the solutions to all of your gardening problems. Look for it!

SHOPPING AROUND



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Tab curtains in Waverly's all cotton stripe. In red, blue or green. 80" w. per pair. 40" l. $35; 45" l. $38; 54" l. $41; 63" $46; 72" $50; 84" $59; 90" $61. Tiebacks incl. Machine wash., allow 2-3% shrinkage. Add $2 post. Fabric samples (150), $4. Color catalogue free. Constance Carol, Dept. HG1, Box 899, Plymouth, MA 02360.

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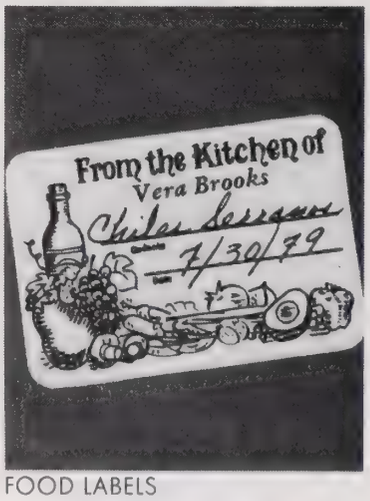

FOOD LABELS
Self-adhesive labels for freezing or canning have room for date, contents. Yellow with brown ink, 2½" by 1¾". Personalized (up to 20 letters, spaces): 125 for $4.95; 250 $9.45. Not personalized: 125, $3.50; 250 $6.50. Add 50¢ post. Write to Bruce Bolind, HG1, Bolind Bldg., Boulder, CO 80302.

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3" l., have detailed interiors,
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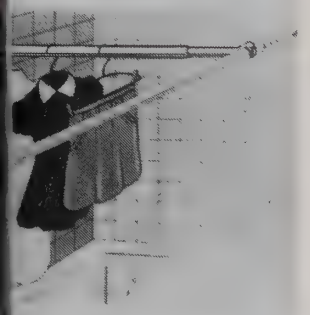

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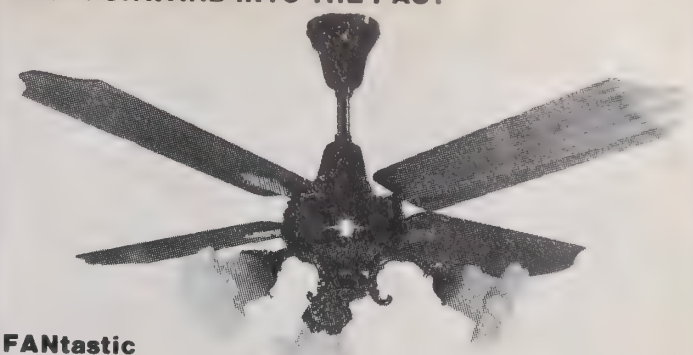

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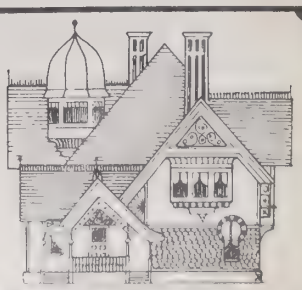

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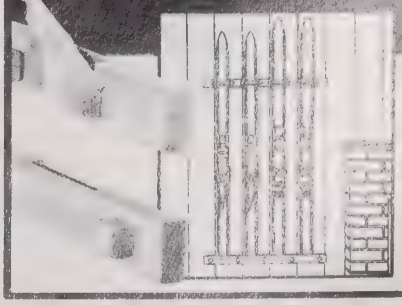

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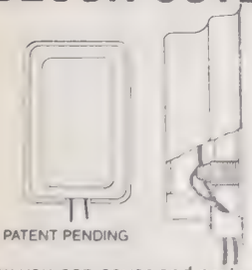
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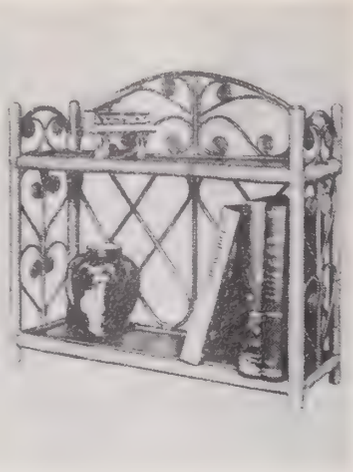

VICTORIAN TOUCH
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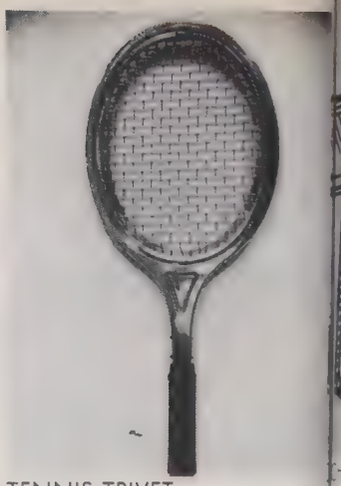

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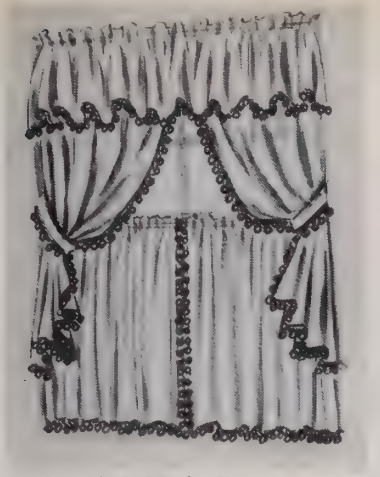

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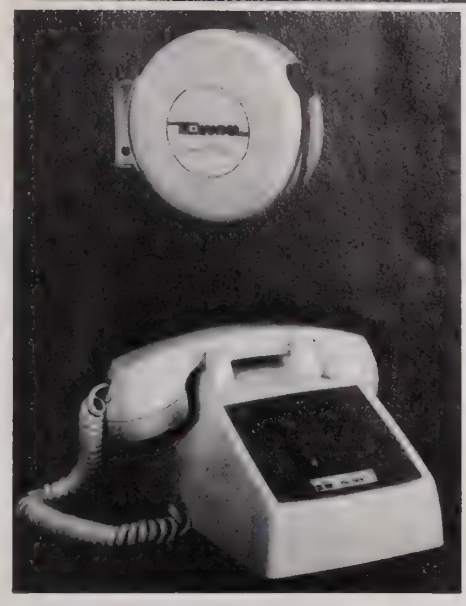

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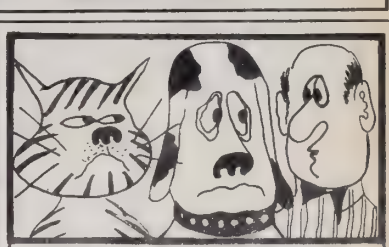

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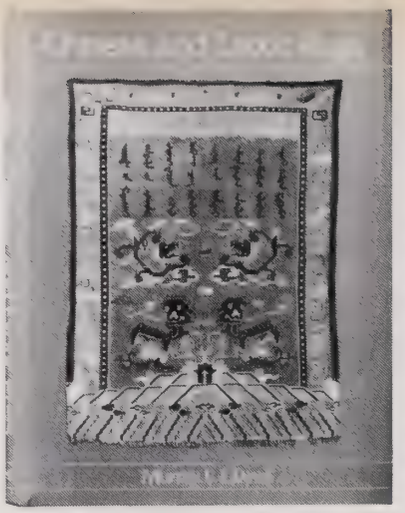
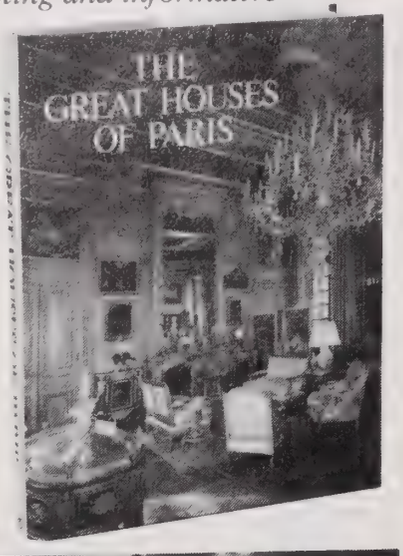
House & Garden selects...

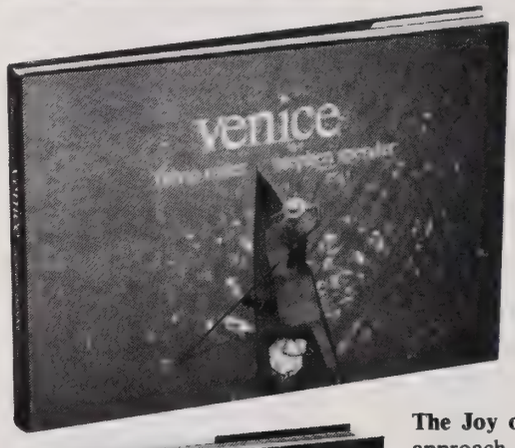
Out of a wide selection of new titles that are to appear this fall the editors of House & Garden have chosen six they believe you will find most interesting and informative



Chinese and Exotic Rugs (D) The author, Murray Eiland, breaks new ground as he explores the rich material from mainland China and other Asian countries, from North Africa and the Balkans. Devoting separate chapters to each region, he surveys the history of rug weaving in the area and its current industry, discusses designs and symbolism, materials and techniques. $36.50 postpaid.



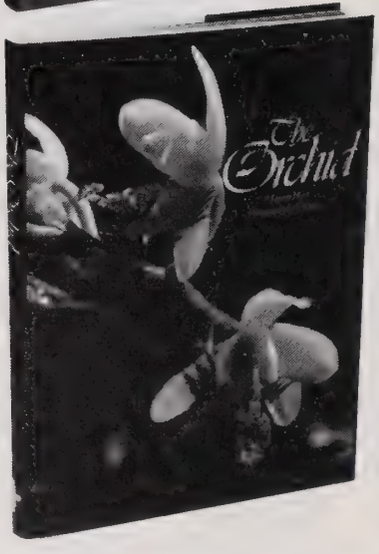
The Great Houses of Paris (A) This book is a sampling of the magnificent *hôtels particuliers* built throughout Paris from the 15th to the 19th centuries. It is about the extravagant lodgings of the aristocracy—the houses' historical significance and their beauty. $46.50 postpaid until December 31, 1979 then $51.50.



The Joy of Venice (E) The approach of this essentially visual book is to look beyond the obvious and conventional sights of Venice. The photographs are all in color, and there is an introduction by Stephen Spender. $46.50 postpaid.

Japanese Gardens (B) The definitive work on the Japanese garden. A magnificent visual celebration of the world's greatest form of landscape gardening; divided into six main chapters, lavishly illustrated. The book explores in detail every aspect of the Japanese garden—its rich historical background, its infinitely varied style and composition. $61.50 postpaid until 1/1/80 then $71.50.

Philip Johnson/John Burgee (C) This stunning volume—a large, handsome, beautifully printed book—contains the major works of two of the greatest architects of our time, from the beginning of their partnership in 1967 to the present. The book contains all of their works—the photographs, drawings and details of their projects for the past 12 years. $41.50 postpaid; available after 12/1/79.



The Orchid (F) Over 150 extraordinary photographs by T. Kijima capture the beauty of the orchid. They are accompanied by essays describing the history of the orchid family, their fascination to man, their classification and distribution and, of course, their cultivation in the modern home. This sumptuous volume comes in its own handsome slipcase, and makes the perfect gift book. $41.50 postpaid.

A. $51.50
B. $71.50
C. $41.50
D. $36.50
E. $46.50
F. $41.50

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In this extraordinarily comprehensive book, the editors of House & Garden illustrate 55 ways to stretch, revitalize, restore, revive, rethink the house or apartment you already have. A $35 value.

BUILDING DATA

Materials and equipment used in the barn on pages 78-81

ARCHITECT: Tod Williams
CONTRACTOR: ELP Associates
SIZE OF HOUSE: 2,330 square feet
SIZE OF LOT: 1½ acres

STRUCTURE
Foundation: Existing pad and poured concrete foundation
Framing: Standard wood frame

EXTERIOR OF HOUSE
Exterior walls and roof: Shingles
Exterior paints and stains: No stain on shingles, off-white on wood trim for windows.
Insulation: Rigid insulation in roof and walls.
Windows: Wood casement and swing-out windows by Woodco.
Skylight: Glass skylight by Velux.
Doors: Wood doors.

INTERIOR OF HOUSE
Interior walls: Sheetrock and rough-sawn cedar siding.
Interior ceilings: Sheetrock except for actual barns, which show underside of original shingle roofs.
Interior paints: Off-white paint.
Floors: All pine with polyurethane coating, except for white glazed Mexican tile in link areas.
Furnishings and accessories: Modular units manufactured by the Sherwood Corporation covered in "Colorado Denim" with 2" channel quilting: 4 armless units 26" x 32" x 29" and 1 corner unit 32" x 32" x 32"; Stuns cocktail tables, cream enameled metal with white lacquered tops, 13"H 26¼"W 26¼"D; Beige and grey 8' x 9' "Rohtac" rug (shown beside the seating units); "Cormandel" 100% cotton check fabric #378720 for floor pillows and bedspread; in living room, under plants: wood slats, 2' x 1'; in kitchen, "Fasano" Italian earthenware dishes; "MacDonald" oval enamel casserole in beige; 2 clay crocks; all from Conran's, NYC. On cocktail table, 1 eel spear; holding tomatoes on the kitchen table, 1 creamware bowl from The Back Barn, Bridgehampton NY. Hanging on the wall to the left of the fireplace, Amish 9-Patch Quilt from the Quilt Gallery in Bridgehampton. Hanging on bars in bathroom, "Vanilla" and "Tiger Lily" 100% cotton "Luxor" towels by Martex.
Lighting: White industial-type fixtures by Abalite; Luma-line undercabinet fixture by Harry Gitlin.
Hardware: Chrome hardware by Schlage.
Kitchen and bathroom cabinets and countertops: Off-white lacquer cabinets with off-white laminate counter tops.
Plumbing fixtures: Kitchen sink by Kohler; in bathrooms, sinks by Hastings, tubs and toilets by Kohler.

MECHANICAL EQUIPMENT AND APPLIANCES
Appliances: Dishwasher by KitchenAid; oven and range by Caloric; refrigerator, washer and dryer by Westinghouse.
Heating system: Forced hot air, oil heater.

Materials and equipment used in the house on pages 112–115

ARCHITECTS: Robert A. M. Stern, Architects
INTERIOR DESIGNERS: Robert A. M. Stern, Architects
LANDSCAPE ARCHITECTS: Peter Rolland and Associates
CONTRACTORS: Irvine & Wilcox
LANDSCAPE CONTRACTOR: Bob Ermerins
SIZE OF HOUSE: 2,700 square feet

STRUCTURE
Foundation: Concrete modifications to existing pier and beam foundation.
Framing: Steel and wood.

EXTERIOR OF HOUSE
Exterior walls: White stucco over existing brownstone.
Roof: Upgraded existing asphalt roof.
Insulation: 6-inch batts
Windows: Fixed and pivot windows by Kilroy Metal Products
Doors: Glass and 1¾-inch birch flush solid-core doors by Kilroy Metal Products.

INTERIOR OF HOUSE
Walls and ceilings: Plaster and gypsum board.
Interior finishes: White flat paint with semi-gloss trim by Benjamin Moore.
Floors: 6-inch white tiles from Hastings Tile Co. throughout; carpet at entry only by Stark Carpet.
Fireplace: Custom firebrick fireplace with cast-iron damper by Donley.
Lighting fixtures: Incandescent and cathode lighting by Edison Price, Gitlin, National, Leviton, Paulsen, and Castelli.
Art: Sculpture on cocktail table, "Chrome IV" and 2 sculptures on shelves, "Chrome III" and "Chrome V", all by Alexander Liberman, courtesy of the André Emmerich Gallery.
Napkins: On dining table, Italian cotton and linen blend in checkerboard pattern of beige, taupe, and white from Table Toppings at Henri Bendel.
Hardware: Hardware by General Lock Div., Shlage Lock Co.
Music system: Consultant Peter McKeon of Hartsdale Radio.
Kitchen and bathroom cabinets and countertops: Custom birch cabinets with Formica countertops.
Plumbing fixtures: In kitchen, sink and faucets by Elkay Mfg. Co.; in baths, fixtures by American-Standard Inc.

MECHANICAL EQUIPMENT AND APPLIANCES
Kitchen appliances: Dishwasher, food waste disposer and trash compactor by KitchenAid Div., Hobart Mfg. Co.; oven by General Electric; range by Jenn-Air; refrigerator by Sub-Zero Freezer Co., Inc.
Laundry appliances: Washer and dryer by Westinghouse.
Heating system: Modifications of existing steam system.

Materials and equipment used in the kitchen on page 141.

Sink: One-bowl stainless steel sink by Elkay Manufacturing.
Cabinets: Butcher-block countertops and oak cabinets, by Abellus Woodworks, 570 Atlantic Ave., Brooklyn NY 11217.
Laundry unit: Stacked washer and dryer, in white by Frigidaire.
Tiles: Handpainted glazed custom tiles from Hall Place Tile Shop, 336 Columbus Ave., NYC 10023.
Refrigerator/freezer: Side-by-side refrigerator/freezer by Amana.
Dishwasher: Dishwasher by KitchenAid.
Range: Four-burner drop-in gas range and oven by Chambers.

Shopping Info *continued from page 136*

from Harriet Amanda Chapman, 331 E. Main St., Middleton CT 06457.
9. **"Harvest Grape" silverplated punch ladle:** 12" long. $27.95. By Taunton Silversmiths.
10. **"Early English" handforged sterling silver soup ladle:** 13¼" long. About $585. At James Robinson, NYC 10022.
11. **Stainless steel ladle with hook:** 4 oz. capacity. $4.75 at Dean & DeLuca, NYC 10012.

KITCHEN PAGE Page 141
Custom-painted tiles: Used in the kitchen designed by Ruth Layton, on backsplashes, window frieze and sill, and facing for range. From Hall Place Tile Shop, NYC 10023.
For further details, see Building Facts. ■

Space age
continued from page 135

When the motor runs unloaded, as when the water is running into the washer, the power used drops to 160 watts. But with a Power Factor Controller used on the same washing machine, the idling or unloaded motor uses only 55 watts.

A study by the Arthur D. Little Corp. of Cambridge, Mass., reported that about 50 million electric motors are built annually. At the present time, several billion are in use. They consume one-third more energy than the automobiles in our nation. "If you could achieve just a 4 percent reduction," Nola points out, "you would save about a quarter of a billion barrels of oil a day, amounting to about $1.2 billions annually."

NASA has licensed 10 companies to manufacture the Nola device. The three presently ready to manufacture it are: Electronics Relays, Inc., 1438 Brook Drive, Downers Grove, Ill. 60515, Attn: Joseph Pacente; IVECO, 17402 Coronado Lane, Huntington Beach, Calif. 92647, Attn: Edw. Yrissari; W. J. Purcell Co., 4315 Myrtle Ave., Cincinnati, Ohio 43232, Attn: Desmond J. Neville.

One licensee has advertised the device for $13.60. Other estimates run as little as $5 to incorporate the invention in a ½-horsepower motor.

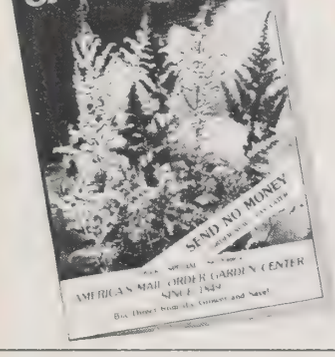
Tests show that the Power Factor Controller reduces the power required for electric typewriters by as much as 30 to 40 percent when idling and 10 percent when in full operation. The device is similarly effective on air conditioners, refrigerators, freezers, dryers, electric fans, industrial sewing machines. To return to the washing machine, Nola states that if every one of the estimated 50 million washers had his device, the savings in barrels of oil per day would be 3,000. That is estimated on the washing of one full load a day.

Less than a generation in time, the space age already has wrought changes in our society and is contributing to better and more economical living in the home. We are at the beginning of an era of change that holds great promise for the future. ■

GARDENERS

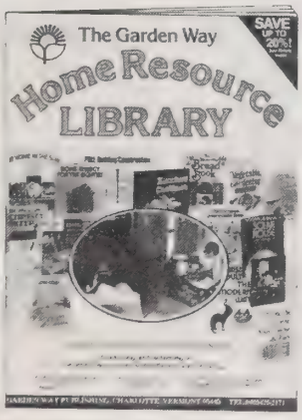
Spring Catalogues

The first signs of spring are here—right on the brilliantly illustrated pages of new 1980 catalogues selected from top-quality nurseries across the country. What could give greater pleasure on a winter evening than planning your spring and summer planting with the help of these expert guides. Flowers, fruits and vegetables, shrubs and trees, indoor and outdoor plants, rare varieties, particular species along with the familiar garden stock are here for your choosing direct from the growers. Gardener's equipment, including greenhouses, round out our shop-by-mail gardener's library. Just fill out the coupon on page 179, checking the number of each catalogue you want and return to House & Garden. Enclose $1 for postage and handling with additional cost of the catalogues as indicated by number. Coin, check or money order may be used.

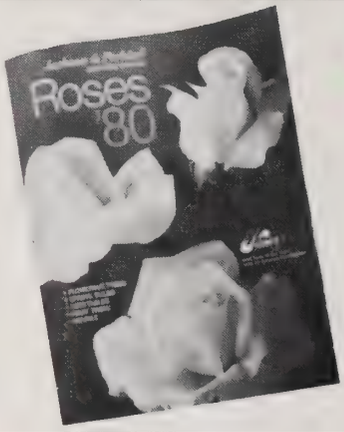


1 New 1980 catalogue has 84 full-color pages, beautifully illustrated, and filled with useful facts. Fine quality perennials, flowers, shrubs, flowering and fruit trees, ground covers. New indoor plant section; and new plants, trees, shrubs. Gift certificate included in each catalogue. Spring Hill Nurseries. Free.

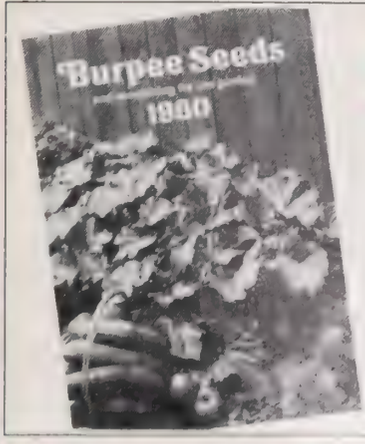
2 A 24-page color catalogue gives important facts about how to select a greenhouse, and shows greenhouses, accessories. Also has heating charts as well as answers to questions most often asked about greenhouses. Booklet on greenhouse growing is included. Peter Reimuller—The Greenhouseman. $1.



3 Fully illustrated catalogue of books and bulletins can save you as much as 20%. The subject areas range from gardening and alternate energy to livestock raising, building and cooking. A helpful partner in planning a far less costly and much more self-sufficient way of living. Garden Way Publishing Co. Free.

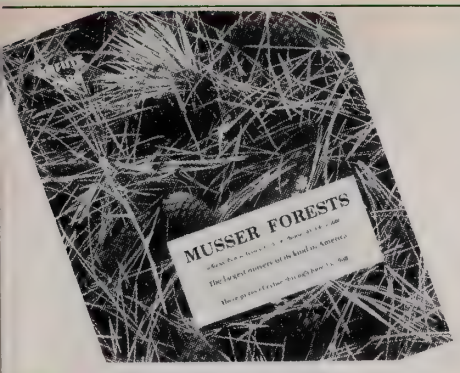


4 Rose catalogue in full color features the latest award-winning varieties and familiar favorites. Spectacular colors, form and fragrance add drama to your garden. The 1980 catalogue also offers selection of top-quality bulbs, fruit trees, flowering trees, and vegetables. Jackson & Perkins. Free.



5 New comprehensive seed catalogue for 1980. Full-color planting and growing guide with over 1800 flowers, shrubs, ground covers, vegetables; ornamental, fruit and nut trees; house plants. Also garden aids, with many helpful hints and ideas from horticulture experts. Burpee Seed Co. Free.

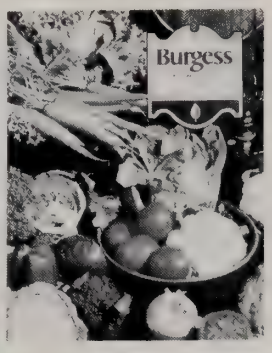
6 A new full-color flower and vegetable catalogue for spring 1980, 132 pages. Contains over 3000 varieties, many of them exceptionally rare. New entries include marigold janie, salvia hotline and hibiscus frisbee. Gardening aids and much useful information. Geo. W. Park Seed Co., Inc. Free.



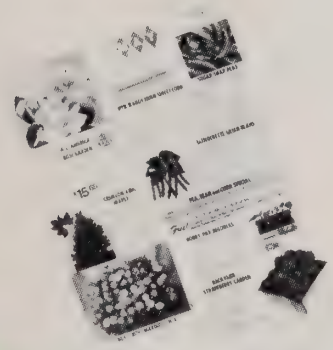
7 Four-color catalogue for spring 1980 features evergreen/hardwood seedlings and transplants, hedges, rhododendron, azaleas, landscape shrubs, windbreaks, ground covers, container-grown plants. Geared for field planting and for home gardening. 40 pages. Musser Forests, Inc. Free.

8 Catalogue features wide assortment of garden supplies available at sizable discounts to members of the wholesale club. Frequent newsletters keep the members abreast of new products and buying opportunities. Sample catalogue sent first class (price is refundable with order). Golden Earth. $1.

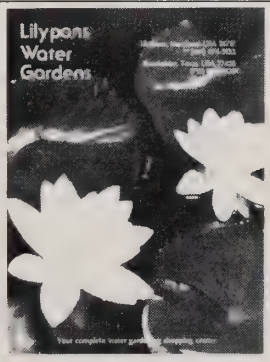
9 Energy-saving Four Seasons Solar Greenhouse/Add-A-Room provides gardening pleasure, free heat for your house, makes perfect enclosure for spa, sauna, hot tub. Color catalogue includes free standing, lean-to-models, do-it-yourself kits. Customized designs available. The Four Seasons Solar Greenhouses. Free.



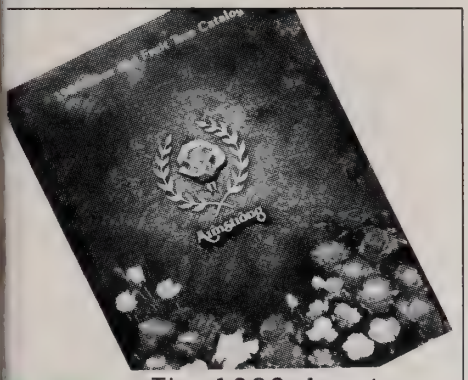
10 Fruits, garden vegetables catalogue. Hundreds of varieties, many exclusive. Strawberries, blueberries, raspberries, peaches, melons, pears, plums, apples, cherries, others. Tomato plants/seeds, asparagus, dry beans, salad favorites. Many special quantity prices. Burgess Seed and Plant Co. Free.



11 Comprehensive selection of vegetables, flowers, shade trees and evergreens. Hybrid and climbing roses, marigolds, cushion mums, exotic bulbs. Lettuces, tomatoes, corn varieties, snap peas, beans, midget vegetables and berries. Soils, seed starters. Earl May Seed & Nursery Co. Free.

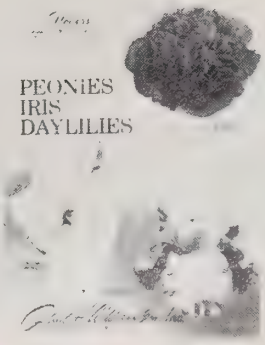


12 Garden pool resource book shows how to enjoy the serenity of water-lilies and ornamental fish in your own yard. How-to details plus everything needed: fiberglass pool, aquatic plants and fish; pumps, filters, fountains, fine statuary. It's a colorful 48 pages. Lilypons Water Gardens. $1.50.



13 The 1980 Armstrong Rose and Fruit Tree catalogue includes more than 100 of the world's most popular roses including miniatures. There are also 27 different fruits and berries in a number of varieties. All are illustrated in beautiful full color 40-page catalogue. In its 91st year, Armstrong Nurseries. Free.

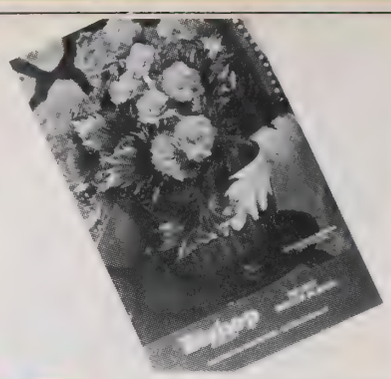
14 The "more than a greenhouse" catalogue describes 186 models from window size up to room size. Solar window greenhouses make an all-year garden room. Lean-to, curved-eave types can extend living space. Answers to questions, tips for choosing, 36 idea-filled color pages. Lord & Burnham. 50¢.



15 Grow a gorgeous garden with daylilies, iris and peonies from the famous Wild's gardens of Missouri. Choose from over 1300 varieties. A 96-page color catalogue (price deductible on first order) is packed with exceptional values, timely planting tips. Gilbert H. Wild & Son, Inc. $1.

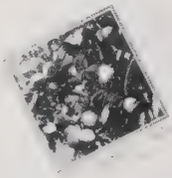
16 All you need to know about greenhouses. Catalogue has full-color illustrations, expert information on how to select the right one for your site, your budget. Over 100 models: straight and curved-eave, lean-to and free-standing. Easy instructions, accessories. 48 pages. Janco Greenhouses. $1.50.

17 Pruning and trimming with ratchet action by Florian. Folder describes loppers and pole pruners with racket action and capacity up to 2". Helpful to home fruit growers, hobby farmers. Pruners for ¾" branches makes work easier, keeps hands free of blisters. Great for women gardeners. Ratchet-Cut. Free.



18 A selection of indoor plants for 1980 illustrated in full color. Fascinating and unusual types for all seasons are a brand-new world of indoor gardening. Pacific tropicals, trouble-free hoyas, unique bromeliads, variety of hybrids, goldfish plants, bonsai art, and more. Bishop Nursery. 25¢.

19 Full-color 56-page catalogue offers hundreds of outdoor and indoor plants and trees of widely different types. Lots of fruits and vegetables. Seeds, bulbs and garden-related accessories. New and unique items, many not found elsewhere. Has free sweepstakes offer. Lakeland Nurseries. Free.



20 Fruits, nuts, grapes, genetic dwarf fruit trees, many other new improved items from Zaiger breeding stations. Each one is evaluated for more than 200 climates throughout the country. Appropriate sectional climate zone map with catalogue. Premium quality stock. Dave Wilson Nursery. Free.

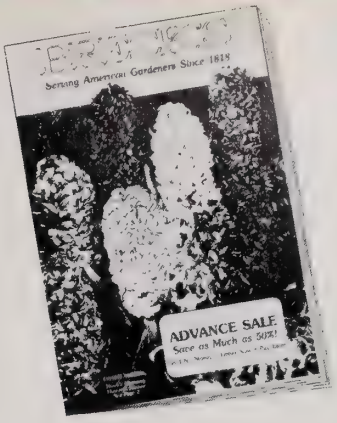
21 Everlite® greenhouses open a new world of interest, pleasure and adventure to be shared with many friends. The first pre-fabricated aluminum greenhouses to be made in the United States. Graceful curved eaves, straight sides for more growing space, living space. Everlite® Aluminum Greenhouses, Inc. Free.

22 Spring and rall editions of The Garden Book include 1500 perennials, shrubs, bulbs, ferns, plenty of how-to-garden information. Included are three issues of NOTES booklet, a reminder publication. Year's subscription price will be credited to first $20 order. White Flower Farm. $5.

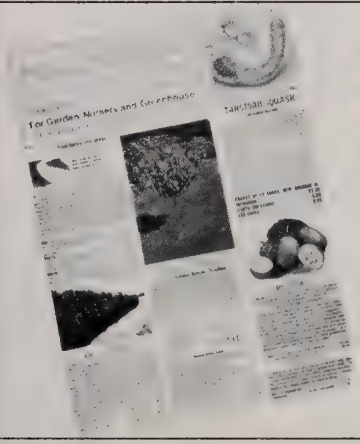
23 Discover the joys of water gardening in a 40-page complete guide and catalogue. New Koi and water-lily section, plus special 20-page section in full color on pools of all sizes and shapes, lighting and water decor, waterfall sets, fountains, and water pumps. Paradise Gardens. $1.

24 A Centennial Garden Guide and Nursery catalogue contains plenty of helpful gardening tips as well as a selection of quality nursery items. Ornamental, shade, dwarf fruit trees. Bushes, nuts, berries, perennials, asparagus. For a copy write directly to Kelly Bros., 801 Maple St., Dansville, NY 14437. Free.

25 Exciting new all American rose winners, blue ribbon glads and many more exceptional beauties fill 72 pages of the new 1980 catalogue of wonderful offers. Many varieties of plants, trees, fruits, vegetables included. Helpful planting guides with every order. In its 62nd year. Inter-State Nurseries. Free.



26 The 1980 Dutch bulb catalogue has over 84 full-color pages. It features more than 200 varieties of tulips, crocus, daffodils and other bulbs. Shipped to you directly from Holland at savings up to 50%. Guaranteed to bloom. Special $1 discount bonus coupon included with catalogue. Breck's. Free.



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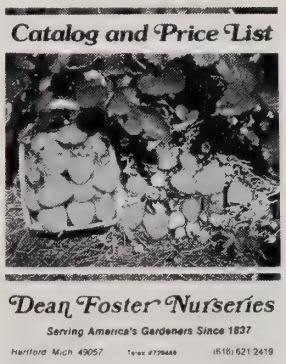

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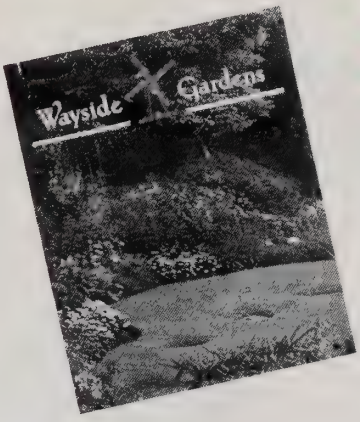

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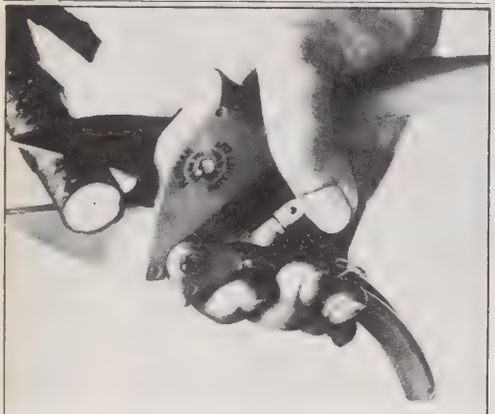

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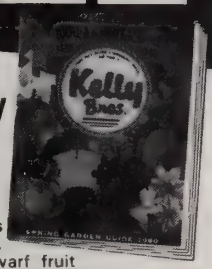

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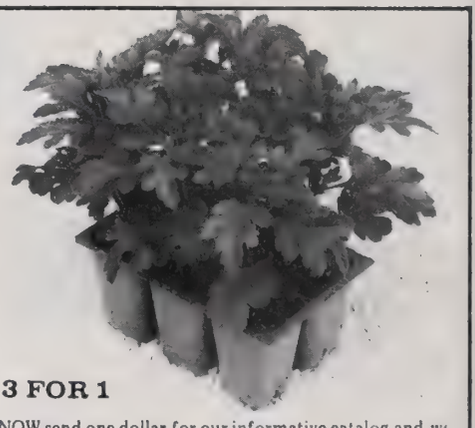

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Edging into the 80s—and growing

What will happen to gardens and house plants during the next decade—predictions from experts across the country

Gardening, oldest of the arts, renews itself as regularly as the seasons change. So, with the changing decade, it seems particularly appropriate to consider what we may expect the next ten years to bring forth. A whole new philosophy of social economy seems to be in the making, with plants playing a leading role. Conservation practices begin at home, and erosion prevention, fuel saving, and recycling of materials are all becoming part of the home gardener's consciousness. Movers and shakers of the horticultural world are in the best possible position to point out the directions. Here is a sampling of opinions:

Elizabeth Scholtz, *Director, Brooklyn Botanic Garden*: Community gardening will be on the rise, reclaiming vacant land in urban areas and bringing it back to life. Food plants will be grown more, because people are concerned with purity of the foods they eat—if they grow it themselves they know what has gone into it.

Neighbors tend a block-size community garden.

William R. Nelson, *Professor of Landscape Architecture and Horticulture, University of Illinois*: Limited spaces, such as courtyards, balconies, terraces, rooftops, and window ledges inside and out, will be the more common space for new gardening efforts. There will be a larger selection of dwarf and slow-growing plants suitable for containers.

Gene Elle Calvin and Dr. Melvin Calvin *(Nobel prize winner in chemistry), University of California, Berkeley*: Plants created the oil, gas, and coal we rely on for energy today, and it may be possible to begin utilizing living plants for energy before our fossil fuels are all used up. We are already making fuel alcohol from sugar cane, and crude oil is being made from some of the desert-loving euphorbias. Experiments at the University of California suggest that fuel from these plants can be produced at a cost no higher than that of imported crude oil.

Ernesta Drinker Ballard, *President, The Pennsylvania Horticultural Society*: There will be more use of hand tools that use no energy other then the gardener's and less use of expensive chemical fertilizers that use energy in the manufacturing process.

Dr. Douglas Pratt, *Head of Department of Botany, University of Minnesota*: Plant products will become competitive with plastics. Wood will return to favor as a material for baskets and other containers. Plants such as cattails can be converted into high-quality fuels, and the production and use of plants for this purpose will become a major subject of scientific study and development.

Russell Page, *O.B.E., English designer*: There will be an increased use of groundcover plants to lessen the rather dull task of lawn mowing. If mown lawns are restricted to areas next to buildings, the rougher areas may provide a home for the buttercups, daisies, and other wildflowers that have been disappearing from the farmed or built-up areas. Elaborate formal flower gardens may tend to disappear in favor of a formality merely suggested by hedges and spaces filled by a single variety.

Rick Lamb, *Landscape Architect, Cambridge, Mass.*: Proper planting will be used to protect a house from winter winds, cool it in summer. Earth shaping (berms) will be used to screen out noise and direct air currents. Private outdoor areas will become smaller and will require careful planning, while public spaces will become more important in community living.

Dr. Henry M. Cathey, *Chief, Florist and Nursery Crops Laboratory, United States Department of Agriculture*: Plants may relieve *our* stress, but we are subjecting *them* to more stress all the time, in the shape of lowered air and water quality and fertilizers with missing elements. Life in the great *in*doors will be increasingly important, but not a jungle look. We'll combine temperate zone and tropical plants, and use more ferns, camellias, and miniature roses in our living rooms. Growers will emphasize the rooted flower rather than the cut flower, as well as durable and compact plants. Heating a commercial greenhouse accounted for 3 percent of a grower's costs a few years ago—now it's 15 to 20 percent, so plant prices may be expected to rise accordingly.

Herb Mitchell, *Floriculture marketing specialist, Costa Mesa, Calif.*: People will be using fewer and smaller potted plants that can be slipped into jardinières and moved around the house. Our selection of potted plants will be improved. Cut flowers will come by air from all over the world, giving us a better choice than ever before. The trend will be to use fewer flowers, distributed throughout the house rather than in one room, and cut flowers will be treated to last longer than ever.

Carlton B. Lees, *Senior Vice-President, New York Botanical Garden*: Tissue culture will be widely used as the major way of propagating herbaceous and woody plants. There will be more growing of cool-temperature plants in the house and greenhouse, rather than tropicals. There will be an emphasis on extending the range of vegetable varieties to include more that are resistant to cool temperatures, thereby extending the garden season in the North in both spring and fall. This then will cut down on energy consumption in transportation and on cost. With people traveling less, there will be a rebirth of home gardens. A lawn that looks like a golf course is outdated. We are going to have to relax and look at chunks of landscape and ask such questions as: How best can we fit ourselves into the natural world with the least damage to it?

Tenants enjoy a rooftop flower garden.

And here are my own predictions: The necessity for conserving petroleum will bring us a whole new arsenal of organic-based fertilizers and pesticides. Chestnut blight and Dutch elm disease will be vanquished. Hand propelled lawnmowers will make a strong comeback. More and more home gardens will be devoted to food production. The weather will be abominable, as usual. ■

BEST IN BOOKLETS

Marvelous ideas to help you plan and shop are in the booklets below, and they're yours for the asking. You can order them directly from House & Garden—send for the ones you want today. Just fill out and return the order coupon, circling the number of each booklet desired, enclose $1 for postage and handling plus any additional charge as indicated next to the booklet number, and we'll see to it that your booklet requests are filled as quickly as possible. Do not send stamps. Cash, check, or money order may be used.

Building and remodeling

1. WINDOWS BEAUTIFUL—A complete, authoritative book on window treatments. Room-setting photos in color, examples of most popular types of treatments, styles suitable for various rooms, ideas for common and problem windows, how-to for measuring and sewing, basic treatment for many types of windows. Kirsch Company. $1.95

2. WINDOW AND DOOR IDEAS. Helpful 16-page booklet shows house builders and remodelers how different types of windows can fit into contemporary and traditional architecture. Energy-conserving double-glazing system, low-maintenance exterior, plus easy-washing features are described. From Rolscreen.

3. FURNITURE REFINISHING GUIDE—You can give a gift that's a labor of love. Homer Formby, third generation restorer and refinisher, gives tips on how old treasures can be refinished to make great gifts for family and friends. Formby's.

Decorating

4. DECORATING CHILDREN'S ROOMS. A helpful 24-page guide to selecting furniture for children's rooms. Contains colorful scenes of innovative rooms for girls and boys, and offers practical suggestions on solving some of the most common decorating problems. Dixie Furniture Company, Inc. $1

5. 18TH-CENTURY ENGLISH-STYLED FURNITURE. 36-page booklet shows Henredon's Folio Fourteen bedroom, dining room, and occasional furniture collection interpreting the timeless elegance of 18th-century English and American design. Henredon Furniture Industries, Inc. $2

6. MODERN FURNITURE FROM A to Z—that's what you'll find in the new 148-page color catalogue from Roche Bobois. Settees to lithographs, storage units to pillowcases, tables, lamps, and desks for those who prefer their homes to reflect their own style with unique yet timeless decoration. Roche Bobois. $5

7. EARLY-AMERICAN HOME DECORATING. This 124-page hardcover book of decorating suggestions has a room-planning kit and illustrates the entire line of Young Republic hard rock maple living, dining, and bedroom furniture. Tell City Chair Co. $4

8. GRANDFATHER AND GRANDMOTHER CLOCKS. From this handsome brochure by Herschede you can choose from an entire line of hall clocks. Includes dimensions, specifications, and an explanation of fine clock movements. Herschede. 50¢

Eating and entertaining

9. "MICROLAMB." A booklet containing recipes for cooking lamb in your microwave oven. Helpful information about your microwave oven and techniques for preparing leg of lamb and lamb roasts. Braised rolled lamb shoulder and honey-glazed lamb are just two of the many creative dishes you'll find. Lamb Education Center. 50¢

10. "THE SWEET-POTATO LOVERS' GUIDE TO GOOD EATING." Learn about the saga of sweet potatoes—nutritional facts, varieties, cooking procedures, and delicious sweet-potato recipes such as Sweet-Potato Walnut Bread with Almond Crunch Topping. Presented by The California Sweet-Potato Council.

11. SMALL APPLIANCES . . . toasters, toaster-ovens, automatic drip coffee makers, irons, juicers, electric kettles. A brochure, "The First Fifty Years," celebrates the extent of the Proctor-Silex line and the range of fine quality products it produces. Proctor-Silex.

12. RICE RECIPES for diabetics and others. These recipes enable the entire family to enjoy such tempting dishes as Chicken Casino, Ham 'n' Cheese Bake, Franks al la Romano, Adrian Steak and Rice. Another helpful brochure from the Rice Council.

13. STERLING AND STAINLESS TABLEWARE. Informative literature from Lunt Silversmiths describes their active sterling silver patterns and new high-quality stainless flatware. Yours from Lunt Silversmiths.

Potpourri

14. AUTOMOTIVE SOUND SYSTEMS. Mini catalogue presents a sampling of the Audiovox car sound product line. Includes sound systems designed for in-dash and under-dash mounting, speakers, antennas, amplifiers, accessories, and CB. Color photographs with descriptions. Audiovox.

15. "THE ENLIGHTENED HOUSE" is a booklet with suggestions for enjoying the shining crystal lights of Waterford. Inviting lighting is the key to a warm feeling in your home. Information about illumination, task and accent lighting, chandeliers, and hints on selecting china and crystal lamps, fixtures, lampshades. Waterford Glass, Inc.

16. PLASTIC PLAYING CARDS. Brochure lists why Kem Plastic Playing Cards are considered the highest quality cards throughout the world. Color illustrations show the distinguished designs by Kem.

17. A MOST COVETED JEWELRY CATALOGUE—The Tiffany Catalogue. 216 full-color pages featuring jewelry by Tiffany designers as well as collections of sterling, china, crystal, watches, gifts, and more. Exclusive catalogue by Tiffany & Co. $2

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January 1980

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More on the energy-smart fuel-saver house on pages 102 to 105

House entrance faces east and is at second floor level because site slopes downhill.

Materials and equipment

ARCHITECT: Bruce Porter Arneill
INTERIORS: Bruce Porter Arneill, Bonnie Arneill
CONTRACTOR: Artisans, Inc. of Wallingford CT, Dan Molinari, President
SIZE OF HOUSE: 4,773 square feet
SIZE OF LOT: 1.3 acres

STRUCTURE
Foundation: Full basement with poured concrete foundation walls on concrete footings.
Framing: 2-by-6-inch wood framing of walls, 2-by-10-inch wood framing of roofs and ceilings, 2-by-8-inch floor framing.

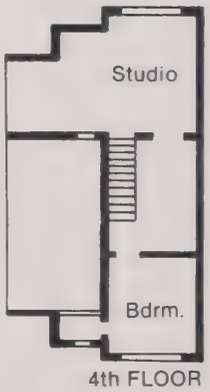
EXTERIOR OF HOUSE
Exterior walls: "Plyscore" sheathing, glued and taped. Aluminum siding of horizontal 4-inch clapboard, with cornice and corner boards, by Crown Aluminum Industries Corp.
Exterior finish: Wall siding, trim, prefinished in white. Brown stain on extruded window frames by Olympic Stain Div. of Comerco, Inc.
Roofs: Black asphalt shingles by Johns-Manville Corp.
Insulation: In walls, 6-inch fiberglass batts; in roofs, 9-inch fiberglass batts, by Johns-Manville Corp. On exterior walls, Styrofoam rigid board by Dow Chemical Co.
Windows: Wood frame, white vinyl-clad casements, fixed glass, and one double-hung window, with double insulating glass (triple glass on north wall) by Andersen Corp.
Skylights: Skydomes by Wasco Products, Inc.
Doors: In family room, living room, and basement recreation room; wood frame, white finish, sliding glass doors by Peachtree Door, Inc. Interior doors: flush wood doors. Front door, metal faced, insulated thermal door painted orange.
Garage door: By Overhead Door Co.; controls by Standard Door Co. of Milford CT.

INTERIOR OF HOUSE
Interior walls and ceilings: Gypsum wallboard by U.S. Gypsum Co. In bathrooms, bathtub alcoves in 4-inch white ceramic tile by American Olean Tile Co.
Interior finishes: White and raspberry color paint in major rooms; blue in kitchen, white and yellow in studio and bathrooms by Martin-Senour Div. of Sherwin-Williams Co. and PPG Industries.
Floors: Major rooms, halls, and stairs—wall-to-wall carpet. In family room, carpet by Armstrong Cork Co.
Furnishings: Family room and living room, modular chairs and coffee tables, pillows and plant baskets by Bullards of New Haven. In dining room and kitchen, place mats, napkins, china and goblets by Design/Research. Plants by Glenn Terrace nursery, graphics on walls behind fireplace-stoves by Arneill Associates.
Lighting fixtures: All globular ceiling lights, ceiling downlights, wall washers, hanging fixtures in kitchen by Lightolier, Inc. Globular wall lights by Prescolite Div., U.S. Industries, Inc., and family room globular wall lights by Habitat, Inc. Ceiling track lights by Halo Lighting Co., McGraw-Edison Co.
Fireplace-stoves: In family room, steel plate stove by Frontier; in living room, fireplace-stove by Jotul Div., Kristia Associates.
Hardware: Brushed chrome by Sargent & Co., cabinet hardware by The Ironmonger.
Music system: NuTone Div., Scovill Mfg. Co.
Kitchen and bathroom cabinets: Custom made by Customcraft Co. and faced in white plastic laminate.
Countertops: In kitchen, wood butcher-block; in bathrooms, blue Formica.
Security: Smoke alarm unit and burglar alarm system.
Plumbing Fixtures: American-Standard, Inc.

Wall openings between living and dining rooms permit passage of heat from stove.

MECHANICAL EQUIPMENT AND APPLIANCES
Appliances: Range, overcounter microwave oven, dishwasher by General Electric Co.; KitchenAid trash disposer by The Hobart Mfg. Co.; no-frost refrigerator-freezer by Whirlpool Corp. Laundry washer and dryer, and attic ventilating fans by Sears.
Water heater: The Carlin Co.
Heating system: Two-zone forced warm air heating system with 120,000 BTU oil-fired furnace, blower fans and operating controls by General Electric Co.

TOP FLOOR



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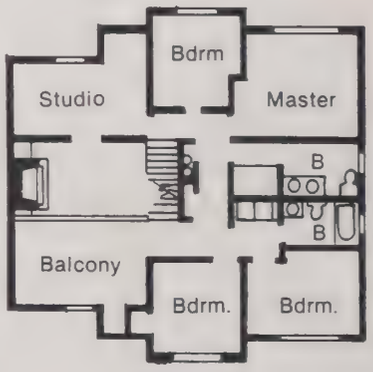

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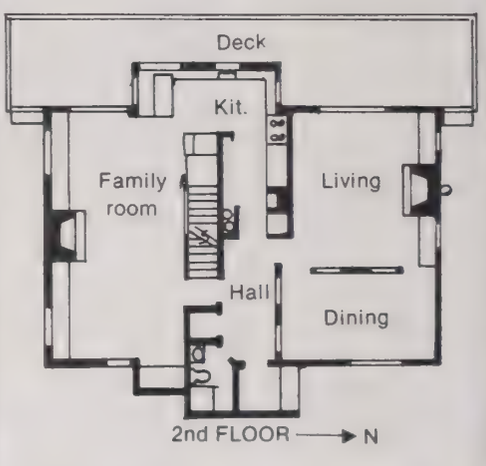

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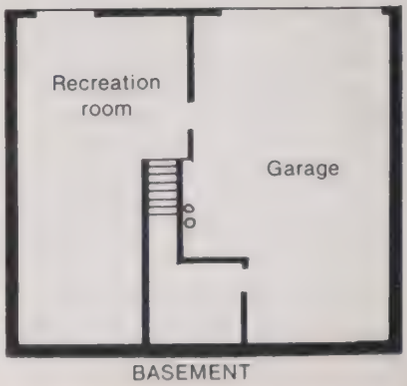

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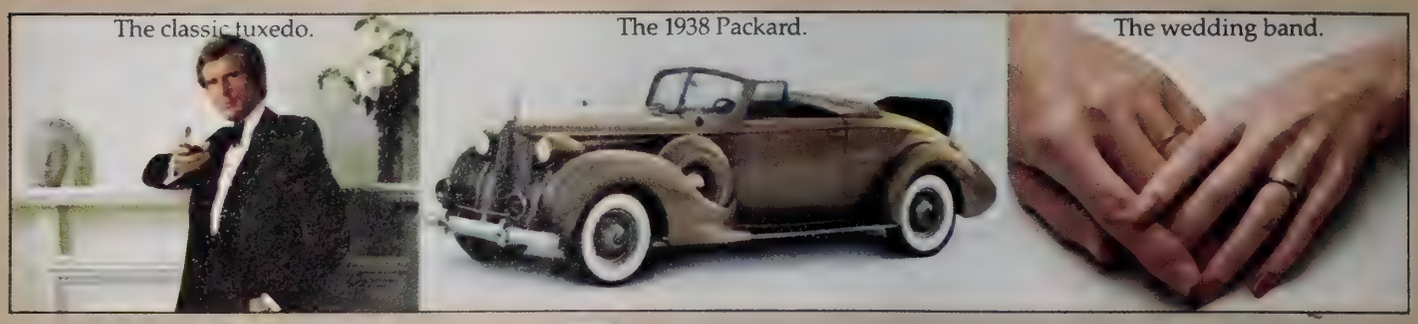

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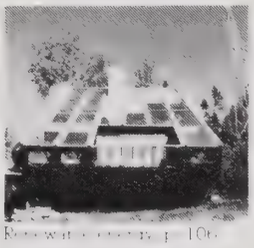
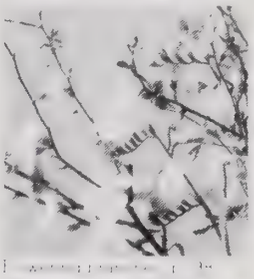
Incorporating LIVING for young homemakers

VOL. 152. No. 2





Cooking with steam, p.118

DECORATING, ARCHITECTURE, BUILDING

37 House craft. By Deanne Raffel
76 Ah, comfort—pull up a chair, put up your feet
78 Ergonomics—the new science of comfort. By Stanley Abercrombie
80 Comfort to hug—pillows in all shapes and sizes
82 My idea of real comfort—what a dozen famous designers say
86 Everything—and everyone—close at hand: that's comfort in the kitchen
88 Comfort in a bedroom you can sleep, eat, lounge, laze, watch TV in
90 Comfort in the living room
92 Jump out of bed and into your tub
94 Price-wise comfort: small-space makeover magic
106 Nature pays the fuel bills here
110 After 150 years, it's as young as it feels—a classic house on Nantucket
142 The kitchen page
144 The inside story

ANTIQUES

22 Questions & answers: Antiques. By Louise Ade Boger

FEATURES

12 Living. Edited by Paula Rice Jackson
30 Energy update: Harnessing the wind. By Jane Wholey
48 Money: Buy a house now—there are many ways to get financing. by Paul Gross
71 Ingenious ideas for organizing your closets
75 Why comfort? (*Editorial*)
100 The newsmakers and opinion-shapers are the real Washington inside story

WINE & FOOD

114 Meal in minutes
117 Steam cooking update
118 Don't think steaming is just for vegetables
120 Simple foods, simply cooked: a make-ahead buffet lunch
122 Good spirits: Wines with something extra. By Doris Tobias

GARDENING

43 Plants around the house: Fail-safe house plants anyone can grow. By Richard Langer
98 Speed up springtime with flowering branches you can coax into bloom right now
183 Garden: The gentle art of forcing
184 Garden mart
185 Gardener's notes. By James Fanning

BEAUTY AND HEALTH

26 Good looks and good health: Getting down to beauty basics. An interview with Aida Grey by Paula Rice Jackson.

TRAVEL

61 Going places, finding things. Edited by Nancy Richardson. Rural winter charm at the Trapp Family Lodge. By Dee Hardie; Island diary: St. John—where to go for sun, beach, peace. By Claire Schoen; Washington daytrip; Bed and breakfast in 18th-century Williamsburg; Art, architecture, landmark scenery as you run

READER'S SERVICE

146 Shopping around with Audrey Nichols
180 Shopping information
182 Building facts
186 Best in booklets

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Reach out.
Reach out and touch someone.

A one...and a two...and there goes the closing number from the school pageant shuffling off to Buffalo. Or to Toledo. To wherever Mr. Show Biz happens to be hanging his top hat this week. You'll never get him to stay put. But with a call now and then you keep him close. Stay close to your faraway family and family of friends. Reach out.

Bell System

The trim, contemporary new

Givenchy

World-renowned French designer Hubert de Givenchy takes a dramatic, unmistakable turn this year with a Continental Mark VI done in light fawn with bold bittersweet highlights along the sides and rear deck.

Emilio Pucci

The contemporary Mark of Italy's Emi Pucci is a magnificent tone-on-tone creat featuring subtle shades of fawn. With Land vinyl roof to match. It's the new chromatic l that's positively Pucci.

The 1980 Continenta

17 EST. MPG 24 EST. HWY MPG

Compare this estimate to the estimated MPG of other cars. You may get different mileage depending on how fast you drive, weather conditions and trip length. Actual highway mileage will probably be less than the estimated highway fuel economy. California estimates are different.

Mark of the Designers for 1980.
Bill Blass
1980, famous American designer Bill
ss launches a sleek blue and white yacht-
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for a classic convertible look. It's the
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The Cartier legacy strikes a new Mark for 1980. Fashioned with the true understated elegance that is Cartier. Brilliant. Dazzling tone-on-tone shades of pewter with matching Landau vinyl roof. Truly extraordinary.
CARTIER EDITION
BILL BLASS EDITION
1980
Mark VI Designer Series.
CONTINENTAL MARK VI
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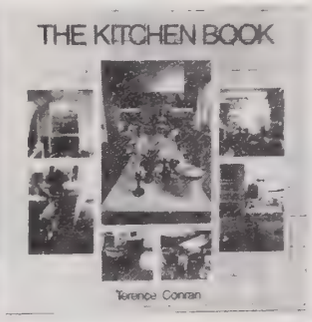
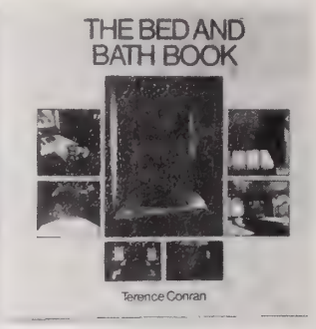
Ford

After we wrote the books,





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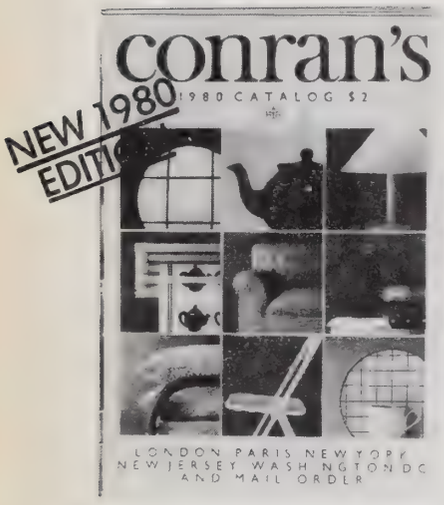

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HG2

HOUSE & GARDEN

On the cover
A living room that's as comfortable as it looks, with an overstuffed sofa piled with pillows; the warmth of natural materials everywhere; the openness of light and air; and the drama of a spectacular seascape beyond the glass doors. "Everyone who comes into this room seems to want to stop and stay," says Andrea Eastman Lazarus, who filled the room with an easy mix of contemporary furniture, heirloom antiques (like the old oak refectory table behind the sofa), and treasured mementos (like the American Indian rug that was last year's Christmas present from husband Paul Lazarus). "Combining styles is like combining color," says Mrs. Lazarus. "When you do it softly, subtly, you can create an ease that translates into an informal atmosphere." Take the coffee table. It's a thick slab of beveled glass on two giant terra-cotta tubs. (You can make one yourself: Tubs are available at garden centers or pottery shops across the country, and any glazier will cut a piece of glass to size. You might consider tinted glass, too.) "When guests are relaxing on the sofa, they feel perfectly comfortable putting their feet right on the table . . . but they might not if the glass were on a sleek chrome base, or if it were on a slick lacquered floor instead of the Indian rug." Contributing to the casual feeling of the room are all the natural colors. Everything's muted, with one exception—living flowers and plants. A generous sampling of indoor trees plus vases filled with fresh-cut tulips and poppies (Mrs. Lazarus is an avid gardener) usher you outside to the slatted wood deck. And as you pass through the sliding glass doors you hardly notice as indoors becomes outdoors. To see more of this comfortable indoor-outdoor California room and the rest of the house, please turn to page 90.

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LIVING

The latest in design, garden ideas, crafts, health, decorating, books, and exhibits

A window box that's fit for a king

Like the Duchess of Windsor, whom she plays in the current public television series, *Edward and Mrs. Simpson,* Cynthia Harris loves flowers, and her Manhattan brownstone is a bit of a showplace. Neighbors who have no idea there is an actress on the block stop to look at her windows. Spring, summer, fall, and even winter, there is something new.

"I wanted window boxes that are like little English gardens," she says, "with a variety of things that change with the seasons. I also like paired window boxes that don't match exactly."

With the help of writer/landscaper Kate Serlin, who designed her rear green garden, she varies the plantings each season. Empty plastic pots are set into the 43-by-8½-by-10-inch deep boxes before the earth and long-lasting plants go in. She can then easily slip pots of flowers in full bloom into buried pots for seasonal changes, without disturbing the other plants. "I might start with variegated coleus and two ivy geraniums for early summer, then substitute fall chrysanthemums later and end up in winter with tiny evergreen hollies flanked by berried foliage. Meanwhile, the long-lasting plants—trailing vinca, frosty gray santolina, bluish-gray fescue grasses, and summer petunias and wax begonias make a pretty background for the changeable color," says Ms. Harris. Her original earth mix is refreshed every spring. One 40-pound bag of good potting soil combined with a bucket each of perlite and sphagnum moss is usually perfect for starting the two boxes.

Solar hotline

Asking that burning question about solar energy is as easy as picking up the phone—and the answer's as free as sunshine. At the National Solar Heating and Cooling

Information Center solar experts are on hand from 9 to 5 to field questions on solar equipment, retrofitting, tax breaks available, architects in your area, and more. If research is required, they'll answer your question by mail. Call toll-free (800) 523-2929; in Pennsylvania, (800) 462-4983; Alaska and Hawaii, (800) 523-4700.

Montana Mercantile, a new culinary store that offers cooking classes, its own newsletter, and a back-to-basics attitude.

Cuisine starts

"We're interested in teaching the basics of cooking, not just fancy recipes," says Rachel Cronin, owner of Montana Mercantile, a new type of cooking store on Montana Avenue in Santa Monica, California. "After all, the fundamental techniques are really the roots of good cuisine."

Classes are held in the store and are limited to approximately 18 people per class. "Our instructors come from a variety of cooking backgrounds, including nutrition and home economics," says Ms. Cronin.

To emphasize the importance of technique, a nine-part series of classes has been introduced this winter. The first lesson starts with an introduction to kitchen equipment, with subsequent classes on soups and stocks, sauces, eggs, sautéeing, braising, and stewing, roasting, steaming, and poaching, and finally the preparation of a meal—with special attention to presentation and garnishes.

Other classes include a series on regional American cooking, Chinese cooking, and special lessons for children. February's course for younger children will be "Edible Valentines."

The store itself also has a back-to-basics attitude about cooking, and Ms. Cronin personally tests every product she sells. For class information, write Montana Mercantile, 1324 Montana Ave., Santa Monica, Calif. 90403.

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You are invited to send $3.00 to Baker Furniture, Dept. 757, 573 Columbia Ave., Holland, Michigan 49423 for the catalogue.

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Gama

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*Comparisons are based on the average conditions specified in the Department of Energy test procedures.

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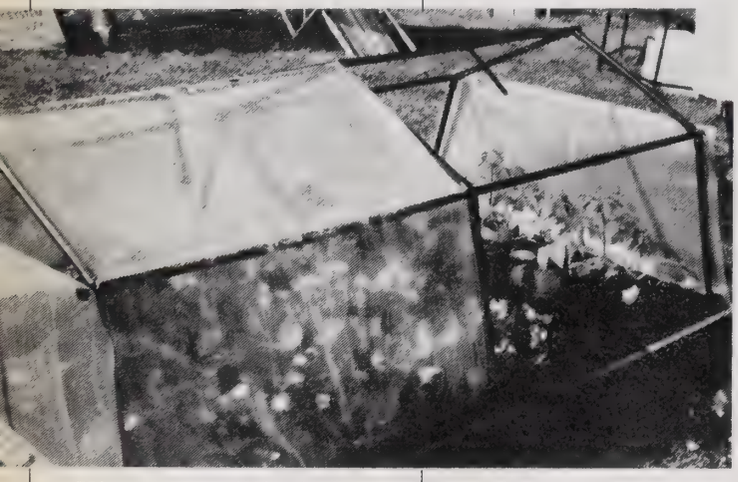
LIVING

Net gains for gardens

If you sometimes think that your gardening efforts end up being strictly for the birds, take heart. For years, commercial farms have safeguarded against hungry flocks with netting on sturdy frames boxed over fields. Now there's a kit from England, *Dick's Sticks,* that makes it easy to build your own on a smaller scale.

The frames are rigid but lightweight plastic tubes in different modules that form a variety of sizes and shapes—from a 6-foot-square hip-roof frame to a lean-to or cold frame. Frames can be moved or dismantled for storage and basic kits added to at any time. The netting covers are interchangeable with heavy polyethylene to adapt to the season and purpose.

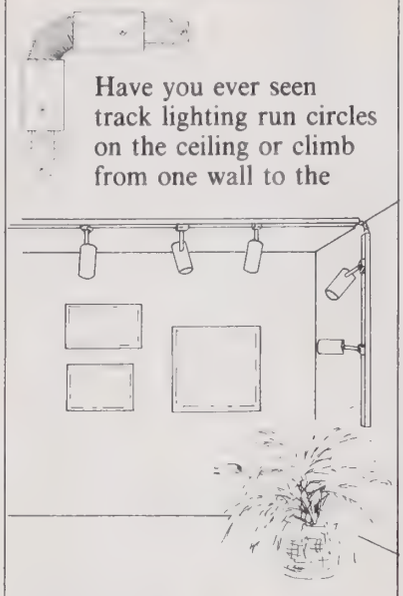
And, there's an added feature: an overhead irrigation system. Tube sections fitted with spray nozzles can be connected to a garden hose. These can also be used for watering in a standard greenhouse.



Kits start at $23 plus shipping charges. Jeffery Garden Products, 63c Shaw Hill, Shaw, Melksham, Wilts SN12 8EX, England.

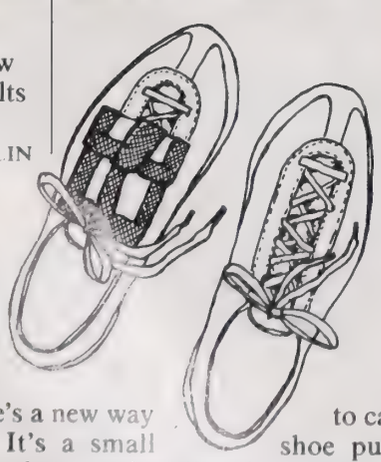
KATE SERLIN

New track record



Have you ever seen track lighting run circles on the ceiling or climb from one wall to the next? Probably not, because until recently it wasn't possible. Now, thanks to a new flexible connector, it is. The connector bends as far as 90 degrees so that you can set track systems in an oval, half circle, or along adjoining walls. $22; Halo Lighting Division, McGraw-Edison Co., 400 Busse Road, Elk Grove Village, Ill. 60007.

Take the money and run!



For pocketless joggers, here's a new way to carry keys, money, Chapstick. It's a small shoe purse, about 3 inches by 2 inches, that attaches directly to your running shoes. A self-adhesive strap slides under the laces, then closes back over the pocket. There are a variety of colors and designs; available for about $3.50 at sporting goods stores.

Logging catalogues

Here's a shopping adventure: The Catalogue of Catalogues Newsletter, packed with mail-order finds from far corners of the world (medieval chess pieces from the British Museum, Pringle sweaters from Scotland, designs from Denmark). Import them—and save considerably. Editor Maria Elena de la Iglesia lists prices department stores are now charging for the same items—an advantage her newsletter has over her two catalogue books. "Some stores are too small to have a catalogue, but they still do mail order," she says. The Catalogue of Catalogues Newsletter, 250 West 95th St., New York, N.Y. 10025.

EVENTS What's showing and where

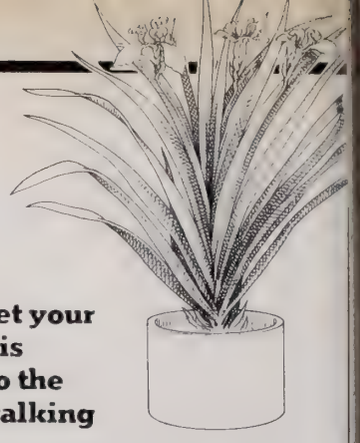
The St. Louis Art Museum: "Masters of Japanese Naturalism," Feb. 8-March 30. 120 paintings never before shown in the U.S. St. Louis, Mo.

National Gallery of Art: "American Light: The Luminist Movement (1850-1875)," Feb. 10-June 15. 250 paintings, drawings, and photographs. Washington, D.C.

Nelson-Atkins Gallery: "Shakespeare: The Globe and the World," Feb. 9-May 4. Collections of sonnets, quartets, plays, and more. Kansas City, Mo.

The Museum of Modern Art: "Eileen Gray," Feb. 6-April 1. A complete survey of the works of this designer and architect (1879-1976). New York, N.Y.

Seventh Regiment Armory: "26th Annual Antiques Show," Jan. 26-Feb. 3. New York, N.Y.



Let your iris do the walking

Walking iris is a stationary enigma. It's the kind of house plant that some people grow without recognizing it, while others know it, covet it, and can't find it. The latter really wish they could, especially if they've seen it blooming away in the heart of winter.

If you're lucky enough to own a walking iris, treat it like an African violet, even though it may get up to 2-3 feet high. Confine it to a five-inch pot, provide it with as much bright light and humidity as you can find, and water whenever its soil feels dry. But don't worry when you forget. Walking iris appreciates a few dry days now and then from mid-fall through January while it gears up for its annual display.

The show's a good one. The flowers are about three inches across, irislike and orchidlike in appearance. And they're very shy. They open one at a time in early morning and are gone by noon.

Expect about five flowers from each flowering leaf, over a course of two to eight weeks. When the plant stops flowering in late winter and the bud turns brown, it's ready to start "walking" to another pot.

Press the drooping, bloom-bearing leaf to soil with hairpins or paper clips and wait for the spent bud to develop roots. Then sever it from the parent.

Walking iris is known by several names, and is offered under the botanical names *Neomarica Northiana* (very hard to find) and *Neomarica gracilis* which you can get at Arant's Exotic Greenhouses, 1873 South Shades Crest Road, Bessemer, Ala. 35020; catalogue $1.50, refundable on first order.

TAILGATER PETTER PUBLICATIONS

CHARLOTTE WILLIAMS

"The high ceilings and arches in this Spanish-style El Paso home were such a strong statement, I tried to keep my design simple. As a nice contrast to all those straight lines, I chose a grouping that's soft and voluptuous. Some of the pieces are a bit formal, but together it all works to provide exactly what I was after: that casual, comfortable Southwestern feeling of informality."

We are pleased that Mrs. Williams, A.S.I.D. and President of Charlotte's, Inc., chose Century Furniture—the sofa, covered in a handmade Indian crewel, suede bergere, and the upholstered Parsons style benches. If you would like to see more Century furniture in beautiful homes throughout America, send for our booklet. Enclose $1 with name and address to: Century Furniture Co., P.O. Box 3427, Dept. G-4, Hickory, N.C. 28601.

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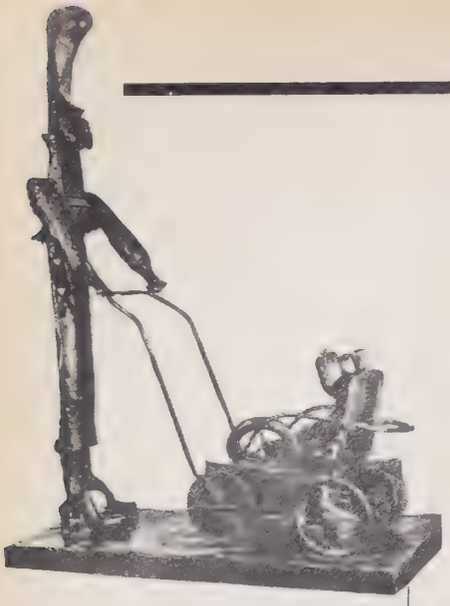


"Woman with Stroller," bronze sculpture, *left,* and "Still Life on a Pedestal Table," *above,* are part of a major Picasso exhibit arriving this month. © Spadem, Paris/Vaga, New York.

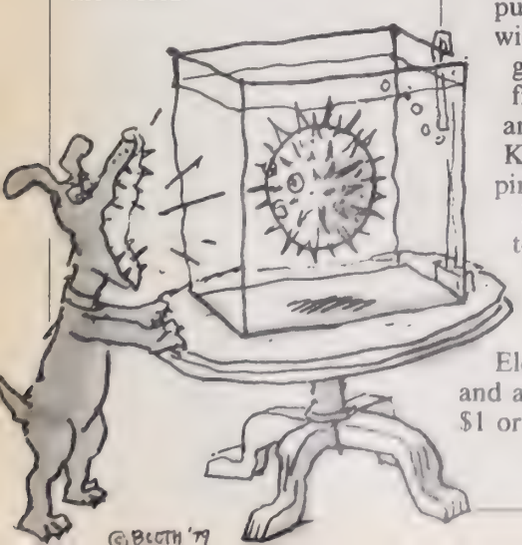
Viva Picasso!

This month a very special art exhibit makes its way to the United States, with its premiere at the Walker Art Center in Minneapolis. "Picasso: From the future Musée Picasso, Paris" will open there on February 10 and remain until March 30. Approximately 160 paintings, sculptures, drawings, and collages from Picasso's own collection will be on view for the first time. When they return to Paris, they will be housed in a new French national museum dedicated to Picasso, scheduled to open in 1981. The exhibit represents not only works that have never been shown before, but also gives an overview of the artist's development. After Minneapolis, the exhibit travels to New York, where the Museum of Modern Art will hold its first museum-wide presentation from May 1-September 16. "Pablo Picasso: A Retrospective" will include additional loans from collections from around the world.

Finny friends

Tropical fishkeeping is second only to photography as Americans' favorite hobby, and the fish-equipment industry reports that sales to new and old fish fanciers last year were up 22 to 30 percent. Twenty million of us lovingly harbor some 340 million wet pets in home fish tanks, says the Pet Information Bureau. It may be hard to think of fish as pets exactly, but they are indeed responsive creatures with great decorative interest. Fresh-water varieties are easiest for starters—guppies, mollies, swordtails, zebras, and angels—and hardy types of goldfish such as Black Moors, Celestials (whose eyes point straight up), Comets, and Fantails. Or how about the fresh-water fish called the kissing gourami? This fish actually puckers up and locks lips with not only other gouramis but with any fish who'll yield to its amorous attentions. Kissing gouramis are pink, 3-4 inches long, and look like little wind-up toys—great for laughs. You can buy and equip a 10-gallon fresh-water tank for about $30. Electricity to heat, filter, and aerate the tank may cost $1 or $2 a month.

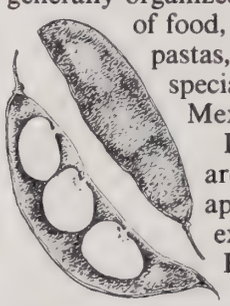
PATRICIA CURTIS



For the meatless gourmet

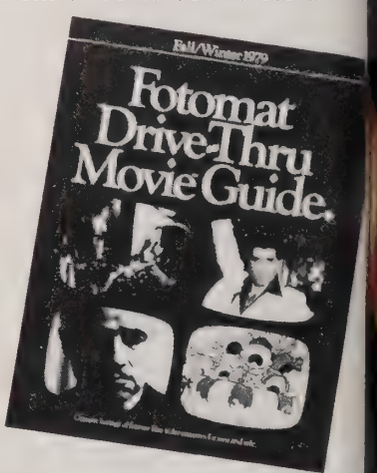
Anna Thomas's *Vegetarian Epicure,* published in 1972, did for meatless cuisine what Julia Child did for the French. Now she's back, with *The Vegetarian Epicure, Book Two.* This time, Ms. Thomas shares her learning and lore from four years' travel throughout Europe and the Middle East. She brings back 325 recipes from places where the emphasis on cooking with meat is "less overwhelming than here in the United States."

Pasta, antipasto, cheese and egg dishes, and Indian meatless dishes are all part of the fare. The book is generally organized by type of food, but Italian pastas, Spanish specialties, Mexican and Indian food are set apart to be explored. Published by Alfred A. Knopf; paper, $6.95.



Movies to go

If you think home movies just don't compare with the big box-office hits, why not bring the Academy Award winners home? A new concept called "Drive Thru Movies" has been developed by the Fotomat Corporation, enabling you to buy or rent major motion pictures that can be shown on any Betamax or VHS videotape cassette player. Rentals cost from $7.95 to $13.95 for a



five-day period, or you can buy the cassettes for $40–$60, depending on the length of the film. There are over 130 titles, including "Saturday Night Fever," "Days of Heaven," "Nashville." To order, call (800) 325-1111.

Presto-chango chair

For years, the convertible sofa bed has been a great space-saver for any room. Now, a new kind of convertible has been designed. The "Magic Module" consists of three pieces—a bolster and two cushions—that can be converted to a chair, ottoman, bed, sofa, or chaise longue by simply rearranging. There are no movable parts or springs, and the piece weighs only 40 pounds. It is available in a variety of fabrics and designs, and sells for about $140. Crown Convertibles, 72 Howe St., Marlboro, Mass. 01752

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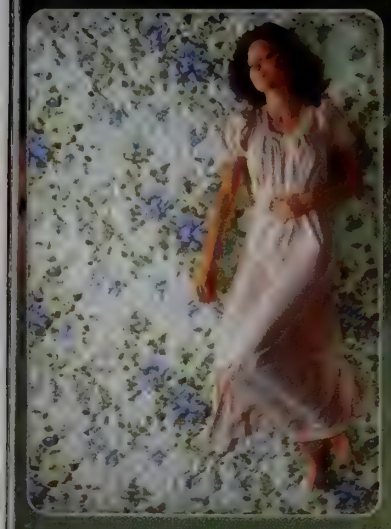

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*Suggested retail prices. May vary in Canada.

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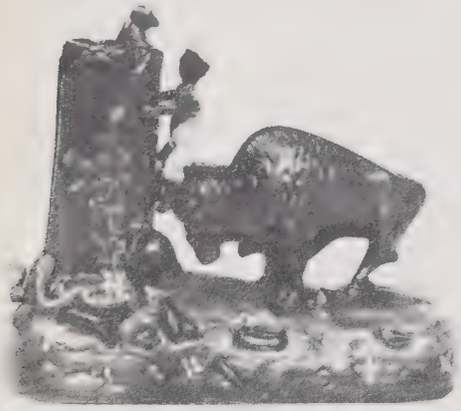
ANTIQUES
QUESTIONS & ANSWERS

BY LOUISE ADE BOGER

Butting buffalo bank

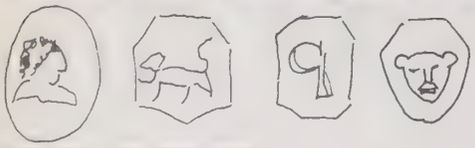


Q. On my old bank, a buffalo butts a boy up a tree while a small animal watches from the top of the stump. The coin, placed in a slot on top of the stump, falls in when the lever is pressed. Do you know who made this odd bank?

A.M.B.—New York, N.Y.

A. Your bank was designed and patented March 20, 1888, by Alfred C. Rex, and manufactured by Louis Kyser and Alfred C. Rex of Philadelphia.

English toilet case



Q. I would be delighted to have some information about my grandfather's traveling case. I've sketched the mark.

R.E.F.—Skaneateles, N.Y.

A. Your case is called a toilet case and the articles kept within toilet articles. In medieval times the *toilette,* diminutive of the French *toile* or cloth, was a modest piece of linen on which were placed the cosmetics; after the beauty treatment was finished, the paints, powders, and salves were gathered together in the *toilette* and put away in the chest. As time passed, the *toilette* gave its name to the accessories—mirror, boxes for powder, rouge, patches, scent bottles, covered unguent jars, brushes, combs, and other beauty requisites—spread upon it; then to the operation for which they were used; to the box in which they were kept; and finally to the table especially designed to hold them. According to the English hallmark, the English-Regency-style sterling silver toilet equipage in your traveling toilet case designed for masculine use was made in London, 1831–1832. It is a not-too-common service of fine craftsmanship.

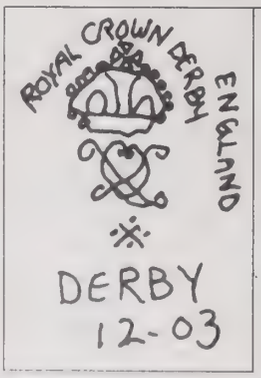
Wedgwood plates

Q. My Wedgwood plates have the letters "CFW" on them and the numbers 6358/14. From this, can you tell me anything about them?

F.P.P.—Leesburg, Fla.

A. The coded date impressed mark CFW indicates that Wedgwood made your Queen's Ware (fine earthenware) plate in 1894. The designs themselves are by Kate Greenaway. Initially they were portrayed on a set of 12 tiles, which are sometimes referred to as the Calendar Tiles. Here the transfer prints have been adapted for use on plates.

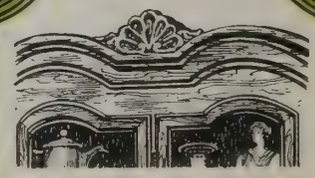
Edwardian moustache cup



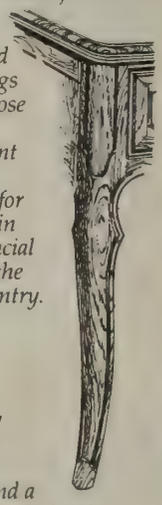
Q. I have a left-handed moustache cup which I understand is quite rare. From the mark I've drawn, can you tell me when and where it was made? M.B.T.—Oakland, Calif.

A. Your Royal Crown Derby mark was used from about 1890–1921. Year cyphers occur with the mark: Your cypher "x" with four dots was used in 1904. So your cup is an Edwardian example.

Continued on page 24

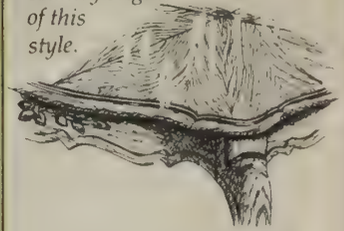


The rich floral carving on china and sideboard captures the lighthearted elegance of Country French furniture.



The carved cabriole legs are like those found on magnificent antiques, cloistered for centuries in the provincial homes of the French gentry.

Naturally distressed matched veneers and a mellow brown finish, hand-rubbed to a soft satin patina, warmly echo the country origins of this style.



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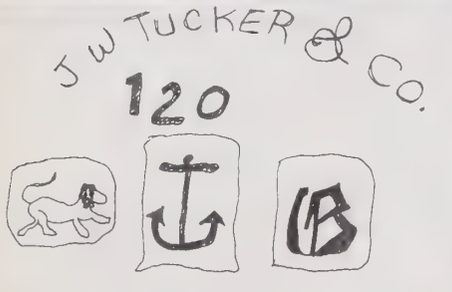
FROM THE INDOOR WORLD® OF Armstrong

continued from page 22

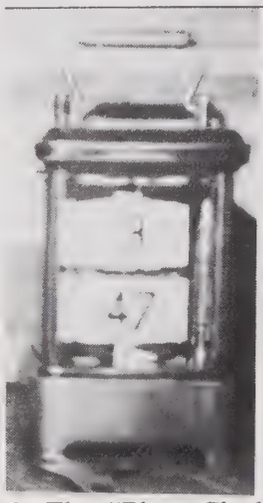
Silver tea set



Q. From the photographs and mark that I've drawn, what can you tell me about my antique tea set? C.H.Y.—Easton, Pa.

A. J.W. Tucker & Co. was started in San Francisco by John W. Tucker (d. 1876), who is listed in the City Directory from 1852 on as a jeweler and importer. The business was continued under his name at least until 1886. The mark J.W. Tucker & Co. is sometimes, as in your three-piece tea set, found with the familiar Gorham mark (Lion, Anchor, and Old English G) indicating that the company merchandised Gorham wares. In the 1860s, Tucker made a five-piece tea set from silver dollars minted from the first ore extracted from the Comstock Lode, which bears the mark "J W Tucker & Co. Coin Silver."

Early digital clock



Q. On the bottom of my old clock it says "Plato Clock." Can you tell me anything at all about it? R.B.M.—Birmingham, Ala.

A. The "Plato Clock," described as a Time Indicator, was patented in 1902 by its inventor, Eugene L. Fitch, born in 1846 in New York City. The idea behind his invention was to make an instantly readable timekeeper. While clocks and watches were made as early as the 18th century giving "instant time-telling" by showing only two sets of numbers for hours and minutes, Fitch's use of two sets of "flip plates" to accomplish this purpose was unique. In fact, his digital clock, as this type has become known today, gave "timetable" time (i.e. the 3:47) at a glance and was ahead of its time. There were apparently only four basic models, all based on Fitch's fourth and final patent, but the variations are considerable. All the clocks of U.S. manufacture were made during 2 or 3 years, probably 1904–1906, and all were probably manufactured by the Ansonia Clock Co. Your model, one of the four basic ones, dates about 1905. Foreign Plato Clocks made in France and Germany date from 1908–1912. In the early 1950s, new Plato reproductions appeared on the market.

Three-footed trivet

Q. I have never been able to find out just what this object is. Can you help me? R. Mc.—Albuquerque, N.M.

A. You have a three-footed trivet of 19th-century English manufacture. It is used as a stand for a pot, kettle, or other vessel placed over a fire for heating or cooking. In use for centuries, the trivet was originally and properly supported on three feet; in more recent times, it has often been made with one or two vertical projections by which it may be fixed to the top bar of a grate.

Antiques show

A feature of the 26th annual Winter Antiques Show in New York will be the gardens. The entrance will house a spectacular garden designed by C. Z. Guest in collaboration with Elvin McDonald and will include a mural designed by Mario Buatta, executed by Richard Neas. In the center of the main floor will be a pleasure garden in the style of Longwood Gardens, designed by J. Barry Ferguson in association with the Winterthur Museum. The show will be held Jan. 26 through Feb. 3 at the 7th Regiment Armory, Park Ave. at 67th St., New York, N.Y. 10021.

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BY PAULA RICE JACKSON

Getting down to beauty basics

Two makeups for day and evening, complete with how-tos from beauty and skin-care expert Aida Grey

Aida Grey knows something very personal about you. She knows what you really look like, or what you could look like if you knew the makeup secrets that have made her artistry famous. From her skin-care and makeup salon in Beverly Hills, Calif., she has developed the beauty potential of countless women through her 50-year career of working and consulting for all the major Hollywood film studios. Her book, *The Aida Grey Beauty Book,* published last fall by Lippincott, is a step-by-step guide to makeup and skin-care programs that help you uncover your own natural good looks. On a recent trip of hers to New York, we talked about some of the principles of her work.

"Do you know where the word 'cosmetic' comes from? It's derived from the Greek word *cosmos,* which means order, harmony, arrangement, and the universe. That should give your own daily makeup routine a new perspective!" Mrs. Grey also outlined five important guidelines to help every woman assess herself the way she looks now:

1. Your makeup look should be individual.
2. Your makeup should harmonize with your skin's color.
3. Your makeup should be in harmony with your age.
4. You should take greater care applying makeup that will be seen in natural or daylight because those two lights are most revealing.
5. Your makeup for evening should be slightly more extensive and accentuated.

A question many women ask is: How long should it take to do an adequate makeup? Mrs. Grey thinks that a daytime look should only take you between 15 and 30 minutes to do; an evening look, 15 to 45 minutes. You should, of course, include your cleansing routine's time into the overall total. Mrs. Grey also adds this note for planning your makeup time before a special party: Find spare time to experiment with special makeup effects before you have something important coming up. Plan to have your makeup tools and products all ready when you begin. Don't experiment with a new look the night you're giving a party, because you're usually nervous before a party. Your eye won't be secure about what you've done as your hand isn't sufficiently practiced to get it right the first time. This is a rule she advises everyone to follow.

Here's a 15-minute makeup for daytime that you can wear with confidence, adapted from Mrs. Grey's book.

Your makeup for day:

Prepare your face by cleansing thoroughly and finishing with both a toner and a moisturizer. Add a tiny bit of eye oil around the eyes. If there are small blemishes or flaws to conceal, cover them with a stick-concealer blended to match perfectly your own skin shade.

Apply your foundation in five light splashes—cheeks (count two), nose, chin, and forehead. Blend with your fingertips right up and around your eyes. And use a makeup sponge for superb evenness. Wipe away any excess.

Highlighter comes next, and yours should be about three shades lighter than your foundation. It, too, goes around the eyes and you may also use it on the expression lines around the mouth. The light reflected seems to minimize the lines.

Your rouge is your health color, your lively glow. It goes just below the cheekbones; it graces the hairline where it should be ever so lightly blended until it all but disappears.

Eyeliner comes next, and Mrs. Grey prefers cake eyeliner you put on with a little brush. Choose dark brown, navy, charcoal green, or black. If you're less than deft with a brush eyelining, makeup pencils can do the same thing when you color inside the lashes.

Black mascara is great for almost every eye color. So are green and navy. Use it for lush, lush lashes.

Give your eyebrows shape with a colored pencil, especially if you're blonde. There's expression in those brows which should be brought out through shaping and filling in with color.

Dust powder over your entire face. Loose powder with a fluffy makeup brush. Wipe away the excess with cotton. Powder gives a wonderful finish to your complexion while it also acts as a filter to screen out some of the sun's harmful burning rays.

Lipstick last, with a clear gloss over it for extra shine. Remember to powder your mouth when that loose powder goes on. The powder acts as a base and increases your lipstick's staying-power.

The last thing you do is to mist your face with a spritz of Evian mineral water. Water sets your makeup and helps it last, keeps the colors fresh and clean.

Your evening makeup should go on as effortlessly and as smoothly as your daily day makeup. Your skin will also be more receptive to makeup if you can find time for a mini-facial. If there's time for you to have a bath, there's time for a mask to do its smoothing, clarifying work. Remove the mask with warm water. Dry, tone, and moisturize. Begin:

Continued on page 28

Gala evening makeup

1 Eyeliner: charcoal green
2 Eyelid: soft taupe + gold disco dust 3 Below the brow: frosted warm green, blended 4 Under the brow bone: bone color
5 Cream rouge: pearlized rose red 6 Second rouge: plum
7 Powder base: frosted rose
8 Powder: frosted rose beige
9 Lipstick: brilliant red
10 Highlight on chin: bone color

The basis of a gala look is a strong day look.

enter **Chloé**

"A woman does not put on my fragrance. She enters it."

Karl Lagerfeld

Parfums Lagerfeld • Paris

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continued from page 26

Your foundation goes on with the familiar five splashes. You may want to use a hint more foundation for evening. Go ahead, but be sure it's only a hint.

Choose a highlighter that has a pearl or golden sheen.

Choose a rouge that's also sparked with silver or gold. Apply your rouge from the cheekbone all the way up to the hairline where you blend it until it almost disappears. A super-light, super-gentle touch does it properly.

Two shades of eye-shadow look wonderful for evening. Pick two complementary colors and place the lighter one next to your lashes. The darker goes into the crease.

Sketch your eyeliner. The line should be the merest suggestion of color, but it should be placed right at the root of your lashes. For gala evenings, Mrs. Grey loves the addition of a gold or silver liner—keep the color subtle for a very dramatic look.

Keep your eyebrows lighter than your hair by adding the merest color with a pencil. Brush them away from the face with a tiny eyebrow brush. Finish with loose powder dusted over your face, your neck, your shoulders, wherever your skin shows. Powder softens the way your skin looks in evening light to make it look even more appealing.

Lipstick for evening should be dark with a silver or gold sheen in it.

Mist your face at the end with Evian mineral water, check yourself in a three-way mirror, and add whatever touches you think are necessary. Add your fragrance and you're done! Now, forget about yourself and have a wonderful evening. ■

Beauty and health products new this month in the stores

Precision skin care is important news this winter. One of the most complete treatment systems, **Lauder Prescriptives**, designed to help your skin function at its healthiest, has just been introduced by *Estée Lauder*. It's a four-part program of treatment products and makeup that help correct and normalize your skin's condition. With the help of a recorder known as the "Skinprinter," the Prescriptive analyst is able to precisely identify your correct Skinprint from 120 possibilities. Products are selected for your skin according to your answers and the analyst's observations. Three parts of the program deal with treatment: Cleansing, Energizing, and Protecting your skin from the environment, the sun, moisture loss, and stress. The most innovative product in the system is called "Daily Dose," a package of eight small vials containing liquid in three strengths. You use a tiny drops once in the morning, again at night. It contains six ingredients to energize your skin. You'll especially notice its impact on the small lines under the eyes and above the mouth. Another product should make outdoors lovers rejoice—"Outdoor Protective Cream," which has a sun protection factor of 19! This cream is a total block and can be worn with safety even in the tropics. If you're thinking about beginning a serious skin-care program, you fill out a questionnaire which will be kept on file at the store carrying Prescriptives products. The file constitutes a record of what you've used and what changes you make as your skin improves. Daily Dose in vials, from $35 to $45; in 2-ounce bottles, from $20 to $25; 2-ounce jar of Outdoor Protective Cream, $15. Lauder Prescriptive is available now in New York City and will open at fine department stores during 1980.

Chanel introduces its makeup collection for spring—**Chanel Printemps '80/ Les Flamboyants**—in reds that spark black and white wonderfully. Or if you love navy with white, these reds are equally great. There are three for lips and nails—"Rose/Flamboyant," "Rouge/ Flamboyant," and "Rouge de Chanel," a classic, neutral red that enlivens everything it's near. It's a clear red with fiery undertones of yellow and orange. The nail enamels match the lip shades except that "Rouge de Chanel" gets a "Feu/ Fire," which is slightly more orange. Chanel makeups should go on as ivory as possible to contrast the reds. And eyes have it with the prettiest periwinkle blue—just a hint of blue for extra depth. Lipsticks, $7.50 each; nail enamel, $5.50 each; eye shadow, wrapped in a small black and silky pouch, $8.50. Chanel makeups are available at fine department stores everywhere across the country.

PAULA RICE JACKSON

Your herbal and fragrance almanac

The sign: **Aquarius**

Circa: January 20-February 18

Perfumes, toilette waters, and colognes can well be called liquid bouquets. Perfume, the most concentrated and lasting form of fragrance, is a meld of natural or synthetic oils, fixatives, and alcohol. Some perfumes are compounded of more than 200 different ingredients. Toilette water is next to perfume in degree of strength, and cologne is the lightest concentration of scent. One fascinating aspect of wearing fragrance, one that appeals to the individualistic Aquarians, is that everyone's distinctive body chemistry exerts subtle changes in perfume thus making it uniquely personal. **Diane Love** makes an unusual Oriental blend of potpourri and packs it in an elegant tortoise-shell box. For Aquarians and other nonconformists Parfums Worth present the graceful and very alluring **Miss Worth. Aston** by Alexandra de Markoff makes a chic statement for the refined Aquarian male. MARIA REACHI

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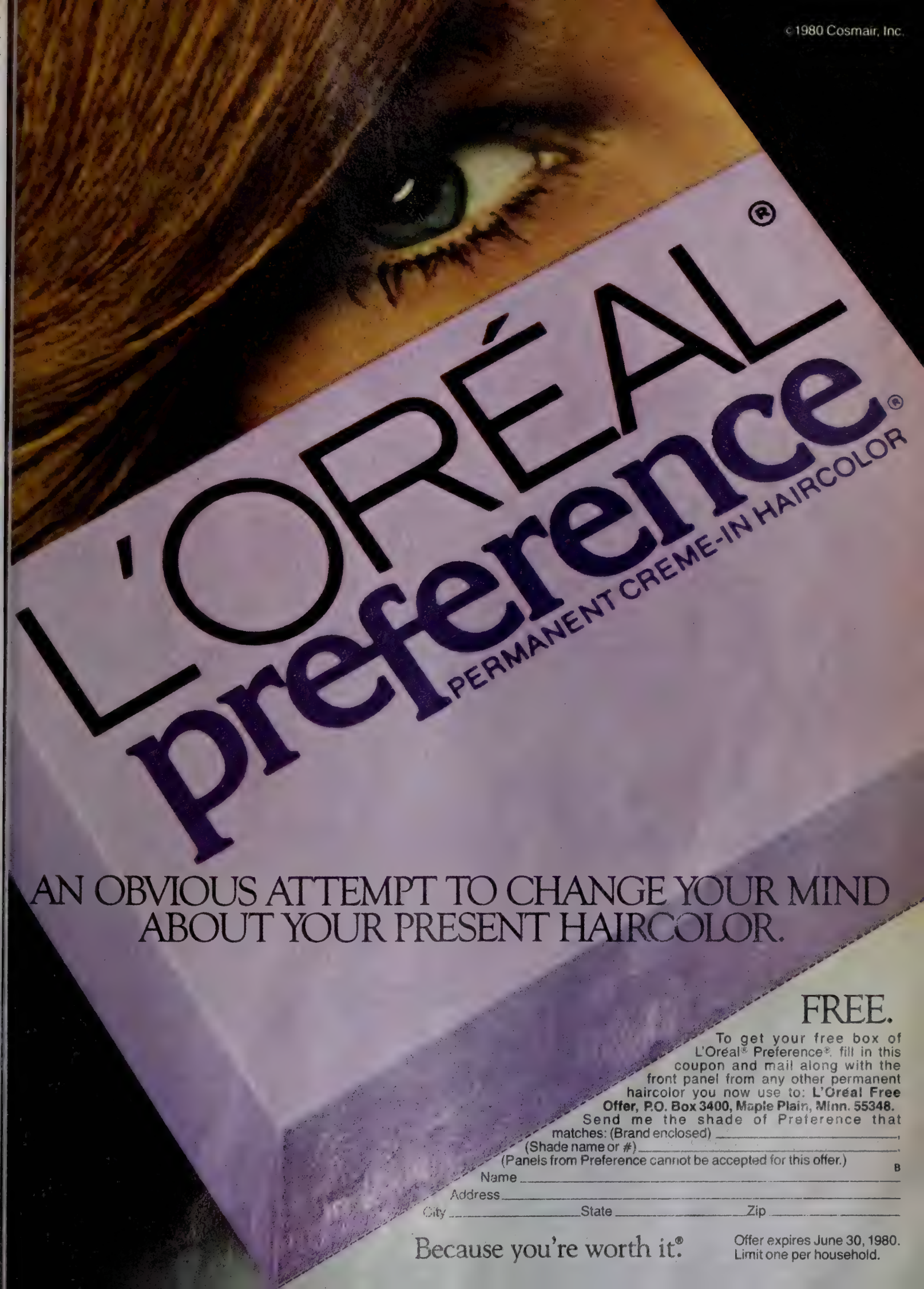

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BY JANE WHOLEY

Harnessing the wind

If there's a strong breeze blowing in your backyard, consider a windmill to put its energy to work for you

Windmills are romantic. Their graceful lines and whirring blades have captured the imagination of artists for centuries. They made Holland famous. But are windmills practical in today's world? The answer is yes more often than you think.

At Dorney Amusement Park near Allentown, Pa., the largest windmill in the country (250 kilowatts) supplies all the electricity for the park's roller coaster. The machine stands on a tower about six stories tall and looks like a giant airplane propeller.

At Clayton, N. Mex., a slightly smaller but similar-looking machine is generating electricity for 500 homeowners. Block Island, R.I., and Boone, N.C., have comparable windmills.

In California's St. Joaquin Valley, the Pea Soup restaurant generates a portion of its electricity with a wind machine one story high that looks like it's straight out of Amsterdam.

In northwest Colorado, the KMU-FM radio station runs its transmitter on an even smaller windmill. Broadcasters tell their listeners "This is KMU radio . . . the sound of the wind."

In the heart of New York City's Lower East Side, a group of cooperative homeowners use a windmill to light their halls and power their solar energy system. Imported from Wisconsin, it stands on the tenement roof atop a 40-foot pole.

In the Midwest and Southwest, about 80,000 windmills pump water to irrigate farmers' crops.

And tucked into nooks and crannies all about the country, wind machines are performing tasks like generating low-grade heat for household heating and for grinding grain.

What exactly is a windmill?

Many windmills in use today look fairly familiar. Some, however, take shapes you'd hardly recognize as windmills at all. One type, for instance, looks like a huge pulsating eggbeater and others are primitive structures made from oil drums cut into halves. There are at least 18 different brands, and they have exotic names like Darrius Rotor, Savonius Rotor, Venturi Shrouded, and Princeton Sailwing. Diverse they are, but all wind machines have one aim in common: to capture the wind. Most windmills we will see in our lifetime stand on towers and have blades. The blades come together at a central point that forms a hub, which is attached to a slender pole jutting out behind, called a shaft. When the wind blows, the blades spin, and the hub—just like the one on your bicycle wheel—will turn in a circular motion. As it turns, so does the shaft it's grabbing onto. What happens to the windpower now invested in the turning shaft depends on the machine you have. In some cases, the shaft turns a bundle of wires that generate electricity.

Electricity-generating windmills for today's homeowner

Electricity-generating windmills have been around for an entire century, and as early as the 1890s they powered a good percentage of rural Denmark. During that era, one Dane, Fridjof Nansen, even used one to light a lamp as he sailed the Arctic Sea looking for the North Pole. By the early 1900s, windmills had appeared in huge numbers in the United States and proved so useful that they became a major source of electricity for farms. But in 1945, the U.S. government passed the Rural Electrification Act and brought utility lines to the countryside, which changed the windmill picture considerably. Electricity from the utility companies was accessible and cheap—so why bother with windmills? Farmers simply shut them off, and when their children grew up, most didn't buy new ones.

CRAIG CRANNA

Windmill lights halls and powers solar energy system in New York cooperative.

But today, farmers' grandchildren are turning to windmills again—and so are homeowners from the country, suburbs, and cities alike. The reason is obvious: According to the Environmental Action Foundation, a consumer group in Washington D.C., the price of electricity is rising by about 10 percent each year. This fact of life has made windmills popular with industry, government, and the utilities themselves. (Three utility companies are now using windmills to generate a portion of the electricity they sell.)

The renewed interest in windmills has even spawned a new generation of windmill manufacturers. In 1960, there was only one company left of the 40 that had enjoyed good sales during America's golden windmill era (1932–1942). Today, there are 18 companies in business again. Last year they sold 870 windmills to homeowners, with rural folks still the biggest buyers.

Now, thanks to the flurry of manufacturing activity, there are numerous windmills, but those you will want to look at fall into two categories: wind machines that generate enough electricity to reduce utility bills, and those that can eliminate them altogether.

There's a really exciting machine in the first category called the Enertech 1500, made by Enertech of Norwich, Vt. A propeller-type windmill with three 13-foot blades, it can be installed atop an ordinary telephone pole or a galvanized steel pole. The steel pole is more expensive, but can be painted. The Enertech 1500 has a generating capacity of 1½ kilowatts, which means with winds of at

Continued on page 32

the BUTTERFLIES of the WORLD

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brilliance of the world's rare and exotic
ɛrflies in a remarkable cameo spoon
ction: twelve minted spoons in 24 karat
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he beauty of spoons in precious metals. The fascination of art in miniature. The grace and loveliness of fine porcelain. These have long n prized by collectors. Now the World life Fund will issue a collection in which e highly desirable elements are noniously combined. A collection for all share a reverence for our earth's life . . . and for all who seek to adorn their es with objects of outstanding beauty and craftsmanship. A collection created to g the glow of gold . . . the brilliant color of butterflies . . . and the charm and iance of porcelain, into a collector's rite room. Where, in a fine hardwood wall ie especially designed for its display, the ection may be enjoyed and admired anew ry day.

his is The Butterflies of the World Spoon ection. Twelve elegant spoons in gold neil—24 karat gold electroplate. Each on *minted* to achieve the finest, most precise detail, then carefully polished, and crowned, at the top of the stem, with a miniature cameo of fine porcelain. Each cameo will portray, in natural colors, a single rare and exquisite butterfly against a background of its favorite flora.

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rich-hued *Agrias sardanapalus* of the azon rain forest, decked out in velvet red l midnight blue. The Paradise dwing—*Ornithoptera paradisea*—of the v Guinea hill country, dramatic in enish-gold and yolk-yellow shadowed with ck. The radiant golden *Phoebis avellanada* Cuba. Butterflies seen in nature by only a unate few—now captured, in this official rld Wildlife Fund collection, with nine ers just as brilliant and beautiful, in iiature art of a gemlike intensity. And each terfly's name will be inscribed on the erse of the spoon's stem.

Spoons shown smaller than 5⅜" actual size.

The limits of edition

The Butterflies of the World Spoon Collection is an official limited edition issue of the World Wildlife Fund. In the tradition of special collector's spoon issues, the spoons will be produced only once, and the designs withdrawn after a limited period, following which the collection will never be made available again.

The World Wildlife Fund has assigned to The Franklin Mint the responsibility for crafting and distributing the collection. The spoons will be crafted for subscribers only, and only as a complete collection. There is a further limit of one collection per person.

Thus, the edition will be strictly limited to the number of eligible subscriptions entered during the official offering period.

Enter your subscription by March 10, 1980

The collection will be issued at the rate of one spoon a month for twelve months. The original issue price will be just $32.50 per spoon, payable monthly. The fine hardwood display rack, designed to hold all twelve spoons, will be provided to each subscriber at no additional charge.

Each spoon will be accompanied by information on the butterfly portrayed. Subscribers will also receive a Certificate of Authenticity, confirming the edition limits.

The Butterflies of the World spoons will be cherished not only by the present generation, but by those that follow. This is the first announcement of the collection. To be accepted, the Advance Subscription Form below must be returned to The Franklin Mint, Franklin Center, Pennsylvania, postmarked by March 10, 1980. After a final announcement in June, the edition will be permanently closed.

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Limit: One collection per subscriber

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Franklin Center, Pennsylvania 19091

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Bran Muffins

1¼ cups all-purpose flour
3 teaspoons baking powder
½ teaspoon salt
½ cup sugar
1¼ cups milk
1½ cups KELLOGG'S® ALL-BRAN® cereal or KELLOGG'S® BRAN BUDS® cereal
1 egg
⅓ cup shortening or vegetable oil

Stir together flour, baking powder, salt and sugar. Set aside. Stir together cereal and milk. Let stand about 2 minutes.

Add egg and shortening. Beat well. Add flour mixture, stirring only until combined. Fill 12 greased 2½-inch muffin-pan cups. Bake at 400° F. about 25 minutes or until golden brown. Serve warm. YIELD: 12 muffins.

Variations: In place of the All-Bran cereal, use 2 cups KELLOGG'S® 40% BRAN FLAKES cereal. Or use 2 cups KELLOGG'S® CRACKLIN' BRAN® cereal and decrease milk to 1 cup.

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HARNESSING THE WIND

continued from page 30

least 10 miles per hour, it can supply about half the average homeowner's electricity (not counting air conditioning or electric space heating).

Although there is a handful of small windmills on the market, the Enertech 1500 is special because it works completely in tandem with utility power. In fact, you plug it right into the nearest electrical outlet. When the wind approaches 10 miles per hour for at least 30 seconds, a motor kicks on which starts the windmill's blades turning. The motor keeps the blades spinning at a constant speed until the wind is strong enough to take over. While the windmill is generating electricity, it slows down the meter in the house, so less utility power will come through. What electricity the windmill can't supply, however, will be taken care of as usual by the utility company. The Enertech 1500 is capable, on occasion when the winds are very strong, of producing more electricity than your house can use. When that happens, says Enertech spokesmen, the dials on your utility meter will actually turn backward, and electricity will flow through the utility grid and on to someone else's house. This will happen rarely, however, and the amount of electricity will be negligible. The spokesmen also report that in New England, where most of their machines have been installed, utilities have cordially accepted the arrangement.

What would a machine like this—capable of cutting your electricity bills in half—cost? Installed, $6,000 . . . but listen to Enertech 1500 owner Bror Hansen's story about how he slashed the price tag: First he took advantage of the federal government's solar tax credit program which pertains to all Americans who buy solar or wind hardware. (From the total amount you owe in federal taxes, you can subtract 30 percent of the cost of the first $2,000 in purchased hardware and 20 percent of the next $8,000.) For Bror Hansen, that meant $1,400 less in federal taxes. And since he lives in Michigan, one of 17 states with a state tax credit program, he subtracted $1,100 more from his state tax bill. In the end, Hansen's windmill cost only $3,500. Had he lived in Kansas, where there's an even better state tax credit, the windmill would have cost him $2,800. And considering the savings in electricity, Hansen figures that his wind machine will pay for itself in about 10 years.

If you're thinking of bringing electricity to your cabin in the woods or retreat on a distant island, consider a windmill

at least seven times bigger than the Enertech 1500—about 10 kilowatts. It will cost from $13,000 to $30,000, depending on the model you buy, winds available at the site, and the amount of electricity you consume. Count on buying batteries to store power for periods of low wind (batteries can store electricity for five days), and probably a back-up system like a gas-fired generator that works independently of the windmill. Batteries and a back-up generator will hike your costs about $3,000 more, to the $13,000 minimum. Although the total system will cost more than twice the price of the Enertech 1500, it will probably be the cheapest way to bring electricity to remote locations where there are no utility lines. And experts say even if you have utility electricity available, and refuse it in favor of a windmill, the larger machines will pay for themselves in about 10 years.

Ten-kilowatt machines are capable of producing enough electricity to fill your needs and sell the excess. In 1976, the cooperative homeowners in New York City with the rooftop windmill, won an important David-and-Goliath-style victory that made the arrangement possible. With the help of a young wind specialist, Ted Finch, and the organization he works with, the Energy Task Force, the co-opers persuaded New York State to make a unique ruling: The city's homeowners had a right to generate more electricity than they could consume, and Consolidated Edison (the local utility), had to buy any excess. (Con Edison was already buying supplementary electricity from other sources.) The ruling set a precedent for windmill owners across the country.

Is a windmill for me?

If you are now imagining a windmill on your property, take note: Windmills are not for everyone.

First, you *must* have at least 10-mile-an-hour average winds at the spot where you will erect the machine. Your chances are generally good if you live along the East or West coasts, the Great Plains, or Great Lakes. If you live elsewhere, but near a lake or at the foot of a large hill, you might still be in luck.

There's a simple way to find out about wind speeds in your locale—ask your local airport or weather station. If for some reason they don't know, ask the National Weather Service in Asheville, N.C., to send you a year's worth of reports on your local wind speeds. If you learn that yours answer the minimum requirements, proceed. If your winds are better than 10 miles per hour, proceed full speed ahead: The power of a wind machine increases as the cube of the wind speed.

Your next task will be to find out what the electricity costs in your area, and for this you'll need to call the local

Continued on next page

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continued from preceding page

utility. Ask how much electricity costs a kilowatt hour. This is the measurement, like quarts, in which electricity is sold. Prices will vary across the country between 4 and 10 cents a kilowatt hour. If your electricity costs 9 cents and your wind speeds are at least 10 miles per hour, consider yourself an ideal candidate for the purchase of a wind machine. Don't be discouraged, though, if your electricity is cheaper. It won't stay that way long.

Once you've decided to go ahead with a windmill, you'll need an anemometer to measure the winds at the exact site where you plan to erect your windmill. (Wind conditions in your yard can be very different from those in your general locale, so don't neglect this step.) A hand-held anemometer goes for about $7, but avoid the temptation; it won't give you the information you need. The cheapest good anemometer costs about $150. (A windmill company can supply one.) Install it atop some pipe from the local hardware store at least 30 feet above and 300 feet away from any obstructions like houses or trees. Check your anemometer readings for at least a month—three is better. By comparing your readout and that of the local weather station or National Weather Service, you'll be able to calculate your annual wind speeds.

Before you research actual wind machines, make some inquiries about local zoning restrictions. Some cities and suburbs have ordinances against building tall structures—but often they'll waive them on an individual basis. Urban dwellers should check with city hall, and suburbanites with the town clerk. If you plan to interfere with the local utility, it must be informed, too. And be sure to speak with your neighbors. Windmills make noise—though it's usually a soft, pleasant sound—and it's wise to announce your plans before a problem could arise.

For $20, you can get a wealth of information about windmills and windmill owners. Send it to Mike Evans, editor of *Wind Power Digest* (Bristol, Ind. 46507), and he will send you a subscription to the *Digest*, a current catalogue of wind machines, with pictures and names, addresses, and telephone numbers of their manufacturers, along with a selection of past issues. Many wind enthusiasts agree that these will be your best resources. In addition, Stuart Diamond's new book, *It's In Your Power* (Rawson Associates), has a good chapter on wind that explains the terms you'll need to know, like volts, amps, watts, kilowatts, and kilowatt hours.

Shopping for a windmill

It's better to telephone the manufacturers, if your budget permits. Most wind people are friendly and fun to talk with. And it's easier to get answers to specific questions like "What's the total cost of the system including tower, accessories, and installation? How many kilowatt hours can your machine produce at my wind speeds? What mechanisms protect the blades at high speeds? What's the warranty?"

Ask the manufacturers to help you calculate the payback period for their machines at your site. The figures you'll need to work with are costs and savings. Costs include the machine and tower, sometimes batteries, maintenance over a 20-year period, and the interest on a loan if you need financing. Savings include the dollars you will save in kilowatt hours of generated electricity over a 20-year period (rate it at your local utility company's prices including the 10-percent increase each year), and your federal as well as state tax credits. From these figures, it's easy to determine when your investment will pay for itself.

Roller coaster runs by windmill power in Pennsylvania amusement park.

After comparing the payback periods for the various machines available, also the advantages of each and their physical appearance, you are ready to make a choice—and sign a contract. Be sure the document includes a specific statement about the company's responsibility for the machine's parts, overall performance, and servicing.

If you buy a small machine like the Enertech 1500, expect minimum fanfare in the installation. One person will lay the foundation which must cure for three days, then a crew of three will hoist pole and windmill in half a day. (You could do this yourself with a friend, some ropes, and cables.) For the larger machines, the concrete will cure for a month, and the crew will need two days for the rest of the installation.

From that point on, you can expect three things from your windmill: almost no trouble (it requires an annual check-up and lubrication every six months), lots of pleasure, and free electricity. ■

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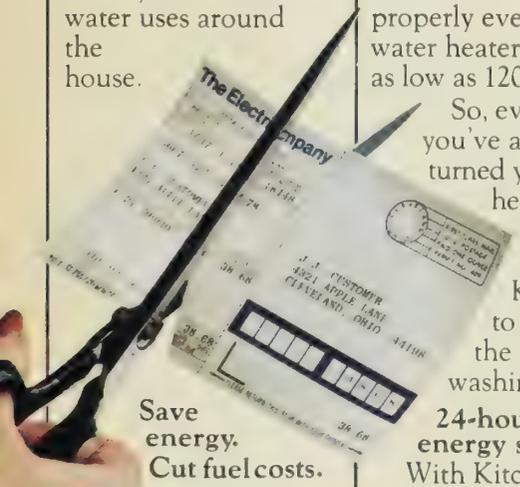

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So, even if you've already turned your water heater down, you can count on KitchenAid to give you the best dishwashing results.

24-hour-a-day energy saving.

With KitchenAid, you don't just save energy when you wash dishes, you can save it around the clock by setting your water heater at a lower temperature level.

And that's important, because your hot water heater is the second largest user of energy in your home.

Just by reducing the temperature 20° you can cut your total water heating costs by about 10%.

You get energy-saving drying, too.

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Now every complete cycle is a Sani Cycle in every model.

There's no worry about sanitizing even when your water heater is turned down. Only KitchenAid heats its own wash and rinse water to the proper temperatures in every complete cycle for sparkling clean, sanitized dishes.

New triple protection warranty.

An all new 10-year limited warranty on the porcelain tank and inner door (parts only). Plus a 5-year limited warranty on the motor (parts only). And a full one-year warranty on the complete dishwasher.

At an energy-saving 120° KitchenAid gets dishes cleaner than other dishwashers.

Test results prove it. In comparative cleaning tests, using 120° input water, results showed that KitchenAid out cleaned the other leading brands.

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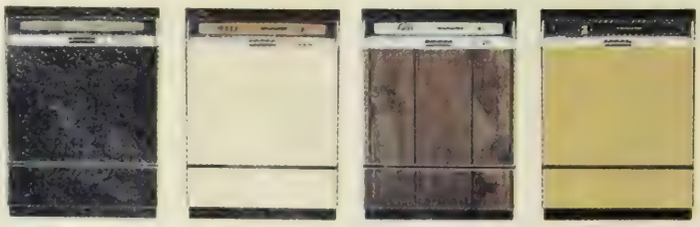

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BY DEANNE RAFFEL

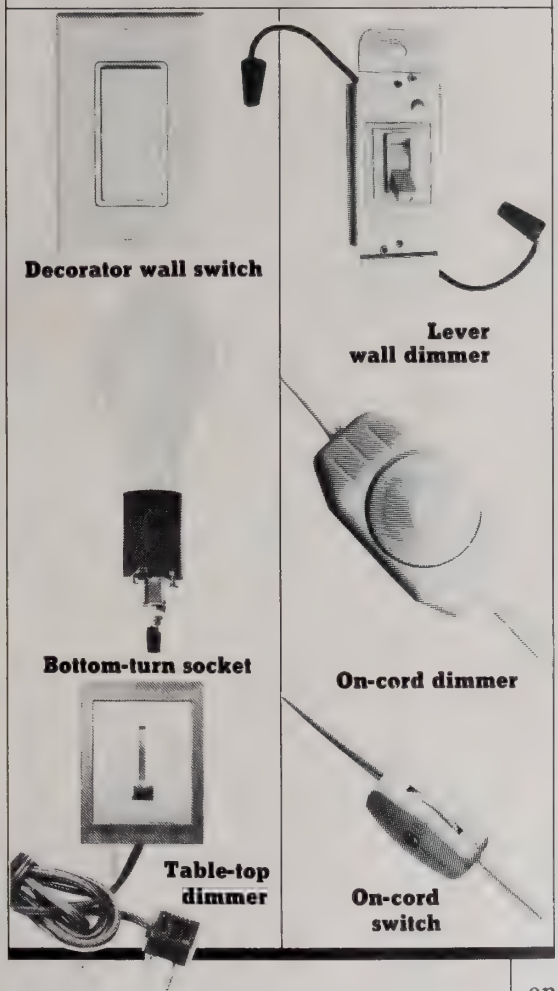
Switches, sockets, and plugs easily connected plus installing a mail chute and door viewer

Q. What are some of the different types of switches, sockets, and plugs the do-it-yourselfer can install?

A. Currently a very wide selection of household electrical equipment is being produced. Among wall switches, there's the familiar toggle switch that audibly clicks "off" and "on." The mercury switch is silent when actuated, and also on the market is a mercury switch with a lever that glows in the dark.

An attractive line of decorator wall switches and receptacles is being produced by several manufacturers. The switch has a large and almost-flush piece that gently rocks back and forth. A special wall plate designed to go with these units is included in the package.

For the do-it-yourself electrician



Dimmer switches fit into the same electrical wall boxes as do standard types. Depending on the specific dimmer, light range is usually up to 600 watts. The switch is engaged by pushing and turning a knob or, in newer models, by raising and lowering a lever not unlike a standard switch. These switches also come in versions for three-way connections (two switches controlling a single light). Fluorescent dimmers are also on the market. All dimmers are easily attached using a solderless connector.

Incandescent-bulb sockets are made from many materials. Most people are familiar with the brass sockets used in lamps. These may have a push switch or pull-chain, or a turn switch made for single-wattage or three-way bulbs. When purchasing this type, the three-way can be identified by an aluminum-colored tab at the base of the threaded area.

The bottom-turn socket is made of plastic and secured to a lamp below the switch. This is the type used in drafting lamps. Porcelain sockets can take the heat generated by a bulb in a confined space. Use them for socket replacement in lights covered by glass globes.

Porcelain sockets controlled by a pull chain are good for some installations. They can be had with a receptacle giving an additional outlet, a feature valuable in a basement or attic.

Lamp cord switches are easily wired. The small feed-through switch can be secured at any point on a cord in minutes. The cord dimmer switch, somewhat larger than the feed-through, is also easily wired. The table-top dimmer is not a permanent installation; it's attached to the plug of the lamp.

Wire no longer requires being stripped to the metal for the connection when a plug is being replaced on a lamp cord. Tiny metal teeth, under pressure, pierce the insulation to contact the wire.

The adapter plug converts a three-prong plug to a two-prong receptacle. Remove the receptacle plate screw, insert the adapter, replace the screw through the adapter tab and back through the plate, and tighten. Then insert the three-prong plug into the adapter.

Most of these parts can be purchased packaged on a card. It is important to buy the carded product, as installation instructions are included on the package. Read them carefully before removing the product from the card.

Continued on the next page

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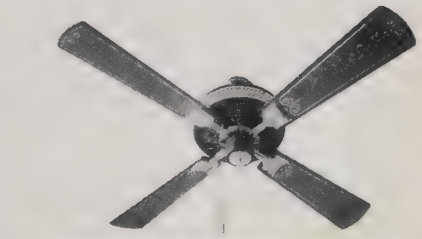

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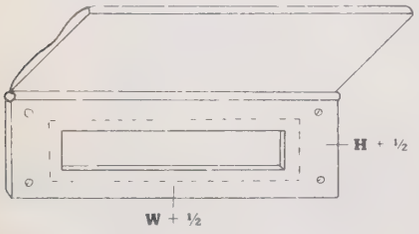
Form 5863

continued from preceding page

Q. I'd like to install a mail chute in my front door. How difficult a job is this?

A. Installing a letter plate involves a relatively simple procedure. They are generally made with 7- and 11-inch openings, the less-expensive chutes having a door that simply drops after it has been raised and the mail inserted. The door does not shut tightly against the plate and the resulting space can cause drafts in cold weather. More expensive chutes often have springs or magnets that tightly close the door against the front plate helping to make it weatherproof.



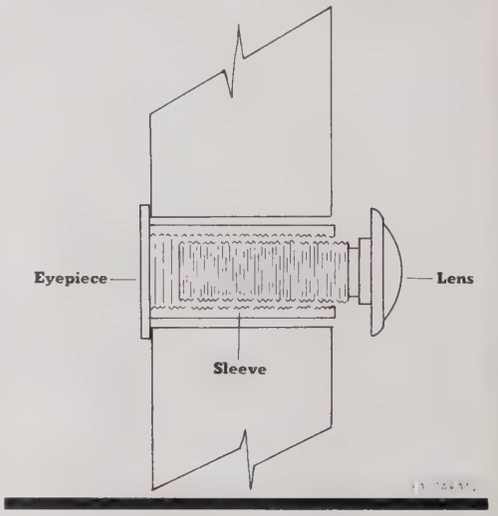
Measure the opening in the plate you have purchased and add ½ inch to both the height and width (H + ½", W + ½" in illustration). Draw a rectangle to mark these dimensions at the desired location on the door. With a ¼-inch bit, drill a hole through the door at each corner of the inscribed rectangle. Insert the blade of a saber saw in one of the holes and saw through to the next hole and on around. Do not force the saw; it will cut very slowly since the door is so thick. Hold the plate over the opening and mark the four screw locations. Drill pilot holes and secure the plate with the screws. Repeat this procedure on the inside face of the door for the attachment of the other plate.

Though possible, it is a bit difficult to work on the door when it is in place. You might want to remove it from the jamb and place it on sawhorses.

Q. How is a peephole viewer installed in a door, and what's the best type to buy?

A. A peephole viewer is a good security device since it allows you to look outside when the bell rings without having to open the door. Inexpensive viewers provide limited vision—usually you can only see someone standing directly in front of the peephole. In spite of the somewhat higher cost, it makes sense to invest in a door viewer that gives a 190-degree field of vision. With the "fish-eye" lens of this type of peephole, even small children can be plainly seen.

Install a peephole in the door so it is convenient for all adults in the house. Children will need a stool to climb upon until they are tall enough to use it comfortably. Measure the body diameter of the sleeve (not the diameter of the flanged eye-hole end) and use a bit 1/32 or 1/16 inch larger than that size to drill through the door. A spade bit is used with an electric drill, an auger bit with a brace. Both of these bits have sharp points at their ends. To avoid splintering, drill through one side of the door just until the tip of the bit begins to pierce the other side. Then withdraw the bit and insert its tip into the small hole resulting from drilling from the opposite side. Drill again—the small hole will lead the bit into place and align the cutting surfaces to make a clean hole through the door. Insert the lens side of the viewer through the front side of the door and the eyepiece (sleeve) through from the inside. Tighten the sleeve clockwise until the viewer is secured.



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BY RICHARD LANGER

Fail-safe house plants anyone can grow

A host of plants that thrive happily with little care, plus cool-loving plants for your weekend house

You'd love to have a houseful of lush green plants, but don't have time to take proper care of them? There's a solution: low-maintenance plants—greenery whose only need is a little water once or twice a week and a healthy pinching back and leaf trim twice a year. Surprisingly enough, there's plenty to choose from in this category.

Granted, you may not end up with the most exotic indoor jungle in the neighborhood, but perhaps a little too much has been made of exoticism as the popularity of house plants has increased. Getting an obscure variety of cactus to flower can be a real challenge. At the same time, it often leaves something to be desired aesthetically for a number of years until its glorious moment arrives.

Healthy plants, helpful thermometers. Left: W.E. Sloanes', by Linda T. Wolf. Right: Author Lyn Tornabene's orange.

A well-grown, lush Boston fern or pot brimming full of Swedish ivy, no matter how "common," is not something to put down. Decoratively, it is far more pleasing than a scraggly exotic.

Consider the calamondin orange, for instance. As a 2-foot tree covered with fragrant white blossoms and Ping-Pong-ball-sized oranges, it's hard to beat as a growing centerpiece, particularly in rooms with a slight touch of Oriental decoration. Yet given four or so hours of sunlight a day, the plant is as undemanding as can be. Water it well, then let the soil become rather dry before watering it again. If the leaves turn yellow, add some chelated iron to the water. Fertilize once a month while the plant is in flower. That's all there is to it.

German ivy, like aspidistra and the snake plant, *Sansevieria*, belongs to the classic cast-iron variety. These plants have been grown since the Victorian parlor days, and there are probably still some specimens from the 1800s growing and thriving in their original pots. Here

Continued on page 47

Plants for a weekend cottage

The problem with plants and weekend houses is not what first comes to mind—watering. Cactus and other succulents, for instance, will thrive with a weekly foot bath. Thirstier plants can be kept comfortable in pots with wicks or other automatic watering systems. The problem with plants and weekend houses is a matter of temperature. While we're there, it's comfortably warm enough for everyone, including the greenery. When we're not there, it doesn't matter how cool it gets at night—except for the plants, of course. They can catch their death of cold in a weekend house during spring or fall.

The solution is to grow cool-loving plants. House plants such as African violets, begonias, and even most foliage specimens are tropical in origin, which is why they thrive in our traditionally warm homes. In the days before central heating, however, the selection of house plants was quite different. What with fuel shortages and turned-down thermostats, the cool group may be making a big comeback. Whatever the case, they're usually great for the country cottage, as long as the temperature doesn't drop below the low 40s.

Surprisingly enough, the list includes a number of orchids—orchids which the average green thumber has been unable to grow or flower just because things were too warm for comfort as far as the plants were concerned. Miniature cymbidiums will do wonders in a cabin whose sun-warmed windows cozy up during the day—even when night temperatures fall into the 50s. Other orchids much hardier than their common image include the *Lycaste* and *Odontoglossum* genera. Grown in an orchid mix, they ask only for once-a-week watering and care.

Calceolaria crenatiflora is a striking plant with pouchlike flowers unique among house plants. *Calceolaria* is also unique in that florists have been selling potted specimens for years. Yet hardly anyone is able to grow them at home. First consider that they are annuals, and so one year's growth is all you'll get. But you can succeed with this flower if you keep things cool. It's a perfect weekend house plant if well watered every time you visit. Keep the plant in a corner of the window or set back on a table. Good light but little direct sunlight, as well as low temperatures, are the keys to good growth.

Cyclamen, azaleas, the late-summer-blooming *Nerines*, with their erect spikes of vividly colored lilylike flowers, primulas, and the streptocarpus, will all do well in the cool during your absence from the weekend cottage. Not only will they be there growing and greeting you on your return, but the sight of flowers in the window is often enough to deter vandals. Obviously if there are flowers, someone's around to take care of them. Only you know that's not necessarily so.

For a cool window sill: cyclamen, streptocarpus, miniature cymbidium orchids.

If you don't have at least $1,000 to spend on an Audiovox Hi-Comp autosound system, read no further.

By Robert Harris, Technical Director

There are few things in this world that can take a driver out of the traffic jam or away from a gas line, better than great music, well reproduced.

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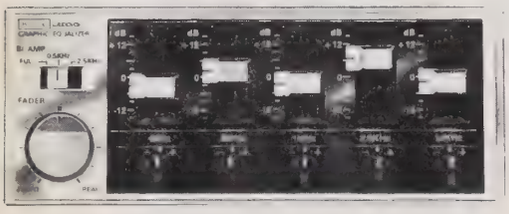

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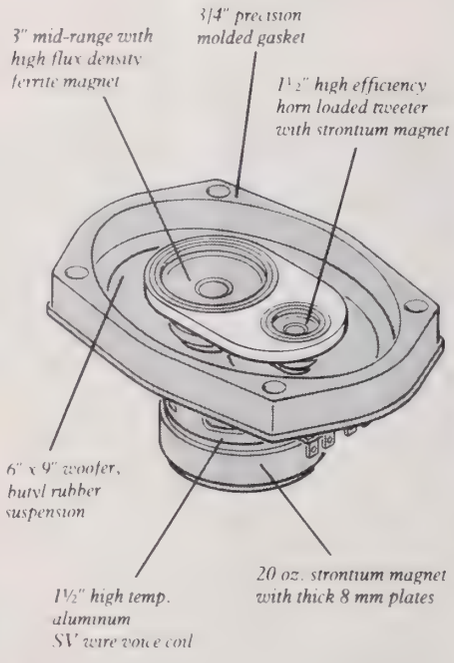
It's an electronically-tuned AM/FM multiplex receiver with a built-in auto-reverse cassette deck. The HCM-0010 has 12-station memory, LED display, built-in quartz clock and an automatic station seek. It also features a CrO_2 switch, Dolby®, FM muting, 4-way stereo balance controls, separate bass and treble controls and a Hard Permalloy tape head. Its looks are straight out of a stereo buff's music room.



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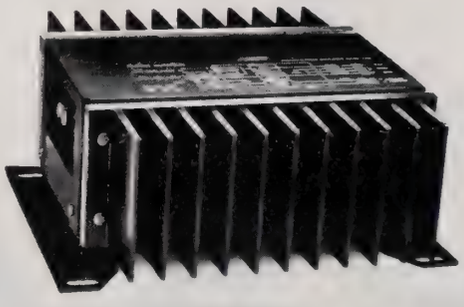

HCB-830 HiComp 120 watt 4-channel power amplifier

Now for the equalizer.

Apart from a heavy-duty fader control or a dual slide-bar pre-amp, the only other Audiovox Hi-Comp component you might buy is the HCE-750 semi-parametric graphic equalizer with 5 slide-bar response controls and bi-amp capability.

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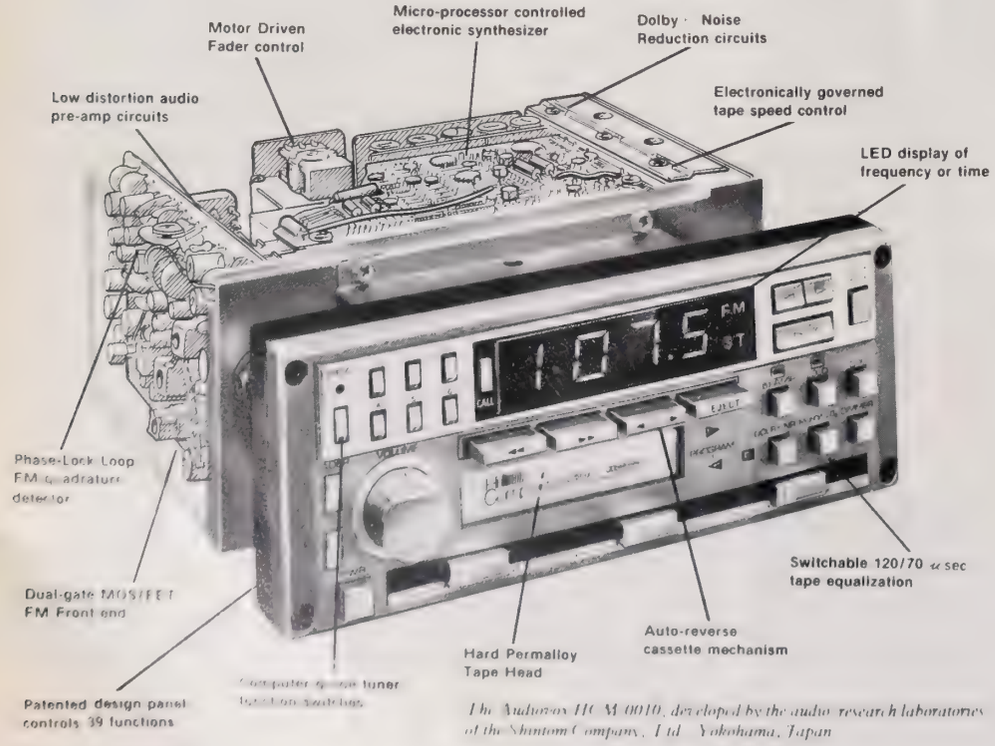
For further information, write to: Robert Harris, Technical Director, Dept. HG , Audiovox, 150 Marcus Blvd. Hauppauge, New York 11787.



The Audiovox HCM-0010, developed by the audio research laboratories of the Shintom Company, Ltd., Yokohama, Japan

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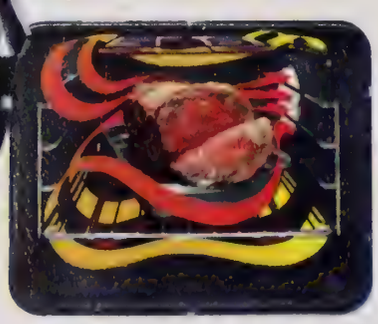
Below the Grill-Range, the Jenn-Air has a conventional electric oven. Just flip a switch for a convection oven that cooks quicker and at lower temperatures in a swirl of hot, fresh air.



For a Jenn-Air dealer near you, see the Yellow Pages, call toll free 800-428-4560, or write Jenn-Air Corporation, 3035 Shadeland Ave., Indianapolis, Ind. 46226.

The Jenn-Air Grill-Range.

The range that breathes.

continued from page 43

are indestructible, low-maintenance plants if there ever were any. Some water whenever the soil seems dry, a corner with a reasonable amount of light, and a smile every now and then are all they require. If you really want to spoil these plants—and get great-looking specimens—fertilize once a month in April, May, and June.

Something more unusual in the line of easy-to-care-for plants is the *Beaucarnea recurvata*, or ponytail plant. It grows on trunks swollen at the base for water storage to enable the plant to survive droughts. The brown-gray wrinkly-skinned plant is surmounted by a dense rosette of narrow, thin concave leaves. Related to yuccas, it can go for a year in the wild without water. Indoors, it wouldn't dream of doing so. Nevertheless, it is one of the most durable house plants, and if not always readily available, it is easily (though not quickly) grown from seeds. But the best bet is to get as large a specimen as you can. It's a very slow grower.

Although it needs fairly good light, *Cissus antarctica*, or kangaroo ivy, has one quality that should endear it to anyone who has problems putting air conditioning and plants together in the same room. Its name aside, even the reversal of temperatures in an office kept cool during summer days and left to warm up at night does not seem to affect it. It forms a slow-climbing vine that may be staked or allowed to hang. Attractive in hanging baskets, it bears sturdy bright green leaves up to 6 inches long.

The lately acquired name "false aralia" must be giving the airy treelike *Dizygotheca elegantissima* an identity crisis, since it really does belong to the Araliaceae, the aralias. (But identity crises should be nothing new for it; its home, the Melanesian-populated New Hebrides, is ruled—jointly or disjointedly—as a condominium by the British and French.) *Dizygotheca elegantissima* grows to 25 feet in the wilds, but will remain a much more manageable 3 to 6 feet indoors. The narrow-fingered coppery-red leaves, on thin, almost quaking stems, provide interesting contrast against the rich green of most of the other foliage plants. The lower leaves will be lost eventually—or almost instantly if exposed to a cold draft. It propagates best from seed.

A dainty, lacy tree from Australia, *Grevillea robusta*, or silky oak, looks almost like a tree fern. Particularly reminiscent of one are the new shoots, covered with a silvery white down that gives the leaves a gray, rather than green, color. The plant likes sun and fresh air, but is generally very easy to please.

Pandanus Veitchii, the screw pine, grows in a large crown of leathery, finely serrated leaves. Stilt roots that grow above the soil develop with age, helping to anchor and prop up the plant, so be sure to give it a fairly large pot. In order to maintain the creamy white bands that typify the leaf of the variegated version, the soil must be heavily watered. Should you forget its watering, the plant will change its appearance drastically, sending out only green growth. However, it will continue to grow well even after it loses its stripes.

Pittosporum Tobira is a tough evergreen whose densely branching form will accent any room. It grows well in anything from full sun to the shade. The creamy white flower clusters that bud on the branch tips in spring, however, will only develop with sun. They fill your room with orange-blossom fragrance. Pittosporums are slow growers, very slow with low light intensities.

Then there's the whole succulent family. Given good light, these plants can be left to fend for themselves even during a 2- or 3-week vacation. Just douse them before departing, and they'll be growing to greet you on your return, thirsty but no worse for their neglect except, perhaps, for a few lost leaves. Additionally, like cacti, they rarely need repotting. We have a rather large-specimen *Crassula argentea*, or jade tree, that's been going on about its own business in the same pot for four years now. Soon it should be repotted, though as things are going, this is likely to be in the summer of 1983, at which point I may well end up putting it off for a year or two. In the same group there are the sedums, the echeverias, aloes, and sempervivums. All are slow growers, but so tolerant, easy to care for, and pest-free. Once-a-week watering is about all it takes for these carefree growers to add a little life to your home.

Share your birthday with a plant

Even the toughest plants can do with a little TLC—say once a year. Make it your birthday, Valentine's Day, or any other easy-to-remember holiday.

First pinch off any dead or damaged leaves. Next, take the plant into the bathroom, stick it in the tub, and give it a tepid shower to really wash the leaves off well.

Now loosen the soil at the top of the pot gently with a fork. Just aerate it a bit, being careful not to dig up the roots. Mix in some time-release fertilizer to pep things up. Then put the plant back where it belongs and let it grow for another year. ■

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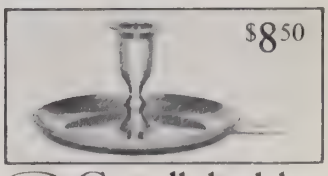

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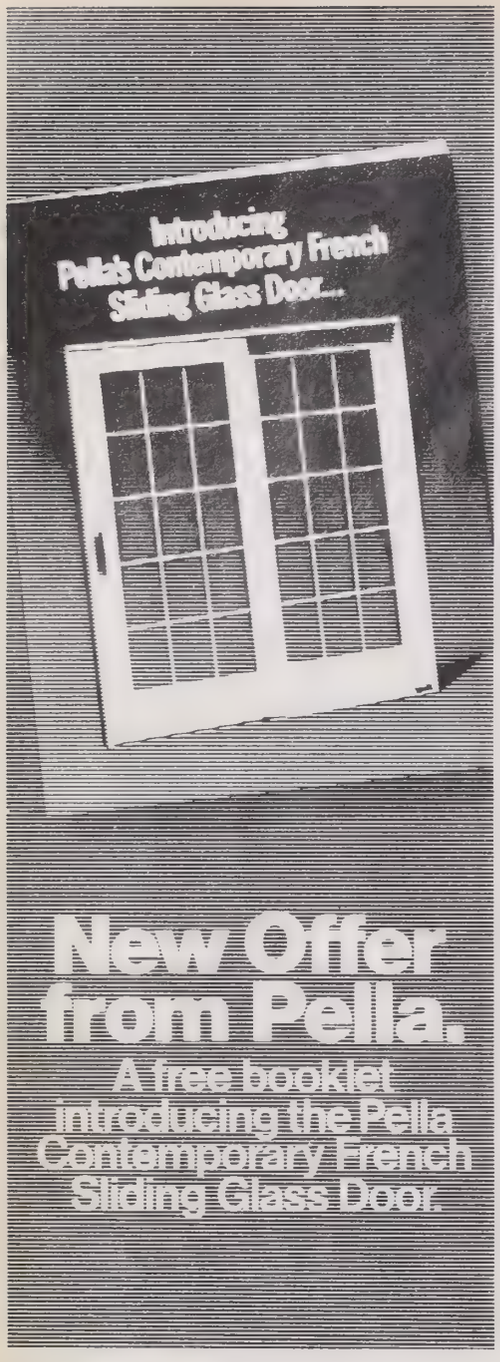

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BY PAUL GROSS

Buy a house now—there are many ways to get financing

Plus how you can make a substantial profit from a student loan, choosing the right tax shelter, and pay now, fly later

Houses are still one of the best investments you are likely to make. While tight mortgage money may slow the rise in housing prices temporarily, view this as a buying opportunity.

First consider the economic fundamentals behind the skyrocketing prices of single-family homes. The demand for houses is still extremely strong, because the children of the postwar baby boom are now settling down and forming families of their own. And that demand is likely to stay quite strong for some time. The postwar babies are waiting longer and longer to marry and have children, which is stretching the demand for homes. The break-up of marriages is also adding to the demand for housing. In the past, when a couple broke up, the wife usually kept the house and the husband moved into an apartment. Now ex-husbands are buying houses of their own.

Apartments are becoming harder to find

On the supply side of the equation, there are very few apartments for people to move into. Few apartment houses are being built because of the spreading threat of rent controls. When rent controls limit the economic return a landlord can make on his investment in a building, he might shift to alternatives such as office buildings or shopping centers. In fact, many landlords are reacting to rent controls by converting apartment buildings into condominiums or cooperatives, thus reducing the supply of available apartments even further.

Finally, housing prices have benefited from Washington's generosity, as very few investments ever have. Put simply, Washington has encouraged home ownership by making houses easier to buy and more profitable to own. For one thing, the Equal Credit Opportunity Act opened the mortgage window to a lot of people who had been shut out. By making lending institutions take a wife's salary into account, there are people who previously would not have qualified for a mortgage and who suddenly find that they can now buy a house.

What's more, tax laws favor home ownership. Interest is deductible, which eases some of the burden of carrying an expensive house. And when it comes time to sell, the first $100,000 of gain is tax-free. The rest of the gain can be rolled over almost indefinitely.

And there's very little danger that the government will stop its support of home ownership. According to recent political surveys, it has been found that homeowners vote more regularly and in greater numbers than renters. You can bet that our elected officials take that into account.

The best way to finance a house purchase when money is tight

With mortgage money now very expensive as well as hard to find, financing has become the key to getting a good price on a house—whether you are buying or selling. If you are buying a house and can come up with the money needed, you should be able to bargain the seller into giving you a hefty discount on the price. On the other hand, if you are selling your house, you may have to take some extra measures to get the kind of price you want.

Start by using every bit of leverage you have, either with your bank or insurance company. If you have been a big and steady customer of a bank, for instance, you stand a far better chance of getting a mortgage than most other people. So, if you are thinking of selling

Continued on page 52

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HAPPY HOUSEKEEPER

BY MARY ELIZABETH FALTER

Inventive ways to make your everyday tasks easier, plus other quick tips

Small plants and colorful succulents can be potted and arranged in a pretty, low bowl for winter decoration. It's possible to **pot small plants so they are almost completely self-sufficient**. Buy the plants and carefully remove plant and ball from the pot in one clump. Then slide it into a small, sturdy plastic bag *intact*. Pick a bag that's neither too big nor too small and add some water, but don't let it get too wet. Then gather the bag up around the plant at its base and fasten securely with a Twist-em or pipe cleaner. Arrange the plants so the foliage hides the bags. They will need very little care, as they will maintain their own moisture.

Silverkins, the **quick-polishing disposable silver cleaners**, are indispensable if you love your silver and keep it out. Each sheet has a white side for cleaning and a pink side for polishing. They work in seconds to bring up the silver to a bright shine and they are reusable. (It's a good idea to wash tableware after using the cleaner.) Silverkins are best for keeping your silver up once it has been thoroughly cleaned and polished the traditional way.

American Express has published a **directory of certified doctors abroad**, a valuable asset to any traveler, particularly one with a specific medical problem. The book is a compact paperback and comes with a pocket-size notebook for your personal medical history. Ask about it at your local American Express office—"don't leave home without it."

Deviled hamburgers are quick and easy to make and seem just right for lunch or supper on a cold day. Slice two pieces of crusty French or Italian bread per serving and toast them on *one* side under the broiler. Remove, butter generously on the untoasted side, and spread with Dijon mustard. Next, add a layer of thinly sliced kosher dill pickles and top with about half an inch of lean ground beef. Sprinkle with your favorite seasoning and broil until brown but not dry. Be careful to bring the meat out to the very edge of the crust, as the meat will shrink back and the crust will scorch too much—though it should a little. Serve with watercress on the side and beer.

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The first-aid paint for problem ceilings. Healer-Kote is the ideal cure for minor cracks, peeling scars, and other minor defects. This heavily-bodied cosmetic latex flat finish applies at 2-3 times the thickness of ordinary paints and flows into and smooths overhead eyesores. One coat covers to a smooth finish unlike dirt-collecting texture and sand paints. Look for it now at finer paint dealers. (Also ask about Ceiling Magic™ Energy Saver and 5-Year White paints.) Write for free literature.

Ceiling Magic™ Healer-Kote

Ceiling Magic™ Div., 183 Lorraine Street, Dept. B, Brooklyn, NY 11231

continued from page 48

your house sometime in the future, consider refinancing your mortgage now. That will help you nail down any mortgage money that's still available. Then, when you find a buyer for your house, the bank will probably rewrite the mortgage for him since no new mortgage money will be needed. Chances are that the bank will be happy to rewrite your mortgage if it can. Many banks are actively trying to convert older mortgages into ones written at a higher interest rate.

When you refinance your mortgage, however, make sure that it has a prepayment clause. That will let you sell the house at any time without being liable for a prepayment penalty. And if worst comes to worst and, for some reason, you can't sell your house, the prepayment clause will also let you refinance your mortgage again when interest rates fall. That's an important point to keep in mind. Refinancing your mortgage now will mean paying a higher interest rate—which, in turn, will boost your monthly payments.

If your company is about to relocate, take full advantage of any financing arrangements it offers its employees. Companies often help employees relocate by offering them generous mortgages. Some companies will even buy your present house if you are having trouble selling it. And even if the relocation is a couple of years away, you may still be able to get your company to help you relocate early.

If you own a lot of insurance—either personally or on your business—consider asking your insurance company if it can help finance a home purchase for you. Many insurance companies will help you out if they value your business enough.

Alternatively, you might be able to buy or sell, subject to the mortgage—if the mortgage will permit that. When a house is sold subject to the mortgage, the buyer writes out a check to the seller for the monthly payments on the existing mortgage. The seller then writes out a check of his own to the bank. Note, however, that this gambit will only work if it is permitted by the mortgage. If it isn't, and the bank finds out that the house has been sold, the entire mortgage may come due in one fell swoop. Should that happen, the person holding the mortgage will have to come up with enough money to cover the outstanding balance.

If lending institutions can't help you out, consider working things out among yourselves with a so-called purchase-money mortgage. With a purchase-money, the seller, in effect, takes the place of the bank. The buyer puts down a large down payment, and then pays the balance off in monthly installments. Gener-

continued on page 54

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continued from page 52

ally, the monthly payments are geared to the payment schedule of a 20- or 30-year mortgage. The difference is that the seller reserves the right to "call" the balance of the mortgage after 5 or 10 years. When the mortgage is called, the buyer has to come up with the balance owed on it. That shouldn't be much of a problem. By the time the purchase-money mortgage is scheduled to be called, regular mortgages should once again be available. Hence, the buyer should be able to get a bank to finance the rest of the payment with a conventional mortgage.

If you don't need a down payment, consider a contract sale, which is somewhat like a purchase-money mortgage. The difference between the two is that there is usually no down payment required in a contract sale. Moreover, the seller usually retains the title to the house, while the buyer assumes all its obligations—including heat, taxes, and maintenance expenses. If the buyer defaults on any of the installments, you get the house back. As you might have expected, the monthly installments for principal and interest are usually much higher than what they would be with a regular mortgage. When 20 to 30 percent of the principal has been paid, the buyer can arrange for a traditional mortgage and pay you the balance that's due on the contract sale. Or, you can keep the contract going until the house is paid for in installments.

Finally, if all else fails, consider renting your house to someone until the mortgage situation eases. Note that this involves some risk, because tenants may damage your property. Screen prospective tenants carefully. In addition, ask for at least two months' rent in advance as well as security—say $2,000 or $3,000—to cover possible damages. You would also be wise to have a clause in the rental agreement that will let you cancel the lease on 3-months' notice if you find a buyer for the house.

How to decide on the right tax shelter

Tax shelter sales are booming, thanks to inflation and the graduated tax rate. As incomes rise to meet the cost of living, people are thrown into ever-higher tax brackets, and sooner or later investing in a tax shelter looks more and more attractive.

The problem is that tax shelters are probably the most illiquid as well as the most complex type of investment around. Unlike stocks and bonds, an interest in a tax shelter is fairly difficult to dispose of. And while tax shelters promise a lot of tax savings, those deductions may later be recaptured as unearned income. When that happens, you will be liable for a load of taxes—possibly at a time when you are least prepared for it. Moreover, the IRS is still clamping down on tax shelter investments designed to reduce taxes rather than make money. So a tax shelter investment can also subject you to an audit.

Consequently, personal financial advisers think you would be wise to research the field carefully before investing in a tax shelter. Here are two good reference works: *Tax Shelters: A Complete Guide* by Robert and Carol Tannenhauser (Harmony Books, $10.95, at bookstores), and *The Gambit Guide to Tax Shelter Investments,* based on interviews with leading tax shelter authorities around the country ($6.95 from Gambit, P.O. Box 378, Planetarium Station, New York, N.Y. 10024).

A loan from which you can make a profit

If any of your children are in college, you would be wise to have them take out a federally guaranteed student loan. The loans, which are available to all students, give you what amounts to a once-in-a-lifetime opportunity to invest with 100-percent margin.

Here's how the deal works: Your child uses the proceeds of the loan to pay for some college costs. Money that would have come out of your pocket for those expenses will hence be free for investments. Later, when the loan comes due, you can pay back the loan for your child.

This gambit works because the terms of a federally guaranteed student loan are incredibly generous. Any student, regardless of how wealthy his parents may be, can borrow as much as $2,500 a year—up to a limit of $7,500 for undergraduate studies. A graduate student can borrow up to $5,000 a year—also up to a limit of $7,500. The interest on the loan is just 7 percent. By contrast, the prime rate (which is the rate banks charge their biggest and best customers) is now over 14 percent. What's more, the government will pay the interest on the loan until your child is ready to start paying it off. And the student doesn't have to start paying off the loan until 9 or 12 months after graduating. Repayment can be delayed another 3 years if your child serves in the armed forces, VISTA, or the Peace Corps.

Consider the economic benefits of what amounts to a loan that's temporarily interest-free. You can use money, which would ordinarily have been used for college expenses, for investments. However, even if you don't, the deal still makes sense. Because of inflation, dollars borrowed now are worth far more than the dollars the loan will be paid back with. For example, if inflation over the next six years averages out to an 8-percent rate, a dollar borrowed now will be paid back six years from now with dollars worth only 46 cents or so.

The deal makes the best sense for peo-

Continued on page 59

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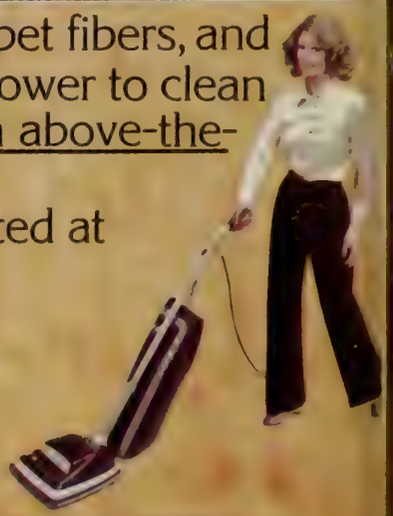

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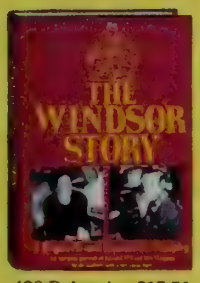
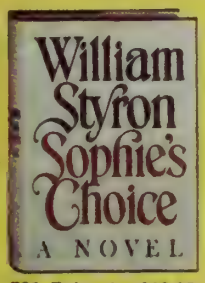
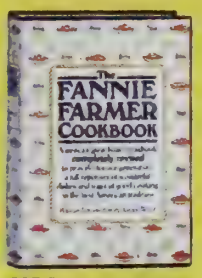


428 Pub price $17.50

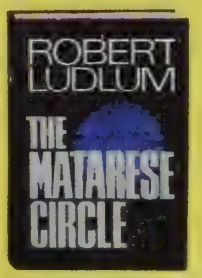


791 Pub price $12.95

108 Pub price $9.95



287 Pub price $12.95



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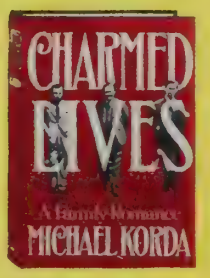
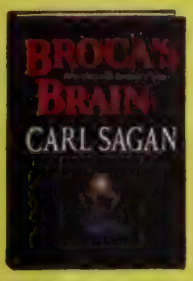


049 Pub price $15

738 Pub price $17.95



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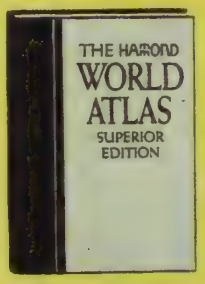

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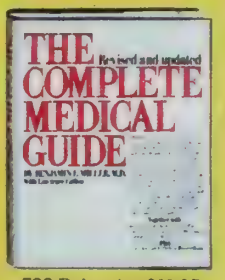
553 Pub price $11.95



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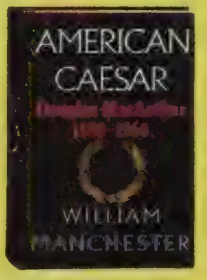

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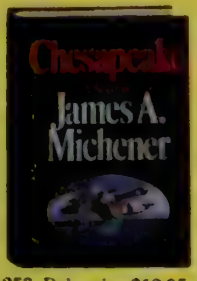

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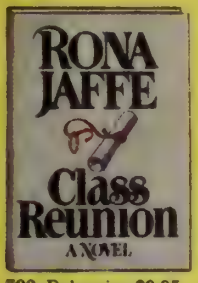

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050 Pub price $11.95

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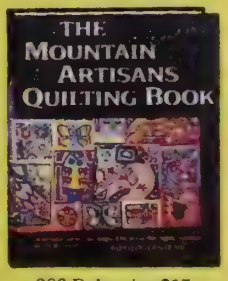

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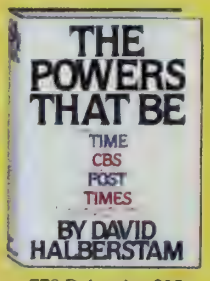

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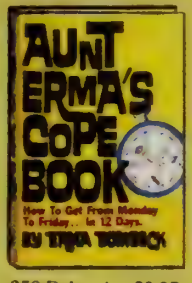
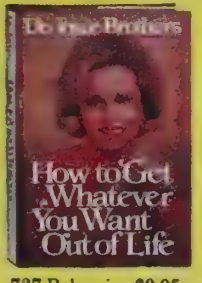


358 Pub price $8.95

048 Pub price $10.95

058 Pub price $9.95



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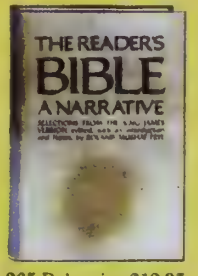

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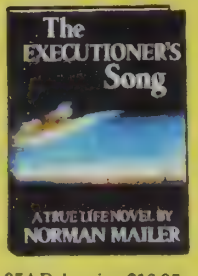

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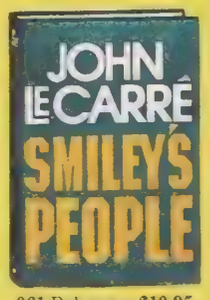

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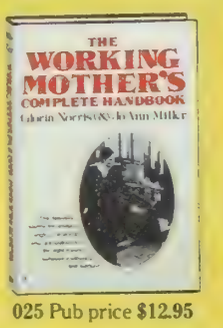

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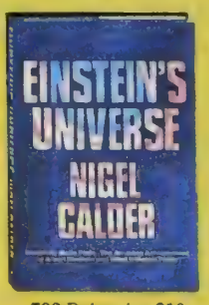

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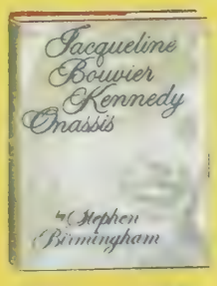

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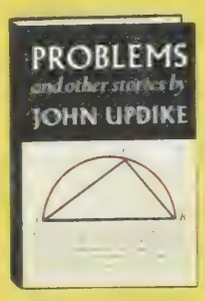

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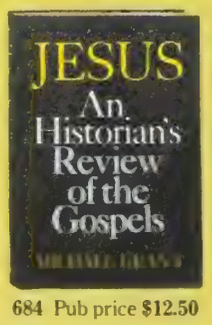
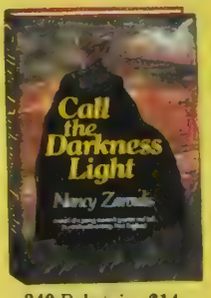


684 Pub price $12.50

016 Pub price $10.95



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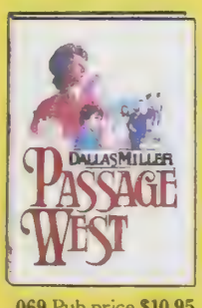
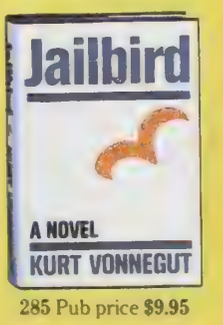
156 Pub price $12.95



069 Pub price $10.95

114 Pub price $12.50



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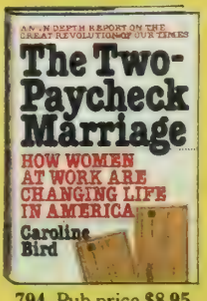

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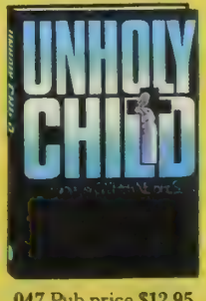
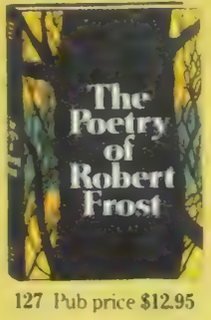


047 Pub price $12.95



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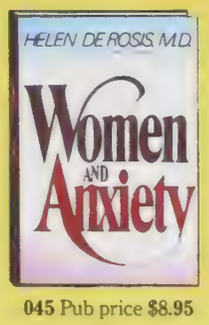

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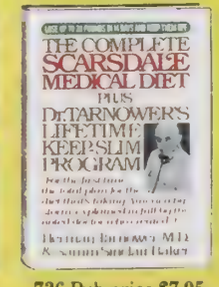
648 Pub price $18.95



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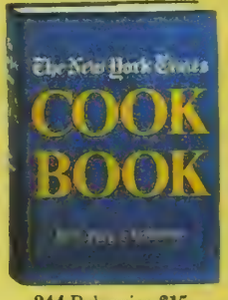

244 Pub price $15

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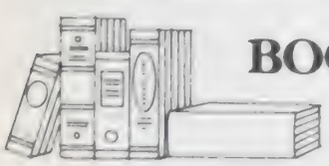

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continued from page 54

ple who have the discipline to use the money they've freed through the loan for constructive investments. Let's assume, for example, that your daughter borrows $7,500 to help pay some of her undergraduate expenses, and another $7,500 for graduate work. For the sake of simplicity, assume that she borrows $2,500 a year in her last 3 years of college, $5,000 in her first year of her graduate program, and $2,500 in her second. That's a total of $15,000 over 5 years.

If you invest an amount equal to the money your child borrows, you stand to make a tidy profit. Most investment advisers think your best course is a safe investment rather than a speculative one. The idea is to make some money on other people's money, while preserving the principal so you can help your child repay the loan. So, let's assume you put the money into a municipal bond that yields an average of 5 percent tax-free interest over the years. (Most of these funds actually carry a higher yield now. However, I chose a conservative yield to show just how well this all works out.) Please note that if interest rates and hence bond yields rise, the value of the bonds in the fund will fall (bond prices and yields move in opposite directions). And if yields fall, bond prices will rise. Here's how you would make out:

Year	Amount invested	Annual return	Cumulative return
1	$2,500	$125	$ 125
2	2,500	125	375
3	2,500	125	625
4	5,000	250	1,375
5	2,500	125	2,125
6	——	—	2,875

That's a $2,875 tax-free return on money you wouldn't otherwise have had. (If you were in the 50-percent tax bracket, that's equal to $5,750.) In effect, it's all a gift because it hasn't cost you or your child a cent so far. While you are paying for it in taxes, you would be paying for it whether or not you took advantage of the student loan.

Interest on the loan starts accruing on the first day of the tenth month after your child graduates. That's also when your child has to start repaying the loan. If you wanted to, you could close out the bond-fund investment and give your child $15,000 to pay off the loan. If the loan is paid off before the clock on interest starts, you will have had a 6-year interest-free loan of $15,000. If you do that, however, you will be liable for gift taxes on the amount you give your child.

Your best bet is to give your child the money to pay off the loan as the monthly payments on it come due. That way you can use your annual gift tax exclusion to shield the gift from taxes. You can give a person up to $3,000 a year ($6,000 if the gift is made with your spouse) tax-free. And since your child has 10 years in which to pay off the loan, the monthly payments will come to just $174.17—which amounts to $2,090.04 a year. So, all of the payments you help your child make can be sheltered from gift taxes. Moreover, helping your child make those payments should be relatively painless, since you can use the income from your bond fund investment as well as part of the principal to meet payments.

Buy now, fly later

With air fares starting to soar, you should consider picking up tickets *now* for any intended flights—before fares rise more. Once you've paid for your ticket, you have effectively locked in its price. Moreover, it doesn't take very much prior planning—all you have to know is your destination. You can change departure and return times. And if your plans change completely, the airline will refund the price of your ticket. The amount you save depends on how fast and how much the fares rise. But, for an example, consider a 5 percent increase, which has been fairly standard so far. Assume that you'll need four tickets to the West Coast and back. That might cost $2,100 now and $2,205 with the 5-percent hike. So you've saved $105. And if you pay by credit card, you can get up to 2 months' interest-free money. ■

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Austria-in-Vermont, unspoiled St. John, overnight in the 18th century, more

Rural winter charm at the Trapp Family lodge

BY DEE HARDIE

Stowe, Vermont, is as New England as maple sugar, but ten minutes away in the Green Mountains is a pocket of Austria complete with Bavarian cream and chocolate tortes served by young girls in dirndls. It's the Trapp Family Lodge. We spent a weekend there last February and left feeling healthier, happier, and determined to return.

You won't be the only ones who think you are in Austria without a passport. That's exactly how the Trapp family felt when they first saw Vermont while resting from a strenuous singing tour. They bought a large farm in 1941 which became their home and is now the nucleus of the lodge, surrounded by 1700 acres of Vermont countryside.

Rather than drive, we took the overnight Montreal Amtrak which was direct and an adventure. Along with the other winter people in their knitted caps pulled low, carrying babies and backpacks, we waited in New York's Penn Station for the night train. Once we climbed into our tidy berths I knew we were on the right track. The next morning we awoke to the crisp air and sparkling snow of Vermont.

Hardie on steps of Family Lodge.

Montpelier, the state capital, was breakfast of blueberry pancakes and meeting our son Todd at the station. Proud of his new state, he took us to the Vermont Museum, an old hotel with a double veranda. It was a wonderful introduction to this rural world, fun to read a diary of a young boy of 1829—"Staid out of school and helped the Folks make sausage. We had some sugar on snow."

Since we weren't due to arrive at the lodge until afternoon, we took a slight detour to the west to visit Waitsfield, a charming, compact recycled village alive with crafts. For example, the Odd Fel-

Continued on next page

Bed and breakfast in quaint 18th-century Williamsburg

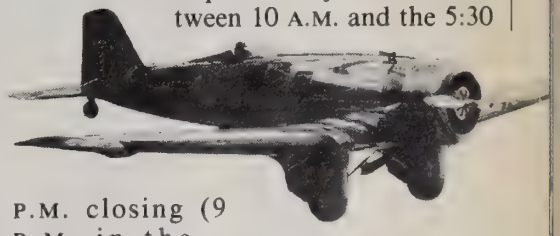
In Colonial Williamsburg there are 21 historic buildings, restored as guesthouses and operated by the Williamsburg Inn, where you can visit the 18th century and sleep in it as well. The buildings range from once-private houses and taverns to small kitchens and laundries which in the 1700s were built separately from the main houses, and

The Market Square Tavern: one of several 18th-century places to stay.

now restored as hotel rooms. Choose from rooms in the Market Square Tavern where Thomas Jefferson stayed when a student; the Quarter, a cozy cottage with a fireplace; or the Orlando Jones House, large enough for a special family gathering. You can eat at taverns like Chowning's, where the specialties are Brunswick Stew and pecan waffles, and every night at 9 P.M. guests play table games and listen to balladeers. Winter reservations are the easiest to obtain. In February and March sign up for day-long seminars with classes in the morning, walking tours in the afternoon. Topics include: "Introduction to English & American Decorative Arts," "Colonial Architecture," "Garden Design and Horticulture," and "Plantation Life" (this one held at Carter's Grove, an 18th-century Georgian mansion 15 minutes away on a special bus). Arrange everything through the Reservations Manager, P.O. Drawer B, Williamsburg, Va. 23185. Call 1-800-446-8956; in Virginia, 1-800-582-8976.

Washington daytrip for the whole family

Where to spend a super day in Washington: the National Air and Space Museum. Scorched space capsules greet you at the door. Dangling from the ceiling like a mobile over a baby's crib: the Spirit of St. Louis, the Wright Brothers' Flyer, bug-like satellites, a DC-3 from the 30s, and the supersonic X-15. Take an hour-long tour that explains them all—they're free and start at 10:15 A.M. and 1 P.M. at the red desk to the side of the huge, glass-walled main gallery. Afterwards, explore 24 other galleries with hot-air balloons, a film on stunt flying, a moon-walk scene, space suits, helicopters and aircraft used on famous first flights. A new gallery opening later this month recreates a 1913 air show and adds even more historic planes to the museum's collection. Also this month: a new multi-media show at the Albert Einstein Spacearium that offers a look at black holes and other space phenomena. Buy 50¢ tickets to two films—"To Fly" and "Living Planet"—early in the day, as they sell out quickly. Both were made using IMAX, a new 70mm film system. Projected on a huge screen, the images engulf you. You experience the sensation of flying—and also slight nausea. Walk inside a Skylab and try out a flight simulator. Hear of less-famous exploits like that of a 16th-century Chinese official who attached 47 black powder rockets to his chair—and disappeared in a cloud of smoke. A model of Star Trek's U.S.S. Enterprise is also there. Plan to spend every moment between 10 A.M. and the 5:30



Historic airplanes hang from museum ceiling.

P.M. closing (9 P.M. in the summer). Save time and eat in the museum's cafeteria; you can sample some space food—freeze-dried ice cream.

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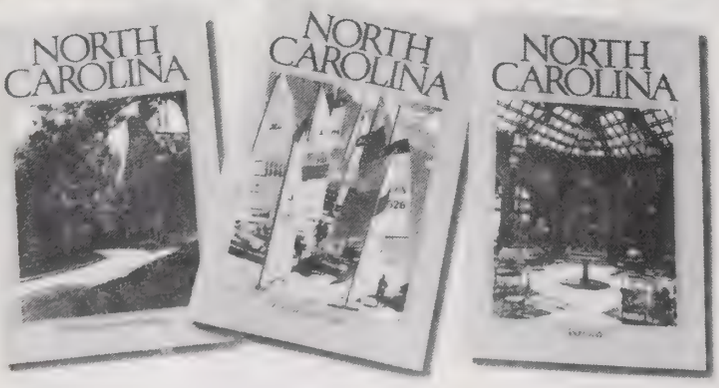

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GOING PLACES

continued from preceding page

lows Hall is filled with carved wooden toys, the Old Church ablaze with quilts. And Small Houses, Ltd. makes meticulous replicas of historic houses—or yours. Then on north to Stowe.

Once at the Trapp Family Lodge, you feel as if you're in someone's house, and you are. You read in the library where the Trapps read, you sit in the living room where they practiced their music, you look at photographs, including one of Mary Martin who played the Baroness in the Broadway musical *The Sound of Music,* and in the dining room is a portrait of Baron von Trapp in naval uniform. Fires are burning even in the morning, plants and flowers flourish indoors all winter. We were thrilled to discover we were sleeping in a son's bedroom.

It's like a small village in itself. And although you can go to nearby Stowe and find anything from quiet inns to frantic disco, we only crossed the border once. Everything, for us, was here. A horse-driven sleigh goes between the lodge and the coffee house, you can walk easily to the Ski Touring Center, or simply sit by the fire to read.

We immediately plunged into cross-country skiing for the first time, and only wish we had started it earlier with the whole family. The touring center, conceived by Johannes von Trapp, manager of the lodge and the youngest of the ten children, is one of the earliest and best in New England. There are 65 miles of track beginning at the touring center and running over 1,500 acres of family land and over an adjoining 5,500 acres.

Although it was 12 below zero and our car wouldn't start, start we did every morning with rented skis and an instructor. Exhilarated by our morning exercise and sun, we skied daily to the coffee house for lunch where young girls in snug blue dirndls and pink aprons served us Austrian specialties, including glorious desserts. There are 11 on the menu, most of them made with rich chocolate. And what we didn't sample at lunch, we made sure to taste at dinner in the lodge. Sachertorte, Punschtorte, and for a change, Apfelstrudel. Here too is a gift shop where Austrian and local crafts are for sale as are Maria von Trapp's books and music.

Filled with chocolate energy we skied in the afternoon, had time for a nap, and before dinner a drink in the Tirolerstueberl Bar in the lower lounge where we served ourselves from a huge round of Vermont cheese. We went to Austria again for dinner with Wiener schnitzel mit preisselbeeren (veal cutlet with cranberries) and marvelous spatzle (dumplings).

Getting there:

If you want to take the train to Vermont as the Hardies did, consider Amtrak's

Continued on page 64

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continued from page 62

five-night train-and-hotel plan with the Trapp Family Lodge. For a standard room, group cross-country lessons, and free access to the cross-country trails, breakfast and dinner daily, transportation from Waterbury to the lodge (the train stops both at Montpelier and Waterbury) and roundtrip train fare from New York: $197.55 per person, double occupancy. For a better room: $242.55. Double rooms range from $56-$102 without a "package" plan. For more information, call your local toll-free number for Amtrak and ask for the tour desk, or call the Trapp Family Lodge, Stowe, Vt. 05671: 802-253-8511.

Cross-country skiing at the Trapp Family Lodge costs $2 a person a day and you can also rent equipment. If you get hooked: A good pair of cross-country skis costs from $60 to $100 (compared to $225 for a decent pair of downhill skis). Just starting, you should buy a ski "package": skis, boots, bindings, poles, mounting. Most sports and ski stores offer them. (A package with TRAK skis sells for around $130. For a child, $99.) Let someone there explain the differences between "waxable" and "waxless" skis—it seems to boil down to personal preference. How to dress? Layers of loose-fitting winter clothes. ■

Island diary: St. John –where to go for sun, beach, peace

BY CLAIRE SCHOEN

One of my dream jobs has always been to be a location scout for a film company. First assignment: to find the perfect Caribbean beach. I'd need about three months (January, February, March) to find it. Or so I'd say. In fact, I've already found such a beach on the island of St. John in the U.S. Virgin Islands.

St. John's attraction is that it is remote and relatively unspoiled. The beaches are pure white, the water is sparkling clear and 75°, and it's all protected by the fact that ¾ of this 21-square mile island is a National Park.

I have been to the island a dozen times since I was 12, on family vacations. In the past decade there has been some development. Centerline Road is now almost completely paved, and there are many new stores in town, including a small shopping center. But the St. John I know hasn't been completely affected. Every so often the electricity still goes out; cars drive on the left, and the steel bands have held out against disco.

Caneel Bay, one of Laurance Rockefeller's first Rockresorts, is the only deluxe hotel on the island. But it prides itself on its "understated elegance" and ability to blend with the surroundings. The 156 rooms (all in 1- or 2-story cottages) are spread along seven beaches, on the site of an old Danish sugar plantation. There are no phones or air conditioners in the rooms (sea breezes keep you cool, and who needs phones?); cars are not allowed on the plantation (minibuses take you where you want to go); and the main beach is periodically groomed underwater to keep sea urchins from interrupting a swim. From a sailboat outside Caneel Bay, the plantation is barely recognizable as a resort. But it is renowned for its quality and service, as seen in its clientele—many well-known dignitaries and public figures.

For those who want a more casual vacation, there are several rental agencies that will find you a cottage. Prices range from $150–$350 per week, depending on size and proximity to the town of Cruz Bay. (For a list of agencies, write U.S. Virgin Islands Tourist Dept., Box 200, Cruz Bay, USVI 00830.)

It doesn't take long to lapse into our daily St. John routine. There are three basic time blocks: morning, afternoon, and dinner. Renting a cottage near town makes it easy for everyone to keep busy in the morning. If someone doesn't feel like reading, writing, watching the boats come into the harbor, or playing cards on the porch, it's a quick walk to town. Maeda's bakery usually has fresh bread or (better yet) brownies in the morning. Other regular trips include a visit to the Sandal Maker early in the week to be fitted for custom-made sandals, a trip to the post office to remind friends (and, some day, the film company) where St. John is, or a stop at Islandia for Marimekko fabrics, jewelry, and island souvenirs. Also now on the list is Boulon Center, a group of craft shops run by local artisans.

After a lazy lunch of sandwiches and fresh fruit, we usually take an 'outing' in the afternoon. This means going to the beach or exploring in our rented jeep.

Anyone who swims off St. John will inevitably learn to snorkel, and there is plenty of marine life to see. For beginners, Trunk Bay has an underwater trail. The more adventurous may want to go scuba diving (arranged through the Dive Shop or Cinnamon Bay Campgrounds)—there are trips for beginners and experts, plus night dives and dives on the wreck of the Rhone (location for filming *The Deep*).

There are plenty of places to explore inland. The drive to the ruins of Annaberg, a 17th-century Danish sugar plantation, goes over cobblestones laid by slaves before their famous 1733 uprising. And, a favorite hike is the 45-minute trip from Centerline Road down to Reef Bay, led by a park ranger. On the way: petroglyphs from the Carib Indians, plus a variety of tropical and semi-tropical vegetation. At the end of the trail, a park

Continued on page 66

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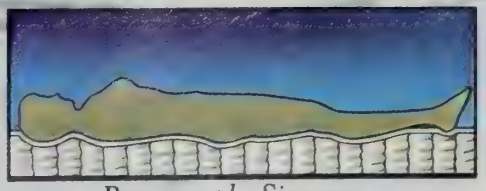

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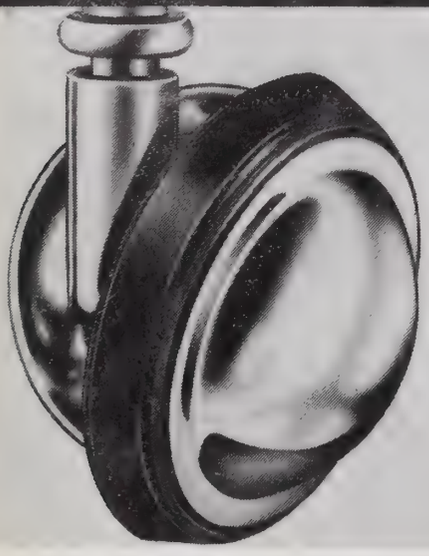

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GOING PLACES

continued from page 64

boat waits to make the trip back to Cruz Bay. (Check with the park station across from Boulon Center for daily hikes and lectures.)

And there have been sailing afternoons: the first year, when we rented a 25-foot boat, arguing over who was skipper; the third year, when I ran a sailfish into the dock at Caneel; the fifth year, when it took some convincing to get anyone to go; and last year, when we hired a skipper.

After a late afternoon nap or swim, it's time to regroup for dinner. At the Upper Deck, atop Bethany Hill, dinner on the porch is accompanied by a view of St. Thomas, St. Croix, and, on a clear night, Puerto Rico. Not to be missed for dinner is buffet at Caneel's Sugar Mill, open to all (make reservations early). And Ric's, in town, is a longstanding favorite, where I first encountered conch and goat stews. Ric has a set menu each night, with a choice of two entrées—all freshly caught and freshly cooked. And, on Thursdays and Sundays, the steel band starts warming up after dessert.

How to go: American and Eastern have flights to St. Croix/St. Thomas. From the St. Thomas airport, take a cab to Red Hook for the 25-minute ferry ride to Cruz Bay, St. John (Caneel Bay has its own ferry service). If you are planning on cooking most of your meals, it's worth a stop at a St. Thomas supermarket—supplies can get low on St. John. ■

Travel booklets

1. Sweetbottom, Cow and Calf, Caridad Wreck, 10 Fathom Pinnacle. 97 more strange names—and prime scuba diving sites—in **The Dive Guide to the U.S. Virgin Islands.**

2. Sail or fly to **Peter Island:** a hotel and yacht harbor in the British Virgin Islands. Stay in an A-frame chalet, beach cottage or Crow's Nest—a mountain-top retreat. Beach boats for the asking.

3. Alabama Has It All—a detailed listing of houses and gardens open to the public. One 20th-century garden: Bellingrath Gardens near Mobile. A Greek Revival house: Sturdivant Hall, Selma.

4. Days Inns—a group of hotels in 28 states. Families find big rooms, restaurants, and very good rates. Most have a gas pump open daily and Sunday. **The Days Inn Directory.**

5. Florida's General Information Guide tells what to do: fishing, how to charter boats, golf, beaches, jai alai, "tubing".

6. Go to **Indian River Plantation,** a resort on Hutchinson Island in southeast Florida, for secluded beaches, tennis and golf, fishing, oceanfront apartments.

7. Georgia: Where Interstate Odysseys Are Fun helps the motorist organize excursions to the mountains, famous gardens, house museums.

8. HRI's Directory of The Leading Hotels of the World describes its member hotels, from the Fairfax in Washington to the Imperial, Vienna. More than 100 deluxe hotels in 23 countries. ($1)

9. Antebellum houses line Natchez Trace, scenic drive through **Mississippi.**

10. North Carolina: Down Home in High Style describes the state by region: The Coast and off-shore islands. The Midlands: rolling hills and forests; Charlotte, Winston-Salem, Raleigh—tobacco country. The Mountains: highest east of the Mississippi.

11. The Steigenberger Reservation Service's **Hotel Directory 1980** lists 140-plus hotels. One "800" number can get you a reservation at the Peninsula in Hong Kong, The Bristol in Paris, The Dorchester in London, or in one of their many hotels in Germany.

12. This month: **Musical Week-ends at the Lygon Arms** in Broadway, a famous village 90 miles northwest of London. The Lygon Arms—a 400-year-old inn. Concerts in the Great Hall—Scarlatti, Chopin, Mozart, Debussy, and more.

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John D. Bloodgood, architect.

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INGENIOUS WAYS TO MAKE YOUR LIFE

EASIER

ORGANIZING YOUR CLOSETS

The shipshape closet

Your closets may be harboring more space than you think—and the fastest way to unearth it is to get organized! Decide what you want each closet to store—sports equipment, cleaning supplies, hats and coats. Work up themes for each, but don't let the categories take over. Think about where things are used, and how they can be stored nearby. Miscellaneous is a useful label—but keep an eye out so that it *stays* useful!

Organize your closet cleaning project so you *will* finish the job. Here are tips from professional organizer Stephanie Winston, author of *Getting Organized* (Norton, $10.95).

***Weed out little by little to keep your inspiration quotient high.

***If you haven't used something in a year, consider giving it away.

***Go through each closet, boxing what is destined for another closet in a clearly labeled carton. Don't transfer any boxes until you've gone through all the closets. Then move the boxes to their new destinations, and unpack. You'll find a place for everything—with room to spare.

Door hang-ups

The inside of your closet door is the perfect hideaway for hookable items. Here are hang-ups to cultivate:

***Cover a whole door with pegboard. Down low, hang a basket for children's mittens and gloves. (Oblong vegetable baskets are great for door storage.) Above, turn the door into a sports center with hooks for jump ropes, skates (tie the laces together), tennis rackets, even skis and poles. Or, create a cleaning closet: Hang brooms, mops, and dust pans; use baskets to hold bottles and supplies.

***Hang a Shaker-style peg rack *vertically* on a narrow door. Loop belts, scarves, and hats over the pegs.

***Hook a mirror to the back of a closet door—and beneath it a tray to hold brushes, combs, and hairclips that clutter up dresser tops. You can also hang baskets for socks, underwear, bracelets.

***Make a laundry bag from a pretty pillow case: Just hem one side over a bright plastic hanger. Hook it on the inside of your closet door.

Visual impact

Trade in sliding doors for folding doors that let you see wall-to-wall, instead of giving you half-an-eye's view.

Add a light—it's easy to wire one to go on when the door opens. Or hang a flashlight by the door.

Do you remember which box you put *that* sweater in? Variety stores sell clear plastic storage bins with lids. They're great for stacking clothes, and a small size works for a pair of shoes. (Hint: Wrap patent leather in tissue first—it tends to stick to plastic.)

The closet gardener

Hang an extra pair of hands on the closet door: Cotton gardener's gloves can be used to hold small tools, misters, labels, fertilizer jars very handily.

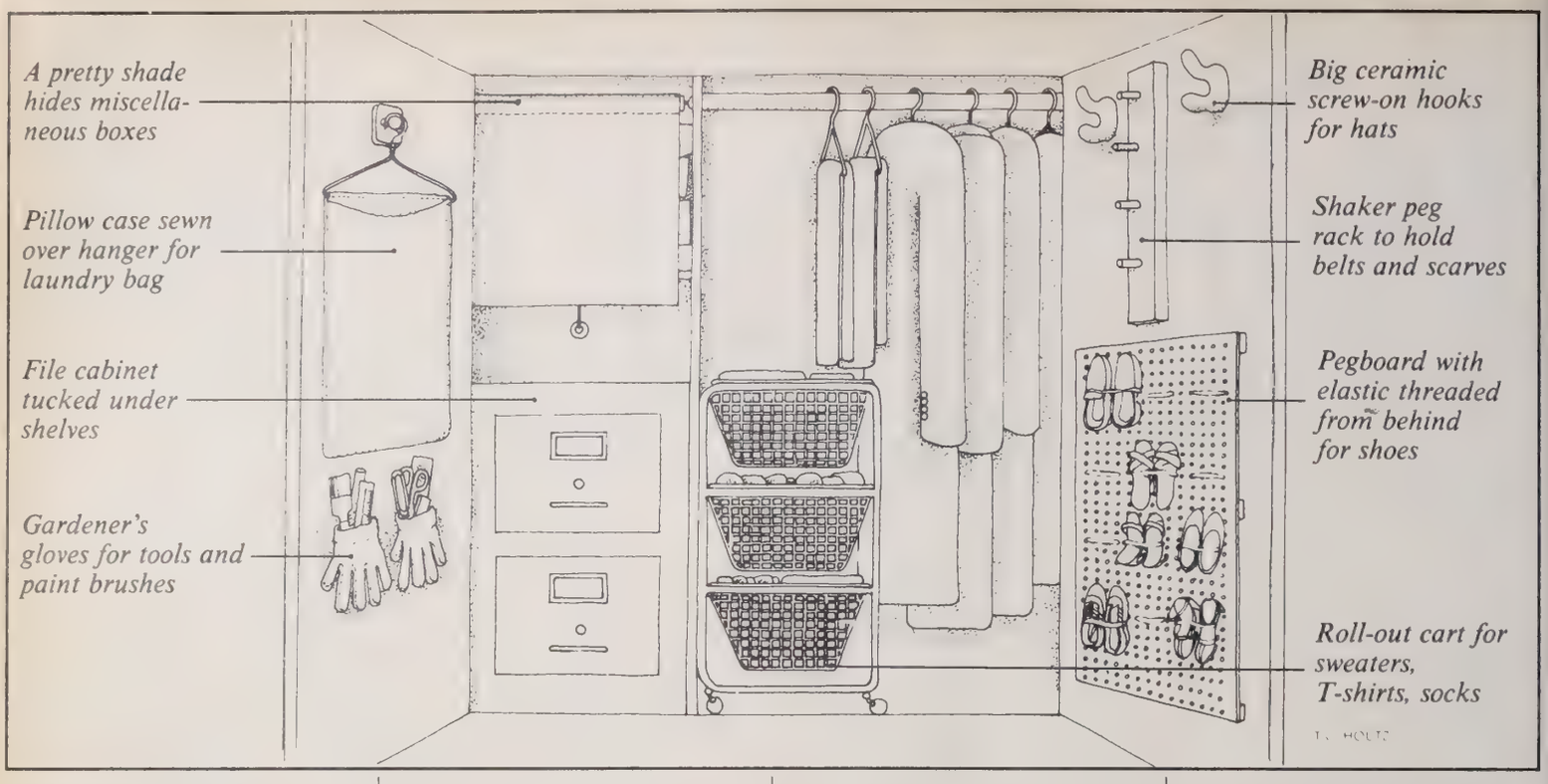
Attach cup hooks under shelves to hang tools and measuring spoons.

Keep your soil, vermiculite, and perlite in easy-to-transport plastic pails.

Behind closet doors: Five storage plans. Left to right: pegboard sports center; dressing depot—tray under mirror holds brushes, cosmetics; picture gallery; a pocket for everything sewn on a sheet, towel rods for wrinkle-free tablecloths.

T.C. HOLT?

For more closet ideas, turn the page



Closet art

Color is the easiest way to spruce up a closet. Paint or paper walls, ceiling, and shelves. Match the room, or choose a color that's pure fancy. If your closet looks nicer, you'll keep it neater!

Hang a colorful fabric shade from the ceiling to hide a disarray of boxes that may be on the top shelf.

Use the inside of the closet door as gallery space to hang a pretty poster, children's art, or a snapshot collection.

A colorful rug—it'll brighten a closet floor. Plus, it's a no-slip surface that keeps shoes and boxes in place.

For good-looking sturdy storage, use cardboard moving boxes you've covered with pretty patterned wallpaper or fabric. Order the boxes through moving companies (listed in the yellow pages).

Divide and conquer

Here are two ways to divide your closet to make the space work for you:

1. Remove the top shelf and rod and nail a floor-to-ceiling plywood divider to two 2-by-3s—one nailed to the floor, the other toggle-bolted to the ceiling. On one side, put a high rod with a shelf beneath it; on the other, a high and low rod. There will still be space on both sides for shoe shelves near the floor.
2. Divide the closet into thirds with two plywood partitions. In one section use a high rod; install double rods in another. There'll still be a section left for shelves. (*Hint on taking advantage of deep shelf space*: Store sweaters and accessories on trays so you can pull them out easily to get to the back layer; or use clear plastic bins that can work like drawers.)

Spacemakers

A no-hammering-and-sawing tactic for doubling up on children's closet space: Add a spring rod across the top shelf. It's perfect for tiny dresses and shirts—and it frees the bottom of the closet for toy storage. Stack colorful plastic cubes to teach children to keep everything in place, and use different colors—red for games, for instance, green for stuffed animals, and yellow for books.

Hang a spring rod from front to back (instead of left to right) in a high-ceilinged closet. You'll still have plenty of space for boxes—and out-of-season shirts will be just a stretch away.

Is there space hiding *behind* the clothes in your closet? Move the rod *back*—and bring the space *forward* to hang belts, ties, robes.

The best spacemaker: a set of shelves just 6 inches deep installed along the side wall of your closet.

Storage-to-go: a rolling cart that fits neatly beneath shirts and blouses. Get one with basket drawers, or with plain shelves. Another solution: A small closet of drawers or a file cabinet.

Shoe re-dos

Make a shoe bag from a pretty sheet. Sew on pockets for shoes, and make large envelopes that tie for scarves, or tiny slots for combs.

Special pegboard trick for shoes: Thread bright-colored elastic through two pegboard holes, 3 inches apart. Knot the ends, and you have a loop for a shoe.

If your shoes tend to shuffle in the bottom of your closet, build a triple-tiered rack that looks like three steps.

To keep boots in shape, buy colorful plastic boot stuffers available at variety stores. They come with hooks on top so you can hang them. Or make a boot stuffer yourself: Roll up a magazine and stitch a pretty fabric sleeve to cover.

The well-stored world of sports

Hang your bike vertically from the ceiling of your closet with a single $1.50 hook you can buy at bicycle stores.

Rackets in a row: Two 6-inch dowels, 3 inches apart, will let you store rackets and paddles three deep.

A French string grocery bag hung from a hook on the wall will hold golf, tennis, and softballs. Add another bag for mitts or Frisbees.

Basketballs and footballs will stay still on a shelf if you nail three small pieces of wood to mark the spot.

Turn a wine rack on end to hold baseball bats, tennis rackets, ski poles, umbrellas.

Winning ways with linen

To keep tablecloths from wrinkling, hang them from a towel rack on the back of your linen-closet door.

To store pillows in a shallow linen closet, put them on end and strap them in with a belt tacked to the closet wall. Buckle in blankets, too.

Add a wine rack to the back of a closet door and store a rolled-up towel in each slot.

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WHY COMFORT?

What comfort tells us about ourselves...

People today want comfort in every aspect of their lives. But how many people realize that comfort is a fairly recent innovation of civilization—about as recent as the idea of people marrying for love, or the idea of people working at jobs they enjoy? Some anthropologists have suggested that the way man has prepared his food—eaten raw, cooked, or highly prepared—is the greatest indicator of how our species has progressed.

But the great Swiss art historian Siegfried Giedion's theory was that we can also tell a great deal from the way we sit. Our attitudes toward comfort, he felt, say much about our attitudes toward life. Oddly, the Latin origin of the word "comfort" doesn't mean "to make easy"—it means "to strengthen," and for most of civilization, that's what furniture did. A look at art through the ages will show people in postures (even while sitting) that not only looked uncomfortable by our standards today, but really were.

It's interesting to realize that even "traditional" furniture designs that we still use today almost never go back to their origins any earlier than the 18th century, with many others—such as the upholstered sofa—that were invented in the 19th century. Tables, bookcases, and chests have much less to do with comfort than seating or bedding: That's where the big changes in comfort have always taken place. Someone once said that the history of modern design is really the history of the chair. It's easy to see why: Most of the great architects and designers have tried their hand at chair design, but with very mixed results. Some of the most famous seating designs have also been some of the most uncomfortable: lovely to look at, but awful to sit in.

Why our interest in comfort now? For one thing, people are much more conscious of their bodies now than they've ever been before. The growth of interest in fitness, exercise, good diet—even sex—has made people more demanding about the way their bodies feel: in the gym, on the beach, in a dress, in a chair. Variety is more important now, too. We know that what's right for you might not be right for me, that what's right for you in one situation might not be right for you in another. One chair might be great for writing a letter at a desk, but not for sitting and watching TV, or eating a meal. One hundred and fifty years ago, when the average person began to be able to own furniture—new, machine-made furniture—of a kind that used to be owned only by the rich, they tended to copy the styles of the rich as best they could. They did so not because it looked good, not because it felt good, but because they thought that's the way they were supposed to do it.

That's all over now. We've got freedoms in our ways of living that were undreamed of by our great-great grandparents. Now people want more from their lives than the imitation of some imagined social better. They want comfort because their bodies—the centers of our increasingly self-centered world—tell them that comfort is more pleasurable, more enjoyable, and therefore better than discomfort. The Pleasure Principle is here to stay. We also can see greater interest in comfort in the breakdown of differences between the ways different classes of people behave. Everyone seems to be wearing jeans. Everyone seems to own a pair of running shoes. Everyone seems to be watching their weight. The sense of what is right is coming more and more from the sense of what *feels* good. But beware: Style does not always mean comfort.

COMFORT DOESN'T MEAN "TO MAKE EASY"—IT MEANS "TO STRENGTHEN"

What does? Trying it out for yourself is the only way to tell. Comfort depends on you: Your hard mattress, your soft pillow, your cotton sheets might not be everyone's idea of comfort. The important thing is not just to think about it, but to feel it, too. Forget the mind/body split. Body and mind are really one thing: We feel with our brains, we think with our bodies. What makes you comfortable? Old moccasins? Green trees? Gin and tonic, James Taylor on the stereo? Good—go on. Figure it out. Get comfortable. And make the most of the fact that you're living in a time that lets you do it!

DICK CAVETT has it—that ability to project a comfortable and relaxed attitude no matter what the circumstances, whether interviewing on the Dick Cavett Show for PBS or sharing the news of the world with his nonverbal friend below.

When we think of comfort, a comfortable chair probably comes to mind most often. The comfortable chairs we have chosen vary from a chair as American as the porch rocker to a chair as classic as Charles Eames' leather and rosewood lounge, from a chair as familiar as the recliner t chair as forward-looking as the Vertebra back-support office chair.

Clockwise from Dick Cavett: **A** classic chair and ottoman for stretch out or curling up. Chair, $930; ottoman, $400. By Baker at W & J Slo **An** upholstered dining chair, for sitting up straight. $415 at Lor Taylor. **This** rocking chair recalls summer evenings and front porch $110 at Workbench. **More** formal at table is this Chippendale-style a

r. $850; from Smith & Watson. The familiar wing chair was one of first styles to be upholstered. $1,010; By Baker at W & J Sloane. This designed by Charles Eames in 1956 marked a return to comfort. 897; from Herman Miller. A nostalgic nod to comfort is this club chair igned by Angelo Donghia. $1,240; from Donghia Furniture Co. The lounge and ottoman designed by Arne Jacobsen beckon one to take a . $1,305, from ICF. Millions own one and rightly so. The recliner is most comfortable! By Burris. $330 at W & J Sloane. The Windsor armchair, an updated version of its American ancestor. $175 at Workbench. This Italian import designed by Cini Boeri and Laura Griziotti wraps you in comfort. $1,460; from Beylerian. The Vertebra chair scientifically designed by Emilio Ambasz and Giancarlo Piretti, $542 at Krueger. Le Corbusier's Grand Confort chair surrounds you—or man's best friend—with warmth and comfort. $1,650, from Atelier International.

See Shopping Information

FORT

ne Michals

RICHARD BROÜN

MEREDITH BAXTER BIRNEY AND DAVID BIRNEY enjoy a bit of pillow talk, this time 80s style. She is starring in "Family" on ABC. He is currently directing David Mamet's "A Life in the Theatre" and will be starring in the film "Ohms" on CBS. Silk pajamas and dressing gown, Mr. Guy, Beverly Hills.

By Stanley Abercrombie

Ergonomics — It's not a new exercise, it's the new SCIENCE OF

Warning! Scientists have determined that sitting can be dangerous to your health. Taking a bath can be risky, too, and so can just walking about the house—all because so many of our chairs, our bathtubs, and other household objects have been designed with only appearance and (sometimes) comfort in mind. The currently-developing field that would call designers' attention to matters of health, and safety as well—that would, in effect, *protect* us from our furniture—is called "ergonomics." Literally translated from its Greek roots, the word means "the management of work," but a clearer definition of the way it is being used today is "the study of man's relationship to his physical environment."

Such study has developed from concerns once called "human factors" and "human engineering," and may have had its beginning in 1955 when the industrial-design firm of Henry Dreyfuss Associates went to work for Lockheed to design seating for the new Electra L-188 and JetStar airplanes. Work for American Airlines followed, then a commission to design tractor seats for the John Deere Company. The tractor seats didn't need to be pretty; they just needed to be good seats. As their work continued, the Dreyfuss firm collaborated with Dr. Janet Travell (President Kennedy's much-publicized physician and a well-known back specialist) to study chairs' effects on the five lumbar vertebrae, a particularly sensitive part of the back that troubles more than half the American population. An important early book popularizing these concerns in the design field was *Design for the Real World: Human Ecology and Social Change*, written in 1971 by industrial designer Victor Papanek, with an introduction by visionary architect R. Buckminster Fuller. Papanek's book covered a number of subjects, but one of his most dramatic chapters referred to our use of common items of industrial design as "do-it-yourself murder." There is now even an International Ergonomics Association; its seventh annual congress was held last August in Warsaw. And, finally, the establishment of the term "ergonomics" as one of common usage among designers was demonstrated in 1976, when University of Wisconsin professor

William Stumpf designed a posture-conscious series of office chairs for the Herman Miller Company and named the series "Ergon." It was soon followed by many others.

What really can happen to us in a poorly designed chair? Unfortunately, much more than simple discomfort and consequent inefficiency. Dangling legs from a seat that's too high, according to a study by Jiro Kohara of the Illinois Institute of Technology, can put pressure on the veins at the backs of your thighs, trapping a pool of blood in your lower legs and measurably increasing the size of the calves of your legs. But a chair's being low is not, by itself, a solution. Walter Kleeman, an Associate Professor of Interior Design at Western Kentucky University, adds that "a too-low seat can also cause problems: The sharper angle between the thighs and the pelvis that results from an excessively low seat causes pressure on the abdominal organs and even pain, if continued for long periods of time. Older people may also find it quite difficult to get up from a too-low seat." And Dr. Alton Ochsner, the surgeon who developed the operation once used on President Nixon's blood clots, warns of thrombophlebitis (blood clots in the veins) as an occupational hazard for seated office workers. He estimates that as many as 400,000 of us suffer from such ailments as a result of simply sitting.

An obvious difficulty in designing chairs to fit our bodies is that our bodies are so varied. Designing furniture to fit the "average" person isn't nearly enough. Just over a quarter century ago, G.S. Daniels studied a group of more than 4,000 U.S. Air Force flyers to see how many of them were "average," not just in height, but in all 10 of the body measurements that relate to clothing sizes—sleeve length, leg inseam, neck circumference, etc. Considering the middle 30 percent of the men's clothing sizes as "average," Daniels found that a little more than a thousand—or 25 percent—of the men were of average height, but that just about 300 of those thousand—or only about eight percent—also had an average chest circumference. And, after all 10 measurements were considered in turn, there was *not one* completely "average"-size flyer among the 4,000 subjects of this revealing study.

Not only do humans come in a troublesome variety of shapes and sizes; they also refuse to sit still. Although a seated person intently at work on a specific task (typing, sewing, drafting) may remain for a large part of the work day in a particular position—leaning forward slightly, say, with legs tucked under the chair—the worker will change positions drastically when the phone rings, when a friend comes by for a chat, or when it's time for some reflective thinking. And within any general position, a sitter will make some measurable body shift an average of once every six minutes.

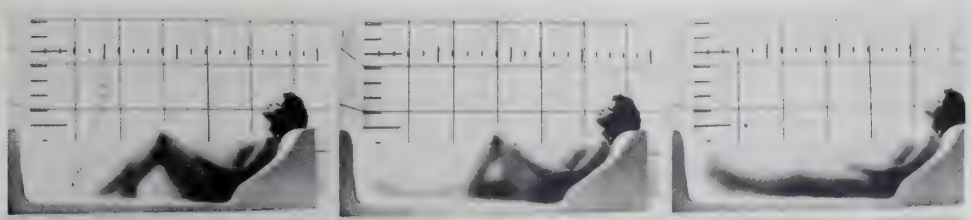
The solution for all these variations, clearly, is not an array of thousands of different chairs, but a few chairs that easily adjust, giving proper body support whatever the adjustment. A number of such chairs are now on the market, including the Ergon chairs already mentioned, the Vertebra chairs designed by Emilio Ambasz and Giancarlo Piretti for Krueger, and a new series designed by Niels Diffrient, a partner of the Dreyfuss firm that may have started the whole thing 25 years ago. Most of these new chairs were designed for office use, but could be sensible choices for home use as well. Richard Schultz, designer of the Paradigm chairs sold by Stow-Davis, has given his chairs what he calls a "general" curvature rather than a "specific" one. "Many chairs are designed in such a way that it is only possible to assume one seating posture," he says, but Paradigm is meant to allow a whole range of squirming about. And the whimsically named "Babar" chairs designed by Andre Vandebeuck for a.i. (Atelier International) not only have the sort of bucket seat that, according to a.i. President Stephen Kiviat, "ensures proper seating posture," but they also have a coating of soft polyurethane foam over all parts of the chair frame that could come in contact with people, yet another fine comfort idea.

X-rays revealing the curvature of the spine, *top*, and an experimental chair to study best sitting positions, *above*, were used in ergonomic studies by Henry Dreyfuss Assocs.

Even the sexual revolution has affected chair design. Whereas furniture manufacturers once made the assumption that a secretarial chair should fit a petite female and an executive chair a strapping male, the world is no longer that simple. Now for the first time, more than half of all American women are working outside the home, and the female executive must be seated. And there are increasing numbers of male secretaries, too; the task/secretarial chair in Diffrient's Knoll series is designed to accommodate anyone from a 74-inch-tall male to a 58.7-inch female, or anyone of more average size in between.

In addition to chairs, many other aspects of our designed environment have concerned ergonomists. Our bathrooms, in par-

Continued on next page

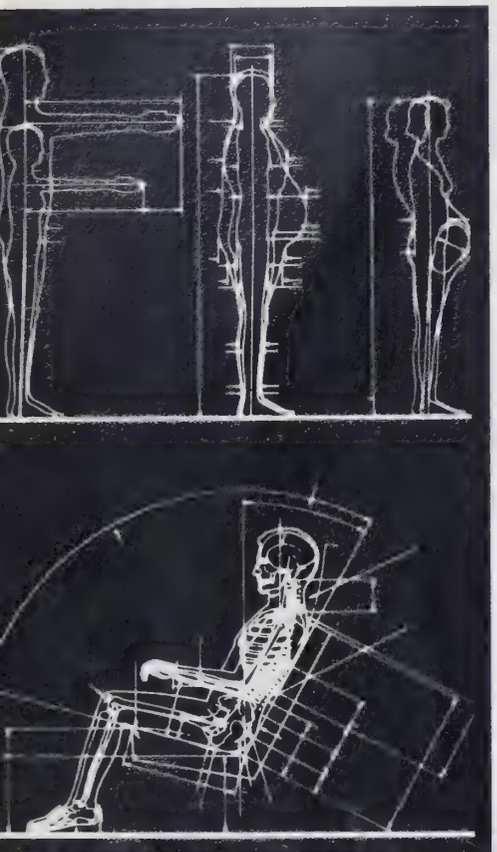


A bathtub shaped to the contours of the back, *above*, was one recommendation of Cornell University's controversial bathroom study.

Photos from *The Bathroom*, by Alexander Kira. © 1966, 1976 by Alexander Kira. Published by Viking Press and Bantam Books

COMFORT

ticular, have been the subject of much criticism. An early and controversial study was made back in 1966 by Alexander Kira of Cornell University's Center for Housing and Environmental Studies and republished, after further research, in 1976. Kira found many home or hotel bathrooms to be, in many ways, inconvenient and possibly dangerous. Some of his recommendations for change have been followed by designers and fixture manufacturers—a change in the contours of toilet seats, for example, and the introduction of non-skid surfaces in bathtubs.



"Average" body measurements, *above*, vary considerably from person to person, as seen in diagrams from *Humanscale 1/2/3* (MIT Press), by Henry Dreyfuss Assocs.

Certainly it would be agreeable for a bather to be able to stretch out full length, but considerations of safety are even more basic than considerations of comfort. A 1972 study by the U.S. Department of Housing and Urban Development found that bathtubs and showers are involved in 275,000 accidents a year. Showering in a separate shower stall is generally safer than bathing in a tub, Kira and others have pointed out, because there is no getting up and down involved, and no stepping over a raised rim.

Even so, the shower is not without its problems. Kira recommends a minimum shower size of 36-by-42 inches, rather than the 30-by-30 that is standard and that makes bending over difficult. He also thinks that placing the shower controls directly under the shower head would improve bathroom design. If the water temperature changes abruptly or needs adjusting, the problem can usually be solved only by diving right through it. On the other hand, design reform is often a self-correcting process. Increasing public acceptance of tub designs based on Oriental models—hot tubs, for example—shows how other preferences have become part of our design options without extensive scientific research. In addition, there is the whole field of considerations for making our environments safer and more accessible to the handicapped. Great progress has been made recently in this respect, but more remains to be made. A point to remember is that design changes to help the handicapped—signs, door handles, ramps, elevators, grab bars in showers, safe floor surfaces—can also help all the rest of us.

Pragmatic as all these ergonomic concerns certainly are, they may also respond to an underlying psychological need. The Babar chairs' soft black coating, for example, keeps us from scraping our ankles and is also related to the no-chrome esthetic popularized by Japanese electronics companies in the early 70s, but it is also representative of our growing demand that our furniture be gentle with us. *Continued on page 140*

COMFORT TO HUG

Pillows — your best bedmates — come in 7 shapes and sizes

Pillow support is healthy, says Dr. Willibald Nagler, Chief, Physical Medicine and Rehabilitation, New York Hospital. "But keep your pillows as low as possible—soft, yes, but not so you sink in entirely, otherwise neck pains can result. Neck rolls can ease nerve problems in your neck. If you have a bad back, put one or two pillows under your knees when lying on your back in bed. This tilts the pelvis back, relieving pressure."

Pillowcase protection: Doctors recommend pillow protectors—zippered cases—to keep pillows clean. "Dust can collect in any pillow, whatever its stuffing," says allergist Dr. Claude A. Frazler. "A protector is your best protection from allergy."

Never before has there been such a dazzling array of solid-color pillowcases, a rich spectrum for easy bedroom decorating. **P**illowcases from left, top row: (Note: dimensions are for the pillowcases) **S**quare, 12 inches, yellow, T&J Vestor; **K**ing, 20 by 40 inches, sunstone, Wamsutta; **S**tandard, 20 by 30 inches, jade, Springs Mills. Second row: **K**ing, pistachio, J.P. Stevens; **B**aby pillowcase, 12 by 6 inches, blue with embroidery, Pratesi; **S**tandard, light green with flange, Pratesi. Third row: **S**tandard, wild plum with ruffles, Martex; **S**tandard, azure blue, Fieldcrest; **S**quare, 27 inches, with do-it-yourself flanged case, raspberry, Springs Mills (instructions, see page 144). Bottom row: **S**tandard, emerald, J.P. Stevens; **N**eckroll, 16 by 6 inches, orange with brown embroidery, Pratesi; **S**tandard, amethyst, Wamsutta; **S**quare, 12 inches, red, T&J Vestor; **N**eckroll, light green, Porthault; **S**tandard, lemon, Springs Mills. For details, see Shopping Information.

Duane Michals

TAMMY GRIMES multi-talented actress (look for her two new films, The Runner Stumbles and Can't Stop the Music), snuggles up in a nest of paintbox-colored pillows.

"MY IDEA OF REAL

What a dozen famous designers say

MICHAEL TAYLOR

"A seating arrangement that really works"

Michael Taylor turned his terrace into an outdoor garden room with wicker furniture (which he first designed for Mrs. Norton Simon), a shady umbrella, and lots of potted plants. The furniture is arranged so that people can talk to each other easily, without strain. The table nearby, for books or refreshments, is at a comfortable height. "In other words," says Mr. Taylor, "comfort is something that works well for people."

Russell MacMasters

illiam P. Steele

JOSEPH D'URSO

"Lazing in a sunlit hammock with a good book and a view"

This city living room contains one of Mr. D'Urso's favorite items of comfort—a black leather hammock—slung in front of a window with the park outside. Vertical window shades filter light. The round coffee table is black Formica, sitting on a black Formica drum. The carpet is a soothing gray. Bookshelves and a reading lamp are within easy reach.

ROBERT LEWIS

"Wonderful fabric, herbs, flowers, good music—a place to unwind"

A comfortable chair where you can put your feet up, a handy table where you can put your book down, and a good reading lamp: All three add up to a most relaxing corner of the house. In this library hideaway, Mr. Lewis has chosen blue canvas for the chair and ottoman, dark green walls, and chintz curtains. The feeling of peace and restfulness is complemented by flowers, old photographs, 18th-century prints, shelves of good books, and the music of Mozart on the stereo.

COMFORT IS..."

Beadle

BILLY BALDWIN

"A first-class upholstered chair and everything within easy reach"

In Mr. Baldwin's bed-sitting room, comfort is epitomized by the day bed and armchair, upholstered in an understated black-and-white fabric. The walls are white, "for as peaceful an atmosphere as possible," and the English coffee table holds all he needs within reach. "No matter how modest the proportion or measurement of a room," says Mr. Baldwin, "you can still have the greatest luxury of a good chair or sofa that you know is waiting to receive you."

MRS. HENRY PARISH II

"A room where one can relax and have tea with friends"

Mrs. Parish is famous for her mastery of the details that add up to a truly comfortable room, and not surprisingly, her own bedroom is well-provided with them. There's a warm throw folded over the arm of the deep, well-cushioned sofa. A miniature chaise on casters serves as a footstool for the big armchairs—there's always a place to put your feet up in the rooms she designs. Books, favorite paintings make it a very personal oasis where she can read, watch television, relax after a day's work or entertain friends for tea.

Horst

Beadle

BOB PATINO

"A large, deep tub full of hot water"

This luxurious bathroom conveys Mr. Patino's dream of comfort. The walls near the tub are mirrored so one can look out into the garden while soaking. Floors and walls are marble, with recessed lighting in the ceiling for a soothing effect. The towels and cotton-upholstered ottoman are peachy-apricot for warmth, contributing to the soothing and seductive atmosphere of this room.

David Massey

VINCENT FOURCADE

"A chair that you can sink into so that it completely enfolds you"

Top: Mr. Fourcade's chair, found at auction, is almost like a tub, with a sling back and no springs that shapes itself to the body. "Once you're in it, and your feet up on the ottoman," he says, "you never want to move." It is upholstered in soft red velvet.

ROBERT DENNING

"A chair where you can slump, put your feet up and make a telephone call"

Bottom: This very rare Charles X "gout" chair is actually a predecessor of the modern recliner, with velvet upholstery and inlaid boisclair and ebony. The most appealing feature to Mr. Denning is the removable footstool, which fits neatly as a rest for tired feet.

WILLIAM HODGINS

"A casual stuffed sofa and a good mystery book"

In a big 25-by-30-foot living room, Mr. Hodgins created sever separate seating areas, each a special corner of color-soft con fort. This one has an extra-deep sofa—deep enough for sleep ing—piled with armfuls of pillows made from silks, cottons, an saris. Wicker furniture, cushioned with a mauve print that quilted for super softness, contributes to the relaxed informalit

OHN DICKINSON

Easy-to-move
ctra chairs that
iake your furniture
rrangement
exible"

is own living room Mr. Dickinson keeps
ir Victorian side chairs lined up along
e wall, ready to draw up to the library
le when it turns dining table, or to pull
ound as extra seating. They are
holstered in smooth, soft glove leather
match the armchairs because "having
erything pleasant to the touch in a room
lso an important part of comfort."

REAL COMFORT S...

MARIO BUATTA

"A good piece of furniture, with pillows to rest your feet on— and a wonderful fragrance in the air"

Welcome back to that great invitation to comfort—the chaise longue, seen at its best advantage in this corner of Mr. Buatta's living room. It is upholstered in pink linen, with hand-painted silk pillows and an antique chintz quilt. On a nearby table, freesia, pomander balls, and potpourri are thoughtfully placed to fill the room with their sweet-smelling perfume—an easy idea that can transform any room into a fragrantly comfortable place in which to linger.

JOHN SALADINO

"A sofa that protects and shelters you"

Mr. Saladino's sofa is almost a room within a room: 13 feet long, in sections, covered in bleached horsehair fabric and thick ribbed amethyst-colored silk, fitted with an even longer additional quilted pad for softness. Its extra-high back works two ways to give you a feeling of comfort and security. First, the height effectively separates a room into two areas in which you can snuggle up safely in a defined space. Secondly, the high back also protects you psychologically. "When our backs are protected, we feel comfortable," says Mr. Saladino of his innovative double-duty design.

EVERYTHING—
AND EVERYONE—
CLOSE AT HAND:

that's comfort in the kitchen

There's almost no need—and certainly no desire—to leave the table when dinner is served in this small kitchen

In a manor house built in 1712, this room was once a sitting room. Now it becomes a combination of sitting room and kitchen/dining room with the addition of comfortable love seats around the table. The sink is conveniently a step away, and cooking facilities are next door in the pantry. When Anita Colby Flagler and her husband moved in, their first step was to add geranium burlap to the walls and some pine paneling from an old barn to preserve the Provincial feeling. The huge fieldstone fireplace gives warmth and also doubles as a cooking area. "Often we sit at the table with a pot on the fire or steaks grilling between gratings," says Mrs. Flagler. "It's funny, isn't it, how we're going back to the way things used to be?" Antique European copper hangs over the mantle along with a pair of milk-glass roosters that have become "part of the family," and a trompe l'oeil egg hangs in one corner with freshly dried herbs. At the table, all is set for a Sunday pasta supper, with favorite plates that contribute to the rustic, homey feeling of the room.

David Massey

PASTA

Little luxuries can add up to big comfort—and that's what makes this bedroom a relaxing place to live. "We wanted to create a room that you could retreat to and never want to leave," says designer Bob Patino of Patino/Wolf Associates. "And everything's here, including his-and-her television sets on either side of the bed." For late-night snacks or sunny breakfasts overlooking the garden, there's a separate eating area with swivel chairs and a glass-topped table. Brass accents and wall-to-wall carpeting add warmth, and soft colors range from ivory to apricot and peach. Fabrics shimmer and shine as taffeta shirrs the walls and hangs as curtains that close around a bed of pillows. Behind the bed, a mirror extends the room. And along the window, warm layers of curtains soften sunlight, or block it out completely for late sleepers.

YOU CAN SLEEP, LOUNGE, LAZE, WATCH TV, AND EVEN EAT HERE—

now that's comfort in the bedroom

AN ALL-AMERICAN HOUSE
WHERE YOU CAN REALLY
PUT YOUR FEET UP—

that's comfort in the living room

Living room's fireside seating

Half a flight up, dining-sitting room

If outdoor living is one of your passions, your idea of a comfortable house may be something like this one: big, informal rooms filled with light and air; overstuffed furniture that invites a relaxed, feet-up feeling; big stone fireplaces; wide-board and old-brick floors; and cedar-framed glass walls that open the house to the ocean on one side, tennis court, swimming pool, and stables on the others. "As soon as we drove in, we knew the house was right," say Andrea and Paul Lazarus. Their only change: Dining room wall was removed to expose the living room's stone chimney behind it; in its place, a cedar sideboard.

Karen Radkai

JUMP OUT OF BED AND INTO YOUR TUB—THAT'S THE KIND OF

comfort that puts the room back in bathroo

A comfortable room is a comforting room, and what could be more comforting than languishing in a whirlpool bath, outdoor gardens coming in through big windows, music playing softly, a fire burning, the bed just steps away? "I love the idea of having the bath right in the bedroom," says Andrea Lazarus. "It's a private hideaway where we can be together . . . neither of us ever having to be secluded in a separate bathroom." Yet visually there is a sense of separation between sleeping and bathing areas: The tub, with cedar siding that blends into walls, is in its own stepped-up space with dropped ceiling.

Beyond the tub, the door to the rest of the bathroom

All-American
house

Karen Radka

Price-wise comfort

SMALL-SPACE MAKEOVER MAGIC THAT MAKES YOU A QUICK-CHANGE ARTIST!

As your tastes change, let your apartment change with you. "I was bored with my mismatched furniture, tired of 'safe' earth colors, and out of storage space," says owner Nora Larke. "But my rent is low and I love the neighborhood." Instead of moving, she asked designer Pierre Lajoie to help her rethink the space she had. Together they decided on warm peach and taupe colors, covered beds with reversible quilting, painted walls and ceiling in a weekend. Taupe-colored carpet stretches wall to wall—"an easy way to pull together any small space"—with furniture painted to match.

WHAT MAKES THE LOOK...

Color: House & Garden Creamy Apricot for walls and ceilings, House & Garden Tender Taupe for furniture and carpet

Reversible quilted fabric: Apricot and taupe for bedcovers, pillows, cushions, and shades

WHAT SHE ADDED:

Platform bed
Chest of drawers
Wall-to-wall carpet
High-tech storage

WHAT SHE KEPT:

Dining table desk
Daybed
Chairs

Edward Oleksak

Price-wise comfort

The old apartment: no unity, no style.

HERE'S WHAT THIS APARTMENT COST:

Fabric and fabrication of quilted pillows, bedcovers cushions, and shades.	**$500**	Two library card catalogues	**$100**
Carpet (35 yds. $12.95 per yard) and installation	**621**	Twelve school lockers	**85**
Paint	**117**	Bank cabinet for the stereo	**75**
Platform bed, full size, unfinished	**150**	Four file drawers, stacked as cocktail tables	**60**
Mattress and delivery	**150**	Mirrored wire-mesh glass to top cocktail tables	**56**
Chest of drawers, unfinished	**200**	Architectural desk lamp	**235**
		Ballet poster	**50**

TOTAL **$2,399**

Beds are sofas, with work space beyond.

The secret of successful one-room living: furniture that works in many ways; color to unify; efficient work areas cleared of nonessentials

Edward Oleksa

Covers reverse for a whole new look.

Hook and grommet shades.

Bow-tied pillow sacks are easy to make.

STEP BY STEP TO A BRAND-NEW LOOK

Once the walls were painted, the apartment began to take shape. Mr. Lajoie had apricot chintz and taupe twill made into quilted reversible bedcovers and pillow sacks with the high-tech look of moving blankets. Quilted shades are an insulating alternative to blinds. (Edged with grommets, hung from hooks, they roll from top or bottom.) Even the air conditioner has its own reversible cover. (For upholstery details, see The Inside Story.) Furniture that wasn't multipurpose—a sofa and two dressers—was replaced by a full-size platform bed with drawers beneath, and a dresser-buffet that holds twice as much in half the space. Second-hand industrial furniture creates affordable high-tech storage. Library card catalogues beneath bookshelves are mini file drawers; a bank cabinet was recycled for the stereo; stacking drawers topped with mirror are cocktail tables; and a cache of lockers in the entry provide extra kitchen and bath storage. Ms. Larke's big-money splurge: the architectural desk lamp: "a working sculpture," she says. Beds arranged at right angles create a sleep-sitting area by the windows, with the dining table-desk closer to the kitchen. Bookshelves are less obtrusive, more efficient, hung behind the table. Walls were cleared to showcase a poster from the American Ballet Theatre Boutique. "Directing the eye to a single focal point always creates a feeling of space," says Mr. Lajoie. Zefran carpet by Patcraft. Artemide desk lamp at Thunder & Light. Martex sheets. Table setting at Manhattan Ad Hoc. For details, see Shopping Information.

Speed up spring

with flowering branches that you can coax into bloom right now!

Forsythia and tulips
in Art Deco plaster vase

Snow outside, quince in bu
with forsythia, tulips, in glass vase

Forsythia, daffodils,
and tulips in porcelain basket

Same quince in blo
two weeks later, with fresh tu

time

Wild plum, pussy willow,
with hyacinths in bark basket

"If you want to watch spring unfolding, gather bouquets of branches pruned in winter from dormant trees and shrubs,"

says J. Barry Ferguson. On winter walks through his Long Island garden and woodland, this horticulturist likes to thin out and shape many plants that leaf and blossom naturally when days are in the 60s. Those days, of course, can be outdoors or in . The whole idea of indoor forcing—a gentle art despite the label—is to give buds a chance to emerge weeks before they dare to outdoors. "Warmth and humidity unlock the buds, but the secret is to do it slowly," says Mr. Ferguson. He slits the stems to aid water absorption—"big branches may need bashing"—then puts them in pails of warm water in a cool, dim place. "A garage or unheated bedroom will do. If possible, mist the branches daily with warm water. Before the buds fully open, arrange the branches and move them to bright light—the more light, the more pigment." More ideas, page 183.

Pussy willow and larch
with Dutch iris in terra-cotta jar

Horst

Quince blossoms, left.
Larch shoots, opposite.
Birch catkins, far left.

Washington Inside

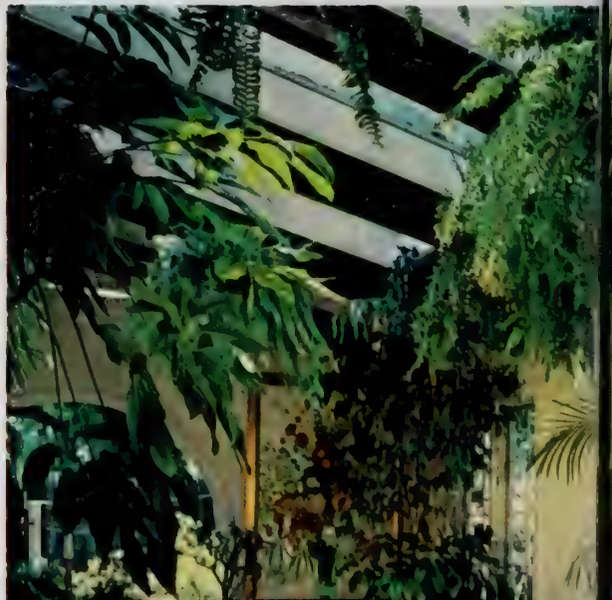
DAVID BRINKLEY commentator, and his wife Susan each took one room to make their own. She created a glassed-in terrace for entertaining. He an amateur carpenter turned a basement into a pool room.

David Brinkley calls Washington a company town: *two* company town for journalism and government. It's been his base for over 30 years and he knows what he likes about living there: single family houses, parking on the street, walking to visit friends, driving 3 minutes to NBC. At home, he works on documentary scripts and books. (Look for his social history of Washington during WWII next year from Knopf.) His office, *below,* is an alcove-lair at the base of the stairs leading to the basement. It consists of a roll-top desk bought 20 years ago for $25, the anchor chair he used on "David Brinkley's Journal," an old Royal typewriter. The alcove and the room it adjoins are Brinkley's work. An amateur cabinetmaker, he built the cabinets, put in the floor, inserted medallions into a plaster and wood frame to recreate a Victorian ceiling. He also did the fireplace, hung the mirror, found the pool table, furniture, and fixtures in antique shops from Maine to London.

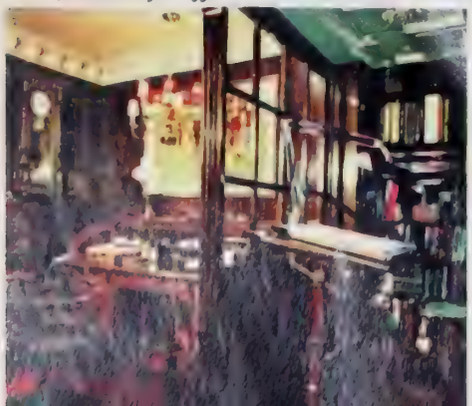
A counterpart to Brinkley's virtuoso pool room is Susan Brinkley's glassed-in garden where she often sets two glass-topped tables of ten for a meal she does herself.

Victorian setting for an old pool table.

Susan Brinkley uses her year-round glassed-in terrace



Left, *Brinkley's office at home, in an alcove off the pool room.* Right: *Susan Brinkley.*



THE PRIVATE
VORK-AT-HOME
VORLD OF
IEWSMAKERS
ND OPINION
HAPERS IS
HE REAL

Story

mall dinners.

Horst

BARBARA HOWAR novelist, journalist, television personality, lady-with-strong-views has created a charming haven for herself and her children in a tucked-away Georgetown house where they gather to recharge after story assignments and school terms.

Barbara Howar's living room: personal, cozy, lots of comfortable seating

Barbara Howar's house is almost invisible from the street. The front door opens at the end of a vine-covered passage, *below.* Inside you see into a cozy living room with doors and windows that look out onto the garden. It's a feminine house for a reporter-novelist who craves pleasant surroundings. "I've never had the money to decorate a place all at once. So I've decorated with bits and pieces and concentrated on comfort. I like highly polished wood furniture, white walls, white fabrics as a neutral background for everything I've collected. Photographs get put everywhere. When I get a new one I go out and buy a frame for it. All the frames are different."

Mrs. Howar works at home, in an office over the kitchen. The typewriter sits on a glass-topped table and is never moved anywhere else in the house. Except for a telephone in every room, work is confined to her office, while the rest of the house teems with children (when they're home) and friends.

Viny walk to the front doo

GEORGETOWN STYLE: SMALL HOUSES, PLEASANT STREETS AND GARDENS, ROOMS FILLED WITH PERSONAL MEMENTOS.

Georgetown gardens enlarge the rooms that open onto them as Barbara Howar's does, *above.* Bookcases and a carved wood mantel give the room a architectural feeling. *Below*—dining room with drawings, little paintings, figures, *left;* "zebra" chest under the stairs, *middle;* bed-sitting room, *righ*

Horst

CLAYTON FRITCHEY longtime newsman and presidential campaigner, works up a weekly column from behind stacks of books on a straightforward desk in an upstairs office. The rest of his books and his reading chairs are all over the house.

With an office, a room for files, and another for a secretary (all children's rooms once) on the fourth floor of this Federal-style house, Clayton Fritchey follows the familiar home-office tradition of Washington-based columnists. He works upstairs all morning writing longhand on big yellow pads. (His column runs in Newsday, The Washington Post, and other papers.) At lunchtime he walks down to a library, *right.* In this inviting room, also book-lined, he has a tray lunch with his wife Polly Fritchey or a friend in government. The house was built in 1830, and redesigned by decorator Margaret Weller in the fifties.

A classic Georgetown library, the heart of the house

JOSEPH KRAFT political columnist, and his wife—painter Polly Kraft—live in an old house they reworked to suit their lives. Each has a wonderful sunny place to work. His office: a corner room in an annex with a garden view. Her place to draw: a big glassed-in porch.

Joseph and Polly Kraft live in a "Charleston" single house built in the 1820's. They have decorated it themselves in a summery way: white walls, books, plants, light-colored fabrics mixed with batiks, rugs from North Africa, plus her paintings.

The Krafts get up at 7 a.m., and at 8 a.m. Joseph Kraft is sitting in his office, reading the papers in the big chaise longue, *left.* He works on a syndicated column (it appears three times a week in the Washington Post, Los Angeles Times, and about 200 other papers) until time for a daily lunch date with news sources. In the afternoon, he makes rounds to the White House, Pentagon, Capitol Hill, the Treasury.

Sunny work-place on a glassed-in porch.

Living room warmed with windows, books, batiks.

Polly Kraft's studio-at-home is a glassed-in upstairs porch where she works at drawings that will be completed in her warehouse studio where she goes for part of every day. Mrs. Kraft's recent paintings will be shown at the Kornblee Gallery in New York City in March.

Horst

Joe Alsop's bedroom, like his office-writing room that it opens into, is really a live-in library.

JOSEPH ALSOP columnist and now art historian, has lived, written, talked, and entertained in Georgetown for 42 years. Everything about it suits him including working at home and the 19th-century houses that lend themselves to books and photographs.

Mr. Alsop in his office, below opposite.

Bookshelves, walls of photographs, library ladders, paisley shawls, red rugs and walls, slipcovers, tufted chairs and leather benches make a warm two-room background for Joe Alsop to sleep, read, and write in. The atmosphere is calm, male, literary, New England Yankee, but his ideas on living with books and photographs apply anywhere.

"I've never spent any money on bookcases, but never ask the price of a book. I've always built the cheapest bookshelves, put a ready-made molding on the front, and painted them. My photographs are of family, people I admire, moments I want to remember. To hang them, I first measure the wall and mark the space out on the floor. Then I make a mosaic of the pictures, first filling in the perimeter and working inward. Once the mosaic is finished, everything can be translated to the wall." The frames are a stock red pattern available at any framer's. Mr. Alsop wrote a column for the Washington Post from 1937–74 and is now working on a history of art collecting.

Nature pays the fue

Second in a series: Only renewable energy is used in a house that's as warm as the sun and as cool as the breeze

In its exploration of energy-saving systems, this is a pioneer house. "While the typical house uses power to conquer nature," architect David Sellers explains, "we attempt to deal with nature in a more responsive way." Located in one of the country's coldest climates, it was designed to work with the rugged elements to remain warm. And so in Vermont—where even during the coldest winters there's lots of bright sunshine and an abundance of wood and wind—this house has wide plexiglass panels on the south side to capture the sun's warmth. There is a back-up heating system of two wood-burning low-combustion stoves and a windmill that in winter provides about 25 percent of the electrical needs of the house. Owner Don Mayer, vice president of the North Wind Power Co., a firm that designs and manufactures wind-energy systems says, "It is the use of a combination of systems that employ available renewable resources that makes a house energy efficient."

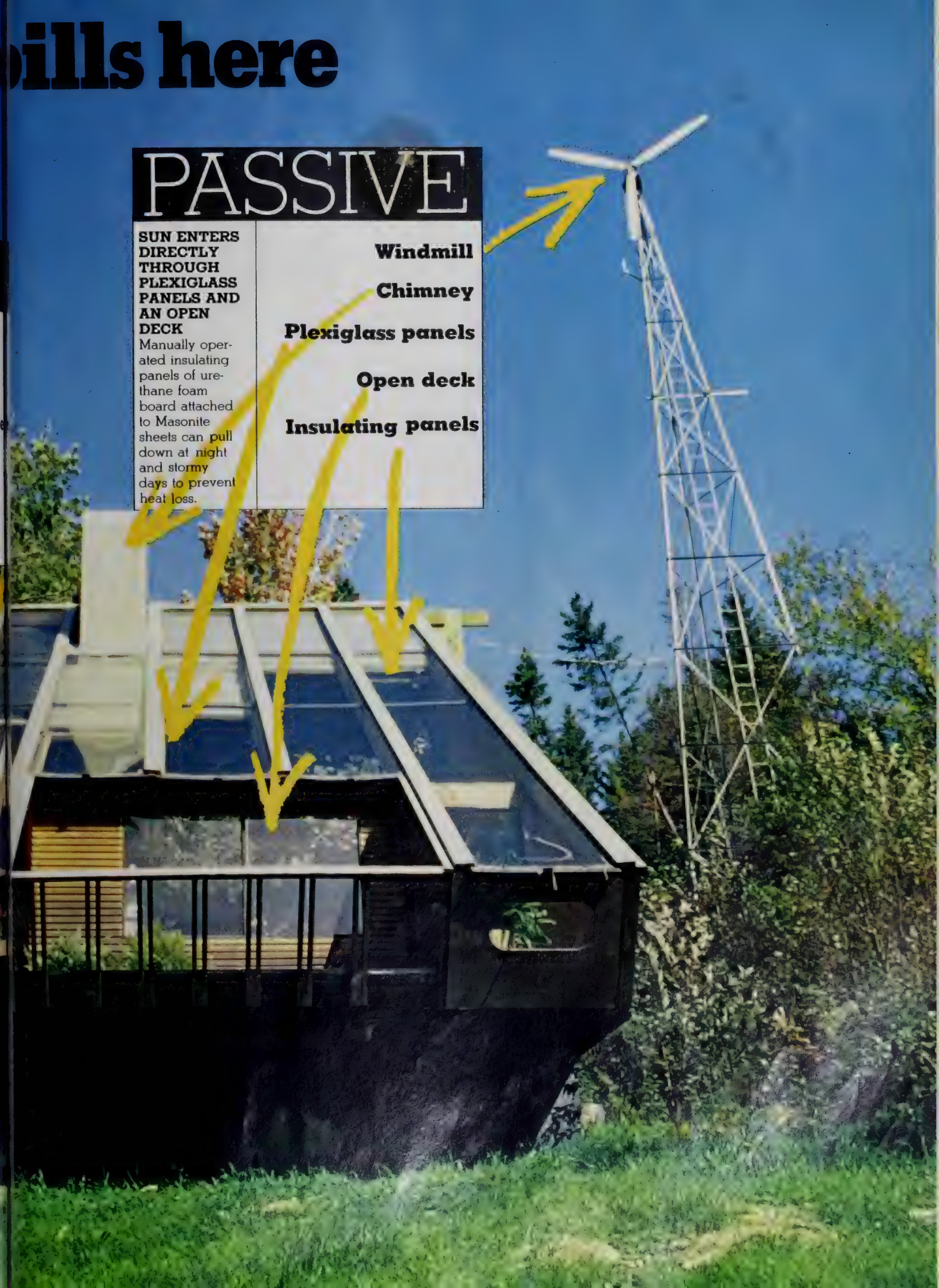
ACTIVE

FOUR ACTIVE SOLAR PANELS HEAT THE DOMESTIC WATER
Water heated by the "Sunworks" panels—the only active solar elements in the house—is stored in a 150-gallon tank in the basement.

Solar pane

Tom Yee

ills here


PASSIVE
SUN ENTERS DIRECTLY THROUGH PLEXIGLASS PANELS AND AN OPEN DECK
Manually operated insulating panels of urethane foam board attached to Masonite sheets can pull down at night and stormy days to prevent heat loss.
Windmill
Chimney
Plexiglass panels
Open deck
Insulating panels

Nature pays the fuel bills

"Now even our six-year-old understand

Tom Yee

Like living in a greenhouse—there's one sunlit, central, plant-filled living space with bedrooms tucked above. Even corn and other vegetables thrive under the skylight. Fan recirculates heat that rises naturally to the top of the house, and bottom windows open for air circulation.

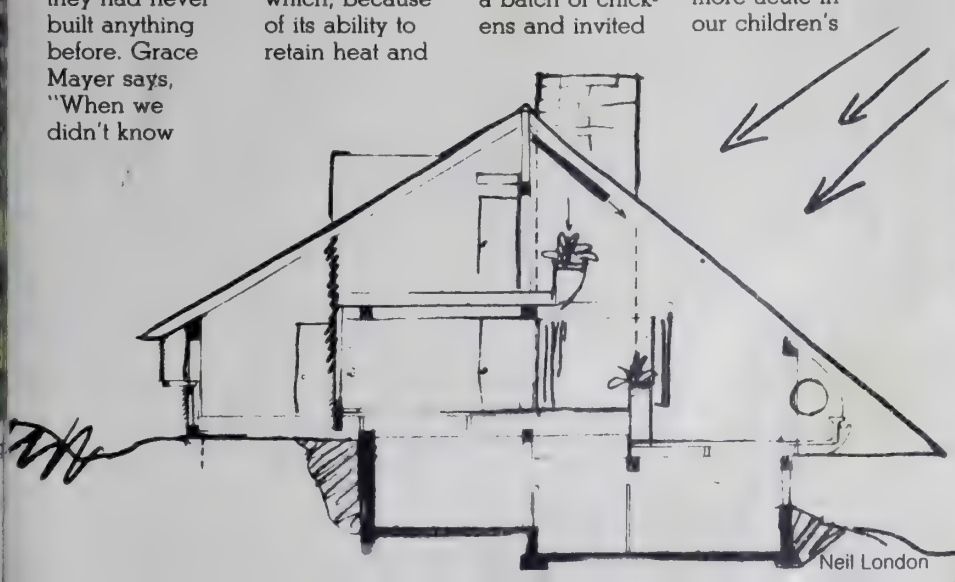
here power comes from"

MORE ENERGY-SAVING IDEAS ON THE INSIDE
Above: "Sunworks" panels above entrance. *Right:* Two wood-burning stoves feed into chimney that stores heat as central fireplaces did in old Colonial saltbox houses.

BUILDING IN THE NEW ENGLAND PIONEER SPIRIT
Grace and Don Mayer did a lot of work on the house themselves, although they had never built anything before. Grace Mayer says, "When we didn't know how to do something, we read books and learned a lot." They put up their own windmill, did all the interior painting, and installed the slate floor—which, because of its ability to retain heat and give it off slowly, acts as a thermal battery. And when the house was partially completed, they had an updated version of a barn raising: They barbecued a batch of chickens and invited all their friends over to help put in the skylights, install the stairs, and put up the siding and trim. "Because the energy problems will become even more acute in our children's time, we felt that it was important for them to learn about these things," Don Mayer says. See Building Facts.

WIND POWER
Windmill provides about 25 percent of the electricity for this house, and on a site with 12-mile-per-hour winds could provide up to 50 percent.

WINDOWS ANGLED TO CATCH THE SNOW
On the north side of the house, windows are angled to hold the snow on the roof. Because snow never has a temperature below 32 degrees, it acts as an insulator in very cold weather.



Neil London

After 150 years, it's as young as it feels

On Nantucket, a house with a fresh outlook on the great old New England style

This classic 1836 Greek Revival house on the island of Nantucket is twice-blessed. It has what is believed to be the last remaining rose window on Nantucket tucked into its gable, and the inside has been carefully planned, in modern style, to run itself. Its owner, novelist Michael Gardine, has loved Nantucket since childhood vacations and the house contains a lifetime of collecting crafts of the island. His friend Billy Baldwin designed the living room, right. He had the whole room painted one color which Mr. Baldwin calls moonstone, covered four of his famous slipper chairs and a sofa, and used Mr. Gardine's own antique rag rug, the color of pearls. Everything is slip-covered in cotton for comfort and practicality.

"You're never tired of a blank wall," says Mr. Gardine, which is why the absolute minimum has been used to make this room feel so calm. Mr. Gardine's collection of shells rests on shelves Mr. Baldwin added to balance the window; lightweight furniture adapts easily for parties.

Beadle

Simple does it—every room's a lesson in the appealing display of simple things

Comfort and ease of living were the two most important factors in designing the rooms in this old house. Every room was painted white and every floor stripped down to the natural wood. Except in rugs, there are no patterns or colors in any of the fabrics used throughout the house: No pattern and no color make it seem as if there is no fabric, either! Instead of curtains, shutters close the windows and reinforce the clean, architectural lines in each room. To minimize clutter, personal objects have been put away. Objects in the rooms are chosen for their color, shape, or texture, such as a single plant, a bowl of cowrie shells, or a grouping of Mr. Gardine's collection of yellow-ware plates.

Mr. Gardine also collects Nantucket folk art such as tradesmen's signs, which are used instead of paintings. The dining room, below left, however, does have a painting. Appropriately enough, it's of a Great White Whale, as Nantucket was an important whaling port. The rest of the house is filled with things from Nantucket except the brightly colored cases of ribbons which line the stairway, above. They're awards that Mr. Gardine's Missouri grandfather had won for his prize-winning chickens.

The layout of the rooms was not changed when Mr. Gardine bought the house. The only remodeling done was in the kitchen, above middle, where a ceiling had to be removed. The exposed beams were then given a coat of whitewash to bring the ceiling into harmony with the whiteness of the rest of the house. Collections perched high on shelves and hutch-tops draw the eye upward.

lle

In the upstairs sitting room, above left, four rustic Adirondack rocking chairs rest in the corners. Mr. Gardine's collection of American Indian rugs hangs on the walls like so many colorful—and very modern—graphics.

The downstairs den, top and bottom right, has two walls lined floor-to-ceiling with books. Otherwise the walls are hung with shop signs and small framed watercolors. A handloomed Nantucket rag rug in soft pearl gray and white looks almost blue with the two slipper chairs—one slipcovered in Moonstone, the other in blue.

Taste our miracle. Sabra Liqueur.

It was our creation. But it all began in Ancient China. A seed, very tiny in size, started to grow. And grow it did into a wondrous new fruit so rich in taste, that the Emperor passionately cherished it.

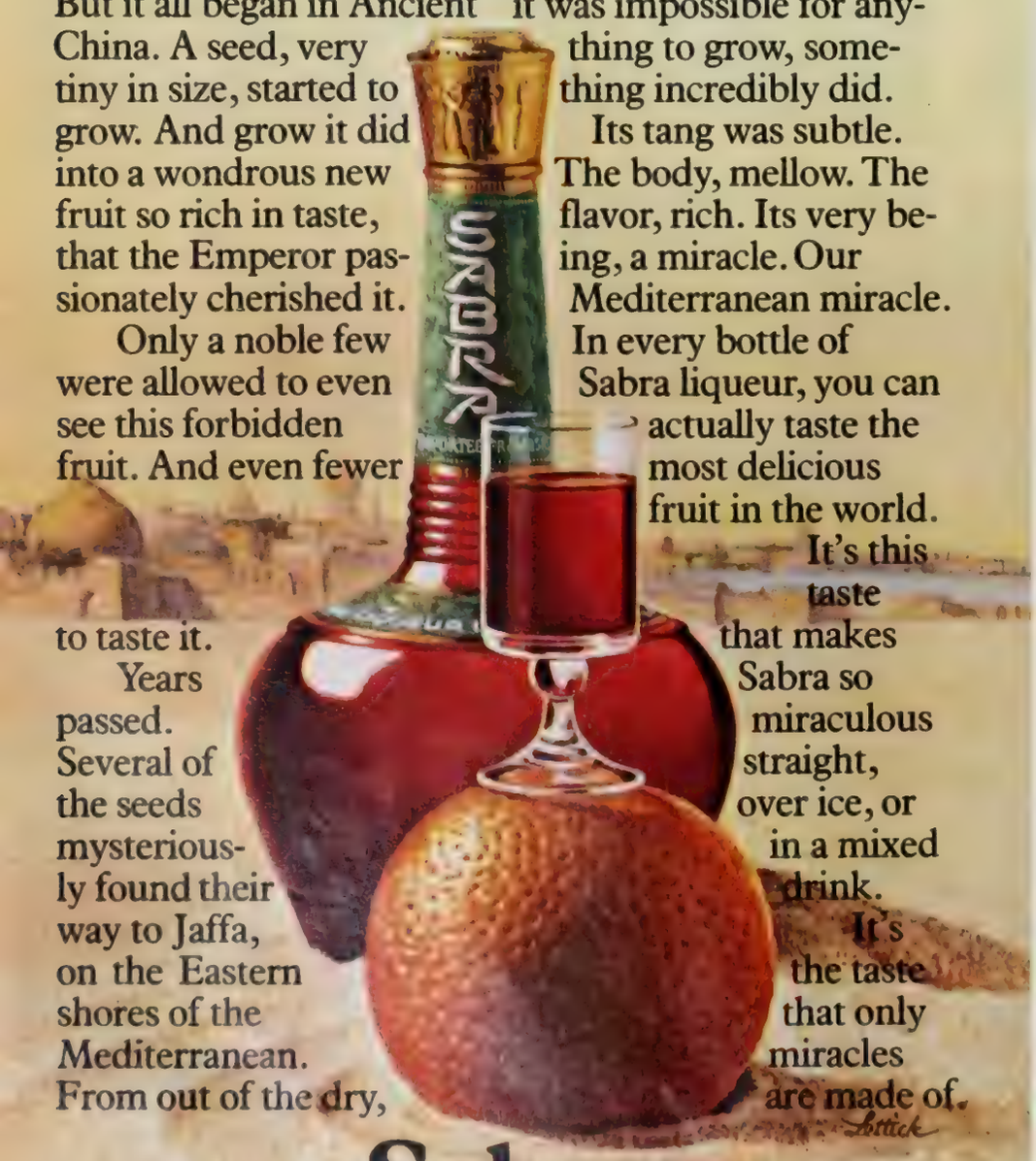
Only a noble few were allowed to even see this forbidden fruit. And even fewer to taste it.

Years passed. Several of the seeds mysteriously found their way to Jaffa, on the Eastern shores of the Mediterranean. From out of the dry, sun-scorched sands, where it was impossible for anything to grow, something incredibly did.

Its tang was subtle. The body, mellow. The flavor, rich. Its very being, a miracle. Our Mediterranean miracle. In every bottle of Sabra liqueur, you can actually taste the most delicious fruit in the world.

It's this taste that makes Sabra so miraculous straight, over ice, or in a mixed drink.

It's the taste that only miracles are made of.



Sabra
IMPORTED LIQUEUR

IMPORTED AND BOTTLED BY PARK AVENUE IMPORTS 375 PARK AVENUE N.Y.C. 52 PROOF

MEAL IN MINUTES

MENU FOR FOUR

Pan-fried steak with garlic and thyme
Fresh cabbage salad
Sautéed apples with Bourbon

A cooking background of simple French family food can easily translate American ingredients into quick, no-fuss dinners, as Bonnie Fleuridas, a French artist living in Arizona, has discovered. When busy preparing gallery shows or making travel plans, she turns to foods with distinct personalities that are at their best with little adornment, most of them found in any market. The preparation for this menu, one similar to meals Ms. Fleuridas enjoyed as a child, can be done well ahead; the cabbage salad is a plus since it won't wilt even if it stands several hours. Mix together oil and tarragon vinegar with salt and pepper in a salad bowl. Add sliced mushrooms and shredded cabbage and toss gently, then refrigerate. Core apples for dessert—do not peel—slice thinly, sprinkle with lemon juice, and refrigerate covered, until time to sauté them. Set plates in the oven to warm while you fry the steak over moderate heat—before turning, sprinkle the steak with sliced garlic and thyme, then finish cooking, about 6 minutes in all. Deglaze the pan with vinegar for a tangy sauce—and to accent the steak, Ms. Fleuridas suggests a California burgundy. When you are ready for dessert, sauté apple slices quickly in hot butter, then pour in Bourbon—after a few seconds, flame the fruit and serve it warm at the table.

Pan-fried steak with garlic and thyme

INGREDIENTS

1½–2 pounds sirloin steak, preferably less than 1 inch thick
1–2 cloves garlic, peeled and thinly sliced
Thyme
2 tablespoons red-wine vinegar or cider vinegar
¼ cup California burgundy

METHOD

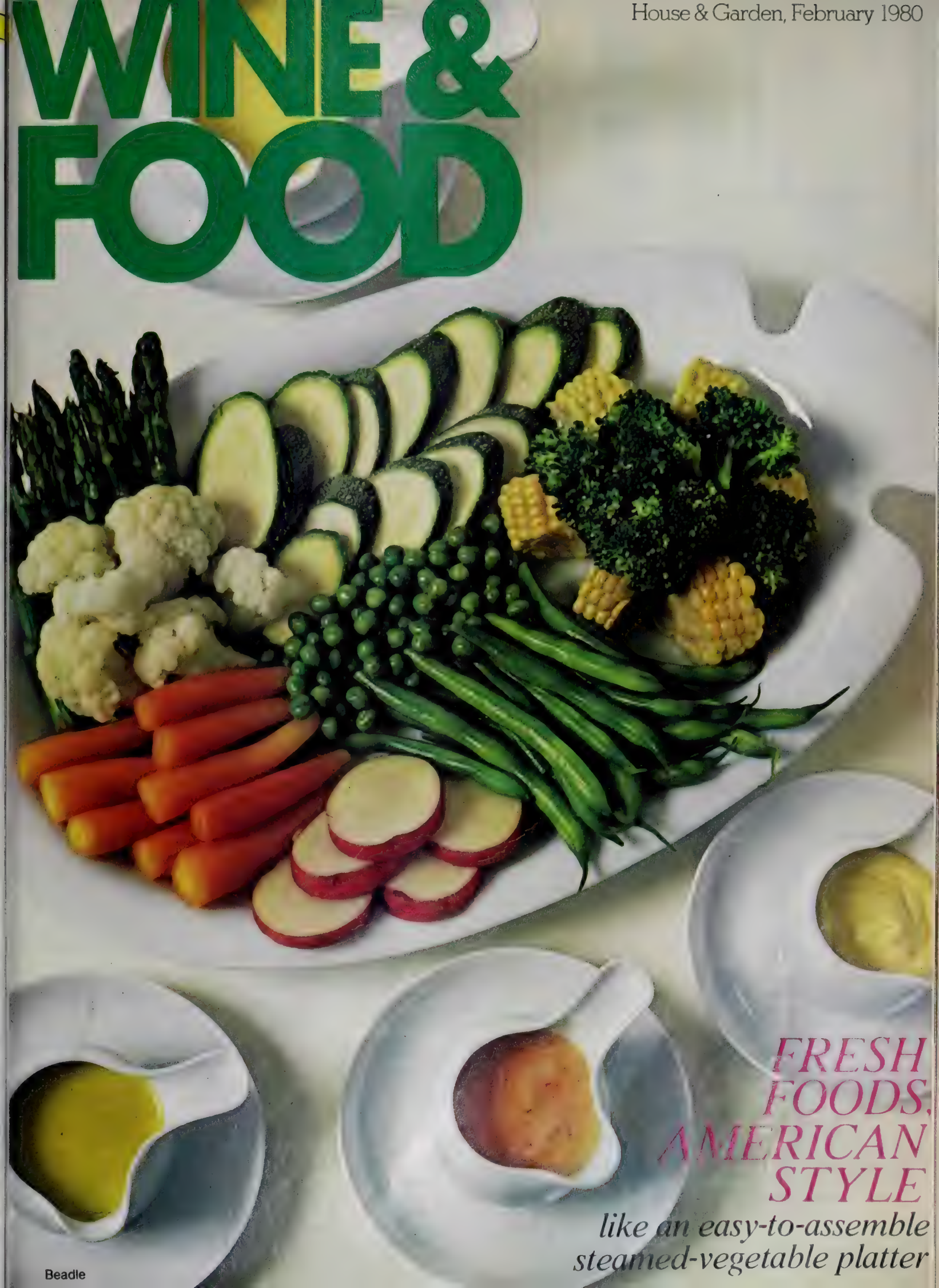
☐ Trim the steak of any excess fat. Place steak in a heated ridge-bottomed or cast-iron skillet (you may want to add a bit of fat if using a flat-bottomed pan), and cook

Continued on page 140

Opposite page: *Freddi Greenberg serves a platterful of vegetables, each steamed to its own degree of tenderness, with four (and sometimes more!) sauces so guests can try some of each. Sauces starting at top, clockwise: Hollandaise, Mornay, tomato cream, and curry. Recipes, page 126. Shopping information, page 180.*

House & Garden, February 1980

WINE & FOOD



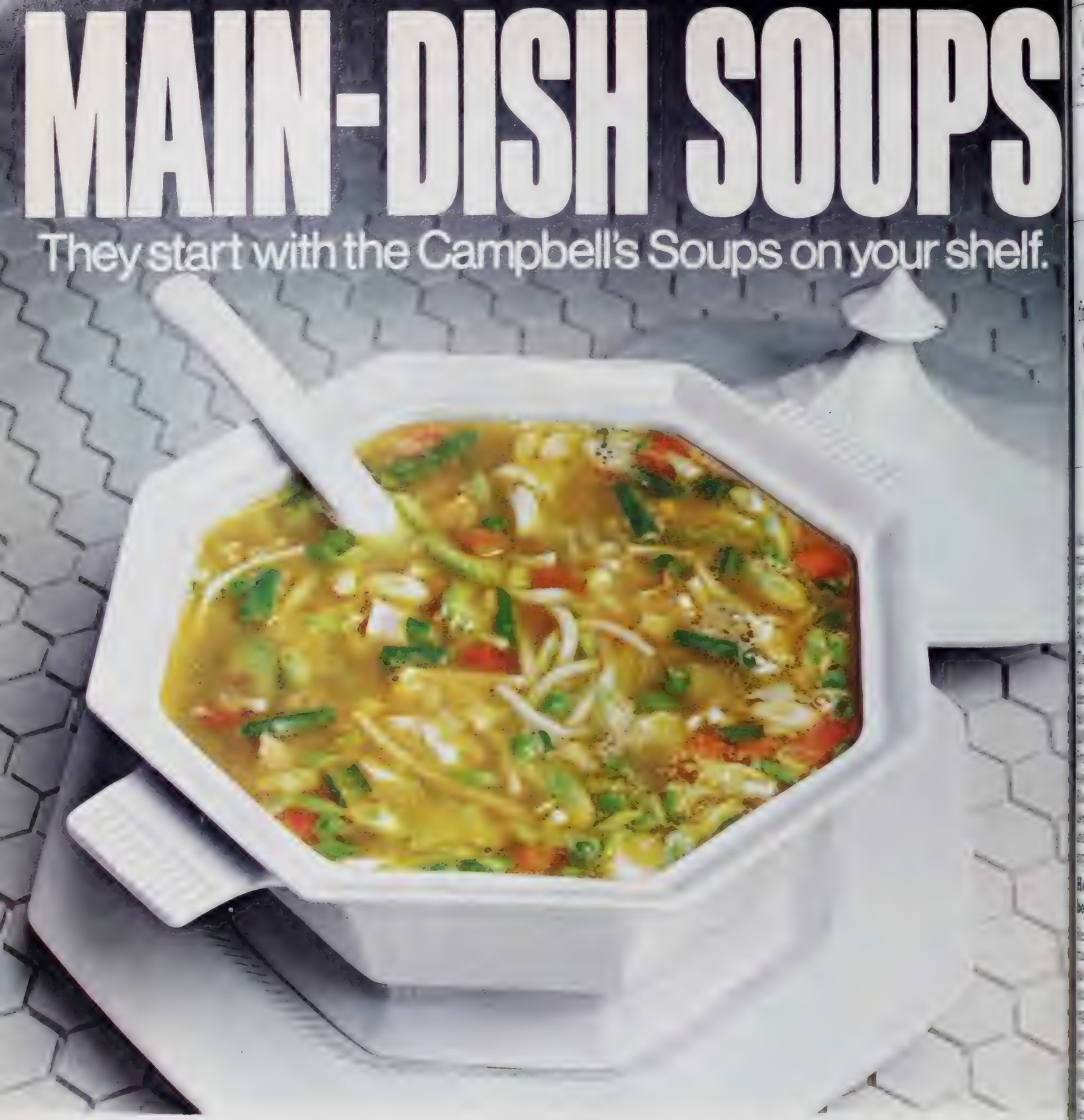
FRESH FOODS, AMERICAN STYLE

like an easy-to-assemble steamed-vegetable platter

Beadle

MAIN-DISH SOUPS

They start with the Campbell's Soups on your shelf.



Oriental Chicken Vegetable Soup

¼ cup diagonally sliced green onions
½ cup diagonally sliced celery
¼ tsp. ground ginger
1 tbsp. butter or margarine
1 can (10¾ oz.) Campbell's Chicken Noodle Soup
1 can Campbell's Chicken with Rice Soup
2 soup cans water
1½ cups cubed cooked chicken
1 pkg. (10 oz.) frozen mixed vegetables
4 tsp. soy sauce
¼ tsp. salt
Generous dash pepper

In large saucepan, cook onions and celery with ginger in butter until tender. Add remaining ingredients. Simmer 10 min. or until done. Stir often. Makes 7½ cups.

Taco Tureen (NOT SHOWN)

1 lb. ground beef
1 medium onion, chopped
1 small green pepper, chopped
1 can Campbell's Beef Broth
1 can (10¾ oz.) Campbell's Tomato Soup
1 can Campbell's Golden Mushroom Soup
1 can (28 oz.) Campbell's Pork & Beans with Tomato Sauce
1 soup can water
1 package (about 1¼ oz.) taco seasoning mix

In large saucepan, brown beef and cook onion and green pepper until tender (use shortening if necessary); stir to separate meat. Pour off fat; add remaining ingredients. Simmer 10 min.; stir often. Makes 9 cups.

A world of good cooking brought home with Campbell's.

STEAM COOKING UPDATE

A roundup of ideas and tips from good cooks on the cooking method that locks in flavor and nutrition

Steaming—it's an age-old method with special meaning for today's new, lighter cuisine. "Steam cooking is simplicity itself," says Robert Zinkhon in *No Pressure Steam Cooking* (Taylor & Ng)—it "keeps the flavor and the healthful elements right where they belong." To save nutrients, follow the United Fresh Fruit and Vegetable Association's "three R's": *Reduce* the amount of water used, *reduce* cooking time, and *reduce* surface area exposed.

Health and flavor benefits

Steaming vegetables and fruits preserves water-soluble nutrients like minerals and vitamins A and C. If you cut vegetables just fine enough to cook quickly and don't let them wilt before cooking, you'll save even more vitamin C. A covered pan keeps out light and air which can destroy B vitamins and carotenes, the base of vitamin A. Steaming is economical, too—by layering ingredients, you can steam an entire meal in one pot on top of the stove without heating the oven for long periods.

Steaming meat reduces shrinkage that often occurs with other cooking methods, and as the meat cooks, a good deal of the fat drips into the steaming liquid and can be skimmed off. Using wine or broth for the liquid and adding herbs and spices not only flavors the food, but also creates a ready-made sauce to be reduced for more concentrated flavor (or it can be thickened if desired).

Equipment tips

Some of the newest steamers double as spaghetti and seafood cooking pots, make blanching for freezing a snap, and are pretty enough to bring to the table. An asparagus steamer is just right for corn on the cob, broccoli spears, and whole carrots. You can improvise a steamer with a simple colander or mesh strainer placed in a saucepan over boiling liquid and covered tightly. Michel Guérard converts his fish poacher to a steamer by raising the rack above the cooking liquid with jar tops. You can use heatproof custard cups for the same effect. Steamers make handy plate warmers—stack plates in one of the upper baskets while food cooks in the lower ones, or place on top of a saucepan after you remove the steamer insert.

Richard Olney, in *Vegetables* (third in Time-Life Books' new series "The Good Cook"), suggests steaming small or cut-up vegetables in a lettuce leaf nest. Just rinse large leaves (their moisture is enough to do the cooking) and place several in the bottom of a pan so they rise a bit up the sides. Vegetables go in the center to be covered with more leaves. Place covered pan over low heat and cook about 10 minutes, or until leaves wilt.

Maurice Moore-Betty sets his "daisy" steamer out flat in a large skillet for extra cooking area. Just place a damp Handi-Wipe on top to trap the steam. When you want to keep several vegetables separate in one steaming basket, tie up peas, sliced squash, turnips, corn in cheesecloth and bundle celery strips, green beans, julienned carrots with a scallion leaf "string."

Hints from good cooks

In *Cooking the Nouvelle Cuisine in America* (Workman Publishing), Michele Urvater and David Liederman pop ripe avocado slices into a steamer for 3 minutes—delicious garnish for chicken and fish.

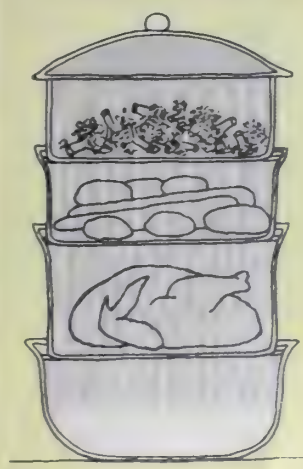
James Beard prefers to steam an often-boiled food, converted rice—when steamed, it triples in volume. Using stock, flavored according to the main course, for the liquid yields a richer rice.

A quick side dish: Steam canned salmon or tuna, flavored with soy sauce, scallions, sesame seeds, slivered ginger, alongside rice for 15 minutes. From *The Great Asia Steambook* (Taylor & Ng) by Irene Wong.

For a less watery, vitamin-packed purée, steam fruits and vegetables, then mash, recommend Mary Dustan Turner and James Turner in *Making Your Own Baby Food* (Workman Publishing). A big plus: No last-minute fussing or pans to wash if you arrange a heatproof platter or plate with the food to be cooked. A luncheon in Simone Beck's latest book, *New Menus from Simca's Cuisine* (Harcourt Brace Jovanovich), features trout or sole fillets. Sprinkle with lemon juice and herbs, dot with butter, then wrap each plate in foil, place on top of a large saucepan of boiling water, and steam 5-8 minutes. To cook a whole fish, cut down the backbone, remove it, then arrange fish on plate butterfly-fashion,

Continued on page 139

Three-story supper

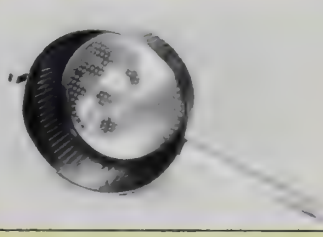


Stack foods in order of steaming times: meats first, root vegetables later, leafy greens and fruits last.

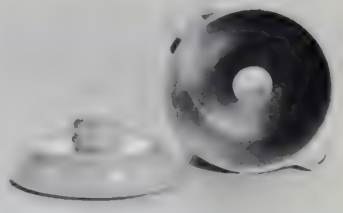
Lynn Reiter

Three ways to steam

Classic asparagus steamer. Hammacher Schlemmer.



Spaghetti strainer hooks over saucepans. Vollrath.



Roger Bester

2-quart stoneware steamer. La Cuisinière.

See Shopping Information

A medley of vegeta steamed whole, the warm on the stove over hot water

Marina S

Salmon-mousse-stuffed sole fillets; chrysanthemum-strewn, boned stuffed capon with mussel salad for a first course; leg of lamb sports an her

DON'T THINK STEAMING IS JUST FOR VEGETABLES

Steamed capon? Steamed leg of lamb? Why not? "It's a terrific way to cook, especially in a kitchen with limited space," says Doug Spingler, *right*. "You use fewer burners since you can stack foods one on top of the other; steaming is often faster than other methods, it doesn't heat up the kitchen."

Steamed soup! Clams, squab, and vegetables steam in the tureen from which the soup is served

Chocolate amaretto cake and chocolate sauce; julienned citrus zest tops a spiced winter fruit compote; steamed pears support a caramel lattice

"Any food can be steamed, but for variety's sake you wouldn't want every dish in a meal to be steamed." Mr. Spingler, who is chef of Today's Restaurant in Washington Depot, Conn., teaches cooking classes at The Silo in New Milford, Conn. He taught the dishes above in his steaming classes. "The lamb can be cooked to the same degree of doneness as it can be roasted, and the meat is very moist with a subtle flavor. A coating of herbs makes it look appetizing." The capon can be stuffed with a scallop mousse for an elegant meal or more simply prepared with branches of fresh herbs tucked under the skin in a mosaic pattern. More herbs and a branch of celery go into the cavity. The pears steam in a center-funnel steamer to catch juices. Mr. Spingler reduces the liquid and uses it for basting a turkey or ham. The soft heat of steaming suits fish particularly well—it cooks fast without danger of the fish drying out. Light, clear sauces for the fish, chicken, and lamb start with well-flavored stocks, reduced for extra flavor and body, then thickened with a little cornstarch—no butter needed, and easily done ahead. Steamed English puddings inspired Mr. Spingler's nut-studded chocolate version which has a delightful texture that is both pudding and cake at once. Recipes, page 128. Shopping information, page 180.

SIMPLE FOOD, SIMPLY COOKED

Brown breads and jams to sample

An honest, easy approach to food —that's the American way, exemplified in Marion Cunningham's make-ahead buffet lunch, *above right.* Author of the newly revised *Fannie Farmer Cookbook* (Knopf), Mrs. Cunningham calls her style "a kind of Monday-through-Friday cooking."

MAKE-AHEAD BUFFET LUNCH

y loaves with 2 cheeses, molded butter

Shaping whole wheat and "monkey" breads

The comfortable, home-style food Marion Cunningham favors springs from local seasonal meats and produce. Traditional dishes are the backbone of her cooking repertoire, foolproof favorites she improves until they're her own, like the brown and black breads. Their dense, chewy texture and herbed or nutty flavors complement a light vegetable soup and cold chicken with green peppercorn vinaigrette, and team up well with fresh farmer cheese, Monterey Jack, and her own spicy papaya pickle. For dessert, a tantalizing choice of just-picked strawberries, anise cookies and fruit-nut crackers, or chocolate cake roll with chestnut butter. Recipes, page 132.

WINES WITH SOMETHING EXTRA

BY DORIS TOBIAS

Fortified wines—port, sherry, Madeira, and Marsala—for warming winter sipping and cooking

Marinate shrimp in sherry, oil, soy, garlic, then broil

Gingered melon chunks in Sercial Madeira

Wine inspires us and fires us," Captain MacHeath sang in John Gay's Beggar's Opera at its first performance in London 250 years ago. The glass that he lifted to that rousing song most likely contained one of the three fortified wines then so popular in England—port, sherry, and Madeira.

A fortified wine from Italy—Marsala—became popular in 18th-century England. It was especially fashionable there in Regency and Victorian times and continues to be relished by connoisseurs, especially those who enjoy a smoothly-sweet dessert wine.

There's something wonderfully civilized about having sherry as an apéritif, or port, Madeira, or Marsala after dinner. It seems to make us one with the many historical and literary figures who have praised their felicitous qualities. These wines differ from what are known as table wines. Grape spirits are added—thus the name, "fortified"—during the special processes that impart the distinctive tastes that give them their continuing and wide-ranging appeal. The added brandy-like spirits lift the alcoholic content of these wines to over 14 percent, and so out of the table wine category. Fourteen percent is the maximum permitted for table wine in this country. And that added alcohol is quite useful: It heightens the inspiriting qualities of the fortified wines and improves their stability. An opened bottle of fortified wine will keep—if tightly recorked, of course, or in a lidded, tightly-stoppered decanter—for many months. Well-made ports, sherries, and Marsalas, kept unopened, remain sound and drinkable for from 50 to 100 years. And there have been Madeiras, reliably dated as having been bottled 150 years ago, still drinkable.

Light Marsala spritzer with seedless grapes

Port

Port is a richly flavored, naturally sweet wine that its producers in Portugal would prefer to have the world call "Porto." The four types of red port are: Vintage—a rich, often overwhelming wine, now rarely found here; crusted port—similar, but a blend of wines from several vintages; ruby—a blended port made from young wines and the least expensive; and tawny port, which owes its lighter color and smoother taste to aging in casks for a decade or more.

Ruby and tawny ports are the ports used for sipping or for making mixed drinks and in cooking. Vintage and crusted ports are too costly and elegant to be mixed—just as you wouldn't use a great vintage Bordeaux, Château Lafite-Rothschild for example, to make wine spritzers by mixing with sparkling water. White port, made from white grapes, is lighter than the red ports and makes a delicious apéritif when well-chilled.

Sherry

The sherries usually shipped to the U.S. fall into three main categories: Fino—extremely dry and pale in color, perfect as an apéritif, chilled, or on the rocks; amontillado—medium dry and a deeper gold than fino, with a delightfully nutty flavor. It also makes a lovely apéritif; oloroso—the darkest, richest, most full-bodied and fragrant, not surprisingly so, for the Spanish word *oloroso* means "fragrant." What are known as milk and cream sherries are really other names for rich oloroso.

Madeira

Madeira, favorite wine of the American colonists and of Thomas Jefferson and our other Founding Fathers, comes in four distinct types. They run the taste gamut from light and dry to heavy and unctuously sweet. Sercial—driest and most delicately flavored, excellent as an apéritif. Some types of Sercial are called by the somewhat whimsical name Rainwater; Verdelho—more golden and sweeter, also suitable as an apéritif or after meals; Boal, sometimes spelled Bual—a sweet, golden wine excellent with desserts or after dinner; Malmsey—a richly-sweet wine of almost liqueur-like intensity, by itself after dinner or as a nightcap.

Marsala

A fortified wine that's often overlooked, in the emphasis on the more famous three, is Marsala. It is Sicily's great contribution to the genre and a Sicilian wine that has deservedly won an international reputation.

Marsala's tawny color and warm, sweet flavor is imparted by a final addition of grape alcohol and boiled, concentrated wine. The result is a very sweet wine with the smell and taste of caramel. Marsala is aged in cask up to five years, and the dark amber wine that results has a somewhat dry undertaste to counterpoint its dominating sweetness.

Definitely a dessert wine, Marsala is the basis of the

Continued on page 124

NORA SCARLETT

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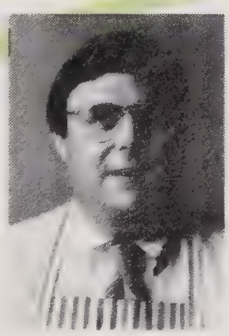
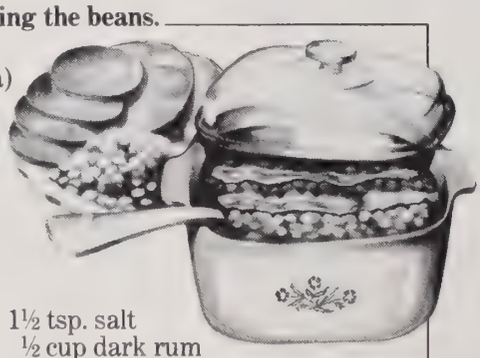


Did you ever discover a recipe that was so terrific, you wanted to keep it secret? Well here's one of my favorites*—but I'm about to spill the beans. Then you can spill them, too—because they're home-baked beans that you spoon out as a sensational accompaniment for almost anything. (They turn even ordinary cold cuts into a super supper!) I make them in my 3-quart Corning Ware® casserole, which comes clean even after all those hours of baking.

Spilling the beans.

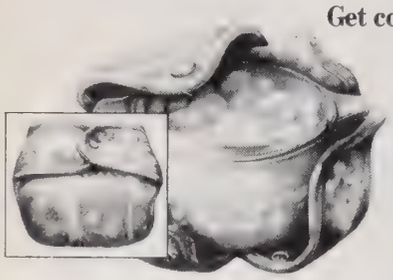


1 lb. dry white beans (pea, navy or California)
2 tsp. butter
1 clove garlic, bruised
1 large onion, finely chopped
3 strips fried bacon, crumbled
2 T. dark brown sugar
2 tsp. Worcestershire sauce
4 T. molasses
5 T. chili sauce
1 T. dry English mustard
1 tsp. curry powder
1½ tsp. salt
½ cup dark rum
2 cups tomato juice (approximately)
3 strips uncooked bacon

Add beans to a large pot of boiling water; return to boiling. Boil 5 minutes, turn off heat; let stand 1 hour. Heat oven to 275°. Grease casserole with butter; rub with garlic. Drain beans; add remaining ingredients except tomato juice and uncooked bacon; mix well. Add ¼ cup tomato juice; transfer to casserole. Place uncooked bacon on top. Bake covered 8 or more hours (until tender) adding ¼ cup tomato juice every hour, or as beans dry out.

Cooked up by my friend Bert Greene, author of the wonderful new cookbook, *Bert Greene's Kitchen Bouquets.*

Get cozy with Corning.



A hot new idea for keeping food hot—on its way to a neighbor's, a picnic, or your own dinner table—is a Pyrex® Bake 'N' Carry set. The cheerful, quilted "cozy" snaps on over a Pyrex casserole. Our 2-quart clear casserole comes with a blue calico cozy, and our 2½-quart decorated casserole comes with a yellow print cozy. The Bake 'N' Carry collection is at department and specialty stores. Each set is attractively packaged—so you're all set for gift giving!

A cleaner you'll take a shine to.

A number of products do a fine job of cleaning Corning Ware cookware, but there's one that was specially formulated for the job. Originally made and distributed by us, it's now sold as Elco Cleaner-Conditioner. A non-abrasive liquid, it cleans and shines both Corning Ware cookware and smooth-top ranges. There's also a powder cleanser. If your store doesn't carry them, drop me a note and I'll see that you receive information about how to order direct, along with a special discount offer.

Well I'm clean out of space for now.

At your service,

CORNING

continued from page 122

voluptuous Italian dessert zabaglione, which the French call sabayon, and of the rich sauces which the Italians use to embellish veal and ham.

Great warming drinks with fortified wines

These animating combinations are super as cold-weather apéritifs—and can double as a first course. Add a basket of Italian breadsticks, or serve with tangy canapés, such as smoked salmon on thinly sliced, buttered pumpernickel; caper-stuffed anchovies; or a platter of feta cheese and Greek olives.

- Blend ½ cup ruby port with 1½ cups rich beef stock. Season with a little freshly ground pepper, a pinch of salt, and a few dried tarragon leaves. Simmer over low heat 1-2 minutes, being careful not to let the mixture boil. Pour into warmed mugs. Makes 2 servings.
- Mix ½ cup fino (dry) sherry with 1½ cups chicken stock and place over low heat until hot, but not boiling. In a separate bowl, beat 1 small egg with a fork or wire whisk until light and frothy. Pour the egg in a thin steady stream into the sherried broth to form little ribbons. Serve in heated bowls with a dusting of freshly ground pepper and a few leaves of finely chopped parsley.
- Fill a double Old Fashioned glass to the halfway mark with crushed ice or ice cubes. Pour over the ice 2-3 ounces Marsala and fill with sparkling water. Garnish with a cluster of small seedless grapes.
- Brew your favorite tea on the strong side. Pour into pretty glass mugs. Add a tablespoon of Boal Madeira to each and stir. This is pleasant as an after-dinner drink as well as a warming apéritif.
- Combine 3 ounces dry fino sherry with 2 ounces Guinness or other stout. Stir and serve at room temperature. The combination sounds unlikely, but, surprisingly, the stout and sherry complement each other's flavors intriguingly.
- Stir a tablespoon of ruby or tawny port into each bowl of rich onion soup.
- Turtle soup and sherry are a classic pair. Now that turtles are becoming an endangered species, serve lobster bisque enriched with a little fino sherry.
- Pour a jigger (1½ ounces) of ruby or tawny port into elegant tulip or flute champagne glasses. Fill with champagne or other sparkling wine and stir gently.

Great cooking ways with fortified wines

- Combine equal parts of lemon juice and Boal Madeira. Spoon over sponge cake. The infusion is more delicious if the cake has been warmed or if the liquid is spooned over freshly baked cake.
- Blend a cup of ruby or tawny port with a cup of rich chicken stock and

Continued on page 126

18 little-known things you can do with your microwave. And one well-known friend to help you. Corning.

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*Allow 4-6 weeks for delivery

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And in your freezer.

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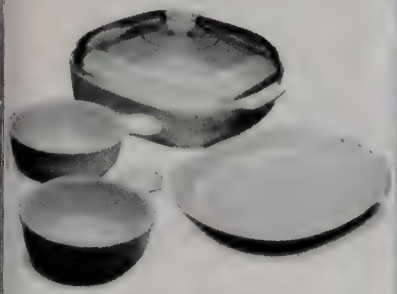
And in your dishwasher.

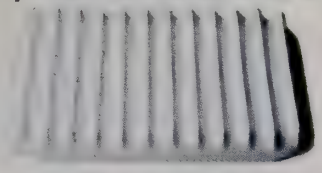
Microwave may help you make the most of your time.

But Corning can help you make the most of microwave.



Corning Ware 5-Piece Microwave Set

Pyrex ware Microwave Starter Set



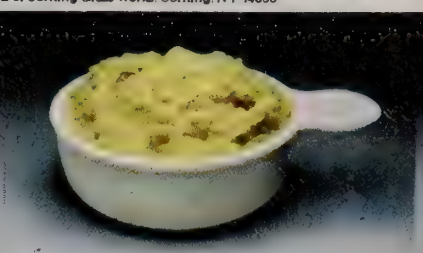
Corning Ware Microwave Rack

Corning Ware Fast Food Dishes

Corning Ware 10" Covered Cooker with Built-in Rack

CORNING

Brown and sear steaks perfectly on a Corning Ware Microwave Browning Grill.



Hot oatmeal for one takes 1 minute in a Corning Ware Grab-It.™

A garden of vegetables from microwave to table in 4 mins. on a Pyrex Cook 'n Serve Tray.

Frozen entrees fit perfectly in the Corning Ware Microwave Fast Food Dish.

Cook frozen vegetables without water in a 1 qt. Corning Ware casserole. 5 minutes.

Meat-loaf in Pyrex Microwave Ring Mold takes only 11 minutes. Looks great.

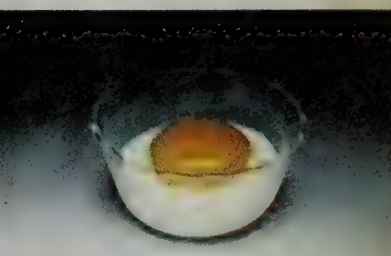
For juicier barbequed chicken, pre-cook in microwave for 12 minutes. Use a Corning Ware roaster.

Boil 3 tbsp. vinegar in cup of water for odor-free microwave oven. Takes 1 minute.

Hot, buttered corn with no mess in a Corning Ware skillet. 7 minutes.

Shrimp come out crisp, tender and beautiful in Pyrex ware Fireside bowl.

Reheat a latecomer's dinner right on a Corelle livingware dinner plate.



Cook an egg in 30 seconds in a Pyrex ware custard cup.

Artichokes from raw to cooked in 14 minutes in a Corning Ware casserole.

For bacon that goes crunch, cook on a Corning Ware Microwave Rack.

Yours. Send 25¢ postage/handling to Microwave Cookware Guide, Box 1212, Corning, N.Y. 14830.*

Crisp up limp potato chips in a Pyrex ware bowl. 1 minute.

Melt cheese on taco chips for quick, hot hors d'oeuvres. Use Corelle livingware platter.

This symbol on a Corning package means ideal for microwave

Good spirits
continued from page 124

baste capon or turkey as it roasts for luscious flavor and a savory sauce.

● Pare, slice, and core six large, firm McIntosh or other seasonal apples into wedges about ⅛ inch thick. Lightly grease a roasting pan with butter and place the slices in one layer in the pan. Sprinkle the apples with a little granulated sugar and a bit of powdered cinnamon. Pour over them ½ cup amontillado sherry. Bake in a preheated 400° oven 10-12 minutes or just until apples are tender and have absorbed the nutty flavor of the sherry. Serve warm or chilled. Pass a pitcher of melting vanilla ice cream for those not counting calories.

● Here's a winey sauce to serve with individual steaks, or to glamorize a meatloaf, or to heat with sliced smoked tongue. Melt 3 tablespoons butter in a saucepan. Add 1½ tablespoons finely minced shallots and cook over low heat until shallots are limp, stirring so they don't brown. Stir in 2 teaspoons flour, using a whisk, until smooth and blended. Now add ½ cup ruby or tawny port, stirring until smooth. Continue to stir while you add 1 cup rich beef stock, whisking until smooth. Season with freshly ground pepper, ½ teaspoon Dijon mustard, 1 teaspoon lemon juice, and a pinch of thyme. Taste for salt and add a little if you wish. Makes about 1½ cups.

● Madeira'd melon: Peel, seed, and cube honeydew, casaba, or any other seasonal melon and place in a large bowl. For every 2 cups melon cubes add ½ cup Sercial Madeira and a sliver of fresh ginger root. Toss well, cover, and refrigerate several hours. Serve the cubes in balloon wine glasses as a refreshing dessert along with crisp *langues du chat*.

● A quick and delicious little sauce is made with a cup of port, a tablespoon of *glace de viande* (concentrated meat jelly), a half teaspoon of grated orange zest, and a bit of salt and freshly cracked pepper. Combine ingredients in a saucepan and cook 5-8 minutes, until well blended. Before serving, swirl in a tablespoon of butter for added richness and sheen. Elegant with roast duckling, game birds, or roast leg of lamb.

● Pears poached in port make a wonderfully fruity dessert. Cover peeled, halved pears with a blend of ⅓ port to ⅔ apple juice. An inch stick of cinnamon or a bit of grated nutmeg is optional. Poach until pears are tender, usually about 10 minutes, and permit pears to cool in the liquid. Spoon into glass compote or balloon wine glasses. Nice at room temperature. A dablet of *crème fraîche* makes a suave counterpoint.

● Sherried scampi: Clean, shell, and devein 2 pounds of large shrimp. Place in a bowl. Add 1 cup fino sherry, ⅓ cup light olive oil, 1 large clove garlic, finely minced, 2 dashes Tabasco, and ¼ cup light soy sauce. Grind whole white peppercorns (or black if you don't have white) over them, cover, and refrigerate several hours. This may be done in the morning if you plan to serve them for dinner. When ready to broil, remove shrimps from marinade, place 3 inches below heat, and broil 2-3 minutes on each side, basting with the marinade. Fluffy rice and a tossed green salad make pleasant accompaniments . . . plus a slender baguette. Serves 4-6.

● Fortified tomatoes: When the only tomatoes available are at less than their seasonal peak, here's a way to revive them. Lucious as a garnish for any roast—especially with leg of lamb.

4 large, firm tomatoes
Butter
Salt, freshly ground pepper
⅓ cup Sercial or Rainwater Madeira
8 tablespoons fine bread crumbs
4 tablespoons Italian parsley, very finely minced
½ cup Gruyère cheese, finely grated

Peel and core tomatoes and slice about ⅓ inch thick. Place on a lightly buttered cookie sheet in one layer. Season with salt and pepper and drizzle each slice with Madeira. Set aside for ½ hour to macerate. When ready to bake, sprinkle tomatoes with bread crumbs, then with finely minced parsley. Spoon a little melted butter over each slice and top with grated cheese. Bake in a preheated 375° oven 10-15 minutes, or until tender but not mushy, and the topping is golden. Serves 6-8 as a vegetable garnish. ■

Wine & Food cover
continued from page 115

Sour cream and green peppercorns

INGREDIENTS

1 cup sour cream
2 tablespoons green peppercorns, mashed
½ teaspoon salt

METHOD

☐ Combine all ingredients and blend thoroughly. Spoon into serving bowl, cover, and refrigerate at least one hour before serving. Makes 1 cup. Great on raw vegetables, too.

Golden Mornay sauce

INGREDIENTS

4 tablespoons (½ stick) sweet butter
4 tablespoons all-purpose flour
2 cups milk
½ teaspoon dry mustard
½ teaspoon salt
⅛ teaspoon cayenne pepper
1 cup sharp Cheddar cheese, coarsely grated
2 egg yolks, lightly beaten

METHOD

☐ Melt butter in a saucepan over moderate heat. Add flour and cook 1 minute, stirring until flour dissolves. Add milk and bring to a boil, stirring often. Stir in mustard, salt, and cayenne and simmer 5 minutes, stirring often. Remove pan from heat and stir in cheese. When cheese has melted and sauce is smooth, stir a few spoonfuls into yolks to warm them. Return pan to low heat, add yolk mixture, and stir until sauce thickens slightly. Do not boil. Makes 2½ cups sauce. Sauce can be prepared a day ahead, covered, and refrigerated. Reheat over hot water in a double boiler.

Fresh tomato-cream sauce

INGREDIENTS

2 tablespoons sweet butter
¼ cup onion, minced
½ teaspoon garlic, minced
2 tablespoons all-purpose flour or more as needed
1 cup fresh tomato purée (about 4 large plum tomatoes)
1 cup heavy cream
1 teaspoon salt
2 tablespoons fresh parsley or basil, chopped

METHOD

☐ Melt butter in a saucepan over moderate heat. Add onion and garlic and cook 2 minutes, stirring often, until onion is soft. Sprinkle with flour and cook 1 minute, stirring until flour dissolves. Stir in tomato purée and cream and bring to a boil. Reduce heat and simmer 5 minutes, stirring often. Stir in salt and basil just before serving. Makes 3 cups sauce. Sauce can be prepared a day ahead and refrigerated, covered. Reheat just before serving.

Creamy pesto dressing for vegetables

INGREDIENTS

2 eggs
2 very large cloves garlic, peeled
2 tablespoons red- or white-wine vinegar
½ cup fresh basil leaves or 1 teaspoon dried with ½ cup fresh parsley, chopped
1 teaspoon salt
½ teaspoon pepper
½ cup Parmesan cheese, freshly grated
1 cup olive oil

METHOD

☐ Place all ingredients except oil in a blender or food processor and blend until smooth. Turn machine on low speed and start adding oil in a very thin stream. Continue until all oil has been added. Serve at once, or cover and refrigerate until needed. Makes 2 cups. Sauce is also delicious as dip for raw vegetables.

Curry velouté

INGREDIENTS

4 tablespoons sweet butter
½ cup apple, peeled, cored, and finely diced
½ cup onion, minced

Continued on page 128

THE SOUTHWEST SCRAMBLE©
With Eggs and California Avocados.

Folks with a taste for the sun just love sitting down to a good, hearty supper. But that doesn't have to mean it's heavy, or hard to make. Delicious, golden-green California Avocados and The incredible edible egg get together to make this skillet supper in just minutes. And it's a dandy.

Incredible California Avocado Skillet Supper

4 servings

- 1 California avocado, peeled, pitted (dice ½ and slice remaining ½ avocado into crescents)
- 1 Tbs. lemon juice
- 2 Tbs. butter
- ½ cup chopped onion
- ½ cup chopped green pepper
- 8 eggs
- ¼ cup milk
- ½ tsp. salt
- Dash pepper
- ½ cup shredded Cheddar or Monterey Jack cheese
- Mexican salsa (hot sauce) to taste

In small bowl mix avocado and lemon juice and set aside. In large skillet over medium heat, cook onion and green pepper in butter until tender but not brown. Meanwhile, mix eggs, milk, salt and pepper with a fork or rotary beater. Pour egg mixture over onions and green pepper. As eggs begin to set, gently draw pancake turner completely across bottom and sides of skillet, forming large soft curds, until eggs are thickened but still moist. Mix in diced avocado and cheese. Top with salsa and sliced avocado crescents (as illustrated). Accompany with hot buttered tortillas and heated refried beans topped with additional shredded cheese.

Love Food from California

© 1980 California Avocado Advisory Commission

The incredible edible egg
American Egg Board ™

Wine & Food cover
continued from page 126

2 tablespoons all-purpose flour
2 tablespoons curry powder (preferably Madras)
2 cups chicken broth
½ cup heavy cream
Salt, freshly ground pepper

METHOD

☐ Melt butter in a saucepan over moderate heat. Add apple and onion and cook 5 minutes until apple is tender. Sprinkle with flour and curry and stir 1 minute until flour and curry dissolve. Stir in broth and bring to a boil. Reduce heat to low and simmer 5 minutes, stirring often. Transfer sauce to a blender or food processor and purée. Return to saucepan, stir in cream, salt, and pepper, and simmer 3 minutes longer. Makes 2½ cups. Sauce can be prepared a day ahead and refrigerated, tightly covered. Reheat just before serving.

Herbed hollandaise

INGREDIENTS

4 egg yolks
2 tablespoons lemon juice or wine vinegar
¾ teaspoon salt
Dash cayenne pepper
½ cup (1 stick) sweet butter, melted (do not let cool)
2 tablespoons fresh tarragon, mint, parsley, or chives, finely chopped

METHOD

☐ Place yolks, lemon juice, salt, and cayenne in bowl of a food processor fitted with the metal blade or in a blender. Process 3 seconds, until yolks are blended, then, with machine still running, start adding hot melted butter in a thin stream. When all butter has been added, stir in herbs. Serve at once. Makes about ¾ cup.

Ginger dipping sauce

INGREDIENTS

½ cup soy sauce, preferably light or naturally fermented soy
¼ cup red-wine vinegar
2 teaspoons vegetable oil
1 teaspoon fresh ginger, minced
2 tablespoons scallions, thinly sliced

METHOD

☐ Blend soy sauce with vinegar, oil, and ginger. Cover and let stand 30 minutes or longer before serving. Float scallion slices on top before serving. Makes about ⅔ cup.

Lemon caper sauce

INGREDIENTS

½ cup olive oil
3 tablespoons lemon juice
¼ cup scallions, chopped
2 tablespoons capers, drained
½ cup parsley sprigs, tightly packed
1 tablespoon anchovy paste (optional)
½ teaspoon salt
¼ teaspoon freshly ground pepper

METHOD

☐ Place all ingredients in a food processor or blender and blend until fairly smooth. Sauce will keep, tightly covered, 3 days in the refrigerator. Makes about 1 cup. This sauce is also delicious with boiled beef, poached fish, or chicken. ■

Steaming
continued from page 119 ~

Steaming menus from Doug Spingler

Clams-and-squab soup
Steamed leg of lamb with garden vegetables
Steamed chocolate-amaretto cake

Mussels with mustard sauce
Scallop-mousse-stuffed capon
Caramelized steamed pears

Spinach crêpes
Salmon-mousse-stuffed sole
Spiced fruit compote

Clams-and-squab soup

INGREDIENTS

1 46-ounce can clam juice or chicken broth

CREAM PIE VS.

Turn plain cream pie into higher, lighter, creamy Dream Pie.
So easy and m-m-m... so delicious!

On the left, a plain lemon cream pie. On the right, a luscious Lemon Dream Pie. It's made with Dream Whip® Whipped Topping Mix, extra Jell-O® Brand Instant Pudding, and milk. That makes the creamy light difference.

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Dream Pies look great, taste great, and hold their shape beautifully. You'll want to turn your plain cream pies into higher, lighter, creamy Dream Pies.

GF GENERAL FOODS

18 littleneck clams (about 1¼ pounds) or 1 pound mussels, well scrubbed
⅓ cup dry sherry
1 or 2 squab or 1 Cornish game hen or 1 pound chicken wings
6 dried Chinese mushrooms
⅓ cup turnips, julienned
½ cup fresh or frozen peas
2–3 large tomatoes, peeled, seeded, and chopped
⅓ package fresh spinach, cleaned and stemmed
⅓ cup scallion tops, chopped, for garnish

METHOD

☐ Place clam juice in a saucepan and bring to a boil, add clams, boil 4–5 minutes until they open. Remove and reserve. Pour boiling broth into a soup tureen or bowl that will fit into your steamer. Add sherry, squab, and mushrooms to clam juice and steam 1 hour. Add turnips and steam 10 minutes. Stir in peas, tomatoes, spinach, and clams. Let heat through, then remove tureen from steamer, garnish soup with scallion tops, and serve. Serves 6 as a first course, 2–3 as a main course.

Steamed leg of lamb with garden vegetables

INGREDIENTS FOR LAMB AND VEGETABLES

2 heads garlic
2 tablespoons thyme
2 tablespoons fennel seed
2 tablespoons rosemary
3–4 bay leaves
1 teaspoon black peppercorns
1 leg of lamb, trimmed of fat and cut to fit steamer basket (reserve meaty trimmings for stock) and weighing about 6 pounds trimmed
8–10 small beets, peeled
1 small head cauliflower
1–2 small eggplants
8–10 small beets, peeled
1 small head cauliflower
8–10 white onions, peeled
1 bag baby carrots, scrubbed
8 small zucchini
8 small yellow squash
Mixed chopped fresh herbs for garnish

INGREDIENTS FOR SAUCE

1 quart lamb stock
1 clove garlic, minced
1 tablespoon fresh mint, chopped
1 tablespoon parsley, chopped
1 tablespoon rosemary
1 teaspoon thyme
1 teaspoon lavender leaves, chopped (if available)

METHOD FOR LAMB

☐ Fill the bottom of your steamer with water and add garlic, thyme, fennel seed, rosemary, bay leaves, and peppercorns. Bring the water to a boil over moderate heat and simmer, covered, 20 minutes.

☐ Place the lamb on the first basket of your steamer—it will take about 1½ hours to reach medium rare. When the lamb has steamed 1 hour, begin adding vegetables in the top basket of the steamer according to cooking time. Add beets and cauliflower to steam 30 minutes. Ten minutes later, add eggplant and onions to steam 20 minutes. After 5 minutes, add carrots to steam 15 minutes. After 5 more minutes, add zucchini and yellow squash to steam 10–12 minutes. Place lamb on serving platter and press chopped fresh herbs onto the surface of the meat if desired. Let meat rest briefly before slicing. Serves 8.

METHOD FOR SAUCE

☐ Place lamb stock and herbs in a heavy saucepan, bring to a boil, boil until reduced to 2 cups. Strain, serve hot with lamb.

Mussels with mustard sauce

INGREDIENTS

1 quart good chicken stock reduced to 3 cups
3 pounds mussels, trimmed of beards and well scrubbed with a stiff brush
4 tablespoons onion, grated
3 tablespoons Dijon mustard
3 tablespoons sugar
4 tablespoons corn or safflower oil
4 tablespoons wine vinegar
4 hard-cooked egg yolks

Continued on next page

Lemon Dream Pie...as simple as a, b, c.

2 envelopes DREAM WHIP®
2¾ cups milk
2 packages (4-serving size) JELL-O® Brand Lemon Flavor Instant Pudding*
1 prepared pie crust

***or use any other flavor**

a. Prepare whipped topping mix as directed on package (using 1 cup milk) in large mixing bowl. Add remaining 1¾ cups milk and pudding mix.

b. Whip, then beat at high speed for 2 minutes, scraping bowl occasionally.

c. Spoon into pie shell. Chill at least 4 hours.

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Steaming
continued from preceding page

METHOD

☐ Bring the chicken stock to a simmer in a heavy saucepan. Add the mussels, cover, and cook over moderate heat until the mussels open, shaking the pan occasionally so they cook evenly. Remove the mussels with a slotted spoon and set aside. When they have cooled, remove mussels from shells, reserving both mussels and shells. Strain the broth through several layers of cheesecloth and reserve to make sauce for the stuffed capon (recipe below).

☐ Place onion, mustard, sugar, oil, vinegar, and egg yolks in a food processor and blend thoroughly. Place a little of this sauce in each shell, top with a mussel, and arrange them on a platter with thinly sliced raw beet and lettuce leaves.

Scallop-mousse-stuffed capon

INGREDIENTS

2 shallots, peeled and minced
1½ pounds bay or sea scallops
1 egg white
1 ounce ham, finely minced
1½ tablespoons dry sherry
1 cup heavy cream
Salt, pepper
1 6-pound capon or roasting chicken, boned
Reserved mussel cooking liquid (see recipe above)
Pinch saffron
Cornstarch
White wine

METHOD

☐ All ingredients should be well-chilled. Place shallots, scallops, egg white, ham, sherry in food processor or blender and purée. While these ingredients are blending, slowly add cream until well incorporated. Season to taste. (You can test mousse by placing a teaspoonful of mixture in boiling water and cooking until firm.)

☐ Salt and pepper the cavity of the capon and stuff with the mousse. Truss the capon and pour boiling water over the bird to tighten the skin and make it easier to handle. Place bird on a large dinner plate on a level above the water in your steamer. Steam approximately 1½ hours—the capon should reach 165°, the mousse 145°. Remove capon from steamer and let stand briefly before carving. Place reserved mussel-cooking liquid in a saucepan and bring to a simmer. Stir in a pinch saffron and, if desired, a bit of cornstarch mixed with a little white wine for thickening. Serve with the capon. Serves 8–12.

Salmon-mousse-stuffed sole

INGREDIENTS FOR SOLE

½ pound fresh salmon, skinned, boned
2 shallots, peeled and minced
1 egg white
1½ tablespoons brandy
1 cup heavy cream
Salt, pepper
8 good-sized sole fillets

INGREDIENTS FOR SAUCE

1 quart fish stock
2 tomatoes, chopped
1 tablespoon arrowroot or cornstarch
2–3 tablespoons dry white wine

METHOD FOR SOLE

☐ All ingredients should be chilled. Place salmon, shallots, egg white, and brandy in food processor or blender and purée, adding cream slowly. Season to taste. (You can test the mousse by placing a teaspoonful of the mixture in boiling water and cooking it until firm.)

☐ Salt and pepper the sole lightly and spoon equal amounts of mousse onto each piece of sole up to 2 inches from the narrow end of each. Roll up each piece and secure with toothpicks. Place rolls on a large dinner plate or serving platter and refrigerate until ready to steam.

METHOD FOR SAUCE AND ASSEMBLY

☐ Boil the fish stock with the tomatoes in a heavy enameled saucepan until it is reduced by ⅓ or more. Strain into another saucepan and bring back to a boil. Dissolve arrowroot or cornstarch in the wine and stir into simmering sauce a little at a time until sauce thickens a bit. Keep hot.

☐ Place the plate with the fish on a level above the water in your steamer, cover, and steam 6–8 minutes or until toothpick feels hot on your wrist (140°–150°). Arrange rolls on a serving platter and garnish with

Continued on page 132

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After all, Grey Poupon is the Dijon mustard made in the original French style with fine white wine. And, like fine wine, the subtle delicate flavor of Grey Poupon enhances the taste of any meal. That's why you'll find Grey Poupon served in the finest restaurants. Enjoy it as one of life's finer pleasures.

Steaming
continued from page 130

julienned carrots, turnips, scallion strips if you like. Ladle some sauce over fish, serve rest separately. Serves 8.

Steamed chocolate-amaretto cake

INGREDIENTS FOR CAKE
¾ cup (1½ sticks) unsalted butter or margarine
¾ cup granulated sugar
8 eggs, separated
4 ounces semisweet chocolate, melted in ¼ cup strong coffee
2 tablespoons amaretto liqueur
2 tablespoons dark rum
4 slices white bread, crusts removed, dried, and crumbled
¾ cup almonds, toasted and crushed
Pinch cream of tartar
INGREDIENTS FOR SAUCE
4 ounces chocolate syrup
1 tablespoon amaretto
1 tablespoon dark rum

METHOD FOR CAKE
☐ Cream butter in a large bowl, gradually adding sugar. When well mixed, add the egg yolks one at a time. Continue mixing until light and fluffy.
☐ Add the amaretto and rum to the melted chocolate and blend into the egg-sugar mixture. Stir in the bread crumbs and almonds and mix thoroughly.
☐ Beat the egg whites with the cream of tartar in a large bowl until stiff peaks form. Fold the beaten whites into the chocolate mixture and pour into a well-greased 1½-quart pudding mold or bundt pan. At this point, the uncooked cake can wait up to 2 hours, refrigerated, before steaming.
☐ Cover the cake tightly with the mold cover or greased foil and place in a pot of boiling water. Steam over moderate heat 1 hour. Check to make sure the water level has not dropped below 1½ inches from top of mold. Remove the mold from the water, dry it lightly, and uncover. Run a knife gently around the edge and invert onto a serving plate. Serves 6–8.
METHOD FOR SAUCE
☐ Mix together the chocolate syrup, amaretto, and rum in a bowl. You may heat it gently if you wish. Drizzle some over the cake, and pass the rest separately.

Caramelized steamed pears

INGREDIENTS FOR PEARS
10 medium-sized, firm pears
1 teaspoon Fruit Fresh
2 cups granulated sugar
3 cups water
1 cup sweet white wine
INGREDIENTS FOR CARAMEL
2 cups granulated sugar
⅔ cup water
Pinch cream of tartar
2 tablespoons light corn syrup
Chopped pistachio nuts for garnish

METHOD FOR PEARS
☐ Peel the pears and soak them in water with the Fruit Fresh to prevent discoloration. Stir together the sugar, water, and wine in a saucepan, bring to a boil, and let boil 1 minute.
☐ Place drained pears in a bowl suitable for steaming and cover with the syrup. Steam 40 minutes, remove bowl from steamer, and chill pears in the syrup.
METHOD FOR CARAMEL
☐ Place sugar in a heavy-bottomed saucepan, add water, cream of tartar, and corn syrup. Cover the pan, bring to a boil, swirling the pan occasionally, then boil uncovered until mixture reaches caramel stage, about 15–20 minutes. Brush down crystals on sides of pan with a wet pastry brush occasionally. While syrup cooks, drain the pears, cut a thin slice from the bottom of each, and arrange them on a well-greased serving platter. When the caramel is ready, remove the pan from the heat, let stand 30–45 seconds, then ladle it generously over each pear to cover. Sprinkle with chopped pistachios. The pears can stand 1½–2 hours before serving. Serves 10.

Spiced fruit compote

INGREDIENTS
1½ pounds mixed dried fruit—pineapple, pears, apricots, apples, figs, papaya, golden raisins
⅓ cup brandy
1½ cups honey
4 cinnamon sticks
Zest of 1 lemon
Zest of 1 orange
1 teaspoon whole cloves
Lemon or orange zest, julienned, for garnish

METHOD
☐ Soak the dried fruit in a large bowl of cold water to cover 2–3 hours. Drain liquid into a saucepan and place fruit in a bowl or serving dish suitable for steaming.
☐ Bring the liquid to a boil, remove from the heat, and stir in the brandy, honey, and 2 cinnamon sticks. Pour over the fruit and add the lemon and orange zests.
☐ Fill your steamer with water and add the cloves and 2 cinnamon sticks. Bring to a boil, then place the bowl or dish of fruit over the water. Cover and steam 30 minutes. Remove bowl from steamer, let cool briefly, then chill. Sprinkle compote with julienned zest and serve cold. Serves 8. ■

Buffet lunch
continued from page 121

Marion Cunningham's buffet lunch
Vegetable soup
Cold chicken with green peppercorn vinaigrette
Whole wheat bread
Oatmeal bread
Black bread
Farmer cheese
Monterey Jack
Olive-oil pickles
Papaya pickle
Janice Pike's perfect pickles
Chocolate cake roll with chestnut butter
Fresh strawberries
Anise fruit-nut cookies
Fruit-nut crackers

Vegetable soup

INGREDIENTS
2 tablespoons butter
1 onion, peeled and chopped
2 carrots, scraped, quartered, and sliced
2 ribs celery, sliced
2 quarts chicken stock
2 tomatoes, peeled and chopped
2 zucchini, quartered and sliced
1½ cups fresh spinach, washed and cut in small strips
Salt

METHOD
☐ Melt the butter in a pot, add the onion, carrots, and celery. Cook over medium heat, stirring often, 5 minutes. Add the stock and tomatoes and simmer 10 minutes. Stir in the zucchini and cook 2 minutes. Add the spinach and cook 1 minute longer. Add salt to taste. Serve hot. Makes 8 cups (2 quarts).

Continued on page 134

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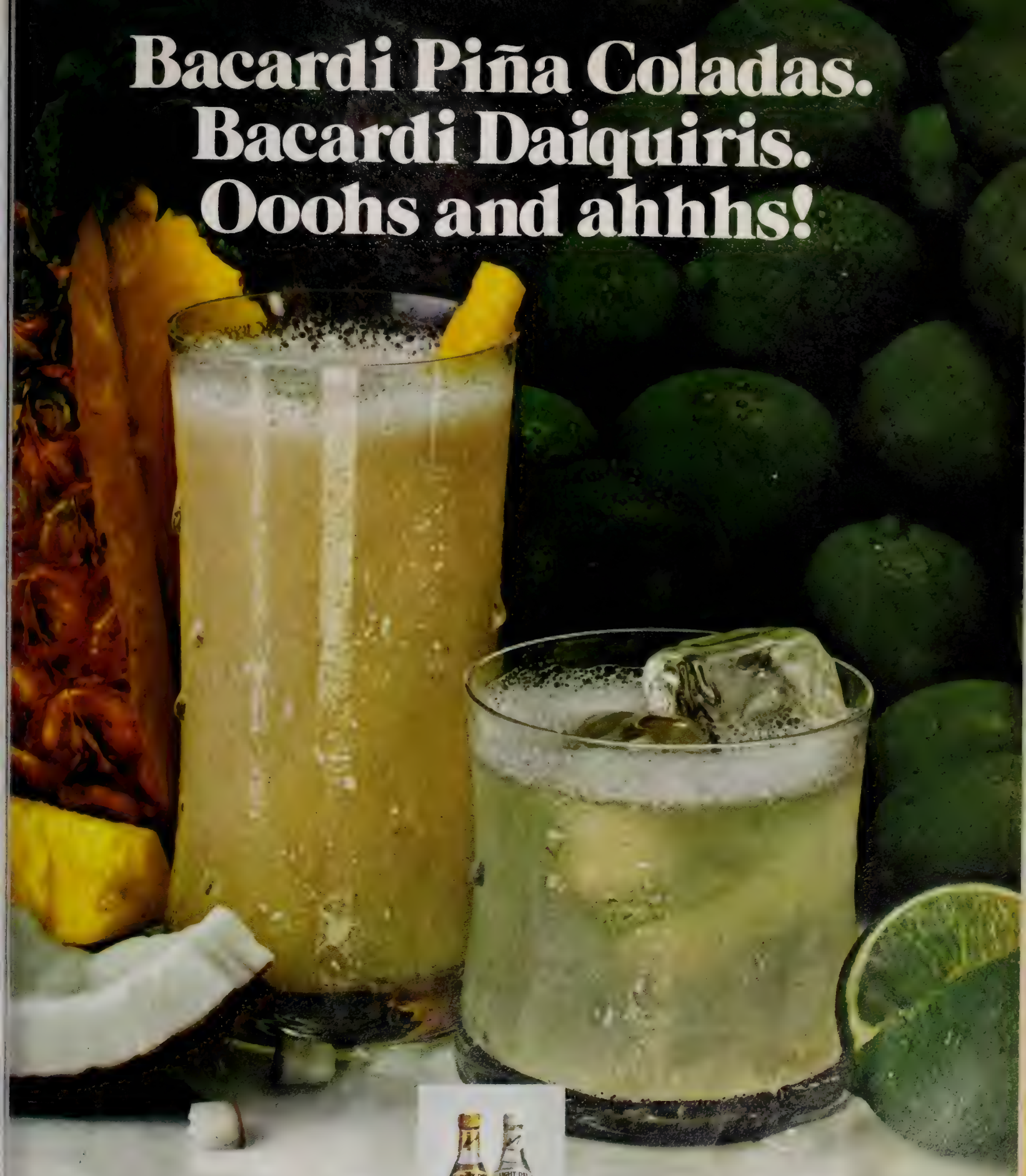

Oooh! Frosty, frothy Piña Colada.
Simply shake or blend 1 oz. cream of coconut and 2 oz. unsweetened pineapple juice (or use prepared mix), with 1½ oz. Bacardi dark rum and crushed ice. Serve tall with ice and a pineapple spear.

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continued from page 132

Cold sliced chicken with green peppercorn vinaigrette

INGREDIENTS

1 teaspoon salt
1½ tablespoons red-wine vinegar
½ cup olive oil
2 tablespoons green peppercorns
1 cold poached chicken, sliced

METHOD

☐ Mix the salt with the vinegar in a small bowl and let stand 5 minutes. Add the oil and blend well. Crush 1 tablespoon of the peppercorns and stir into the vinaigrette, then add the remaining 1 tablespoon of whole peppercorns. Arrange the chicken on a platter, stir the vinaigrette, and pour over. Serves 6.

Whole-wheat bread

INGREDIENTS

2 packages active dry yeast
½ cup warm water (110°-115°)
½ cup brown sugar
1 tablespoon salt
2¼ cups lukewarm water
¼ cup shortening (Crisco)
3½ cups whole-wheat flour
4 cups all-purpose flour

METHOD

☐ Sprinkle the yeast on ½ cup warm water and stir to dissolve. Dissolve the brown sugar and salt in a large bowl with the 2¼ cups lukewarm water. Add the shortening, whole-wheat flour, and 1 cup of the all-purpose flour to the sugar-salt. Stir in the yeast. Beat thoroughly to mix well.

☐ Stir in the remaining flour to make a dough that leaves the sides of the bowl. Turn out on a floured surface, cover, and let rest 10 minutes. Knead until smooth and elastic, about 10 minutes. Place in a greased bowl, turn to coat all sides, then cover and let rise in a warm place until doubled in bulk, about 1½ hours.

☐ Punch dough down and shape into 2 balls. Let rest, covered, 10 minutes. Shape into loaves, place in 2 greased 8-by-4½-inch loaf pans. Let rise in a warm place until dough reaches top of the pan sides, about 1½ hours. Bake in a preheated 375° oven about 45 minutes. Remove from pans, cool on racks. Makes 2 loaves.

To make the "monkey" bread:

Follow the recipe for whole-wheat bread. After it has risen once, punch dough down and break off pieces about the size of golf balls, or a little bigger. Dip the balls in melted butter and place them in a greased metal pan—shape of the pan is not important. Fill the pan half full and let the dough rise in a warm place until doubled in bulk. Bake in a preheated 375° oven 45 minutes. Remove from pan and cool on rack.

Oatmeal bread

INGREDIENTS

1 package active dry yeast
¼ cup hot water (100°–110°)
2 cups boiling water
1 cup instant oatmeal
2 teaspoons salt
½ cup molasses
1 tablespoon shortening
5–6 cups unbleached flour

METHOD

☐ Sprinkle the yeast over the ¼ cup hot water in a small bowl, stir to mix, set aside. Pour the 2 cups boiling water over the oatmeal in a large bowl. Add the salt, molasses, shortening. Stir to blend and let stand 15 minutes.

☐ Add the yeast to the oatmeal mixture and stir in enough flour to make a firm dough. Lightly dust a surface with flour and turn the dough out. Knead 3 or 4 minutes, adding only enough flour to make the dough manageable. Let dough rest 5 minutes, then knead another 5 or 6 minutes, or until the dough is smooth and elastic.

☐ Place dough in a greased bowl, turn to coat all sides, cover, let rise in a warm place until doubled in bulk, about 2 hours or longer, depending on room temperature.

☐ Punch dough down and divide in half. Place in 2 greased loaf pans. Cover lightly and let double in bulk. Bake in a preheated 350° oven 45 minutes. Turn out onto racks and let cool. Makes 2 loaves.

Black bread

INGREDIENTS

2 packages active dry yeast
½ cup hot water (110°–115°)
2¼ cups warm water
2 teaspoons salt
4 tablespoons butter, softened
¼ cup dark molasses
4 tablespoons cider vinegar
1 square (1 ounce) unsweetened chocolate, melted
2 tablespoons caraway seeds, crushed
½ teaspoon fennel seeds, crushed
2 teaspoons instant coffee
2 cups bran flakes
4 cups rye flour
3¼ cups all-purpose flour
1 teaspoon cornstarch
½ cup cold water

METHOD

☐ Sprinkle the yeast over the ½ cup hot water in a small bowl and stir to dissolve. Place the 2¼ cups warm water, salt, butter, molasses, vinegar, chocolate, caraway, fennel seeds, coffee, bran flakes, and rye flour in a large bowl. Add the yeast and beat until thoroughly blended. Stir in enough white flour to make a manageable dough. Turn out onto a lightly floured surface and knead, adding flour only when dough is too sticky to handle, 10 minutes, until smooth and elastic. Place dough in a greased bowl, turn to coat all sides, cover, and let rise in a warm place until doubled in

Continued on page 136

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Buffet lunch
continued from page 134

bulk, about 2 hours or longer.
☐ Punch dough down and divide in half. Braid or shape into any chosen free form. Cover and let rise until doubled in bulk. Bake in a preheated 350° oven about 45 minutes. Meanwhile, mix together in a small pan the cornstarch and cold water and cook over low heat 1 minute. When bread is baked, brush the cornstarch mixture over the top of the loaves and return to the oven for 3 minutes more. Remove from the pan and let cool on racks. Makes 2 loaves.

Olive-oil pickles

INGREDIENTS
24 small pickling cucumbers, washed and sliced into ¼-inch rounds
3 medium onions, peeled and sliced
1 cup coarse salt
4 cups cider vinegar
½ cup olive oil
4 tablespoons mustard seeds
3 tablespoons celery seeds

METHOD
☐ Mix the cucumber and onion slices in a large bowl. Cover with the salt and let stand overnight. Drain and rinse well.
☐ Combine the vinegar, olive oil, and spices in a pan and boil 1 minute. Add the cucumbers and onions and simmer 1 minute. Pack into 5 sterilized pint jars and seal. Process in a boiling water bath 5 minutes. Store 1 week before using.

Papaya pickle

INGREDIENTS
1 cup water
1 cup sugar
½ cup cider vinegar
¼ teaspoon freshly ground pepper
3 whole cloves
2-inch piece stick cinnamon
2 bay leaves
2 tablespoons papaya seeds
1 firm papaya, peeled, seeded, and cut into bite-sized cubes

METHOD
☐ Combine the water, sugar, vinegar, pepper, cloves, cinnamon stick, bay leaves, and papaya seeds in a saucepan and bring to a boil. Reduce heat and simmer 10 minutes. Add the papaya cubes and simmer 30–40 minutes. Remove from the heat and let cool in the pan. Put into jars with lids and refrigerate or, if serving the same day, place in a bowl and serve at room temperature. Makes 1 pint.

Continued on page 138

Correction

The recipe for Carrot Spice Cake on page 186 of the December 1979 issue should have included 4 eggs: *Mix together the oil and sugar in a large bowl, then blend in the eggs.* Continue with the recipe as printed.

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Fleischmann's Margarine. Because you have an appetite for life.

Another fine product of Standard Brands INCORPORATED

Buffet lunch
continued from page 136

Janice Pike's perfect pickles

INGREDIENTS

24 medium cucumbers, thinly sliced
18 small white onions, peeled and thinly sliced
3 green bell peppers, cored, seeded, and cut into thin strips
3 sweet red peppers, cored, seeded, and cut into thin strips
¾ cup rock salt
2 trays of ice cubes
7½ cups sugar
2½ teaspoons turmeric
¾ teaspoon cloves
3 teaspoons celery seed
3 tablespoons mustard seed
7½ cups cider vinegar

METHOD

☐ Place the cucumbers, onions, and peppers in a kettle and pour the salt over. Put 2 trays of ice cubes over and cover for 3 hours. Drain well.

☐ Combine the remaining ingredients in the kettle and bring to a boil, stir, and immediately turn the heat off. Put into 10 sterilized pint jars and seal.

Chocolate cake roll with chestnut butter

INGREDIENTS FOR CAKE

5 large eggs, separated
¾ cup sugar
6 tablespoons unsweetened cocoa
Pinch salt
Butter

INGREDIENTS FOR CHESTNUT BUTTER

2 egg yolks
½ cup chestnut purée
5 tablespoons sugar
2 teaspoons vanilla
1 cup butter, cold but not hard
Candied violets for garnish
Candied angelica, cut in small pieces, for garnish

METHOD FOR CAKE

☐ Beat the egg yolks in a bowl, slowly adding ½ cup of the sugar, until they are thick and lemon-colored. Sprinkle the cocoa over the yolks and continue to beat until blended. Set aside.

☐ Add the salt to the egg whites and beat until foamy. Slowly add the remaining ¼ cup sugar while beating and beat until whites are stiff but not dry. Gently fold half the whites into the yolk mixture until well blended. Carefully fold in the remaining whites just until no white streaks show. Gently spread the batter in a buttered jelly-roll pan lined with buttered wax paper. Bake in a preheated 375° oven about 20 minutes, or until the center feels firm to the touch. Have a dish towel spread out on a flat surface. Turn cake out onto towel, peel off waxed paper, and slowly roll cake up lengthwise in towel. Let rest for a minute. Unroll and let cool.

METHOD FOR CHESTNUT BUTTER AND ASSEMBLY

☐ Place egg yolks in a food processor, blender, or bowl with electric beater. Beat until lemon colored. Add the chestnut purée and blend. Mix in the sugar and vanilla. Add the butter in bits until all is well blended. If the chestnut butter becomes too soft to spread, refrigerate 15 minutes. Spread the chestnut butter over the cake roll, covering evenly to the edges. Trim the edges if too crisp or ragged. Carefully roll up lengthwise. Decorate with candied violets and pieces of angelica. Cover and chill until ready to serve. Serves 8–10.

Anise fruit-nut cookies

INGREDIENTS

½ cup butter
1 cup sugar
2 eggs, lightly beaten
4 tablespoons honey
¼ cup molasses
½ teaspoon baking soda dissolved in ½ cup warm coffee
1½ teaspoons anise extract
½ teaspoon ground cloves
4½ cups all-purpose flour
½ teaspoon salt
1 cup walnuts, coarsely chopped
½ cup dates, chopped
1½ cup raisins
Confectioners sugar

METHOD

☐ Cream the butter and sugar together in a large bowl until light and fluffy. Add the eggs and beat until well blended. Add honey, molasses, baking soda, anise extract, cloves. Beat well. Blend in the flour and salt. Stir in nuts, dates, and raisins. Mix well. Cover, chill in the refrigerator.

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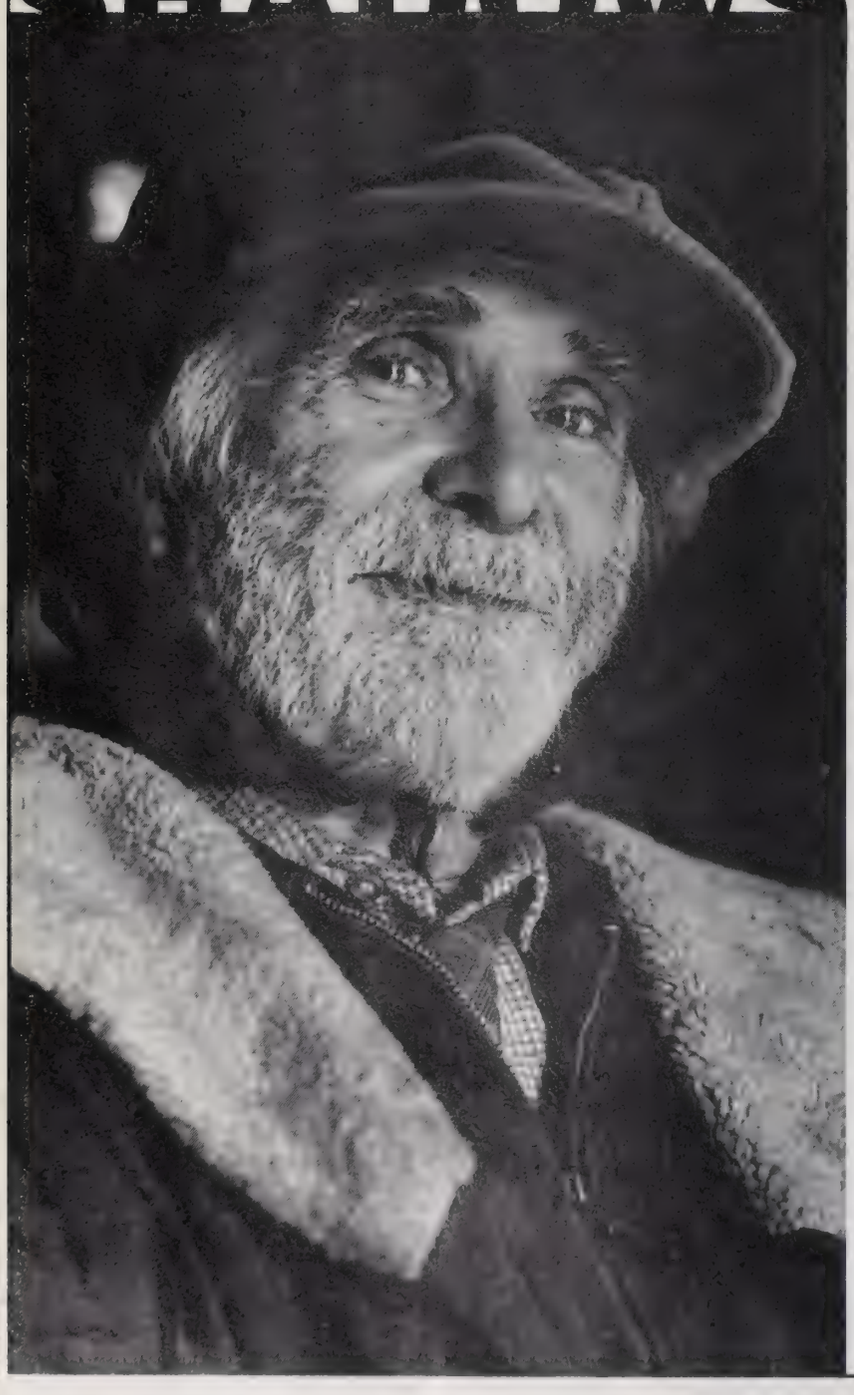

What is a shadow? A shadow is form without substance, appearance without presence. An older person may become a shadow because of neglect, lack of meaningful occupation, or because of society's negative approach to aging.

On Manhattan's upper Westside there are 33,000 older persons, many of whom suffer from substandard housing, isolation, inadequate income, and lack of knowledge about health care and social services.

WEME, founded in 1973, is a non-profit, non-sectarian agency dedicated to assisting older persons through counseling, advocacy, information and referral. Trained volunteers make regular home visits to listen to and befriend an elder.

What does one gain by meeting an older person? A chance to learn of and share in the experiences, insights, and wisdom of another's life.

What does one give? Only patience, caring and several hours of time.

If you would like to help, or if you need help, please contact:

The Reverend Nancy Wright,
Executive Director
Westside Ecumenical Ministry to the Elderly, Inc.
165 W. 86th St.
New York, N.Y. 10024
724-3500

The cash register of Nettie's speaks to the computers of Needham.

(Frank Kirtien Jr., Vice-President of Nettie's Flower Garden, wreathed in smiles.)

"Contrary to popular belief, life in the flower business is no bed of roses.

"It's a jungle out there.

"And although, as Vice-President of the largest flower business in St. Louis, I'm an expert on the likes of Floridian gladioli, Dutch parrot tulips and South American carnations, what I used to know about media buying did not amount to a hill of beans.

"So, like my competition, I depended on radio, local newspapers and the inevitable neighborhood grapevine.

"But as my business began to branch out from corsages to conventions, bouquets to banquets, I wanted a media buy that would reach more successful businessmen without nipping too far into my advertising budget.

"Then last year, my advertising agency—Harris McKenna Meng—told me about MNI.

"Magazine Networks, they said, is an inexpensive way to buy national upscale magazines in compatible local groups. With networks you can choose demographically, geographically, even psychographically. In markets as local and diverse as Denver, Rochester, Kansas City and Miami.

"So in the past year, ads for Nettie's appeared in magazines like Better Homes and Gardens, House & Garden and House Beautiful.

"And our business has grown bigger than ever, while—unfortunately—the flower industry in general has wilted slightly. If there's a smell sweeter than roses, it's success."

If you want to find out more about Magazine Networks and how it can be used for heavy-ups, test-marketing or special promotions, call Bonnie Axthelm at (212) 661-4800.

There's a lesson to be learned from a man who buys media with his own money.

MNi

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☐ Lightly flour your hands and form the dough into balls the size of marbles. Place on cookie sheets and bake in a preheated 350° oven 5–10 minutes. Let cool on racks. Roll in confectioners sugar. Store in airtight tins or jars; these are better several days after baking. Makes 6 dozen cookies.

Fruit-nut crackers

INGREDIENTS

1 cup almonds
3 tablespoons butter
1½ cups whole-wheat flour
½ teaspoon salt
¾ cup water
1½ cups raisins
½ cup brown sugar

METHOD

☐ Grind ½ cup almonds into paste (a food processor is perfect for the job), add the butter, and blend well. Add the flour and salt and slowly stir in just enough water to make a manageable dough. Remove from processor or bowl to a lightly floured surface. Divide the dough in half and roll out paper thin the size of a 15½-by-10½-by-1-inch jelly-roll pan. Roll out the second half equally thin and set aside.

☐ Grind the raisins, sugar, and remaining ½ cup almonds together. Spread on one piece of the pastry. Cover with the second piece. Use a rolling pin to roll over the pastry until it is about ¼ inch thick. Lift the pastry into buttered jelly-roll pan. Bake in a preheated 350° oven for 12–15 minutes. Remove and cut into 2-inch squares. Store in an airtight tin. ■

Steam cooking update
continued from page 117

skin side up. Lengthen cooking time if fish is very thick. Because steamed vegetables hold their texture, you can brighten the next day's salad with leftover broccoli florets or julienned carrots. Or try Freddi Greenberg's vegetable platter (*Wine & Food cover*) cold: Design a pleasing pattern of colors and shapes with the vegetables on the serving platter, steam, let cool briefly, then refrigerate. Serve chilled with a selection of sauces for a striking hors d'oeuvre.

To keep vegetables as bright and crisp as possible, follow the steaming times, in minutes, below. To steam frozen vegetables, rinse under hot tap water to separate, sprinkle with salt if you like, steam as usual. Asparagus, spears or cut, 10; green beans, 5; lima beans, 10-15—frozen, 15-18; beets, whole, 30—sliced, 10; broccoli, spears, 10-15—cut, 5-10—frozen, 12; Brussels sprouts, 5-10—frozen, 9-15; carrots, small whole, 10-15—sliced, 3-5; cauliflower, 5-10; corn on the cob, 5-7; fennel, stalks, 10-15; fresh green peas, 5-10; snow peas, sugar snap peas, 1; new potatoes, 20-25; summer squash, small whole, 10—sliced, 3-5; winter squash, sliced ½ inch thick, 10-15. ■

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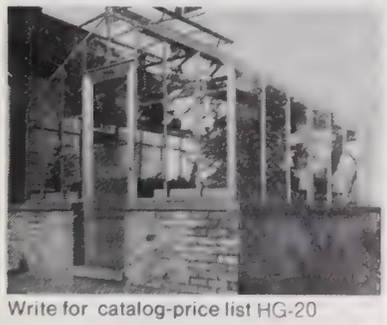

Write for catalog-price list HG-20
Aluminum Greenhouses, Inc.
14615 Lorain Avenue
Cleveland, Ohio
44111

Meal in minutes
continued from page 114

3–4 minutes over moderate heat. Before turning steak, sprinkle with garlic and thyme. Turn and cook 3–4 minutes longer (make a small cut in the meat to check for doneness), then remove steak to heated platter or individual plates. Deglaze the skillet first with the vinegar, then add wine, bring to a boil, and pour juices into a sauceboat.

Fresh cabbage salad

INGREDIENTS
½ cup vegetable oil
⅛ cup tarragon vinegar
Salt, freshly ground pepper
¼ pound mushrooms, trimmed and thinly sliced
1 small head white cabbage, sliced or shredded

METHOD
☐ Whisk together the oil, vinegar, salt and pepper in a large salad bowl. Add the mushrooms and cabbage and toss to coat lightly with dressing. Serve immediately or refrigerate several hours. Serves 4–6.

Sautéed apples with Bourbon

INGREDIENTS
4 small or 2–3 large, crisp tart apples
Lemon juice
3 tablespoons butter
Granulated sugar (optional)
2–3 ounces Bourbon, heated

METHOD
☐ Core the apples and slice thinly. Sprinkle with lemon juice to prevent discoloration, cover, and refrigerate until ready to sauté.
☐ Melt butter in a heavy skillet over moderate heat and add the apple slices. Sauté, turning often, until fruit is tender. Sprinkle with sugar, then pour the heated Bourbon over the apples. Cover the pan for a moment, then remove cover and flame the fruit. Serve warm at the table. Serves 4. ■

Corrections

To make the gingerbread cookies (page 116, December '79), blend 3 cups gingerbread mix with ⅓ cup molasses, 1 egg, slightly beaten, and ¼ cup flour. Proceed with recipe as given.

Due to a printer's error, the incorrect page number was given for the gingerbread box (page 132) instructions. They appear on page 226. Blend 6 cups gingerbread mix with ⅔ cup molasses, 2 eggs, slightly beaten, and 1 cup flour. Proceed with instructions.

The cookbook referred to on the Kitchen Page (Jan. H&G, page 138)—*Recipe Conversion for Microwave*—is available through the publisher, Publication Arts, Dept. P3, 5700 Green Circle Drive, Minnetonka, Minn. 55343.

Science of comfort
continued from page 80

The renewed popularity of wood furnishings, generously upholstered seating, and the proliferation of curved and softened edges in new furniture designs are further indications of this trend. What all this means is that we are realizing our need for both mental and physical well-being in a time of increasing technological and social complexity.

In an age of such time-saving products as food processors and computerized sewing machines, we also need greater physical and psychological comfort as well. We are beginning to understand our designed environment better than we ever have before, just as we are beginning to understand our bodies better than ever before, too. As we begin to feel our muscles in that attempt to exercise our control over those environments, ergonomics promises to be an essential tool for that work.

For further reading related to Ergonomics:

Design for the Real World: Human Ecology and Social Change by Victor Papanek, with an introduction by R. Buckminster Fuller. Pantheon Books, New York, 1971. A pioneering and important call for common sense in industrial design.

Humanscale 1/2/3 by Niels Diffrient, Alvin Tulley, and Joan Bardagjy. MIT Press, Cambridge, Mass., 1974. Not just a book, but also a contraption: the user can turn dials to find more than 20,000 dimensions and items of information about the human body and its design needs.

Chair, a book produced by Peter Bradford and edited by Barbara Prete. Thomas Y. Crowell, New York, 1978. Interesting essays on chair design. The authors include designers Ward Bennett, Niels Diffrient, Joseph D'Urso, and Nicos Zographos.

The Bathroom by Alexander Kira. Viking Press, New York. First published in 1966; new, expanded edition in 1976. Still the most thorough and provocative study of the bathroom.

"Body Furniture in the News" by Ruth Miller Fitzgibbons in *House & Garden*, August 1978.

"Sitting Down: Some Thoughts About Chairs" by Walter Kleeman in *Ideas*, a publication of the Herman Miller Company, Zeeland, Mich. (August 1979).

The Application of Human Engineering to Design: Chair—Bed—Vehicle Seat by Jiro Kohara. Published by the Institute of Design, Illinois Institute of Technology, Chicago, 1965. ■

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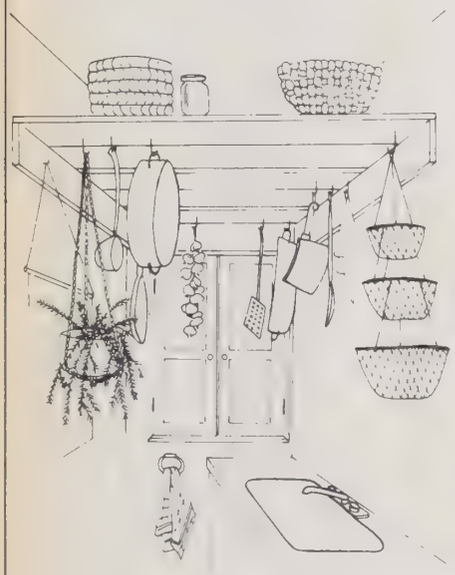
the Kitchen

Remodelings, cooking tips, and helpful hints for your kitchen

Easy-to-make storage rack

High ceilings may make big spaces seem bigger, but they can make tiny rooms seem even tinier. So, to give the illusion of space to his tiny kitchen, gallery owner Lee D. Witkin lowered his 12-foot-high ceiling 2½ feet with a storage rack he built himself. You can make one yourself: All you do is stain and shellac 2-by-4s, then nail their flat sides to two strips of wood that screw right into the kitchen walls.



20 easy pieces: one cook's solution for survival in a tiny kitchen

Twenty items—that's all it took for House & Garden staffer Clare Ruthrauff to outfit her kitchen so she could cook for herself, or for twelve.

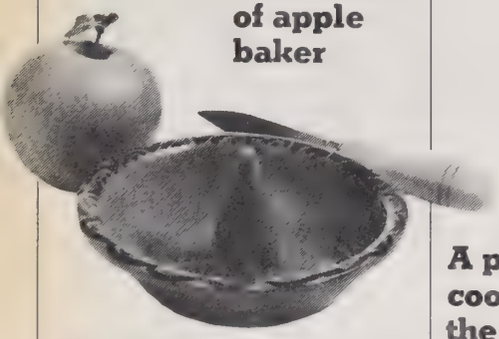
"'I bought medium-sized equipment," says Miss Ruthrauff, whose philosophy is a matter of practicality: "You can cook for one in a large pot, but you can't cook for twelve in a small one." The roasting pan **11** is big enough for a leg of lamb, deep enough to become a baking dish for lasagna. Covered casserole **3** can be used in the oven, or on the stove with the double boiler **2**, which works as two pots as easily as it does one. Skillets **7** and **13** do double duty, too: Big covered one sautés vegetables, bakes rice with pine nuts; little one makes one-person omelets, toasts slivered almonds for string beans for twelve. The rectangular baking dishes **10** are a team: "They both fit in my oven, while two round ones don't."

Something else Miss Ruthrauff kept in mind: "I bought good-looking things that could be used for serving." Cutting board **1** can be a cheese or bread board. Mixing bowls **6**, "in graduated sizes for easy storage," can serve sauces or desserts.

More space economy: Strainer **4** works overtime as a sifter, steamer, and colander; a pair of wooden spoons **16** stir . . . then serve; and two sharp knives **20** can do the work of a dozen "if washed after each use." A few more odds and ends: slotted spoon **15**, spatula **18**, measuring cup **8**, and spoons **12**, wisk **14**, can opener **19**, electric mixer **9**, and a kettle **5**. "And that's all I ever need . . . except for a cookie sheet **17**: I can't always resist the thought of a batch of freshly baked cookies."

For details, see Shopping Information.

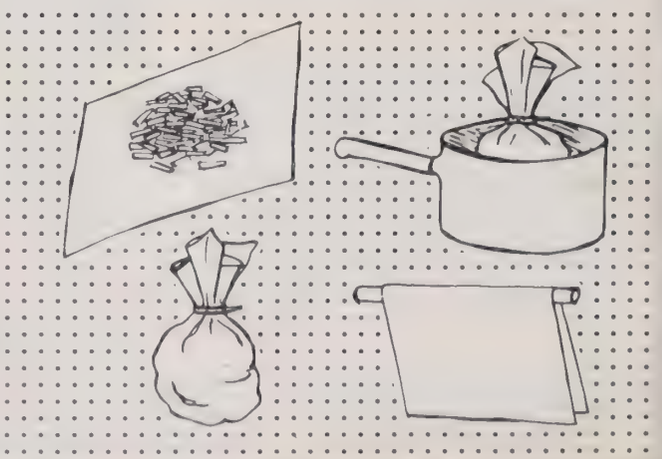
A new kind of apple baker



This good-looking ceramic-glazed stoneware apple baker cooks your apple from the inside out—as well as from the outside in. It cooks each apple evenly, and can go straight from the oven to the table. After you've cored it, stick the apple on the baker's spindle, lace with honey and Grand Marnier, and bake until soft. Each handmade baker costs about $8.50; by Hartstone.

A paper pouch for cooking vegetables the natural way

Whether they're boiled or steamed, vegetables lose their water-soluble nutrients during cooking. But now you can wrap prepared vegetables in a Vege-Paper sheet, a 100-percent-pure vegetable-cellulose paper specially designed to protect vegetables from cooking water. Just place the sealed pouch in a large pot of boiling water and cook as you normally would. About $4.75 for four sheets, each of which can be reused at least 15 times; pouch sealers included.



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24-Monthly Payments	$76.66		$85.84		$93.34	

24-piece sets for 8, consisting of 8 each, place knives, place forks and teaspoons.
32-piece sets, same as above with 8 salad/dessert forks added.

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Place Knife	110.00	55.00	115.00	57.50	125.00	62.50
Salad Fork	118.00	59.00	130.00	65.00	145.00	72.50
Spreader H.H.	68.00	34.00	82.00	41.00	93.00	46.50
Place Fork, Large	185.00	92.50	205.00	102.50	215.00	107.50
Place Knife, Large	—	—	135.00	67.50	155.00	77.50
Iced Beverage Spoon	140.00	70.00	147.00	73.50	175.00	87.50
Place Spoon	140.00	70.00	147.00	73.50	175.00	87.50
SERVING PIECES						
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*Cold Meat or Buffet Fork	250.00	125.00	260.00	130.00	270.00	135.00
Sauce or Cream Ladle	125.00	62.50	135.00	67.50	145.00	72.50
*Gravy Ladle	250.00	125.00	260.00	130.00	270.00	135.00
Olive or Pickle Fork	90.00	45.00	95.00	47.50	105.00	52.50
*Sugar Spoon	125.00	62.50	130.00	65.00	140.00	70.00
*Tablespoon	250.00	125.00	260.00	130.00	270.00	135.00
*Tablespoon, Pierced	250.00	125.00	260.00	130.00	270.00	135.00
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Decorating:

The Inside Story

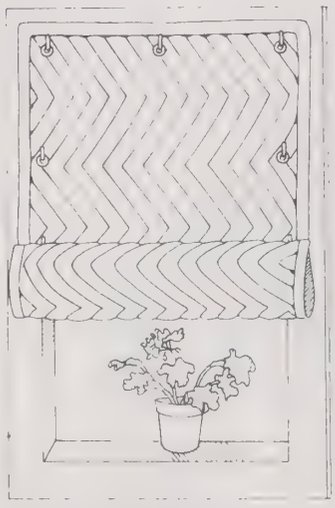
More about some great decorating ideas you've seen in this issue

High-tech upholstery

Quilted packing blankets have moved out of the van and into the house. Let them inspire a whole new decorating look for you, as they did in Nora Larke's apartment (see page 94).

For Ms. Larke, designer Pierre Lajoie translated the style of moving blankets into custom-made cushions and covers. He can do the same for you (Box 692, Cooper Station, New York, N.Y. 10003). Or make them yourself with real packing blankets from Manhattan Ad Hoc Housewares, 842 Lexington Ave., New York, N.Y. 10021. 76 by 96 inches, $38.50. 72 by 80, $33.50. 36 by 76, $18.50. Postpaid; N.Y. state residents add sales tax. Blankets are reversible; colors change periodically. Send fabric swatches and state general color preference. Or check the yellow pages under "Moving-Van Suppliers." Many will make up quilted yardage, using your fabric or theirs. Some may even make slipcovers for you.

Pre-quilted fabric is also suitable for bedcovers, cushions, and shades. And Martex makes coverings with the chevron-quilted look of moving blankets. Called "The Mover," they're sheeting on one side (polyester-and-cotton percale), soft nylon pile on the other. Most are one-color; others reverse to a related color. Reversible shams also available. If you're not handy with the sewing machine, but are intrigued with the high-tech look, you can get it without stitching. Simply tuck comforters or blankets around mattresses and roll them into long Tootsie Roll-shaped bolsters.



How to make quilted hook-and-grommet shades

Materials: Reversible quilted fabric, grommet kit, brass hooks, seam binding.
Method: Measure windows. Cut quilted fabric to cover the windows and a bit of the frame—usually 1-2 inches larger than the window measurement. Bind raw edges with contrasting seam binding. Edge top and both sides of each quilted shade with grommets, following package directions. Their number will depend on the window size. Space between grommets increases towards the top of each shade to compensate for the thickness of the shade as it rolls up. Insert brass hooks into the window frame, lining them up with the grommets so shade stretches tightly across each window.

How to make easy tailored bed covers

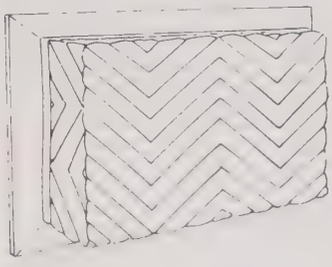
Cut square or triangular corners out of a comforter large enough to cover the bed and fall to the floor. Sew splits together to make tailored corners. Cover exposed seams with contrasting bias tape, edging hems the same way.

How to make quilted pillow sacks

Materials: Reversible quilted fabric, seam binding.
Method: Make fabric bags large enough to hold your pillow by stitching 3 sides, leaving one side open to slip pillow in. Cover raw edges and all exposed seams with contrasting binding. Stitch two long pieces of binding to the open edge of each sack at top and bottom, to tie pillow covers together at one side.

How to make the quilted air-conditioner cover

The air-conditioner cover is a great disguise, and shields your room from drafts. Cut a piece of quilted fabric slightly larger than the front of the unit, stitch on strips the length and depth of each side. Edge seams with binding. Slip over the air conditioner.

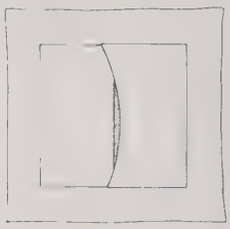


How can I get those peachy walls?

Nora Larke and her friends painted her apartment with House & Garden Creamy Apricot for instant glow. Walls are 50/50 Creamy Apricot and white. Ceiling is 75% white, 25% Creamy Apricot. The semigloss finish reflects light, and is easy to clean. To match this color at home, order House & Garden's Color Pack for 1980—53 3½-by-4½-inch color chips in a plastic box. (Send $10 check or money order to House & Garden, Dept. CP80, Box 1910, Grand Central Station, New York, N.Y. 10017.) Each chip names the manufacturers that match that color. Or take the chip to a paint store and closely match the color.

How to make a flanged pillow cover

To make a 26-inch pillow cover with a 4-inch flange, like the one on page 81, fold a twin-size sheet, right sides together. Cut out a 35¼-inch square. Stitch around all four sides, leaving a 4-inch opening to turn piece right side out. Stitch closed by hand. Press. This is the pillow front.



To make the back of the pillow, cut a 14⅝-by-27½-inch piece of fabric and a 17⅝-by-27½-inch piece of fabric. Make a 1-inch hem across one long end of each back piece. (These hemmed edges will overlap to form the back of the pillow.) Press ⅝-inch seams on the other 3 sides of each piece. Chalk a 26-inch square on the wrong side of the pillow front. Lay the back pieces, right sides out, within this square so their hemmed edges overlap. Stitch around the edges of these pieces. Slip 26-inch pillow form into pillow case.

These directions can be adapted for any size pillow, any size flange.

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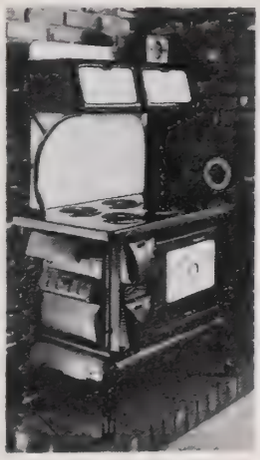

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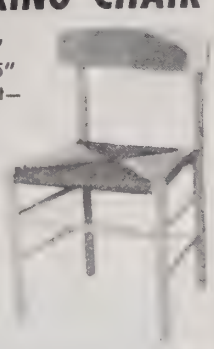

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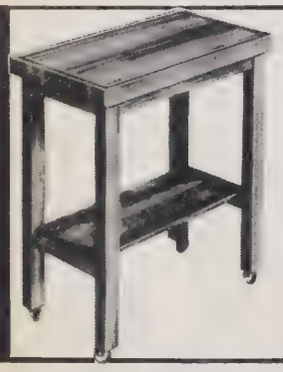

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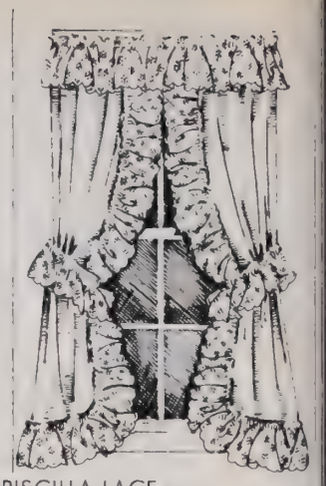

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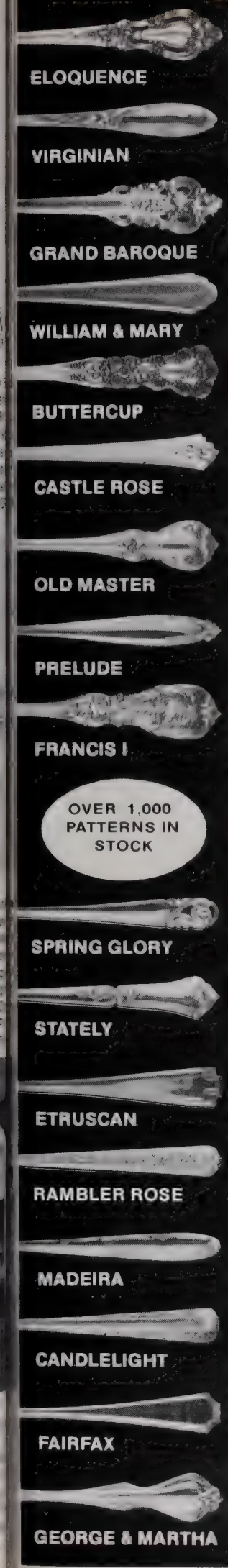

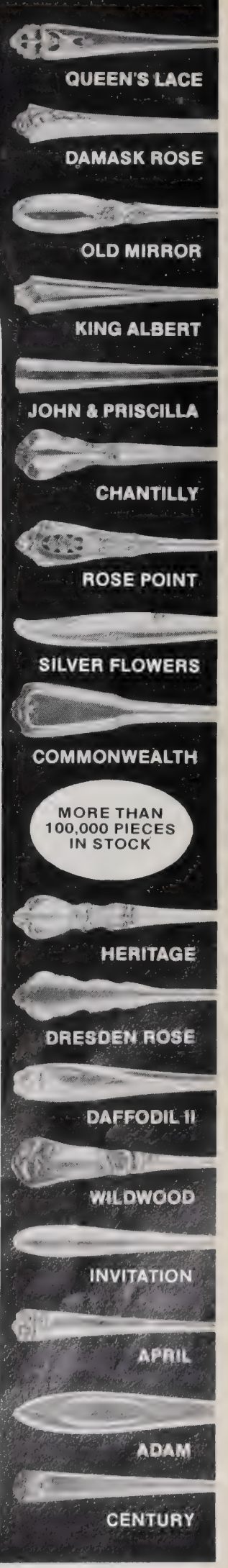

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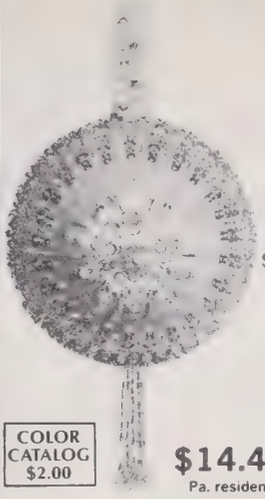

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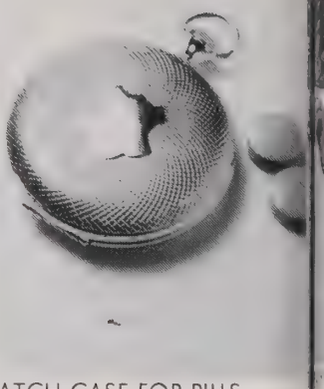
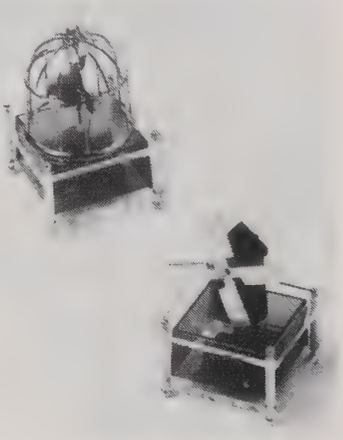
TRIPOD FLOOR LAMP
All-chrome lamp with many advantages, "Crazy Legs" collapses for easy storage, has a stem that telescopes from 40" to 52" high and a 6" metal swivel shade. $14.95 plus $2.95 shpg. BA/Visa and MC. From Patrick B. King & Assoc., LTD. HGE-2, P.O. Box 3581, Merchandise Mart, Chicago, IL 60654.



WATCH CASE FOR PILLS
Ingenious 1¾" brass case reser bles an old fashioned watch. Y may slip it into your pocket or har bag and no one will know it hol health or lifesaving pills. Pretend look at the time as you slip out a p $6.95 ppd. Write to Postamatic C Inc., HG280, Lafayette Hill, 19444.



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Exquisite lucite music boxes play delightful tunes. Accented with golden finish metal. Both 5"h with on/off switch. Choose from bird cage with spinning bird or windmill with turning blades. $12.95 each; two for $24.95. Ppd. Nansco Industries, Dept. H28, 3046 Nostrand Ave., Brooklyn, NY 11229.

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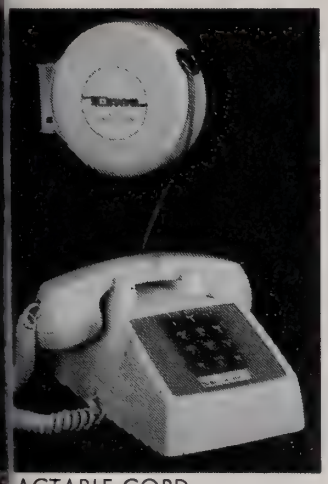
nifying glasses in popular style you see fine print sharply, clear- nd instantly. Quality, precision nd and polished impact resistant es. Not for those with astigma- or eye disease. Attractive, stur- ame. State age and sex. $9.97 75¢ post. Precision Optical Co., . 161-P, Rochelle, IL 61068.



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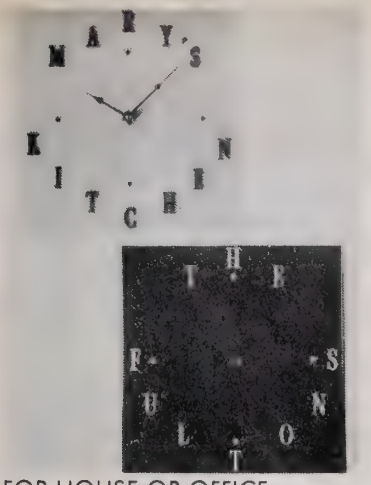

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Handcrafted hardwood frames to hang collector's plates. From 18th C antique. New England maple; walnut or fruitwood finish. S. (7¼"-8¼" plate) $12.95; M. (8½"-10¼") $14.95; L. (10½"-11½") $16.95. Add $2.50 post. Visa/MC. Free catalogue. New England Frame Works, HG2, RFD-1, Wilton, NH 03086.

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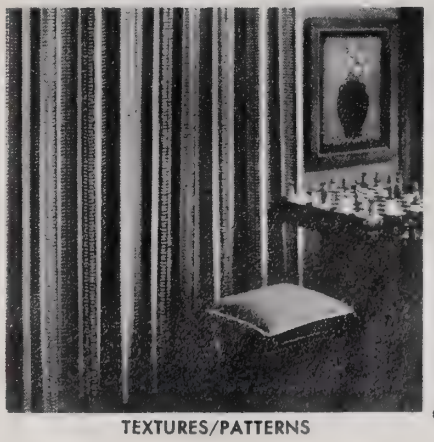

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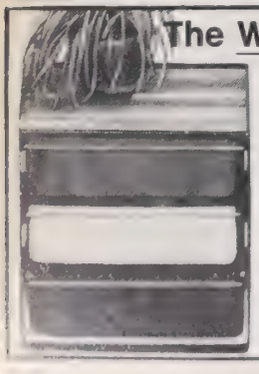

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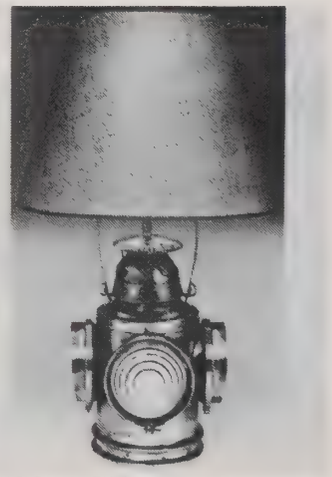

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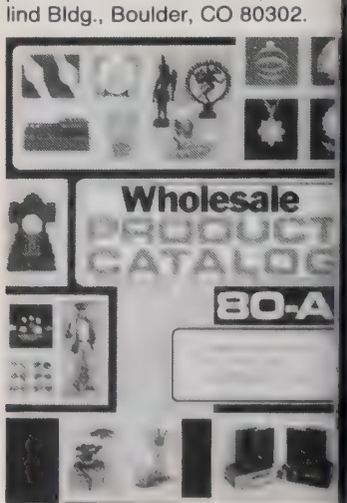
Created for Air France. SST shape in solid stainless steel engraved with logo. Gift box. Uses standard ballpoint refills. $12.50 ppd. Free pen with orders of 5 or more. V/MC/AE toll free: (800) 648-5311 Op. 89. Checks, M.O. to "Concorde Flight Pen" Bruce Kay, Ltd., HG2, 61 Jane St., New York, NY 10014.



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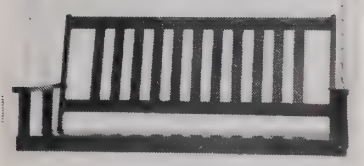

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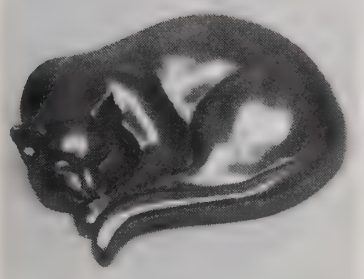
Have a happy relaxing time in a sturdy, wooden swing. Since it's 48" long, there's plenty of room to enjoy company while swinging. Hanging chains included. Shipped direct from factory. $32.95 exp. ppd. West of Miss., add $3. Send 50¢ for the catalogue. Marion Travis, Dept. HG2, Box 292, Statesville, NC 28677.



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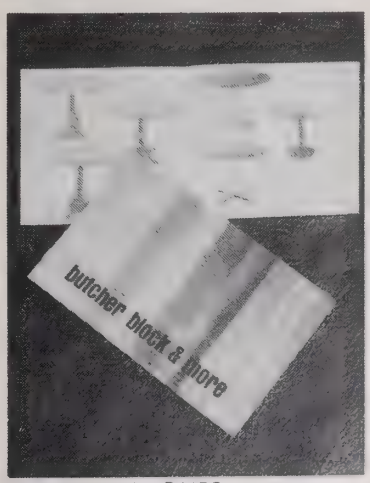

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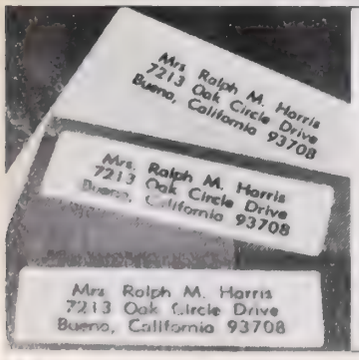

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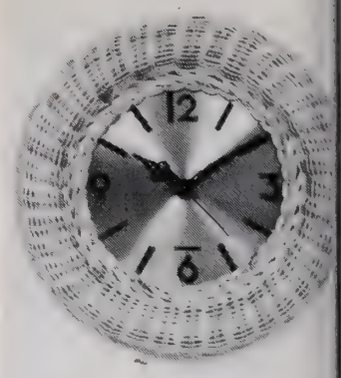
SHOPPING AROUND

TO HAVE AND TO FOLD
Space saving table made in Europe. Made of solid beechnut with oiled walnut veneer. When closed, it is 9" by 30"; with one side up, 37" by 30"; fully opened, 65" by 30", it seats eight, 30" h. assembled. $99.95 Exp. coll. Send 50¢ for Danish catalogue. Genada Imports, HG2, Box 204, Teaneck, NJ 07666.



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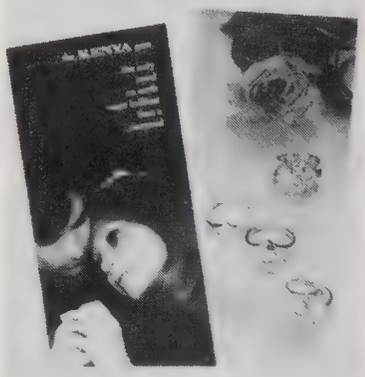
Lovely handwoven rattan fra blends beautifully with easy to re transistorized clock. Will enhar time for all time. 12" dia. Plea specify white or honey color. $39 plus $5 post. Catalogue of wic and rattan items, 50¢. Fran's Basl House, Dept. HG2, Route 10, S casunna, NJ 07876.



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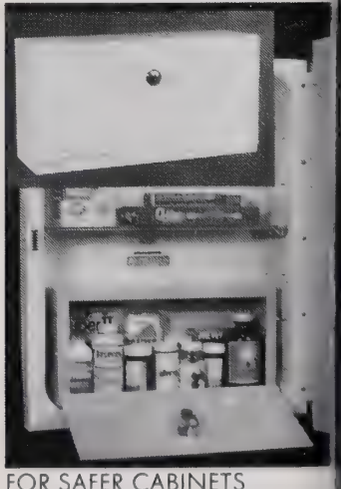

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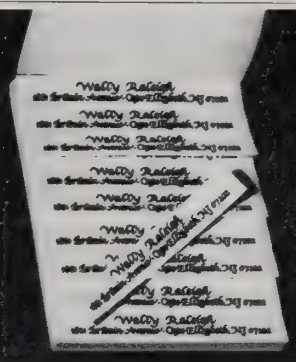

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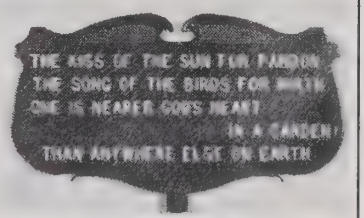

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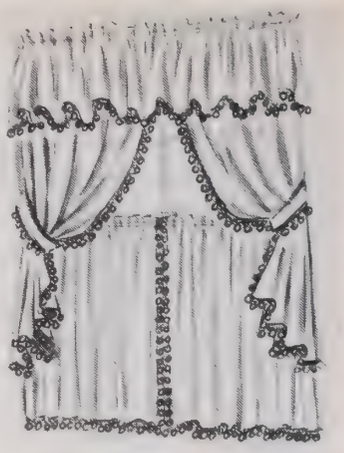

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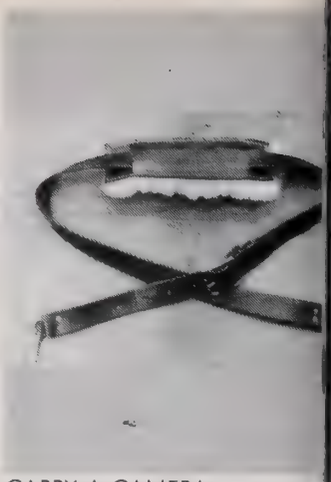

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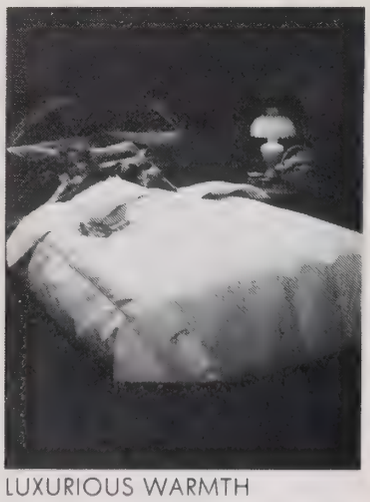

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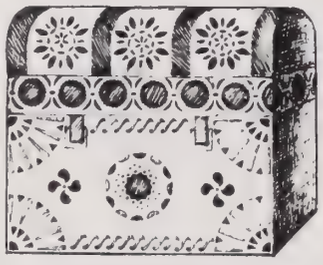

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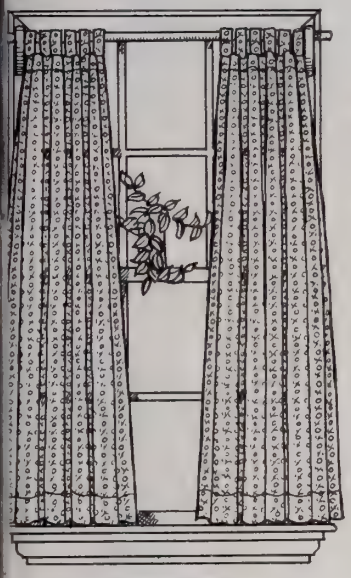

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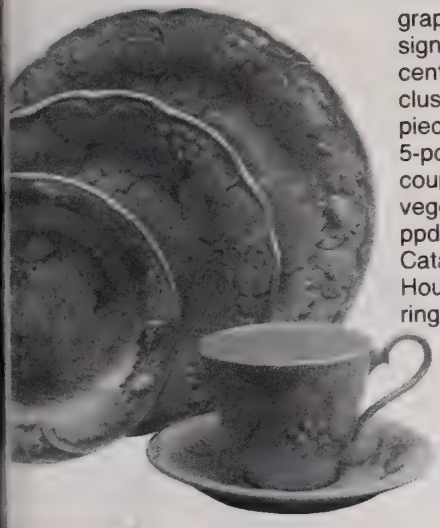

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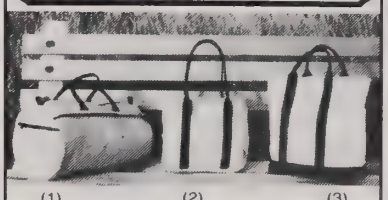

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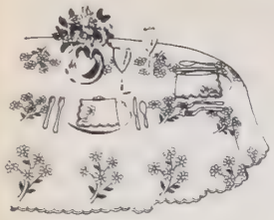

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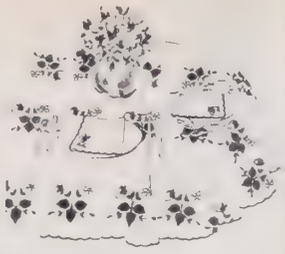

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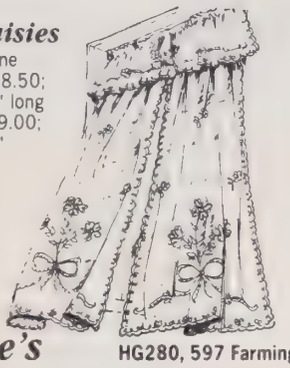
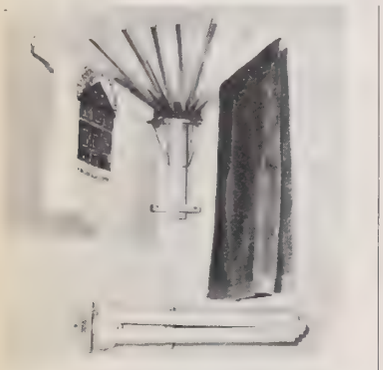


Tablecloths

from Switzerland, most beautiful. Embroidered on Swiss Terylene Batiste. Daisies: Colors—Yellow and White on White or Strawberries: Red and White on White. Available in Oval or Oblong. 87" Round $95.00; 67" x 86" $75.00; 67" x 104" $80.00; 67" x 123" $85.00; 67" x 140" $105.00; Napkins 17" x 17" $3.95 each. Deduct 7% on each item.

Hildegarde's

HG280, 597 Farmington Ave., Hartford, CT 06105



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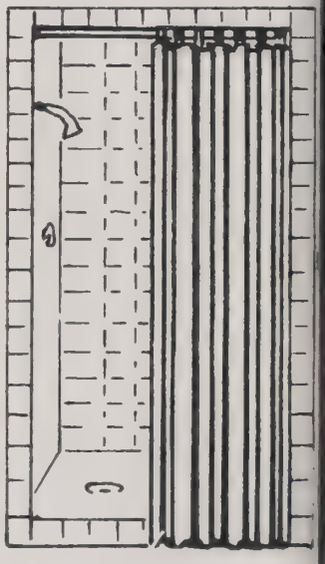
For stall shower



Curtain in extra-heavy gauge vinyl, mildew- and bacteria-resistant. White, lt. pink, gold, yellow, lime, avocado, brown, hot pink, lt. blue, black, red, ivory. 48" by 78". MC/V. $15 ppd. Brochure of other hard-to-find curtains in polyester/cotton and clear plastic, 25¢. Surrey Shoppe, HG2, 665 Centre St., Brockton, MA 02402.

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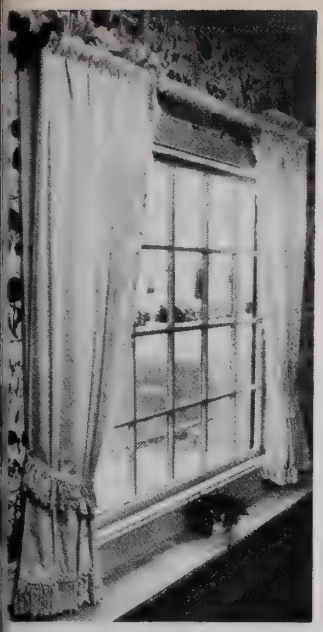
Floor couch of Shinera futon mattresses reflects versatility of Oriental principal for natural, healthful sleep. All cotton and flannel sheets, down and cotton-filled comforters that help keep heating costs low are included in full color brochure with fabric samples, Shinera, Dept. P2, PO Box 528, Boston, MA 02102.



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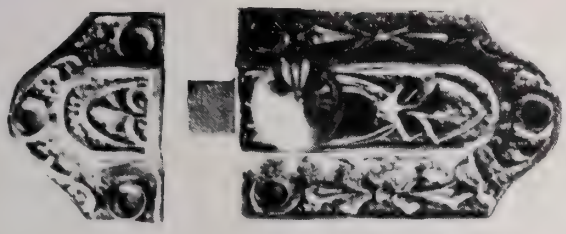
You can reproduce the Colonial era with curtains. The styles include tab, ruffle, fringe, and can be custom-sized for any window. Many colors are available. Prices range from $12.50 to $86 for standard sizes. Free brochure, $1 for samples. Joanne Mee Interiors, Dept. HG2, 10 Water St., Mattapoisett, MA 02739.



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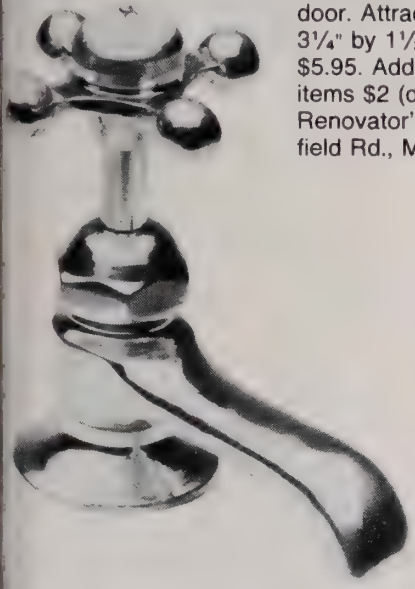

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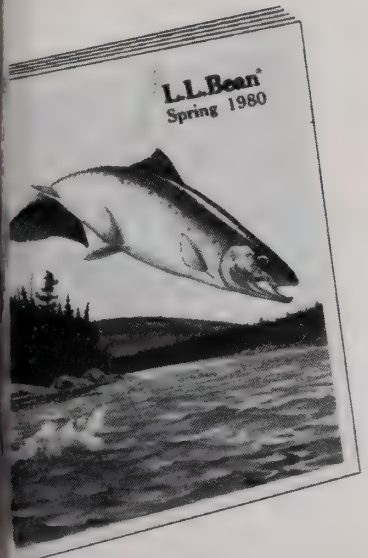

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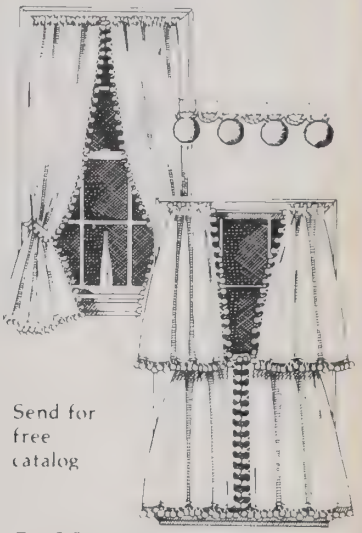

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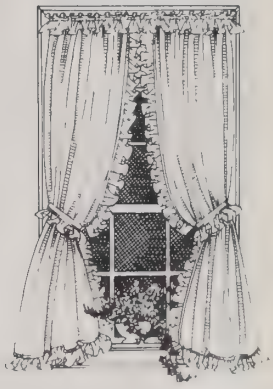

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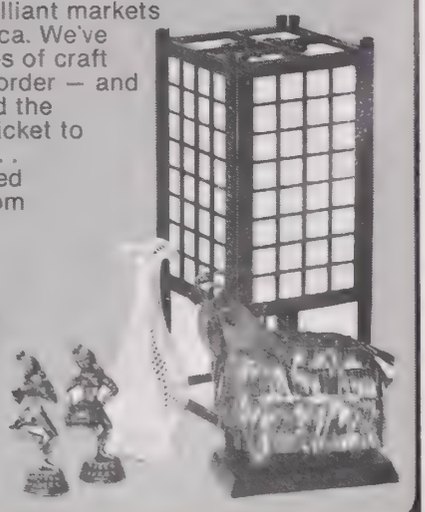

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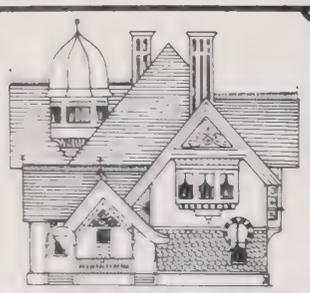

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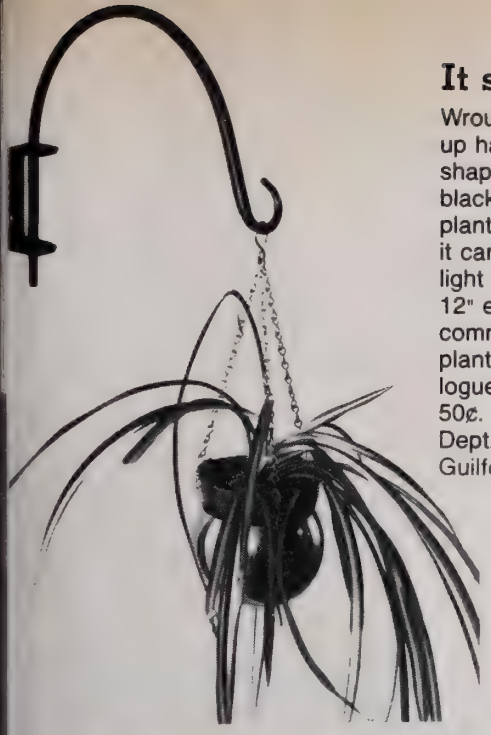

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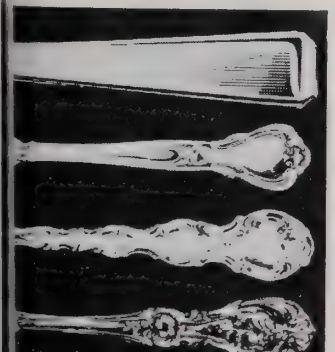

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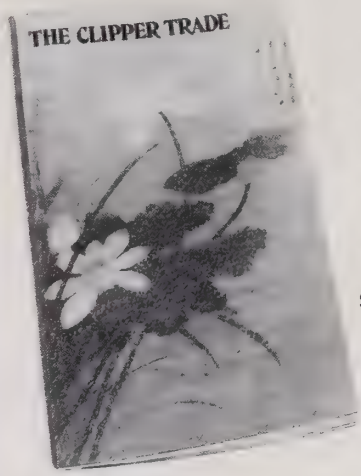

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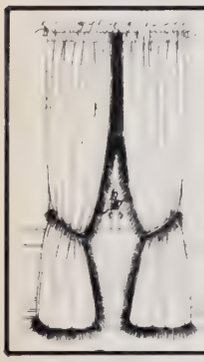

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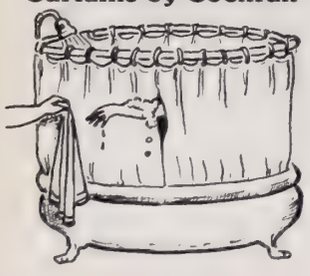

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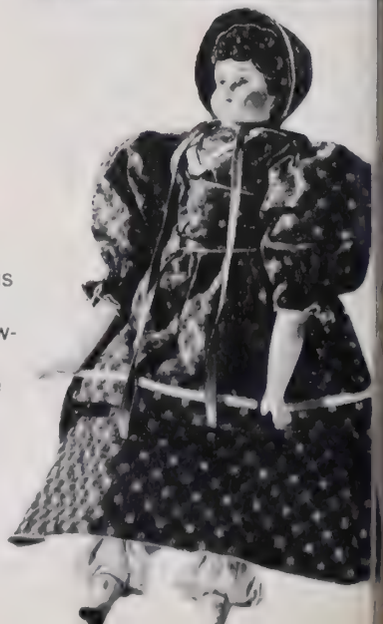

Dimpled darling

Victorian Miss doll kit has smooth china arms, glossy black hair, rosy complexion, 16" tall. The kit includes patterns for dress, bonnet and bloomers. At a special price until next March 31: $9.95 plus $1.75 post. Write for free 72-page full color catalogue showing complete line of Early American furniture, decorative accessories and gifts. Yield House, Dept. G802B, North Conway, NH 03860.

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T'ang horse

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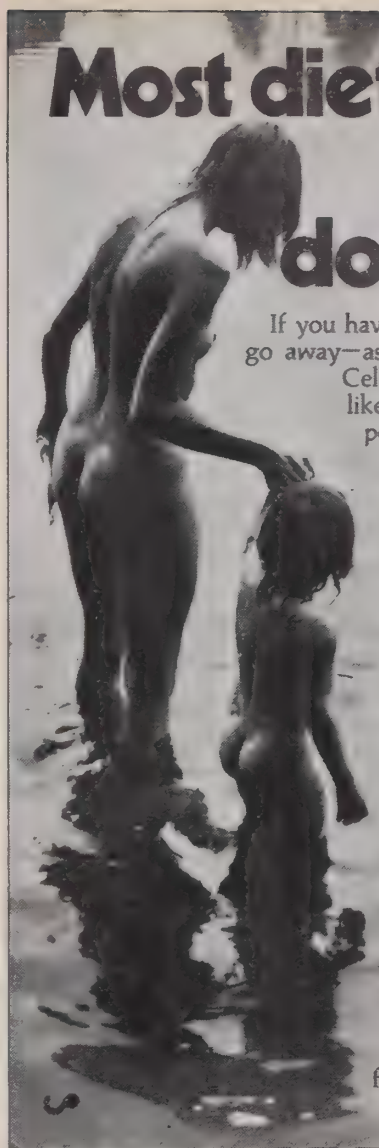

If you have fatty lumps and bumps that won't go away—as 3 out of 4 women do—you have Cellulite. You know what Cellulite looks like. It's doughy, ripply, textured, lumpy pockets of fat. Cellulite is stubborn. If you've tried getting rid of Cellulite using ordinary dieting methods, by now you may be ready to give up. Don't be discouraged, because now there is an easy alternative. Now there is Au Naturel . . .

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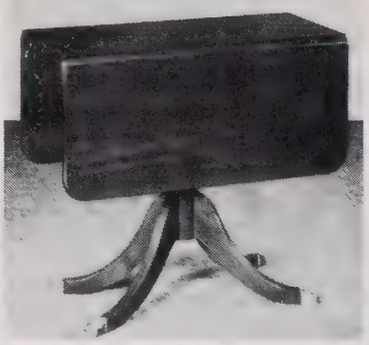

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Duncan Phyfe style drop leaf dining table of dark cherry veneers with solid hardwoods, metal "claw" tips on the reeded feet. Leaves down 32" by 15" across top, leaves up, table 42", 28"h. $139.95, del. chgs. coll. 80 pg. catalogue of furniture, fabric samples, $1. Magnolia Hall, HG2, 726 Andover, Atlanta, GA 30327.

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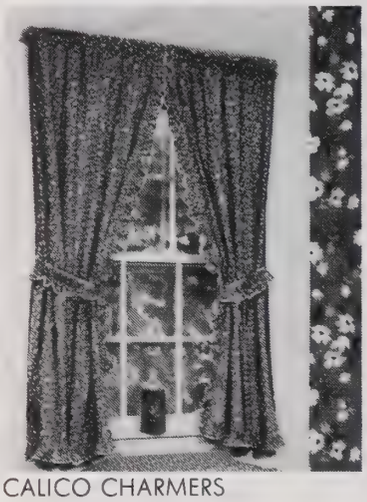

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Red, gold green, blue or brown background, no-iron cotton blend. 70"w. pr., 2½" ruffle; 24", $8; 30", $9; 36", $10; 45", $12; 54", $13; 63", $14.50; 72", $16; Val., $4.50; tiebacks $1.50; post $2. Brochure/swatches. $1. Write to Mather's HG2, 31 Main St., Westminster, MD 21157.

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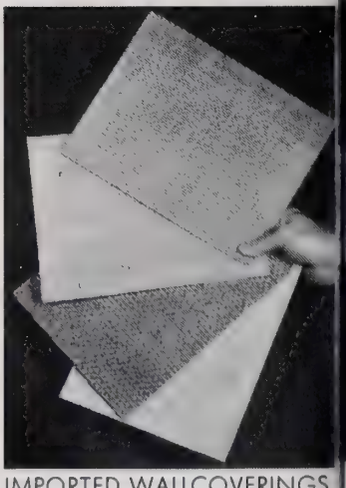

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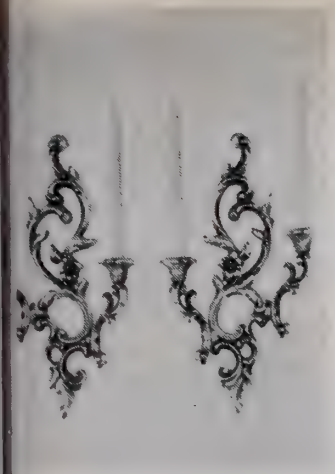

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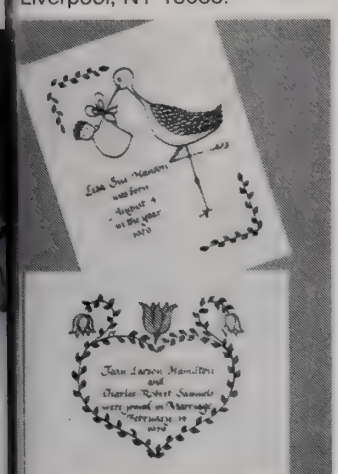

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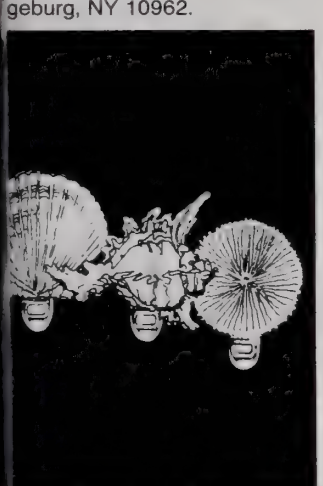

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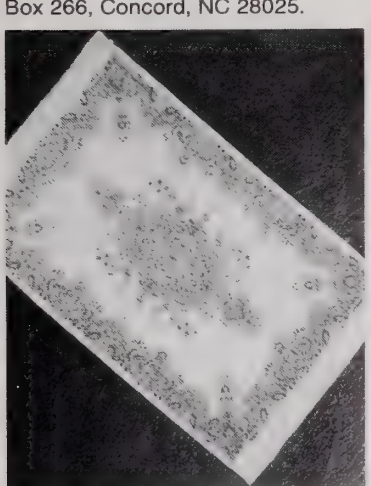

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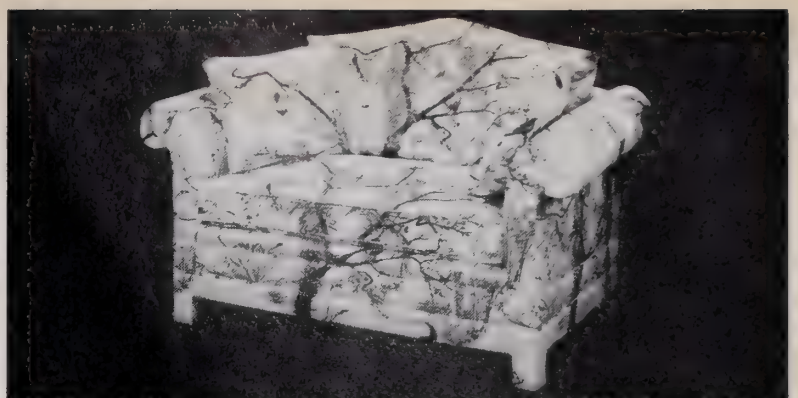

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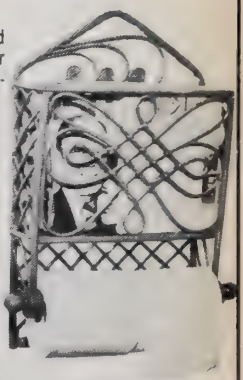

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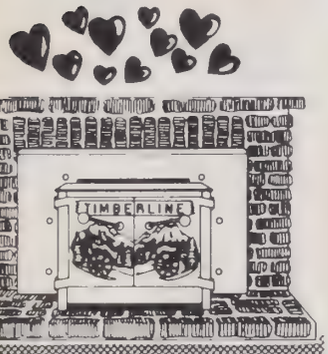

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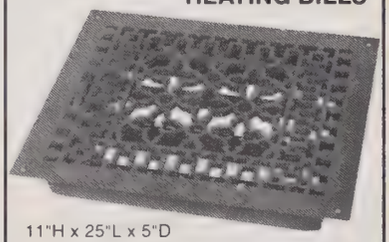

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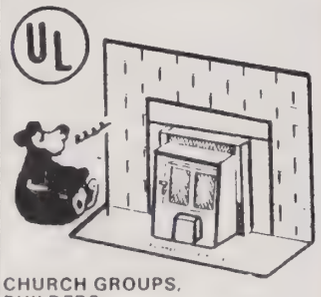

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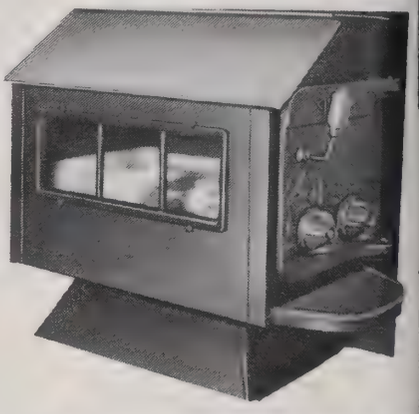

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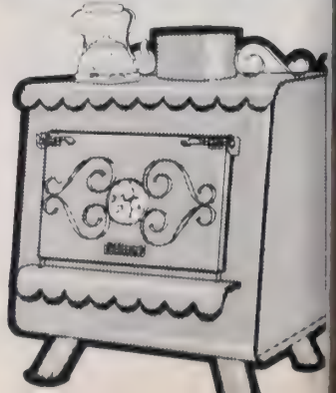

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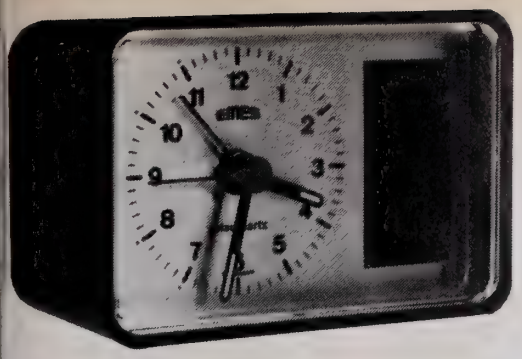

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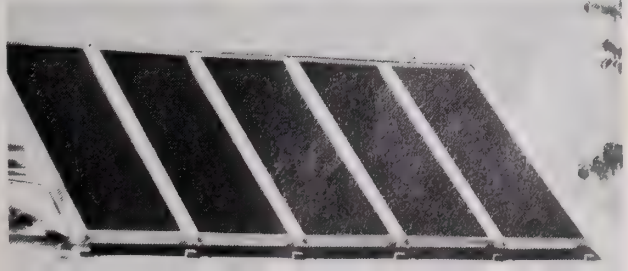

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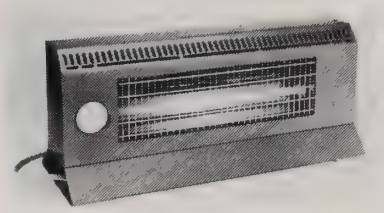

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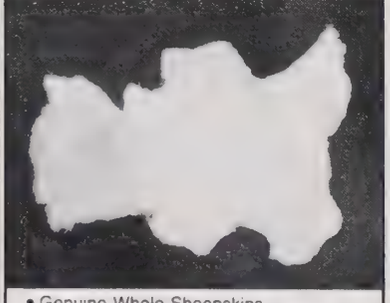

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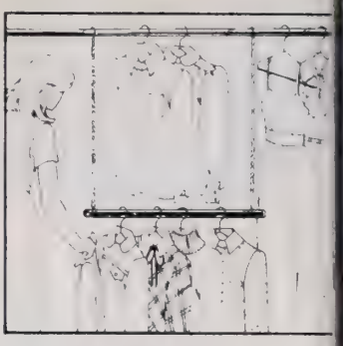

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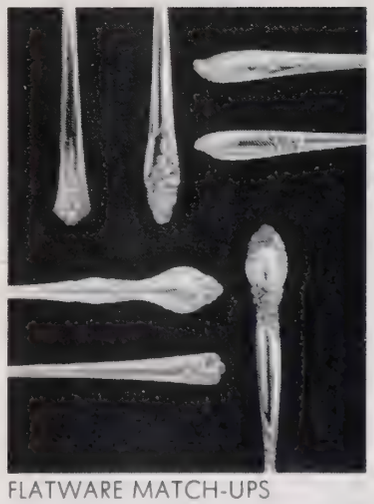

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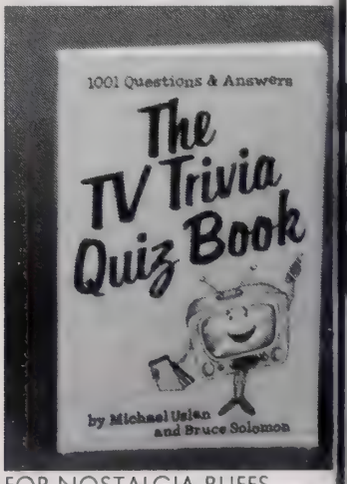

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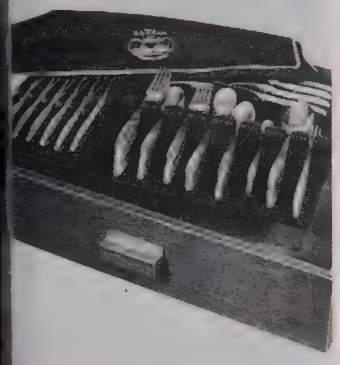

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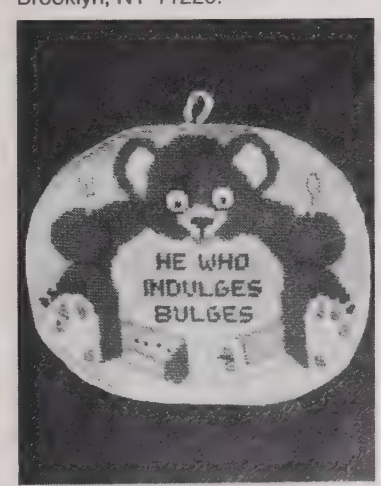

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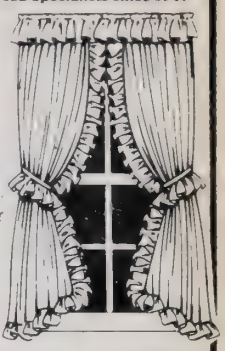

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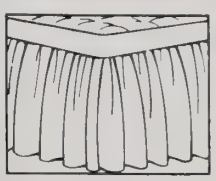

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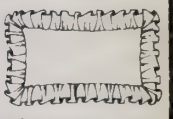

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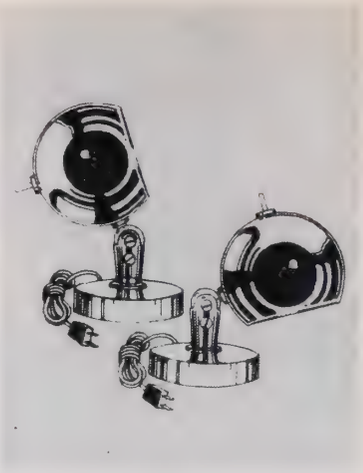

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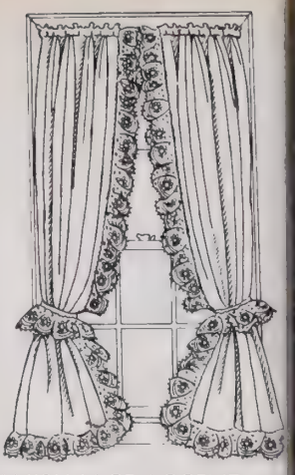

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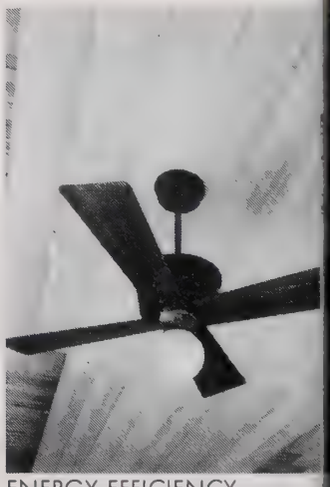

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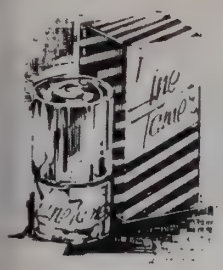

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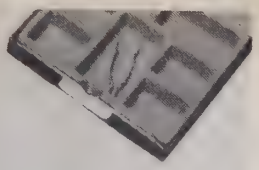

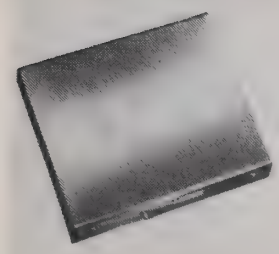

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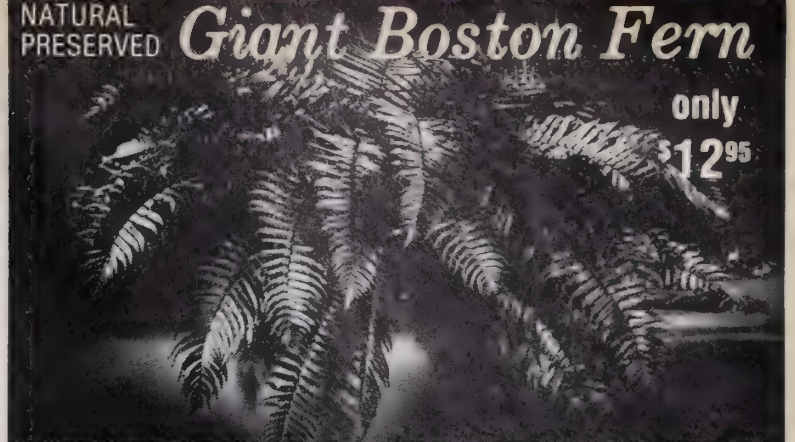

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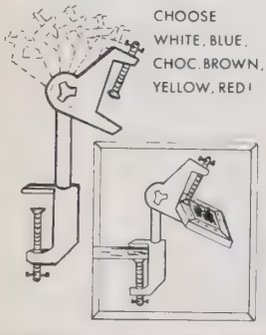

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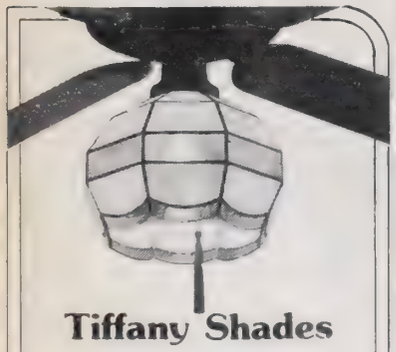

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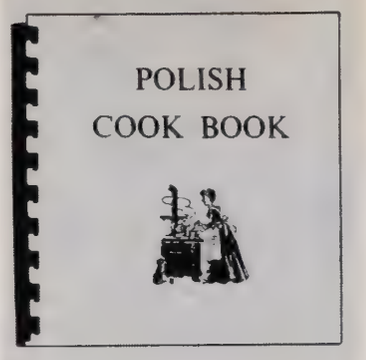

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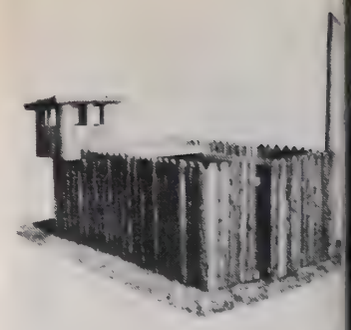

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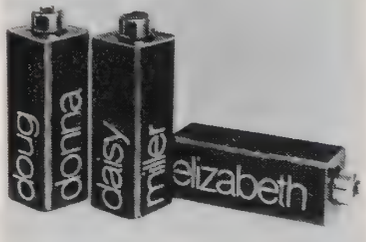

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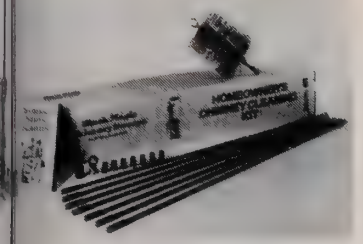

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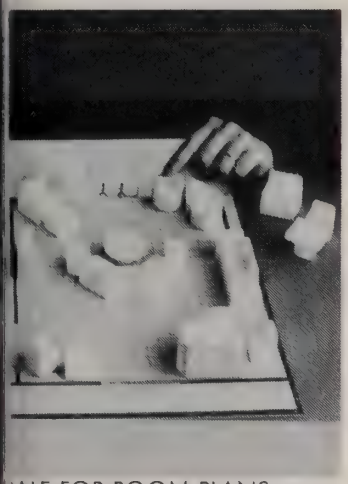

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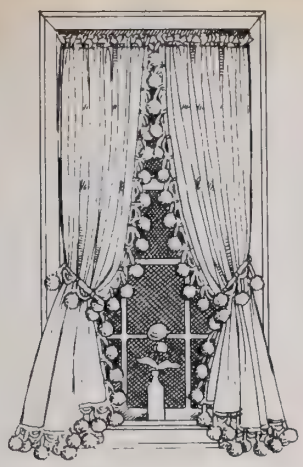

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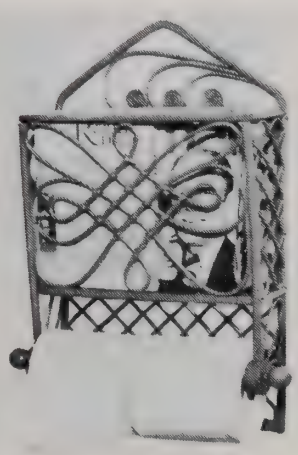

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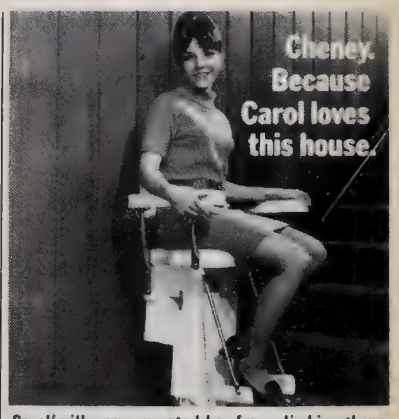

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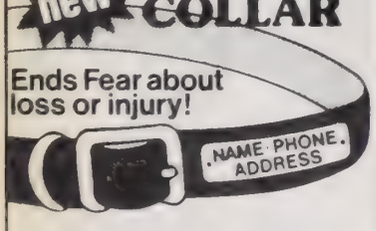

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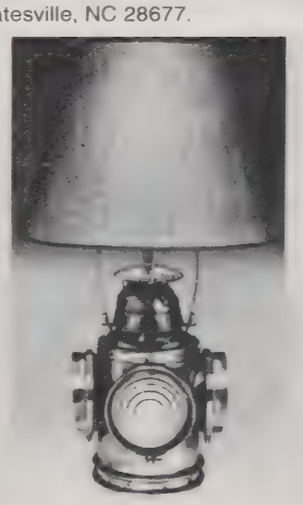

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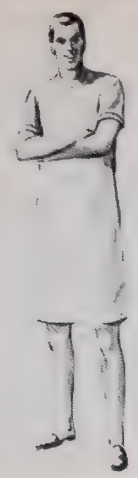

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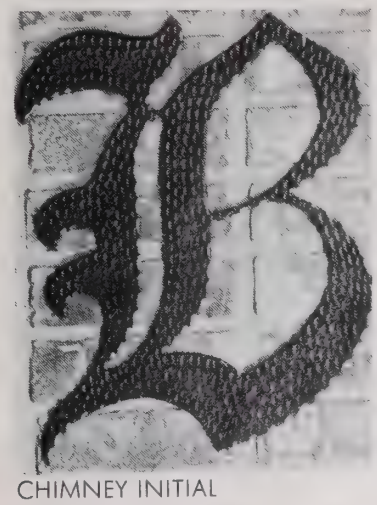

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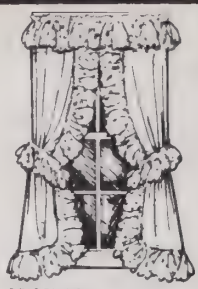

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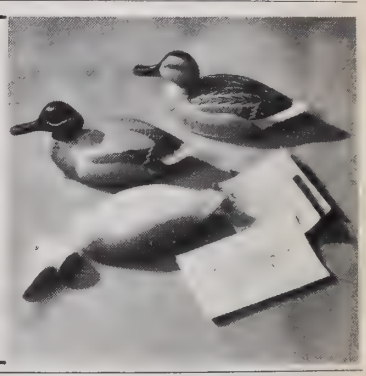

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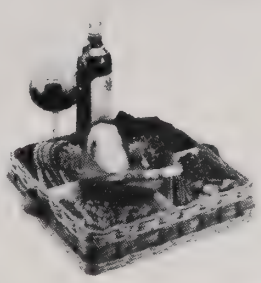

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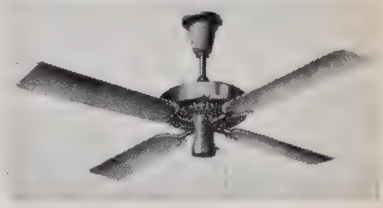

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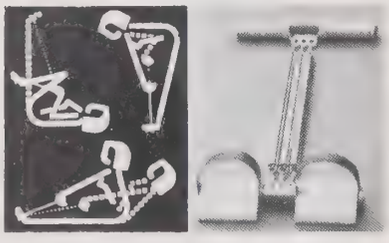

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The beautiful Crystal Night Light adds light and decor to bathrooms, bedrooms, nurseries, any room in the house. Designed to blend with any color combination. Available in round or oval and base of acrylic. Your choice: red, white, green, blue, and yellow. Combined with colorful dried flower arrangement, attractive feathers, or sea shells. A real conversation piece and practical [illegible] as well. Only $5.49 + 50¢ postage for one, $10.00 + $1.00 postage for two. Money back guarantee. Order from:

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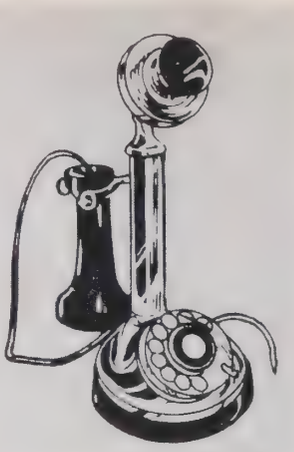
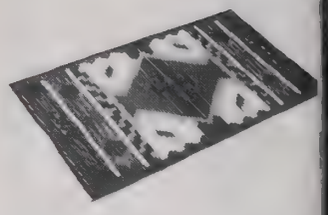


UPRIGHT REPLICA

A 1920's type ringer, from an earlier era. Ready for use with mod. plug, FCC approved. No monthly charges. Unbreakable Sycolac in black or ivory. $49.95 plus $2 post. Write or call 305/733-3900 for free catalogue of phones. Telephone Warehouse, Dept. HG, 1821 NW 38th Ave., Lauderhill, FL 33311.



NAVAJO REPLICA

Navajo design rug blends iv[illegible] ground with rust, gold and bro[illegible] accents. 2' by 3' $19.95; 3' by [illegible] $34.95; 4' by 6' $49.95; 6' by [illegible] $89.95. Ppd. Full color catalo[illegible] available (includes Oriental, Scan[illegible] navian rugs) $1. Order from Peerl[illegible] Imported Rugs, Dept. GE-2, 3028 [illegible] Lincoln Ave., Chicago, IL 60657

TALL DIRECTOR'S CHAIR

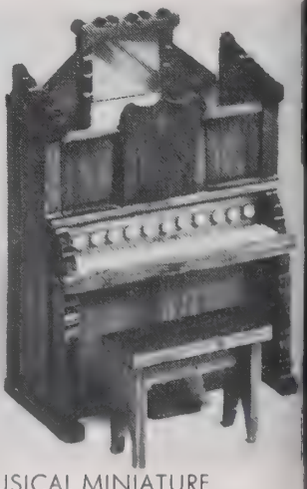
Counter 24" or bar 30". Canvas in white/natural/linen/sand/pumpkin/slicker yellow/rust/chocolate/red/black/blue/lime/dark green/ pink/purple/navy. Wood frame: walnut finish $61; white, black, natural $57. Shpg. coll. Catalogue $1. AE/MC/V. Jensen-Lewis, HG2, 156 7th Ave., NY, NY 10011.

SPARKLING PAIR

Drop-prism lamps have exclus[illegible] design that combines cut crys[illegible] ball and imported u-drop pris[illegible] with Rogers gold-finish base a[illegible] shower. Completely electrifi[illegible] 16"h. by 7"w. Pr. $29.95 exp. c[illegible] BA/MC. Catalogue 25¢. Luigi Cr[illegible] tal, HG2, 7332 Frankford Av[illegible] Philadelphia, PA 19136.

OLD SOUTH REPLICAS

Cast aluminum dining group. Welded pedestals support 36x60" glass top of 29"h. table. Arm, side chairs 35"h., 16" to seat. Center epergne 9"h., 3 arms. Tulip urn/pedestal 36". Wired chandelier, 6 arms 11½". Cushions extra. Group $1200 shpg. ppd. Moultrie Manufacturing, HG2, Drawer 1179, Moultrie, GA 31768.

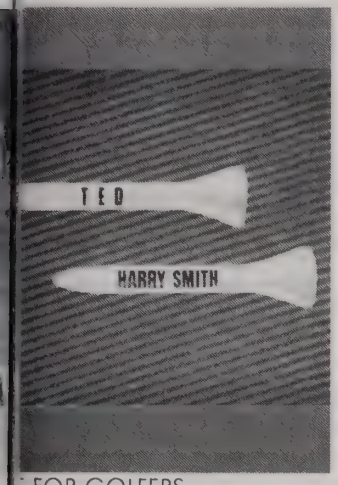


MUSICAL MINIATURE

Delightful little organ with ben[illegible] Music box inside plays "Love S[illegible] ry". Made of weed, it has mirror top and tiny pearl stops. Measur[illegible] 5½" by 4⅛". $10 plus $1 po[illegible] A large illustrated catalogue is [illegible] (or $2 for first-class mail). The Do[illegible] House of Westchester, HGE8, Main St., Hastings, NY 10706.

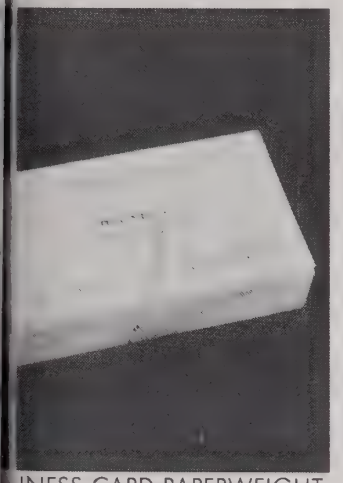
MING PIGLETS

er of eleven piglets produces pig-like tinkling sound as they the wind. Each pig is 4 by 3" es and is made of a highly d ceramic in a variety of col- They dangle from nylon cords, high overall. $17.95 plus $2.50 Artisan Galleries, HG2, 2100 Haskell Ave., Dallas, TX 75204.



FOR GOLFERS

ten up his or her game with onalized golf tees. Package of golf tees with the name em- ed is $5.95 plus 95¢ post; order or more boxes and the postage d. Ten day Christmas delivery ce. Please print clearly. Jomar stries, HGE, 460 S. 10th Ave., Vernon, NY 10550.

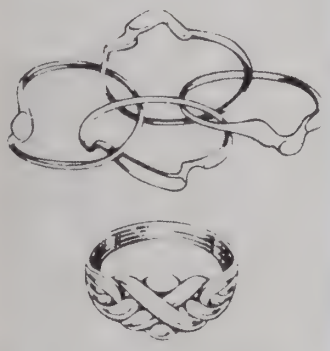


INESS CARD PAPERWEIGHT

card becomes a handsome erweight. Just send business , and it will be photo-engraved rass-colored metal then mount- n ¾" Italian marble. It's dupli- d exactly as sent, so please t staple or paperclip it. $8.50 50¢ post. Bruce Bolind, HG2, Bo- Bldg, Boulder, CO 80302.

HANG-UP TRAC RACK

Butcher block modules slide into metal track. Each accepts peg, or can be used as spacer. Aluminum, brown or white. Wooden pins, hardware included. Fasteners hidden. 24" $12.50; 36" $15. Add $1.75 post. Catalogue $1 (refundable). Unique Naks, HG2, Box 698, Lenox Hill Sta., New York, NY 10021.

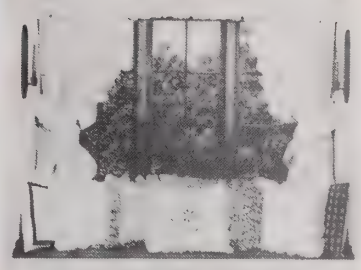


IT'S A PUZZLER

Sterling silver puzzle ring made from secret design created in the exotic East. Four interlocking bands intricately fashioned in separate patterns to form single band. Just try to fit it together (then read instructions). Sizes 3-8 (specify). $5.95; two for $11 Ppd. Postamatic Co., HG-280, Lafayette Hill, PA 19444.

UNIQUE LIGHTING

Genuine South Pacific coral and driftwood formed into a mushroom cluster of lights that gives off a distinctive glow. Effective for night light or atmospheric light in any room. 8" high with cord switch. $22 plus $2.50 post. Write to Pretty Things, HG2, 200 Dake Ave., Rochester, NY 14617.

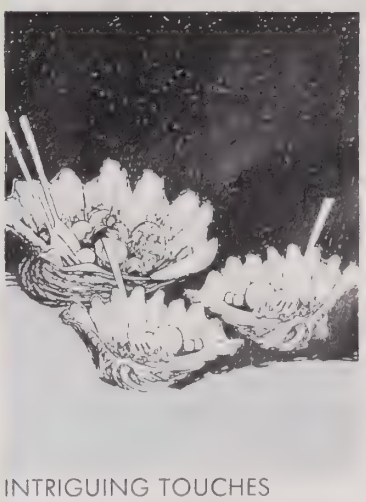


RUFFLED CURTAINS

Poly/cotton, 5" ruffles in eggshell or white. Valance is part of curtain. 86" w. pr. 45", 54" l. $18; 63", 72" $21; 81", 90" $24. Tiebacks incl. Insert valance (6½" by 54") shown, $5. Washable. Pillows available. Fabric samples (150) $4. Color catalogue free. Constance Carol, Dept. HG2, Box 899, Plymouth, MA 02360.

KNIT VALET

Handy little comb strokes out mats, pills and balls from napped fabrics in seconds. Use it on sweaters, shawls, any knit. May be used on fabrics of man-made fibers. Great for travel, office, too. $2.29 plus 35¢ post. Order D-Fuzz-it from Anthony Enterprises, HG2, 587 Post St., San Francisco, CA 94102.



INTRIGUING TOUCHES

Real shell bowls are imaginative additions to your table settings. Like the Giant Clam shell, they can be used to serve soup, salad, dessert, and lots more. Shell bowl, 12" to 13" $12.95; or two 8" bowls for $12.95. Add $3 post. Tropical Shell Institute, HG2, Box 21490, Ft. Lauderdale, FL 33335.

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Made of solid Blue Ridge Hardwoods—Oak & Hickory. The 6' bookcase frame (shelves not included) approx: 36"W x 12" D. natural Oak—$29.95 ea. Hickory dowel shelves $5.00 ea. The Modified McCoy Turkey Coop™ coffee table approx. 32"L x 20"W x 18"H. Dowel or plywood bottom (please specify) $29.95 ea. Either dark stained add $5.00. Please include $6.25 ea. for shipping (UPS) handling & insurance (bookcase or coop). Send 25¢ for a fully illustrated catalog of all McCoy products. Visa/BA, MC accepted. Include No. & Exp. date. Credit card phone orders cheerfully accepted (10-5 pm).

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A pair of charming 9½" high children to sit on your terrace, in the garden, or on a garden wall. Use them for bookends, door stops, or set them on your hearth just for the heck of it. Cast in gray antique stone for inside or outside use. Shipped PPD in the U.S. Please enclose check or money order. Calif. residents add 6% tax. Please specify #1 or #2. $19.00 each, $37.50 pair.

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Corrects posture instantly, comfortably. Scientific design provides even distributed support for sagging shoulders. Improves appearance, gives you a wonderful new feeling of confidence. Beautifies your bustline, naturally. Changes your body profile . . . brings out charms you never knew you had . . . helps keep you from hiding your femininity beneath poor posture. **Excellent posture corrector for men, too.** Slips on in seconds. No fitting. Made of highest quality ventilated-for-comfort 3-ply cushioned material. Arm bands softly padded for maximum comfort. Lightweight, cool. Can't be detected under light clothing. Give measurement around chest. Only $7.95 plus 75¢ postage. Money-back guarantee if returned postpaid in 30 days.

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"Natural" Regularity in 2 to 5 days

with this gentle "stool softener."

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SHOPPING INFORMATION

PRICES APPROXIMATE
State and local taxes additional.
***Consult your interior designer or department store decorating service.**

COMFORTABLE CHAIRS

Pages 76-72

Prices from sources marked with an asterisk may vary significantly.

Armchair: Upholstered in beige, white, and gray linen ikat print. Down-filled cushions, $930 as shown. **Matching ottoman:** $400 as shown. Both by Baker Furniture. At W & J Sloane, NYC 10018.

Dining chair: Upholstered arms and legs. $415 as shown. At Lord & Taylor, NYC 10018.

Solid-oak rocking chair: Specify catalogue #S50, $110 plus shipping (75 lbs.) from Workbench, 470 Park Ave. South, NYC 10016 (catalogue $2).

American Chippendale-style armchair: 28 x 23 x 39 in. high. Of handcarved beechwood, with "antique mahogany" finish. $850 COM. Matching sidechair (not shown), $770 COM. Designed by Eliphalet Chapin for Smith & Watson* NYC 10021.

Wing chair: In rust-striped fabric, $1,010 as shown. By Baker Furniture. At W & J Sloane, NYC 10018.

Rosewood lounge chair and ottoman: Upholstered in leather. $1,897 as shown. Designed by Charles Eames. From Herman Miller*, NYC 10022.

"Chichester Club Chair": 37 x 33 x 31 in. high. Hair-filled, with hand-tied springs. $1,240 COM. Shown here upholstered in raw silk. Designed by Angelo Donghia for Donghia Furniture Company Ltd.*, NYC 10021.

"Egg" lounge chair: 34 x 31 x 42 in. high. Invisible swivel-tilt mechanism. Separate foam-filled seat cushion. $1,030. **"Egg" ottoman:** 22 x 16 x 14½ in. high. $275. Both upholstered in Bolivia wool, available in 47 colors. Designed by Arne Jacobsen. From ICF*, NYC 10022.

Recliner: Upholstered in tan vinyl. $330. By Burris. At W & J Sloane, NYC 10018.

Windsor-style armchair: 17½ in. sq. x 38 in. high. Of natural maple. Mail order #6035NA. $175 plus shipping (30 lbs.) from Workbench, 470 Park Ave. South, NYC 10016 (*not* shown in catalogue, which is $2).

"High Back Strips" overstuffed armchair: 42 x 37 x 27½ in. high. Wool-upholstered. $1,360 as shown. Designed by Cini Boeri and Laura Griziotti. Beylerian*, NYC 10021.

"Vertebra" office chair on casters: 23 x 25⅞ in. and height adjustable from 31½ to 33¾ in. Black thermoplastic seat and backrest, upholstered in Boris Kroll Mini Woolpoint material in Kelly green. Base and frame of cast aluminum with black epoxy finish. $541.38. Designed by Emilio Ambasz. From Krüeger*, NYC 10022.

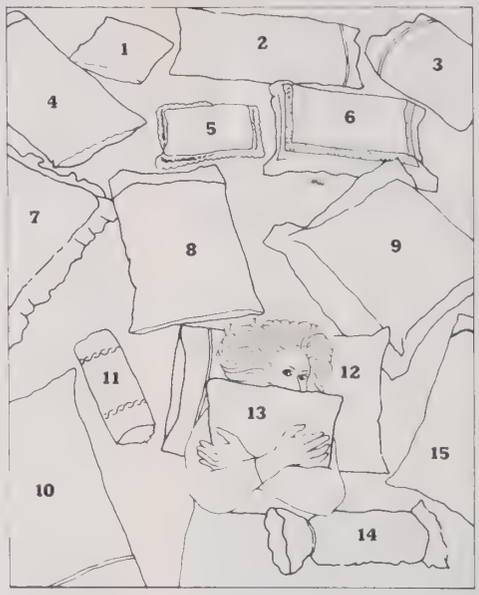
"Grand Confort" lounge chair: 38.9 x 28.8 x 24.4 in. high. Steel frame with glossy green urethane finish, upholstered in natural linen. Designed by Le Corbusier. $1,650. From Atelier International*, NYC 10022.

PILLOW STORY

Page 81

1. Cotton-covered pillow: 12 in. sq., fiber-filled. Shown in yellow. Available in 6 other colors. $26. By T & J Vestor. At Bloomingdale's, NYC 10022.

2. "Sunstone" pillowcase: Of cotton and polyester Ultracale material, 180 threads per sq. in. King-size, about $8 pair. By Wamsutta.



3. "Jade" pillowcase: Of cotton and polyester. Standard size, about $8 pair. From the Colorworks line by Springs Mills.

4. "Pistachio" pillowcase: Of cotton and polyester. King-size, about $10 pair. From the Utica Pipeline collection by J. P. Stevens.

5. Baby-size cotton pillowcase: 13 x 7 in. Blue with deep blue embroidery. $47. At Pratesi, NYC 10021.

6. European-style cotton pillowcase: 20 x 28 in., with 4 in. flange. Light green, embroidered in white. $86. At Pratesi, NYC 10021.

7. "Wild Plum" ruffled pillowcase: Standard size, about $12. By Martex, WestPoint Pepperell.

8. "Azure Blue" pillowcase: Of cotton and polyester percale. Standard size, about $4.50 pair. From the Artistry collection by St. Mary's for Fieldcrest.

9. Custom-sewn pillowcase: 26 in. sq., with 4- in. flange. Sewn from a "Raspberry" sheet from the Colorworks line by Springs Mills.

10. "Emerald" pillowcase: Of cotton and polyester. Standard size, about $8 pair. From the Utica Pipeline collection by J. P. Stevens.

11. Orange neckroll pillowcase: Of cotton. 6 in. diam., 16 in. long. With dark brown chain-stitch embroidery. $50. At Pratesi, NYC 10021.

12. "Amethyst" pillowcase: Of cotton and polyester Ultracale material, 180 threads per sq. in. With white piping. Standard-size, about $7.40 pair. By Wamsutta.

13. Cotton-covered pillow: 12 in. sq., fiber-filled. Shown in red. Available in 6 other colors. $26. By T & J Vestor. At Bloomingdale's, NYC 10022.

14. Cotton neckroll pillowcase: Light green, 6 in. diam., 16 in. long. $40 at D. Porthault, NYC 10021.

15. "Lemon" pillowcase: Of cotton and polyester. Standard size, about $8 pair. From the Colorworks line by Springs Mills.

PRICE-WISE COMFORT

Pages 94-97

"Archives" Berber-style carpeting: Of Zefron

acrylic. Shown in Moroccan brown (#3006). 12 foot width, $12.95 sq. yd. By Patcraft Rug Mills.
"Garland Girl" poster: 3½ x 6 feet. Adapted from a costume sketch by Oliver Messell. $50 unframed plus $3 shipping (3½ lbs.). From American Ballet Theatre Boutique, 888 Seventh Ave., NYC 10019.
"Box Mount" wood frame: Custom made. At Sam Flax, NYC 10022.
"Tizio" high-intensity desk lamp: 37 in. maximum arm reach, 46½ in. high. Arms of metal with black matte finish, red trim. Counterweight system and swiveling base makes it adjustable to nearly any angle. Safety fuse transformer inside ABS plastic base reduces power from 110 V. to 9/12 V. for the 55 watt, 12 V. halogen bulb. $235 with bulb. At Thunder & Light, NYC 10003.
Blue sheets: Of Dacron polyester-and-cotton no-iron percale, with white hem stitching. By Martex, WestPoint Pepperell.
Accessories: White china plates, wok, glasses, napkins, and the top of a small, square stainless steel dish used as an ashtray. At Manhattan Ad Hoc, NYC 10021.

FORCING BRANCHES
Page 98-99
"Palace Urn" vase of clear glass: 20 in. tall. Made in America. $45 plus $5 UPS shipping and handling. From The Glass Store, Inc., 1242 Madison Ave., NYC 10028.
White porcelain basket: 8¾ in. wide x 11 in. tall. From Italy. $110 plus $2 shipping. From Tiffany & Co., 727 Fifth Ave., NYC 10022 (catalogue $2).
One-of-a-kind handthrown terra-cotta ginger jar: 21 in. high. Glazed and unglazed. Signed by Don Cornette. $450 plus shipping. From LCS Incorporated*, NYC 10021.

WINE & FOOD
Page 115
"Bianca" porcelain platter: Shown in "Tavola" fish shape. 17 in. long, $58.50. **Matching butterboat:** 4 oz. capacity. With stand, $22.25. Not shown but also available: Matching 5-piece placesetting, $42. Sauceboat: 13½ oz. capacity. With stand, $33. From the "Tavola" fish-shaped line of porcelain by Hutschenreuther. Tablesettings available in 8 other "Tavola" patterns; platter, butterboat, and sauceboat in 9 other "Tavola" patterns; all at additional cost. At Bloomingdale's, NYC 10022; Bullock's, Los Angeles 90055.

STEAM COOKING
Page 117
Heavy-gauge stainless steel spaghetti strainer: Straight-sided, 8½ in. diam. $20. By Vollrath.
Handmade white stoneware steamer: 2-qt. capacity. Sits in a saucepan over boiling water, with steam rising through center hole. Dishwasher safe. $38, by Shafford. At La Cuisinière, NYC 10021.
Stainless steel asparagus steamer: 9¼ in. high, 6½ in. diam. Specify catalogue #H468. $39.95 plus shipping (5 lbs.) from Hammacher Schlemmer, 145 E. 57th St., NYC 10022 (catalogue, $1).

COOKING WITH STEAM
Pages 118-119
All the following are available from The Silo, RFD 3, Upland Rd., New Milford CT 06776 (shipping and any sales tax additional).
Top left photo:
Handmade plate of leadfree pottery: Blue and brown on ochre: 11 in. diam., oven-safe. $14. By Robert Parrot.
Single wok steamer basket: Handwoven of bamboo. 9½ in. diam. Imported from the Philippines by Mack. $5.
Top right photo:
White ceramic tureen with two lionhead knobs: 3 qt. capacity. Dishwasher- and microwave-safe. With ladle and cover, $30. By Marsh Industries.
Bottom photos, left to right:
1. White stoneware platter: Oval, squared-off edges at ends. By J & G Meakin. 12 in. long, $8. 14 in. long, $13.
2. (Front) White oven-to-freezer-to-table platter: Microwave-safe. By El Camino. 16 x 11 in., $15. 20 x 16 in., $20. **(Rear) "Rothwoman" stoneware turkey platter:** 14 in. diam., underglazed; oven- and dishwasher-safe. $45. By Jeanette Rothman.
3. Stainless steel steamer with copperclad bottoms: 12 in. diam. By Joyce Chen. $125.
4. "Rothwoman Sunburst" brown-and-white stoneware plate: 10½ in. diam. $21. By Jeanette Rothman. **Individual freezer-to-oven-to-table soufflé dish:** 8 oz., microwave-safe. Shown in "Pacific Sand." Also available in white. $16 the set of 4. By El Camino. **Brown-and-white cotton-and-polyester napkin:** 16½ in. sq., no-iron. $1.75. By Romatch.
5. Glazed earthenware "Gourmet Steamer": 3 qt. capacity, 8 in. diam. $30. By Ironstone Pottery.
6. Cabbage-patterned plate of Portuguese earthenware: 10¾ in. diam., $9.50. 4-piece placesetting, $24. From the Tastemaker collection by Sigma. **Brown-and-white polyester-and-cotton scarf napkin:** 21 in. sq. $3. By Now Designs.

THE KITCHEN
Page 142
Handmade glazed stoneware apple baker: Center spindle transfers heat for even cooking. $8.50. By Hartstone.
"Vege" papers of pure vegetable cellulose: No additives or fibers. To use as wrapping during normal cooking time to help retain nutrients of vegetables. May be used about 15 times: Rinse paper and hang up to dry. Package of four 22 in. sq. sheets, $4.75. By Vege-Paper. At Bloomingdales's, NYC 10022; John A. Brown Kitchenwares, Oakland CA 94618.
In Clare Ruthrauff's kitchen:
4 qt. copper-covered buffet server (double boiler): $71. **2 qt. copper insert:** $44. Both with stainless steel lining and by Revere Ware. At Marshall Field's, Chicago 60690.
Enamel-on-cast-iron covered chicken fryer: 12 in. diam. From Denmark. $47. **Enamel-on-cast-iron skillet:** 8½ in. diam. From Denmark. $23. **Mixing bowls:** 2 qt., $9.50. 3 qt., $12. **5 qt. salad bowl:** $16. **6½-in.-diam. utility bowl:** $5.30. All bowls of dishwasher-safe Melamine plastic. All by Copco.
Baking pan: 10 x 13 x 2 in. Of aluminum alloy. $44. **5 qt. covered casserole:** Of aluminum alloy, with cover of magnesium and aluminum alloy. $56. Lids and pots are non-rusting. Pots will not alter taste or color of food and will resist staining and pitting. Both from the Magnalite Professional cookware line by General Housewares Corp.
1 pt. Pyrexware glass measuring cup: With

Continued on next page

Fraises des Bois

French woodland strawberries

a charming edging plant
for the perennial border,
luscious berries, too...
from June until frost.

Clumps of cool green leaves, white blossoms, and red berries grace these lovely plants all summer long. They grow to eight inches and a foot wide — and do not send out bothersome runners. Propagating instructions are sent with the order. Divide these large field-grown plants when received, then again the following spring. You will then have 100 plants or more from the first dozen, yielding ample servings of this great European delicacy every week.

Because of their luscious flavor, woodland strawberries were first cultivated in the gardens of the Louvre in 1360 by Charles V — and we named our strain for him. Order 'Charles V' now and we will ship it in time for spring planting. These are large field-grown plants. Orders postmarked after June 1 will be shipped in early fall. One dozen 'Charles V' $15.00, two dozen to one address, $24.00; please add $1.50 per dozen for delivery to Gulf States, $2.50 west of the Mississippi. This is a fruit — no Connecticut Sales Tax.

— Amos Pettingill

Spring and Fall editions of *The Garden Book*, our catalogues, which tell more about how-to-garden than the 1200 plants listed; plus three issues of NOTES, an invaluable reminder publication, are offered for $5.00 (deductible from first order). It's our Gardening Publications Service and is sent at no charge to active customers.

— A.P.

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Shopping information
continued from preceding page

metric and American measures. $2.29. By Corning Glass Works.

Paddle-shaped Northern hardwood chopping board: With rounded edges and hole for hanging. 9 x 17 in. $5.79. By Martens Manufacturing Inc. (subsidiary of Foley Manufacturing Co.). At selected F.W. Woolworth stores.

Graduated measuring spoons: 6 different measures from ¼ teaspoon to 1 tablespoon. Of dishwasher-safe plastic. Snaps together for easy storage. 89¢ By Foley Manufacturing Co.

Kitchen utensils: 10-inch stainless steel balloon whisk, $5.50. Stainless steel spatula, $4.25. French Euroc stainless-steel-bladed knives: 3 in. blade, $9. 6 in. blade, $23.50. Assorted wooden spoons. All by Rowoco.

Heavy-gauge aluminum cookie sheet: 17 x 14 in. $9.95. By Leyse Aluminum. At Marshall Field's, Chicago 60690.

Handheld can opener: Nickel finish, with vinyl cushion handles. $1.89. By Swing-A-Way.

Rectangular white porcelain baking dishes: 8½ x 13¾ in. From France. $24.95 each. **2½-qt. contemporary enamel-on-steel tea kettle:** By Le Creuset. $29.95. Both imported by Schiller & Asmus. At Cook's Mart, Chicago 60611; The Cook Store, Los Angeles 90069.

8 in. diam. reinforced fine aluminum mesh strainer: Black plastic handle. $2.32. **12 in. slotted chrome spoon:** Black plastic handle. $1.16. Both by Ekco Housewares.

Almond-colored hand-held electric mixer: Variable settings and "Burst of Power" option. About $27.95. By Sunbeam Appliance Company.

BUILDING FACTS

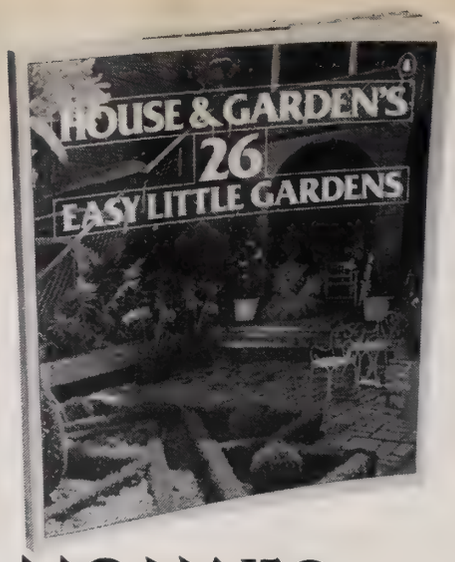
Materials and equipment used in the house shown on pages 106-109.

ARCHITECT: David Sellers
CONTRACTOR & LANDSCAPING: Don Mayer
SIZE OF HOUSE: 1,800 square feet.
SIZE OF LOT: 2 acres.
STRUCTURE
Foundation: Concrete.
Framing: Wood frame.

EXTERIOR OF HOUSE
Exterior walls: Native spruce clapboards.
Exterior stain: Natural oak stain by Cabot.
Insulation: Urethane foam.
Windows: Homemade plastic windows.
Skylight: Plastic skylight by Swedlow, Inc.

INTERIOR OF HOUSE
Interior walls and ceilings: Sheetrock.
Floors: Slate from local quarry throughout.
Fixtures: Recessed fixtures.
Hardware: Used brass.

MECHANICAL EQUIPMENT
Heating systems: Passive solar heat with back-up heating from Defiant wood-burning stove by Vermont Castings, and Round Oak antique stove; windmill by the North Wind Power Co.; water heated by "Sunworks" solar panels ■



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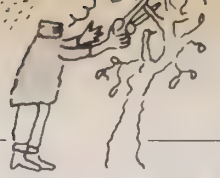

THE GENTLE ART OF FORCING

How to make branches leaf and flower indoors weeks before it's spring outdoors

Life without flowers is rather thin and bare, and you don't want to go through winter without them," says J. Barry Ferguson, *below.* "A few branches, combined with forced bulbs or a handful of florist's flowers, can be marvelous." Mr. Ferguson heads his own landscaping and floral design firm. He makes the spectacular bouquets for New York's annual Winter Antiques Show at the Seventh Regiment Armory (Jan. 26 through Feb. 3). Whatever the season, it's a

Barry Ferguson in February

rare Ferguson bouquet that doesn't include branches—often loops of willow twigs in summer, berries in fall.

"For instant spring," he says, "all you need is a sharp saw or pruners for cutting branches outdoors, warm water for soaking and misting them indoors. When the buds start opening, move them to good light. You might also top the water occasionally and use charcoal or a few drops of bleach to keep the water sweet. Branches in flower usually last a week; catkins, longer.

"Forsythia and Cornelian cherry are failsafe. What's early to bloom is fast to force. For dogwood and apple, the later in spring you cut, the quicker the process. It helps to slit and scrape the branches of shrubs; hammer tree branches to open them up. Anyone with a cool greenhouse has ideal conditions for forcing. For apartment dwellers, a sleeve of plastic sheeting can boost the humidity dogwood and apple need. Of course you never want to cut late-spring or summer bloomers, such as deutzia and weigela, that need spring to set buds.

"For me, the act of putting branches or a flower in water is what arranging is all about," he continues. "When I give a lecture, I try to break down the barrier in people's minds that fixing flowers is a mystic art. Often garden club members, with very good intentions, set up a series of rules: 'you *shall* not, you *must* not, you *cannot,* you *do* not.' What is all this? Gather your flowers and arrange them spontaneously! Now if in the final analysis your flowers are wrong for a room or for the vase, or simply too tall and the vase will topple over, then go back to words like proportion, line, harmony, and all that. Certainly there should be some sort of interaction between the vase and arrangement. A narrow-necked heavy urn is good for branches. Clear glass that shows the stems is attractive. Anything that holds your flowers or branches as your hands would is a good shape.

"And never be sad the flowers die. Their fleeting beauty is what we cherish. Love them while they're there."

Branches to cut and put in rooms 60°-72°

ALMOND *Prunus Davidiana, Prunus triloba* White. If cut in Jan. will take 4-3 weeks; in mid-March, 2 weeks, depending on variety, weather.

APPLE and CRAB-APPLE *Malus sylvestris* Pinkish white, Cut Feb., 5-4 weeks; mid-March, 3-2. Keep cool, humid.

APRICOT *Prunus Ameniaca* Pinkish, and **JAPANESE APRICOT** *Prunus Mume* White to red. Cut early Feb., 4-3 weeks.

BEACH PLUM *Prunus maritima* White. Cut in late Jan., early Feb., 5-3 weeks.

BIRCH *Betula pendula* White birch's pale foliage and catkins. Cut in early Feb., 4-2 weeks.

CHERRY *Prunus serrulata, P. yedoensis* White Japanese flowering cherry. Cut late Jan., 4-3 weeks; mid-March, 3-2.

CORNELIAN CHERRY *Cornus mas* Yellow. Cut late Jan., 3-2 weeks; Feb.-March, 1. Easy.

DOGWOOD *Cornus florida* White. *C.f. 'Rubra'.* Pink. Cut mid-March, 4-2 weeks. Keep cool, humid.

FORSYTHIA *Forsythia* Showy golden bells. Cut early Jan., 3 weeks; early Feb., 2; March, 1. Easy.

HORSE CHESTNUT *Aesculus Hippocastanum* Sticky, felty buds become white blotched flowers. Cut mid-March, 5 weeks. Long-lasting.

LARCH or TAMARACK *Larix laricina, L. Lyallii* Tufty needles, bright green. Cut Feb., 4-2 weeks.

PEACH *Prunus Persica* Pinkish white. Cut late Jan.-early Feb., 5-4 weeks; mid-March, 3-2 weeks. Better later.

PEAR *Pyrus communis* White to pale pink on dark bark. Timing similar to peach. Long lasting.

PUSSYWILLOW *Salix caprea, Salix discolor* Buff catkins. Cut in Feb., 2-1 weeks. If roots develop, plant outdoors. Keep dry to prevent pollen. Long lasting.

QUINCE *Chaenomeles japonica* Salmon-orange. *C. speciosa* Red, white, pink. *Cydonia oblonga* White to pink, Cut early Feb., 5-4 weeks; mid-March, 2. Easy.

REDBUD *Cercis canadensis* Tiny clusters, rose-magenta. March, 3-2 weeks.

OAK *Quercus* Velvety pink to bronze-red leaves that change to green; male catkins, female flower spikes. Cut Feb.-March, 4-2 weeks.

RED MAPLE, SWAMP MAPLE *Acer rubrum* Clusters of pink to scarlet blossoms; leaves later. Cut mid-March, 1 week. Easy.

WITCH HAZEL *Hamamelis mollis* Golden flower with purple-red inside. Cut Jan.-Feb., 1 week. Early to bloom, easy to force.

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GARDENER'S NOTES

BY JAMES FANNING

Can spring be far behind?

A new way to start seeds, plus prize-winning annuals

New way to go to seed

It seems this first growing season of the ninth decade of the 20th century has brought us a brand-new way of starting seeds. It involves sprouting the seeds on damp cloth or paper in a covered dish, then stirring the sprouts into a semifluid gel and extruding them, like toothpaste, into the garden row. Ungerminated seeds are easily removed, and, although spacing in the row may be irregular, thinning is much simplified. This method should be particularly effective for late-season crops of lettuce, which does not germinate well in warm soil. Sprouted in a refrigerator and then planted out, lettuce will be all set to grow mightily as days get shorter and nights cooler in early fall. Since roots on the freshly sprouted seed are not developed enough to be damaged by planting out, the setback usual with more advanced plants is avoided, and development is considerably hastened. A complete kit for fluid sowing, consisting of germination dishes, gel, a plastic squeeze-tube applicator ($6.95 ppd.), is listed in the Thompson & Morgan seed catalogue for 1980, available free from Thompson & Morgan, Box 100, Farmingdale, N.J. 07727.

Planted with a squeeze bottle, pre-sprouted seeds are ready to get a quick start.

1980 annuals

All-America Selections has awarded a silver medal and four bronze medals to new plant varieties available for growing in the summer of 1980. Heading the list with a silver medal is the zinnia *Peter Pan Flame*, with slightly twisted crimson-scarlet flowers that begin to appear when the plant is no more than 6 inches high. Zucchini *Gold Rush*—rating a bronze award—has profuse golden yellow fruits on a compact, nonspreading plant. Verbena *Sangria*, a low, spreading plant with wine-red flower clusters, took another bronze medal, as did marigold *Janie*, a dwarf early-flowering variety with bright golden orange blossoms. Another dwarf also rated a bronze medal, this one for the ornamental pepper, *Holiday Time*. Small enough to be used as edging, *Holiday Time* has fruit that stands upright, above the leaves, and starts out yellow, changing to orange and then scarlet. It's also edible, and hot. In seed catalogues and at garden-supply counters, All-America Selections—for 1980 and earlier years—may be recognized by the red, white, and blue shield on seed packets or labels on flats of growing plants. ■

Zucchini Gold Rush is compact, yet extremely productive.

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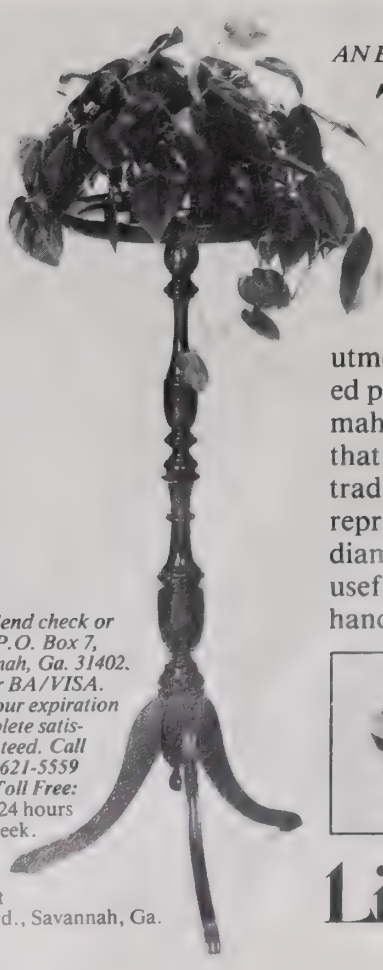

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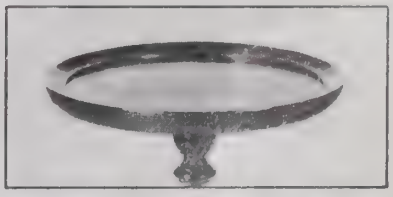

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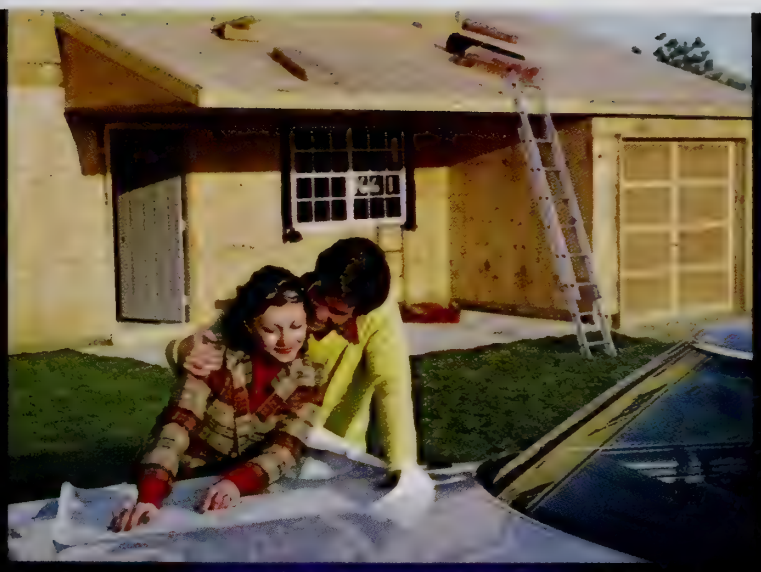

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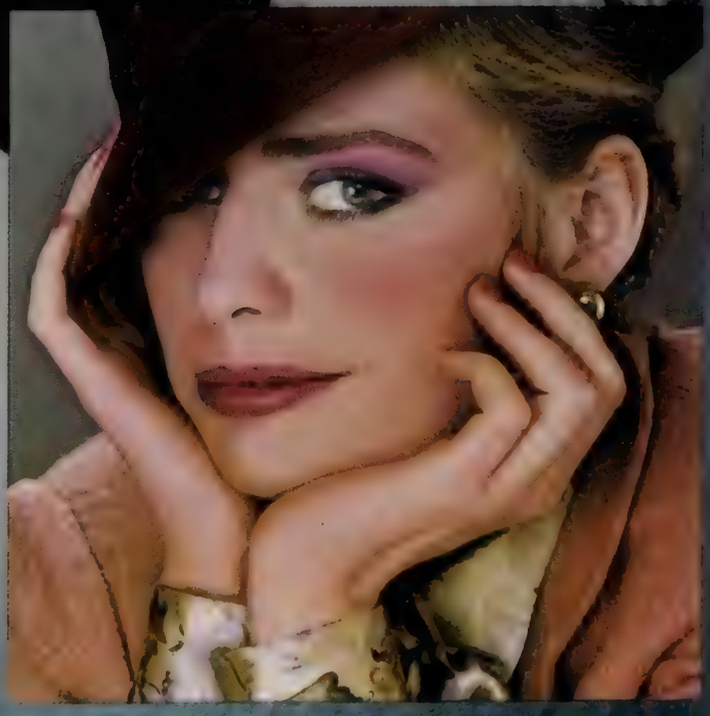

Color collections, color combinations, color coordinated by experts. That's the Blooming Colors Boutique. 4 shadow shades in each kit give you so many combinations your eyes can go anywhere in style! Each shade is super alone, or use two, three, or four to shadow, contour and highlight. 6 different kits: soft Plum Frost (on model), Bunch of Colors (Frosts, Mattes), Golddigger Frost, Blooming Browns, Blooming Blues.

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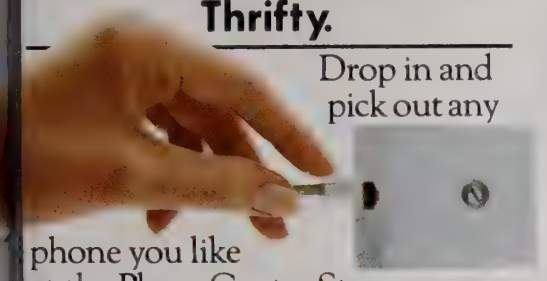

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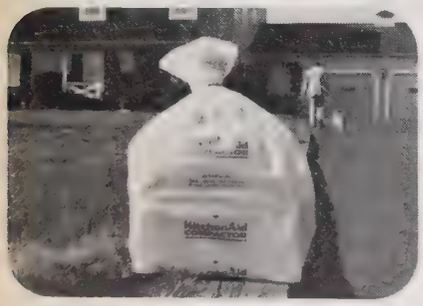

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MARCH 1980

HOUSE & GARDEN

VOL. 152, No. 3

Incorporating LIVING for young homemakers

On our cover, p. 12

Color warmed room, p. 122

Energy wise getaway, p. 150

Beginner's garden, p. 136

Ribbon stitchery, p. 144

The [illegible] Europeans, p. 195

DECORATING, ARCHITECTURE, BUILDING

44 House craft. By Deanne Raffel
106 Wake up your rooms with color—19 ideas that can color your house with new live-in excitement
114 What happens when 6 interior designers, brimming with color inspiration, are turned loose in a plain living space with a modest decorating budget
122 A place where every room opens up a whole new view of color
128 Break the pastel kitchen habit
130 Get the warmth that makes your kitchen glow
132 The man who's rewriting the language of color. By Martin Filler
140 Discoveries in House & Garden's new Porcelain Blues
146 One touch of color—new finishes for new furniture
150 Energy house: An island getaway that takes its inspiration from good old Yankee wisdom
182 The kitchen page
191 The inside story

ANTIQUES

25 Questions & answers: Antiques. By Louise Ade Boger

CREATIVE CRAFTS

144 Victorian ribbon stitchery

FEATURES

16 Living. Edited by Paula Rice Jackson
79 You and your car. The top 10 gas savers of 1980. By Richard and Jean Taylor
101 Ingenious ideas: Easy decorating
105 What you can do to fill your life with color *(Editorial)*

WINE & FOOD

154 Meal in minutes
157 The great carbohydrate comeback
158 Health power—a full day's menu on the Pritikin program
164 Good spirits: Sweet & spicy spirits. By B.J. Cutler
194 Living with pets: Should you have your pet neutered? By Patricia Curtis

GARDENING

38 Plants around the house: Off with their heads! By Richard Langer
136 Behind the sunflower curtain
224 Garden: A successful young gardener's tips and triumphs
225 Gardener's notes. By James Fanning

BEAUTY AND HEALTH

28 Looking good, feeling fit: Walk your way to physical fitness. By Suzanne Murphy

TRAVEL

53 Going places, finding things. Edited by Nancy Richardson. Seattle summer music festival. By Caroline Seebohm; Mini-trips to museums for big-trip inspiration; The pleasure of seeing other people's houses all over the South. By Diane Welebit

READER'S SERVICE

49 Dear House & Garden. By Margaret Morse
86 Headquarters for House & Garden Colors
180 Shopping information
193 Building facts
198 Shopping around with Audrey Nichols
227 Best in booklets

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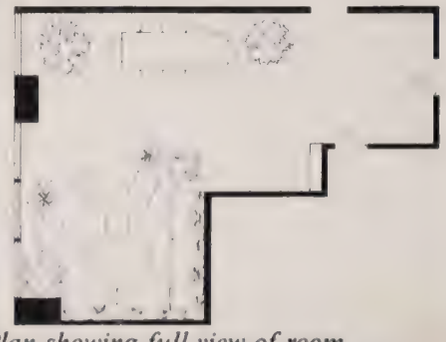
HOUSE & GARDEN

On the cover: A corner of this L-shaped living room has been turned into a comfortable seating area designed to make the most of space. Michael Taylor, who designed the room, says, "Banquettes simplify the problem of seating and make a bold, clean statement." This banquette—11 by 12 feet—is actually five wooden frames unified by the House & Garden Seafoam Green slipcovers. The two end sections along each wall are covered as one to give the appearance of a single unit. They're topped with soft seating cushions and overscaled down-filled pillows that add the look and feel of comfort. Bright pink linen pillows and pots of vivid cyclamen accentuate the pale green and the paleness of bleached oak floors, Vanilla walls, and bright lacquered Vanilla coffee table. Armless chair has two mates which can be pulled up for additional seating. The extra-deep banquettes—they measure 43 by 18 inches high—can be used as guest beds. Zippered slipcovers are made of easy-to-wash quilted cotton sateen. "Glosheen" fabric by Waverly, color and quilting pattern selected by John Rieck. Upholstery and slipcovers by Flemming Hegner. Wooden banquette frames by Kurdan. Large fishtail palm in handmade Chinese basket by Renny. Lacquered cocktail table, Roe Kasian. Handwoven mohair throw, Gregory Newham. Custom oak floor by William J. Erbe. Striped cotton and silk batik pillow by Alan Campbell. For details, see Shopping Information.



Plan showing full view of room

Famous Hothead: Earl Weaver

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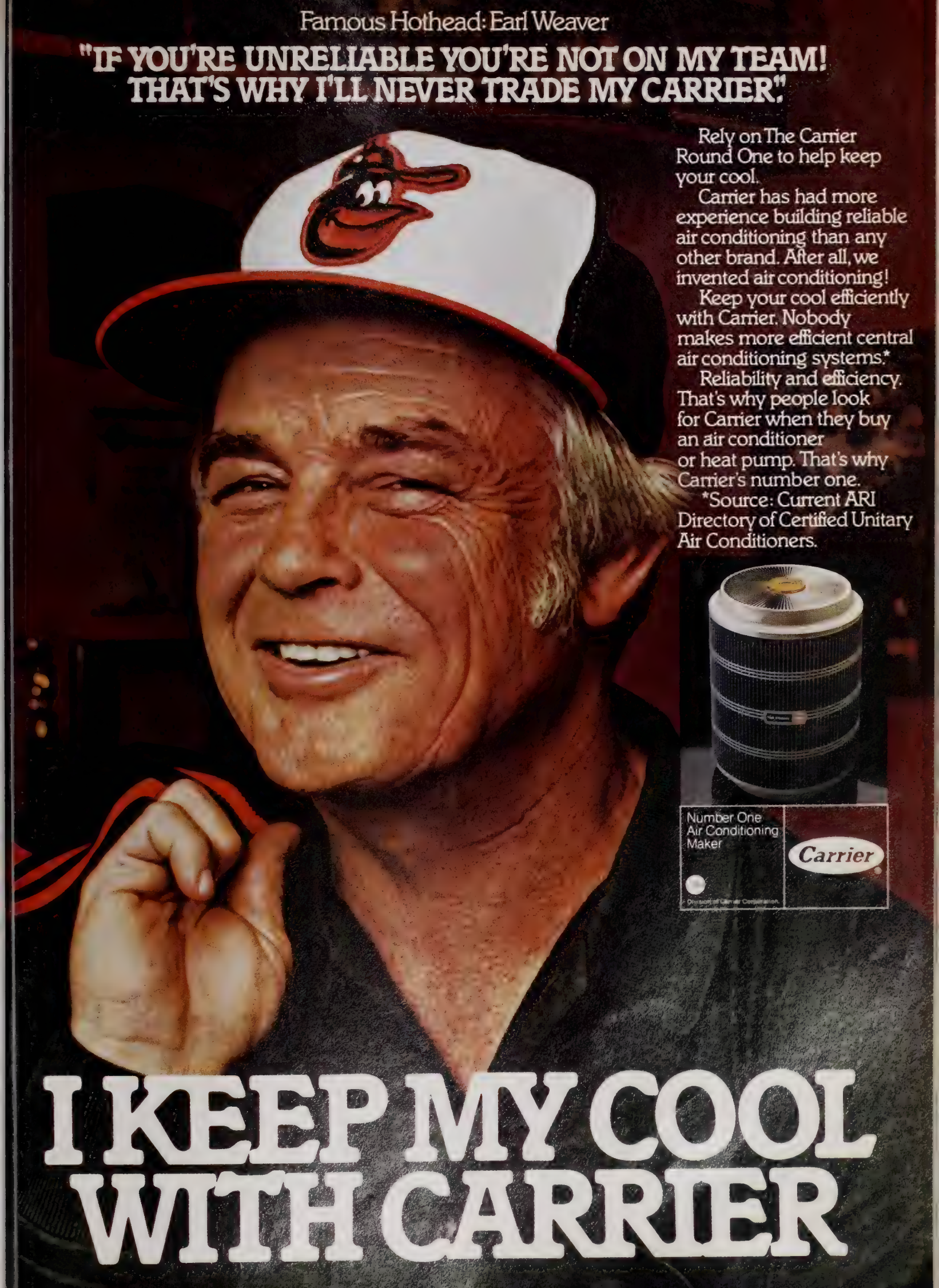

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The English Wine Table
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The Raffles Table

A lovely English side table inspired by the traditional charm of Raffles Hotel, Singapore. Mahogany with brass corner braces. Brass hinge and fittings. The legs fold for storage, the top is removable for serving. 18" high, 12" x 18" top. $26. Please add $3 for shipping and handling.

The Raffles Table
$26

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The English Butler's Table
$74

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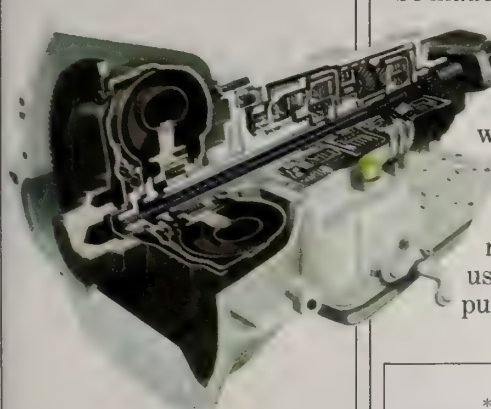
This is the first totally new Lincoln in a decade, a fine car that is appropriate to today's driving needs.

With the help of computers and finite element modeling techniques, our engineers were able to remove excess bulk and weight and to make it fourteen inches shorter than its predecessor—and at the same time to preserve all the Lincoln virtues: the classic styling; the sumptuous ride; ample room for six adults; and a deep-well luggage compartment of 22-cubic-foot capacity.

EPA Estimated miles per gallon has increased a dramatic 41% over last year.* In fact, Lincoln Continental gives you better mileage ratings than any gasoline-engine Cadillac.

Lincoln offers a new automatic overdrive transmission, the first of its kind to be made in America.



Lincoln offers as standard equipment an automatic overdrive transmission that is the first of its kind to be made in America. It improves highway mileage by reducing engine speed in relation to road speed.

It provides fully automatic gear-changing, of course—but at highway speed, it reduces engine revolutions by about 33%.

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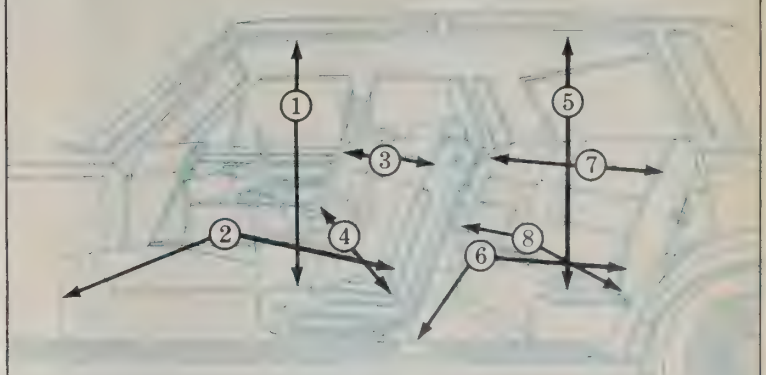
Electronic fuel injection meters fuel uniformly into the engine more accurately than a conventional carburetor.

These and other sophisticated engineering details put the Lincoln Continental miles ahead of last year's model in fuel efficiency. Its uncompromised luxury is a subjective pleasure which we invite you to experience yourself.

1. Front headroom	39.0″	5. Rear headroom	38.0″
2. Front legroom	42.1″	6. Rear legroom	43.3″
3. Front shoulder room	60.7″	7. Rear shoulder room	60.7″
4. Front hiproom	56.5″	8. Rear hiproom	57.8″



Because true efficiency should deliver comfortable miles per gallon, Lincoln's six-passenger interior is even roomier than last year.

41% *Improvement in EPA and Highway fuel efficiency ratings over 1979.

17 **EPA EST. MPG 24 EST. HWY. MPG

*Based on comparison of standard engines.

**Compare this estimate to the estimated MPG of other cars. You may get different mileage depending on speed, weather conditions and trip length. Actual highway mileage will probably be less than the estimated highway fuel economy. California estimates and percentages are different.

LINCOLN CONTINENTAL

LINCOLN-MERCURY DIVISION Ford

LIVING

The latest in design, garden ideas, crafts, books, exhibits

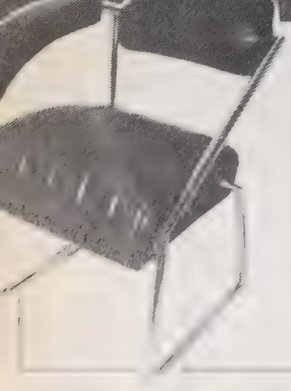
It's a one-woman show at the Museum of Modern Art. The multifaceted designer, Eileen Gray, is being given a retrospective that manages to stretch our vision

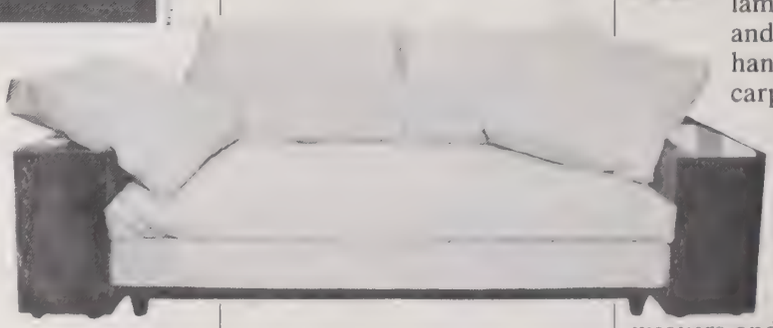
A retrospective of the work of designer and architect Eileen Gray opened at the Museum of Modern Art in New York on February 6, and if everything old looks new again, it's because this woman stretched our vision beyond imagination with the pieces she produced in the '20s. We're still catching up!

J. Stewart Johnson, Curator of Design and director of the exhibit, says, "We're highly sensitive to women as achievers today and I truly don't think this exhibit would have generated such interest and excitement 10 or 12 years ago. We've changed, of course. We've grown so much that our eyes now see the incredible dynamics behind Eileen Gray's vision. She's stretching our vision today, which is why I feel her relevance. Think of the accomplishment alone of her working in the totally male-dominated sphere of design which was Paris during the '20s. This is reason enough to give her historical importance."

Eileen Gray was born in Ireland in 1879 and died in London in 1976. In that near-century, she was a highly talented, excitingly independent artist who worked in furniture design, interior design, and architecture. In 1898 she began her apprenticeship in the shop of D. Charles in London, while studying drawing at the Slade School. Her medium? The painstakingly precise and devilishly tricky lacquer. Her designs for lacquer screens and walls revolutionized the medium, and her early fame rested on her uncanny ability to apply lacquer in an architectural manner that had never been thought possible before. Two of her intricately constructed lacquer screens will be in the Museum of Modern Art's show.

The end of World War I brought a shift away from her fascination with the demanding 22-step process of lacquering. Though she continued to use lacquer, she began to incorporate lacquer elements in furniture with chrome, glass, leather, steel, and unconventional materials such as cork, plywood, and that most modern of miracles—the new plastics. In 1922, she began showing examples of all the areas of design in which she was working: lacquer screens, both lacquer and wooden furniture, lamps, sofas, mirrors, and handwoven hangings and carpets. As early as 1910, she had a workroom in Paris outfitted with fine English looms and staffed with professional weavers and apprentices.





Eileen Gray, *top*. The controversial Monte Carlo bedroom suite, *above*. The Unconformist chair, *left*. The house at Roquebrune, *top right*. The Eileen Gray smoking table and Lota sofa, *right*. Both are available from Stendig.

Continued on page 18

Wolfschmidt Vodka.
The spirit of the Czar lives on.

It was the Golden Age of Russia, and the Czar reigned supreme. Europe, Asia: all the empire was his.

Regal coaches carried him in elegance, but with his Cossacks he rode like thunder. Hunting wild boar in the northern forests, hosting feasts for a thousand guests in the Great Palace, no man could match the Czar's thirst for life.

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Life has changed since the days of the Czar. But one legacy remains: Wolfschmidt Genuine Vodka. Made here to the same supreme standards that deserved its special appointment to his Majesty the Czar and the Imperial Romanov Court.

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Black and white and gray are the predominant colors in these magnificent Art Deco carpets. (Her niece, the English painter Prunella Clough, is recreating the carpets from her aunt's designs: They're available in Europe, and soon will be seen in America.) Eileen Gray's gallery card also suggested that she would

Eileen Gray flew across the English Channel in 1909.

design and supervise the installation of whole houses and apartments. The well-known Lota apartment of Mme. Mathieu Lévy, which Gray began in 1919, grew to include the design and execution of all the furniture, carpets, lighting systems, whole walls, and doorways of lacquer, as well as the space planning and designs of the rooms.

An extraordinary bedroom and boudoir she created in 1924, called "Monte Carlo," were extremely streamlined Art Deco and were savagely attacked by the critics.

She eventually designed four houses, two of which remain. Both are on the Côte d'Azur, one at Roquebrune, and her own country home in Castellar. Both were intended to function as vacation retreats and are filled with very modern ideas about sunshine and fresh air in our houses. Flowers, large windows, even a built-in terrace with sun traps show her interest in nature.

The major generator of interest in her today is Zeev Aram, a Dutchman, who worked very closely with Eileen Gray to produce replicas for a new group of reproductions which are now available in Europe and will come to America early this year through Stendig, a furniture company known for the classic modern pieces it has introduced here.

There are six pieces in the collection to date. One is the Eileen Gray smoking table, which is in the permanent collection of the Museum of Modern Art. It's a table made of chrome and smoked glass which adjusts through a clever bolting device hidden inside the table's handle. The Jean flip-top extension dining table pulls out to about 60 inches. There are two chairs: The Bibendum chair is a tapered tier of three leather tubes that rest on metal legs, while the Unconformist chair is built on design principles of exaggerated asymmetry.

The Lota sofa, originally designed for Mme. Lévy's apartment, was later kept in Eileen Gray's own house. The sofa is covered in canvas and rests on a lacquered base flanked on two sides by lacquered boxes. The boxes detach and roll around on casters as separate table surfaces. The flexibility of the furniture and its easy portability also predate our ideas about changing seating arrangements according to the needs of people. The last piece is the Castellar mirror, with a hidden hinge which allows one corner to swing into the center.

Eileen Gray was fascinated by airplanes and flew her own single-engine plane across the English Channel in 1909. Critics have commented on her interest in aviation, as her designs reflect so clearly the streamlined design of planes. Her use of highly technical materials for her furniture (such as celluloidal metal) and her inventive space-saving tables and clothes closets all point to the considerations we value so highly—minimal upkeep and intelligent use of space.

Eileen Gray: Designer was organized by the Museum of Modern Art and was first seen at the Victoria and Albert Museum in London last February before coming here. It is currently funded by a grant from the Helena Rubinstein Foundation. The show runs through April 1.

BY PAULA RICE JACKSON

EVENTS What's showing and where

The St. Louis Art Museum: "Monet Triptych," March 20-Sept. 14. Three panels of water lilies. St. Louis, Mo.

The Toledo Museum of Art: "Dutch Silver: 1580-1825," March 23-April 20. Over 200 objects, late Renaissance to 19th century. Toledo, Ohio.

University of Houston at Clear Lake City: "The Dinner Party," March 9-June 1. Houston, Tex.

Los Angeles County Museum of Art: "The Romantics to Rodin: French 19th-Century Sculpture from North American Collections," March 4-May 25. Over 200 works by 59 artists. Los Angeles, Calif.

The Solomon R. Guggenheim Museum: "New Images from Spain," March 21-May 11. Works by nine artists, most never before shown outside Spain. New York, N.Y.

Philadelphia Museum of Art: "August Sander Photographs (1904-1959): A Retrospective," March 1-April 27. Vintage 20th-century photographs. "The Eighties," March 8-July 6. Costumes and textiles from past centuries, with a look at the 1980s. Philadelphia, Pa.

Denver Art Museum: "A Century of French Masters: Corot to Braque, French paintings from the Museum of Fine Arts, Boston," Feb. 13-April 20. 69 paintings from the period 1831-1920. Denver, Colo.

Natural Surroundings

What do you put flowers in? Water. Yes, of course, but then what? Vases? Bowls? It's a common question. New York City's Upper West Side boasts the answer, a small jewel of a store that's actually a two-in-one: It's a full-service florist combined with an exhibition gallery for artists who work in ceramics, blown glass, and weavings. Every piece is specifically chosen to work with cut flowers, plants, trees, and arrangements. The store is called Surroundings, and it's run by three enthusiastic and talented plant experts—Franci Reiss and Stephen and Gary Buckwald. They work as flower designers, plantscape consultants, space planners, and gallery owners. Exhibits change every three weeks or so and represent the work of well-known craftsmen from all over the world. Mail orders are accepted by Surroundings. The three also designed their own store and are working as interior design consultants, especially in projects where lighting and caring for flowers is important to owners. Surroundings, 2295 Broadway at 83rd Street, New York, N.Y. 10024.

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Polly want a croissant?

"Never say 'Polly want a cracker?' to a parrot," says writer and parrot fancier John Phillips—this banal cliché insults the bird's intelligence. And, according to Phillips, these brainy creatures make interesting pets if treated gently and with respect. The African Gray is the expert at picking up and imitating human sounds and phrases ("The Gray is at ease in all earthly and celestial tongues," says Phillips). But any parrot's own language repertory is elaborate, and the wise owner will learn to communicate with the pet in *its* own tongue.

The parrot's basic food is seeds, especially sunflower, but it also likes peanuts, apples, celery, carrots, and sometimes greens (no meat). It prefers a perch to a cage, and should be kept out of cold drafts.

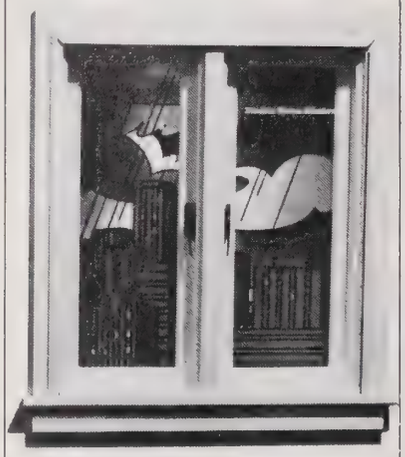
Just published is Phillips's lyrical and droll book entitled *Dear Parrot* (Clarkson N. Potter; $4.95). This charmingly illustrated, sophisticated, loving, and witty treatise will surely take its place among the very best literary works that pay honor to the animals we keep as pets.

PATRICIA CURTIS

New exhibits to promote energy awareness and conservation

In the 1980s we'll need to be more aware than ever of using energy efficiently. In New York, two new energy education centers have opened: The Con Edison Conservation Center, and the Con Edison Energy Museum.

The Conservation Center is a one-stop central source with a variety of clever displays

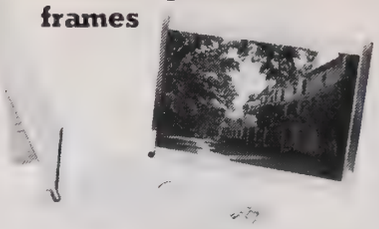


designed to show people how to save on heat and electricity. Con Edison representatives are on hand to answer questions, but on a self-guided tour you can participate in demonstrations of energy conservation through proper insulation, weather stripping, and using the right appliances. The Center also examines possible ways to save through research on fuel cells, oil from coal, and solar power. (405 Lexington Ave., New York, N.Y. 10017.)

Awareness of energy past, present, and future, with an emphasis on "The Electric Experience," is the focus of a permanent exhibition at the Energy Museum. Thomas Edison's innovative electric technology is depicted in scale models, photographs and artifacts, as is the impact of electricity on daily living over the past century. By tracing the development of electrical energy, the exhibit shows where we've been and where we're going with energy sources. (145 E. 14th St., New York, N.Y. 10003.)

Con Edison, 4 Irving Pl., New York, N.Y. 10003.

Picture-perfect frames



When a postcard is "as pretty as a picture," it's probably worth framing. To do so, here are "Postcard Frames." They're standard size—6 by 4¼ inches—made of plexiglass with aluminum or chrome framing on two sides. They'll hang on the wall or stand on a desk, vertically or horizontally. $3; write Postcard Frames, 51 Seventh Ave. South, New York, N.Y. 10014.

Something new under the sun

There's always music when the sun shines—if you have a solar-powered music box. It runs on direct sunlight or when held 6-10 inches from a 100-150-watt incandescent bulb. The music speeds up or slows down depending on the intensity of direct sunlight. By Aldermaston Inc., approx. $30. Available through Energy Alternatives Unlimited, Box 537, Amagansett, N.Y. 11930.

Champions on tour

For those who couldn't make it to the Winter Olympics in Lake Placid, N.Y., this year, there's still a chance to see champion figure skaters in action. The 1980 Olympic Figure Skating Tour will present champions from all over the world for one performance in each of 12 cities. Some of the expected participants include Linda Fratianne, Charles Tickner, Tai Babilonia, and Randy Gardner from the U.S.; Susan Driano from Italy; Robin Cousins from Great Britain, and many more. The tour will begin in Hartford, Conn., on Friday, April 18 and conclude in Oakland, Calif., on Sunday, May 4. Other stops on the tour are Washington, D.C.; Philadelphia, Pa.; Fort Wayne, Ind.; Detroit, Mich.; Cleveland, Ohio; Cincinnati, Ohio; Minneapolis, Minn.; Colorado Springs, Colo.;

San Diego, Calif.; and Los Angeles, Calif. Check with sports arenas in these cities for schedules.

To the rescue!

How many times have you found out about an organization, only to think, "If only I'd known about them when I needed them!" Now, to arm yourself against this, comes The Help Book, by J. L. Barkas. It's a directory of over 5,000 programs, agencies, and organizations, both public and private, that can offer help in a number of different ways. There are 52 separate chapters, arranged alphabetically, with everything from adoption to volunteerism. $19.95, $9.95 paperback, published by Charles Scribner's Sons.

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Stanley Furniture

Manufacturer's suggested retail price for the table is about $840. For a brochure, send a dollar to Stanley Furniture, Dept. BCO, Stanleytown, Va. 24168.

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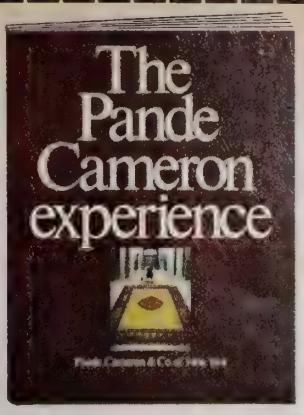

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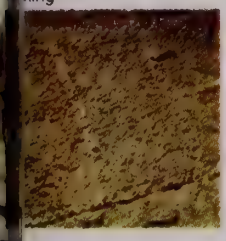

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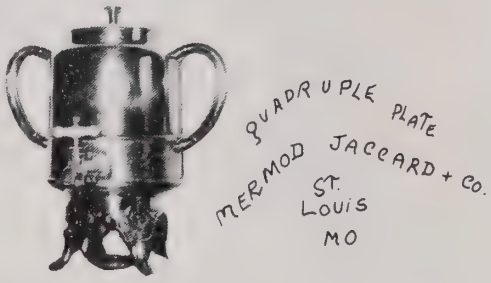
ANTIQUES
QUESTIONS & ANSWERS

BY LOUISE ADE BOGER

Missouri urn



Q. What can you tell me about the firm which made my urn? I am enclosing a picture of the urn and drawing of the mark. P.R.H.—Crystal River, Fla.

A. Mermod, Jaccard & Company was active at St. Louis, Mo., from 1873 to 1883. It succeeded D. C. Jaccard & Company and was succeeded by Mermod & Jaccard Jewelry Company, which in 1905 was succeeded by the present Mermod, Jaccard & King Jewelry Company. The beginnings of this firm date from about 1829, when Louis Jaccard, a French-Swiss immigrant and the earliest Jaccard to arrive in the United States, founded L. Jaccard watchmaking in St. Louis.

American bird sculpture

Q. My ceramic bird sculpture has the description Stangl and 3581/J.V. on it. From these clues, what can you tell me about it? L.W.R.—Old Bridge, N.J.

A. The Stangl Pottery has been active at Trenton, N.J., since 1929. It traces its beginnings to the Fulper Pottery, whose production program by about 1920 was being headed by J. Martin Stangl, a creative and skilled ceramist. The mold number, 3581, on your sculpture indicates that it was to be called Group of Chickadees and would measure about 6 by 8 inches. It was cast in several pieces and a process called "stick up" was used to assemble the finished work prior to the initial bisque firing. The initials J.V. of your mark are those of the decorator Jennie Vidbel, who decorated your birds between 1941-1945.

Chippendale-style chair

Q. Can you tell me anything about the origin and style of my old chair? L.J.G.—Lafayette, La.

A. Your Chippendale-style chair was made in Philadelphia about 1760. Originally it was one of a set of six or more chairs. The top rail of your chair, known as "Cupid's bow," is especially associated with the name of Chippendale, who perfected the much-admired design.

Massachusetts lamp

Q. My old lamp has the words "F Rae" on it. I would like to know when and where it was made. N.L.H. —Lodi, Calif.

A. The Pairpoint Manufacturing Co. of New Bedford, Mass., which in 1894 became the successor of the Mount Washington Glass Co., also of Bedford, made your glass table lamp, probably around 1920. The delicate reverse painting of sea gulls, waves, and clouds in soft shades of blue and creamy white was the work of F. Rae, whose signature occurs on the shade.

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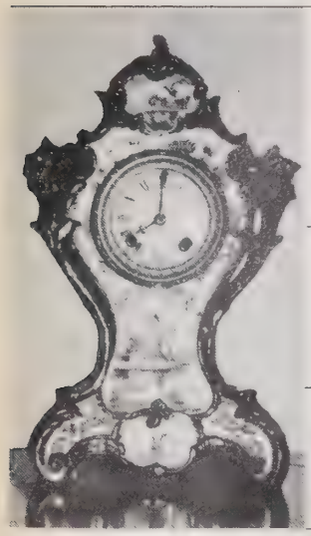
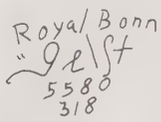
German shelf clock





Q. I have sketched the marks that are on my old clock. Please tell me where it was made and how old it is.
A.W.H.—Altamonte Springs, Fla.

A. Your clock is in the Revived Baroque style, suggesting a date of manufacture about the 1880s. Its porcelain case was made at a German factory started by F.A. Mehlem in 1836 at Poppelsdorf, near Bonn, in the Rhineland, where porcelain was first made in 1755. The scenes, replete with windmills, are painted in enamel colors in the Delft manner. The A trademark belongs to the Ansonia Clock Co., which made the works for your clock at its Brooklyn, N.Y., factory after 1878.

Plated silver bowl

Q. I've made a rough sketch of my bowl's mark. Can you identify its maker and tell me whether or not it's sterling silver? J.R.—Las Vegas, N.Mex.

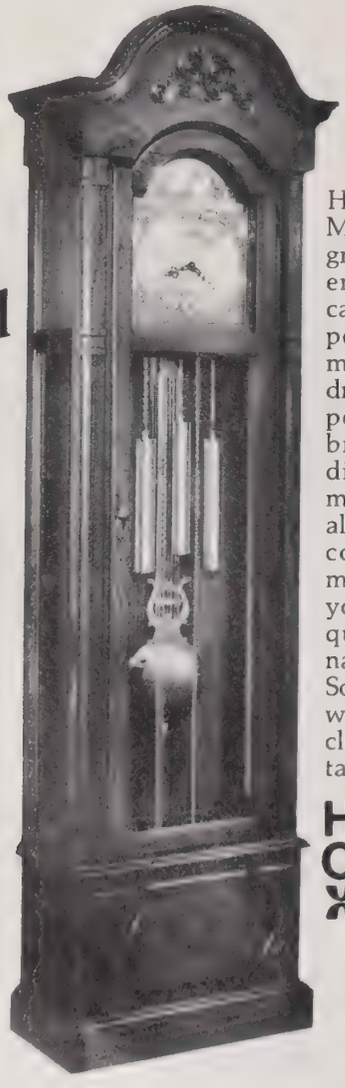
A. Your bowl is plated silver—the term quadruple tells you so. The Forbes Silver Co. of Meriden, Conn., was organized in 1894, and it was one of the original companies to form the International Silver Co. in 1898. The Forbes trademark was used until about 1938.

Victorian wax flowers

Q. Can you tell me something about the background of these wax flowers, which I understand are quite old?
G.M.N.
—Pontiac, Mich.

A. The art of copying flowers in wax was a fashionable Victorian accomplishment. The most elaborate arrangements in vases were set under a domed glass covering. Pattern books and molds were available and the materials were occasionally offered for sale with them. Only those flowers were considered successful which imitated nature so closely as to deceive the eye into thinking they were real. Included among the Victorians' favorite flowers was the Passion Flower, so named from its supposed resemblance in its botanical parts to certain symbols of the Crucifixion; the fuchsia, popularly called eardrop for the blossom swung from its sprays in the same manner as the long earrings then worn by women; the moss rose; and the camellia.

Buy this clock and the whole neighborhood will talk about your grandfather.



Here's a classic Howard Miller design. A 77½" tall grandfather with a deeply embossed carved oak case. Inside dwells a superbly accurate Westminster chime movement, driven by an elegant lyre pendulum of polished brass. A Tempus Fugit dial with individually mounted Arabic numerals and corner ornaments completes a most dramatic picture. And since your clock is of heirloom quality, it bears your name engraved in brass. So, start a family tradition with a Howard Miller clock—and the neighbors talking.

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"Early English" sideboard

Q. I would appreciate anything you can tell me about the style of my old sideboard. W.H.C.—San Antonio, Tex.

A. The rectangular form of the structure of your sideboard, its turned spindles and balusters are features of a style known as "Early English" or "Modern English Gothic" that started to gain popularity with English Victorian furniture makers in the mid-1860s. It was described as "the most sincere and simple" of all styles. Interest in the Early English style was roused by the publication in 1868 of a book which had wide circulation both in England and the U.S., entitled *Hints on Household Taste* by Sir Charles Locke Eastlake.

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Winston Lights didn't compromise on great taste to get low tar. Why should I?
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BY SUZANNE MURPHY

Walk your way to physical fitness

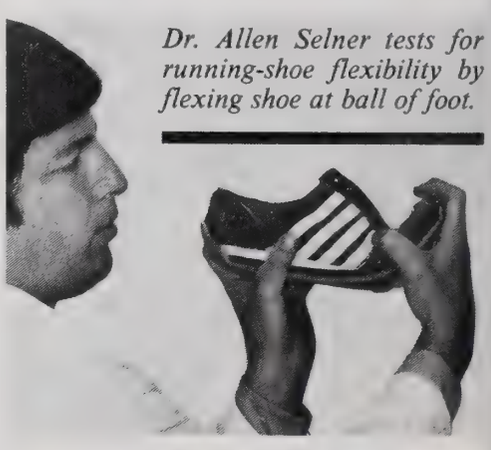
Walking—the new sports rage—what it can do for you and how to work up the program that suits you best

Habits to build—gait, posture, and stride.

Are you a participant in that great all-American pastime known as physical *in*activity? If so, you're part of a group that comprises more than 45 percent of this country's population, according to government estimates. As such, you run a higher risk of heart ailments, circulatory problems, and other degenerative diseases. But the federal government would like to remedy that. Forget about jogging—it wants you to *walk* your way to physical fitness. "Three miles of brisk walking will accomplish the same thing as 3 miles of jogging," says C. Carson Conrad, executive director of the President's Council on Physical Fitness and Health. "Our goal is to give more status to walking. Jogging has it, but we have to bring walking into its rightful place." Jogging may boast its Jim Fixxes and Dr. Sheehans, but walking has a mystique all its own. For many of history's greatest scholars, statesmen, poets, and intellectuals, walking was a favorite activity. Aristotle conducted his teachings afoot, under the premise that sustained physical activity enhances creative thinking. Da Vinci, Dickens, Jane Austen, Kant, Nietzsche, Carlyle, Rousseau, Wordsworth, Coleridge, Freud, Einstein, Jefferson, Lincoln, Truman—all were avid walkers. There's nothing pedestrian about being a pedestrian.

And now there's evidence that walking is gaining a foothold in the fitness game. This year, *Publishers Weekly* noted the release of no fewer than 14 books on the subject, and a recently released report on fitness in America showed walking to be the country's most popular form of exercise. Even cane manufacturers report sales are on the upswing. Capitalizing on this growing popularity, the federal government is launching a national campaign to promote walking as a safe, painless way to fitness. So if you're not out to reach nirvana or the world's lowest pulse rate, if you've had a long history of inactivity, problems with obesity, or an aversion to strenuous physical activity in general, walking may be the exercise for you.

We're all pros, more or less, when it comes to walking—its our oldest and most natural form of locomotion. Our bodies were built for it and during our lifetimes, we will cover more than 70,000 miles on foot—the equivalent of three round-the-world trips—without giving it much thought. But more than that, walking is an accessible, inexpensive, sociable, and safe way to keep fit. According to Charles T. Kuntzleman, senior consultant on physical fitness to the executive board of the Y.M.C.A., walking can be every bit as much an aerobic exercise as a more strenuous sport. If done at a brisk rate, it produces what is known as the "training effect," a strengthening of the body's heart-lung system. In fact, a sustained program of vigorous walking can result in a better functioning of the entire system by strengthening muscles, building tone and endurance, controlling weight, aiding digestion and elimination, relieving tension—in short, doing all the things that more demanding forms of exercise accomplish. That's what a study by Dr. Michael Pollack of Wake Forest University in North Carolina revealed in 1971. Dr. Pollack tested the effects of walking on body composition and cardiovascular function, two key determinants of physical fitness. Sixteen sedentary men aged 40 to 57 followed a 20-week walking program. Each man walked for approximately 40 minutes four times a week, gradually increasing from 2.5 miles per session in 35.8 minutes to 3.2 miles in 41 minutes.



Dr. Allen Selner tests for running-shoe flexibility by flexing shoe at ball of foot.

By the end of the testing, each of the subjects' resting heart rates had dropped by several points and all 16 had lost from 2 to 3 pounds, all of it fat. Amazingly enough, their fitness gains equaled those of a 30-minute, 3-day-a-week jogging program.

How to plan your walking program

In planning your own walking program, you might want to consider the basic requirements of a walk-to-fitness plan as set forth by the American College of Sports Medicine. It recommends from 3 to 5 days per week of brisk walking, 15 to 60 minutes in duration, depending on the intensity of pace.

Here are a few other tips: If you have a history of health problems, are over 35, or have long been inactive, consult your doctor about a walking program. Otherwise, begin slowly and increase your time allotment only when you are comfortable with your present rate. Use your pulse rate as a guide to your progress. First, determine your target pulse rate—your optimum level for aerobic exercise. To do this, subtract your age from 220 and take ¾ of that number.

Continued on page 30

Warming-up exercises: l., calf muscle stretch; m., quadricep (thigh) stretch; r., hamstring stretch. Move slowly, smoothly, assuredly.

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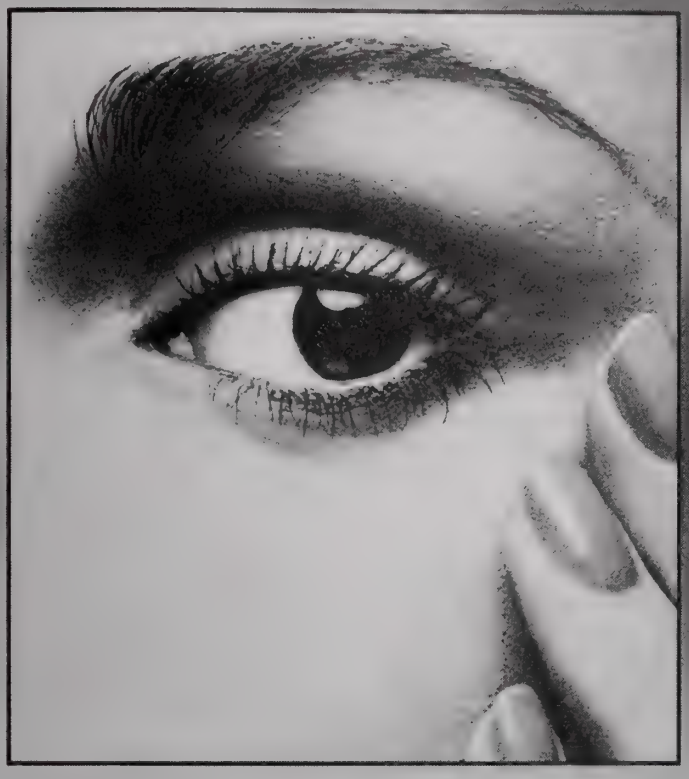

The tissue around your eyes
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It's here that tiny dry lines can first appear.
New *VISIBLE DIFFERENCE* EyeCare Concentrate
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EyeCare Concentrate is a lightweight, fragrance-free, creamy lotion
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Try it. Only Elizabeth Arden can call an eye treatment
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Elizabeth Arden

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continued from page 28

Stay within that range when walking. As you increase in fitness, your pulse rate will decrease, signaling greater body efficiency. Remember, regularity is the key to any exercise program; fitness cannot be stored. Set realistic goals which will help you stick to it. When walking, stay relaxed, breathe deeply, and take comfortable strides. Keep your spine straight, your head high; let your arms swing loosely at your sides. Walk heel to toe and let each leg move along parallel lines, one line for each foot. Devote a few minutes to warm-ups and warm-downs. Light stretching exercises serve an important function, warming up the muscles and preparing them for exercise. The important areas to stretch for walking are the back of the legs and thighs. In warming down, decrease your pace as you finish your session and do some light stretching. Stopping cold after exercise allows the blood to pool in the extremities and this puts greater strain on the heart.

The proper clothing

Any type of loose, comfortable apparel will do for walks. For cool weather, wear layered clothing for maximum insulation. Stick to natural fibers which will allow the skin to breathe; synthetics too often keep the body damp, and wet skin acts like a wick, draining heat from the body at a rate of 200 times that of normal air circulation. For warm-weather walking, protect your head and face with a visored cap and don't allow yourself to become dehydrated. Take your fluids before exercising, or carry some with you in a Kamelbelt, an around-the-waist, no-slosh reservoir with a flexible drinking tube. Avoid sugary drinks which don't quench thirst. A better idea

It's called a "Kamelbelt" because you can't go without drinking. Made of terry-velour, it holds a liter-and-a-half of liquid.

is water-diluted orange juice with a pinch of salt. This mixture is pH and isotonic, which means it approximates your own blood's composition and is more easily assimilated into the system.

Foot notes

While walking is the best all-around conditioner for your feet, they will be hitting the ground more than 400 times per mile, so they must be supported and protected by comfortable, cushioned footwear. We asked Dr. Allen Selner, a podiatrist and authority on sports medicine, for some tips on walking shoes for regular terrain. "Your best bet is a good jogging shoe," advises Dr. Selner, "because walking and jogging are both forward-motion sports. You move from heel to toe and in one direction, so the shoe is built for stability. Tennis shoes are completely different; they are meant for side-to-side movement and built for flexibility. Don't confuse the two."

Here are some important things to look for when selecting a good walking/jogging shoe, according to Dr. Selner:

1. Select a shoe with a slightly elevated heel. Since most men and women wear shoes with 1-inch or higher heels, a switch to flat shoes will stretch calf muscles and can cause considerable pain.
2. Check the counter or back part of the shoe for stiffness. A stiff counter will prevent your heal bone from sliding from side to side, lessening the chances of heel pains and blister formation.
3. Test for shoe flexibility. Place two fingers on the toe box (the front part of the shoe), and gently push upward. The shoe should bend one-third of the way from this point, because this is where your foot bends when walking.
4. Make sure your shoe has resilient cushions which will absorb the shock of impact with the ground. "Remember," cautions Dr. Selner, "the ultimate function of a shoe is to protect and cushion your foot. A good shoe won't get rid of your foot problems, but it shouldn't aggravate them either."

To assure a good fit, Dr. Selner makes these recommendations: Make sure there is a finger's breadth between your longest toe and the end of the shoe. "Most problems come from too tight a fit," he says. "This can cause sore toenails and callus formation. Check that the toe box is squared off, not sloping. This permits your toes the sufficient room to sit comfortably, especially important if you have hammer toes or corns and calluses. If you have special foot problems, consult an orthopedist or podiatrist regarding prescription footwear. Lastly, break in your walking shoes around the house for a few days before taking them on a long walk.

What to do for minor foot problems

A slow, realistic start on your walking program should assure you minimal aches and pains, but here is more advice from Dr. Selner should you develop minor foot problems.

Blisters: skin burns produced by friction. If the blister is small, leave it alone and keep it clean. If it's big, drain with a sterilized needle and treat with antibiotic ointment; never remove the skin.

Athlete's foot: a fungus which grows in dark, damp environments. A good over-

Continued on page 32

The most effective moisturizer in the world.

Water.

If you know how to use it.

Your dry skin is thirsty. Literally. Thirsty for water. So all you need to do is soak in a tub for an hour, right? Wrong. Because although your skin soaks up needed moisture in the tub or shower, it's lost too easily from evaporation once you get out.

But we can make water work for you. Neutrogena® Body Oil was specifically formulated to maximize the moisturizing effects of your bath or shower. It's a pure, light sesame-oil-formula which is applied *after* you bathe, while your skin is still wet, to hold in the moisture.

Does it feel greasy? No, because sesame oil is so light that it seems to disappear on your skin, although it really forms an invisible moisture-holding film. But it won't stain your clothes, either.

Put the world's most effective moisturizer to work for your dry skin. Keep it there with our help.

Neutrogena® Body Oil

Use it every day.

©Neutrogena Corp., 1978.

continued from page 30

the-counter medication is Tinactin. To discourage fungus growth, wears socks or peds of pure cotton, which will allow perspiration to evaporate. Powder your feet or soak them regularly in a mild solution of warm tea; the tannic acid tends to dry out sweat glands.

Corns and calluses: hardened skin caused by friction between bones of the foot and shoe surfaces. These are problems that won't go away by themselves and should be treated by a podiatrist. If your calluses are on the bottom of your feet, however, try lining the bottom of your shoes with Spenco. This highly rubberized material, available at most jogging shops, will cut down on friction by giving you 20 to 30 percent additional cushioning.

To learn more about walking

If you want to learn more about walking, the following books provide in-depth information on everything walking-related from accessories to vacations:

The Complete Book of Walking by Charles T. Kuntzleman (Simon & Schuster)

Walk! It Could Change Your Life by John Man (Paddington Press)

The Walking Book by Gerald Donaldson (Holt, Rinehart & Winston)

The Complete Book of Walking by Raymond Dreyfack (Farnsworth)

Your new exercise program may inspire you to try further walking adventures. Here are some other avenues to explore. *Race walking*: As its name implies, this high-technique sport can be extremely demanding physically. It combines smooth, upper-body movement with exaggerated arm pumping, hip rolling, and locked knees, all the time maintaining unbroken contact with the ground. Seasoned race walkers can reach speeds of 9 miles per hour or more. Contact your local AAU chapter for information, or write Ohio Race Walker, 3184 Summit St., Columbus, Ohio 43202. *Orienteering*: This international sport began in Sweden and is gaining popularity in the U.S. Participants choose their own route between markers and navigate a course with the aid of a map and compass. The emphasis is on problem-solving, not athletic ability. Write United States Orienteering Federation, P.O. Box 1039, Baldwin, Mo. 63011. *The Walking Association*: This nonprofit organization concerns itself with all walking-related matters includ-

Continued on page 34

Get fiber into more foods your family will like.
Like Chocolate Chip Cookies.

Chocolate Chip Cookies

2¼ cups all-purpose flour
1 teaspoon baking soda
½ teaspoon salt
½ cup margarine or butter, softened
½ cup shortening
¾ cup granulated sugar
¾ cup firmly packed brown sugar
2 eggs
1 teaspoon vanilla flavoring
1 cup KELLOGG'S® ALL-BRAN® cereal or KELLOGG'S® BRAN BUDS® cereal
1 pkg. (6 oz., 1 cup) semi-sweet chocolate morsels

Stir together flour, soda and salt. Beat margarine, shortening, granulated sugar and brown sugar until well blended. Beat in eggs and vanilla. Mix in dry ingredients. Stir in cereal and chocolate morsels. Drop by level measuring-tablespoon onto greased baking sheets. Bake at 350° F. about 12 minutes or until lightly browned. Remove from baking sheets. YIELD: 5 dozen.

Variations: In place of the All-Bran cereal, use 2 cups KELLOGG'S® 40% BRAN FLAKES cereal. Or crush 1 cup KELLOGG'S® CRACKLIN' BRAN® cereal to coarse crumbs.

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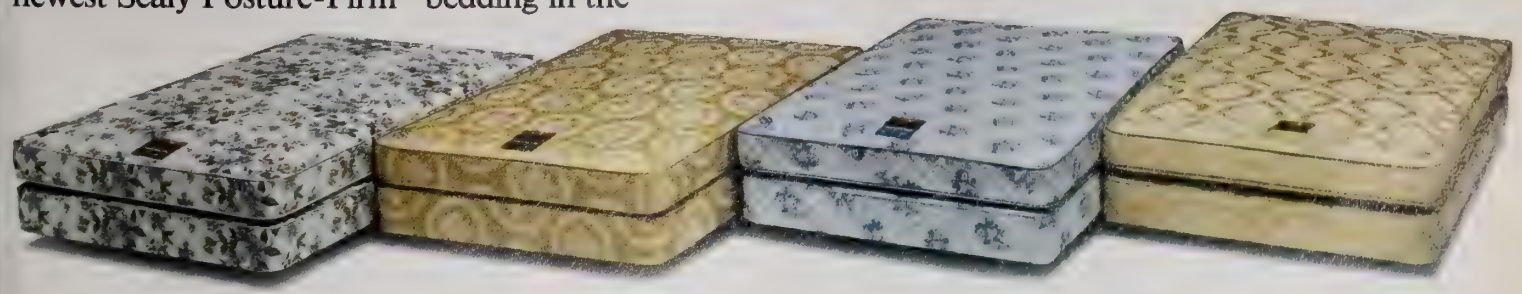

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$129.95 Full Size, ea. pc.	$159.95 Full Size, ea. pc.	$189.95 Full Size, ea. pc.	$219.95 Full Size, ea. pc.
$329.95 Queen Size, 2 pc. set	$399.95 Queen Size, 2 pc. set	$489.95 Queen Size, 2 pc. set	$519.95 Queen Size, 2 pc. set
$429.95 King Size, 3 pc. set	$529.95 King Size, 3 pc. set	$629.95 King Size, 3 pc. set	$729.95 King Size, 3 pc. set

Extra long, each piece $10 more. Prices above are manufacturer's suggested retail prices.

*Available at participating dealers.

continued from page 32

ing pedestrian safety and help in formation of local chapters. Its address is The Walking Association, 4113 Lee Highway, Arlington, Va. 22207. ■

Beauty and health products new this month at the stores

For 25 years *Neutrogena* has made soaps that specifically combat the problems of sensitive, dry skin. They are fragrance-free and loaded with humectants that help balance the moisture level of skin with the air that surrounds it. Now there's **Neutrogena Shampoo,** and although it isn't designed for sensitive scalps, it's designed for people who shampoo every day, so the formula is gentle and mild. There is no added conditioner in it, which means nothing remains to collect environmental dirt from pollution in the air. The shampoo simply removes oil and dirt without stripping the oils your scalp needs to stay healthy. It comes in three sizes, 3 ounces, 5½ ounces, and a nifty little 1-ounce you can try for starters or tuck away in a small travel kit. The introductory size is free; ly. You'll find the new Neutrogena Shampoo at drugstores and family-health supply shelves at supermarkets across the country in mid-March.

Exercise is one of the greatest means for throwing off stress. At the same time, of course, it tones your muscles, which helps you stay limber and supple. But almost everyone hates to exercise alone and very few people have the time to take regularly scheduled classes. So the *Nickolaus* experts have solved the problem by putting together a three-part cassette program called **The Exercise Club**, which you can order by mail. Here's how it works: You have one 15-minute tape to introduce you to The Nickolaus Technique, which you work with for 2 months. Then there's a 20-minute tape to carry you through 2 more months after your body has had some time to adjust to new changes. This tape concentrates on developing awareness of your breathing, and it helps you increase your stamina through more effort and control. The third is a 35-minute tape that outlines a lifelong fitness program, explains the underlying principles of the movements, and encourages you to continue an active fitness schedule. There's a book too, *The Nickolaus Technique*, published a couple of years ago, and it's filled with photographs to illustrate the correct stances and positions. The set cise, Dept. HG, 509 Fifth Ave., New York, N.Y. 10017.

We almost all need help for our nails every now and then. This spring *Charles of the Ritz* introduces a nail-care system called **Prescribed Nailcare**, a collection of nine helpers to groom and condition nails. The Priming Basecoats, of which there are three, are interesting. One is specifically made for soft or weak nails; another for hard and brittle nails; and a third is a moisture-balancing basecoat, for nails that are just fine. Performing Nail and Cuticle Treatment is a cream that softens and prepares your cuticles for your weekly orange-stick routine. A hand cream, Moisture-Balancing Hand-Care, is fragrance-free, super-emollient, and helps soothe minor burns, windburn, scrapes, and minor abrasions. Check out the collection to see which products will help you have attractive hands. Priming Basecoats, ½ ounce each, $4; Cuticle Treatment, ½ ounce, $7.50; Moisture-Balancing HandCare, 4 ounces, $7. You'll find them at fine department stores and better drug counters everywhere.

There are 15 new shades of lipstick from *Maybelline* this March and the news is in the shape. They're slim, roll-up, roll-down wands of color that go on in 2 seconds with a slanted tip. The new formula also has great staying power—the lipsticks are not *too* creamy. **Ultra-Slim** lipsticks cost $2.25 each.

PAULA RICE JACKSON

Classic line and form. The grace of an empire is mirrored in its beauty. The renaissance qualities of this newest design are dutifully fashioned by uncompromising artisans.

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Your herbal and fragrance almanac
The sign: Pisces
Circa: February 19 – March 20

During the 17th and 18th centuries, porcelain and pottery design reached the summit of refinement. Some of the most beautiful examples of the art were jars and bowls meant to contain potpourri. Marie Antoinette is known to have paid a small fortune for a pair of exquisitely decorated Sèvres potpourri jars set in superb bronze doré bases. Meissen, Delft, Chelsea, Derby, and all the Chinese export factories produced the unusual—sometimes exotic—fragrance holders we see in museums today. **Bioessence** understands about dramatic packaging. Its fragrant potpourris are packed in handsome papier-mâché boxes from India, decorated English tin caddies, Mexican brass-bound glass boxes, and Imari-like jars with interesting shapes—ideal for Pisceans who dream of far-off places. Pisces's emotions are expressed in **Enjoli**, a romantic, ultra-feminine fragrance made by Charles of the Ritz in various incarnations—perfume, 8-hour cologne, and a marvelous cream perfume. The warm-hearted Pisces male should indulge in **Vetiver** by Guerlain.

MARIA REACHI

SLEEPY HOLLOW
COLLECTION

Decorative fabrics and companion wallcoverings adapted from designs representing gracious styles used in eighteenth and early nineteenth century homes of this important historic area of New York's Hudson River Valley. Serpentine Chippendale sofa reproduced by Harden Furniture. All masterfully created in collaboration with the curators of Sleepy Hollow Restorations.
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Announcing . . . The Royal Horticultural Society

International Gallery of Flower Plates

Plate shown smaller than actual 9" diameter size

From twelve of the world's most distinguished floral artists...
a collection of twelve bone china plates, each bearing an original work of art
by a different artist...a work created expressly for this collection.

Limited Signature Edition.
Available by subscription only.
The advance deadline is March 31, 1980.
There is a further limit of one collection per person.

THE ROYAL HORTICULTURAL SOCIETY, the world's oldest and most respected organization devoted to horticulture, has commissioned the creation of a new collection of bone china plates by twelve of the world's most distinguished floral artists.

These singularly gifted artists have created original works of art portraying flowers that are native to their lands. Thus, the twelve works depict some of the most beautiful flowers that bloom throughout the world—and represent a truly magnificent collection of porcelain floral art. Furthermore, every design has been authenticated by experts of the Royal Horticultural Society.

To produce the plates for this important collection, the Society has appointed Franklin Porcelain. Each plate will be meticulously crafted in bone china and the collection of all twelve will be issued in limited edition.

Floral art of exceptional beauty and detail

The designs by these renowned international artists are remarkable for their detail. Every flower, every leaf, every bud, every blossom are shown precisely and accurately. And the colors and shades of the different flowers are true to their natural beauty.

England's famous floral artist Mary

Grierson has designed a charming work depicting a bouquet of English wildflowers. The talented German artist Claus Caspari has portrayed the stately iris in shades of purple and yellow—in incredibly life-like detail. America's leading floral artist Jeanne Holgate has depicted—in tones of lavender, bright orange, pink and yellow—some of the loveliest of our nation's wildflowers. And Anne Marie Trechslin of Switzerland has painted the ravishing camellia in full bloom—in colors of deepest red, pale pink and white.

Each of the twelve works is unique in itself. Yet, together, they form a harmonious collection that may be displayed effectively in any room of the home.

Ornamented with pure 24 karat gold

These original flower plates will be crafted in *fine bone china,* notable for its qualities of whiteness, translucence and strength. And the craftsmen who will translate the art into bone china will preserve every subtle nuance of the artist's work. Each plate will measure 9 inches in diameter and will be decorated with a tastefully designed border of *pure 24 karat gold.* And every feature of every flower will be shown. The exotic blossoms of the orchid. The petals of the camellia. The delicate blooms of the bluebell. The lovely pinks of the Japanese cherry blossom. A wide variety of colors will be used to capture the natural tones of the individual flowers.

Exclusive Signature Edition

The first edition of this collection will be a special limited *Signature Edition.* It will be distinctive because it is the *only* edition that will bear the individual signatures of the artists who created the original designs. The plates in this desirable Signature Edition will be crafted *exclusively* for subscribers. Furthermore, in the tradition of fine porcelain collector's pieces, this edition will be available for a single year only. Thus, it will be offered *only* during 1980 and will never be made available again.

Subscribers will receive their plates at the convenient rate of one every other month. The issue price for each bone china plate is just $55, payable in two monthly installments of $27.50 each. The collection will include twelve wall brackets for display of all the plates.

To acquire the limited Signature Edition, send the application on this page to Franklin Porcelain, Franklin Center, Pennsylvania, by March 31st.

ADVANCE SUBSCRIPTION APPLICATION

Royal Horticultural Society

International Gallery of Flower Plates

Must be postmarked by March 31, 1980.
Limit: One collection per person.

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Please enter my subscription for the Signature Edition of the Royal Horticultural Society's *International Gallery of Flower Plates,* bearing original works of art crafted in fine bone china and ornamented with pure 24kt gold.

I need send no payment now. The twelve plates in the collection are to be sent to me at the rate of one plate every *other* month. I will be billed for each plate in two equal monthly installments of $27.50* each, the first payment due in advance of shipment.

*Plus my state sales tax

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BY RICHARD LANGER

Off with their heads!

By merciless pruning and removal of wilted and damaged leaves, you can give a face-lift to middle-aged plants

There comes a point in most house plants' lives when it really pays to "throw out the baby and keep the bath water." Nycotocereus, or queen-of-the-night cactus, represents just such a case. A 6-foot monster, it has scraggly foliage more than compensated for by its super-fragrant 8-inch-diameter white flowers. Still, of its 6-foot height, only the upper third has leaves. The rest is a collection of stilts.

Till Miller, Princeton's "Plant Lady," prunes ficus.

Rejuvenation in this case calls for drastic steps. A machete swung across the plant 6 to 8 inches from the top of the pot would be about right. Pruning shears would actually do a neater job. But the principle is the same. Decapitation.

Most treelike thick-stemmed plants such as the Nycotocereus, the common avocado tree, dracaena, Angel-wing begonias, and English ivy will respond to such drastic treatment by sending out new shoots on the stem that remains and from below soil level. The top foliage can either be air-layered to produce new plants before it's hacked off or, in many cases, rooted directly to propagate new plants. For instance, by rooting 2- and 3-inch cuttings from that 6-foot Nycotocereus, I could end up with as many as 50 or 60 new plants. So even if the old plant decided to give up the ship, I'd have more than enough. Still, decapitation is a last resort, and an action which many of us are too soft-hearted to take—even if it's for the plant's own good.

There are also several whole plant groups where this simply will not work. Palms, for instance, have only one growing point. Cut that out—and no more palm. So don't try to behead palms in a last-ditch attempt at restoration. The same holds true for bromeliads, ferns, agave, and African violets. African violets, bromeliads, and ferns all grow in a rosette pattern. That is, their leaves develop from a central growing point. Although this is not an actual botanical classification, plants developing in this pattern for the most part can't have their tops completely cut off. They must be resuscitated more gently. So where do you start?

Let's pick an old overgrown but scraggly African violet, since almost everyone has grown one. Or perhaps a once-beautiful wax begonia that has over the years taken on the appearance of Medusa's spare fright wig.

The first thing to do is to remove all wilted or damaged leaves. A damaged leaf, unlike a broken finger, will never heal. Scar tissue may develop, but the leaf will never look fresh and unspoiled again. More importantly, it will never function properly again.

Although the undamaged part of the leaf will continue to photosynthesize, the injured part, besides being visually distracting, will remain nonfunctional for the plant. A healthy new leaf growing in its place will produce a healthier, stronger plant. Tell yourself you're helping the plant, and things will go more easily.

Or, if you get a chance, watch professional growers passing through their greenhouse one day. Even showing you their prized collection, they can't keep from pinching here and snipping there as they go, always puttering and pruning out anything that isn't just right. In fact, if you get into that habit, you'll probably never have another scraggly middle-aged plant to worry about.

Back to the problem plant. You have pinched off all the dead and injured leaves and blossoms. Now it looks scrawnier than ever. Well, I didn't promise you instant beauty. But take heart, better days are ahead. Give the remaining leaves and stems a nice tepid shower. The most important part to wash is the *undersides* of the leaves. This is where most of the pores are, and this is where your plants breathe—or choke on dust.

Next take a fork and gently scratch the soil all around the top of the pot. Dig as deeply as you can to aerate the soil without breaking the roots. Now stir in some time-release fertilizer and water well.

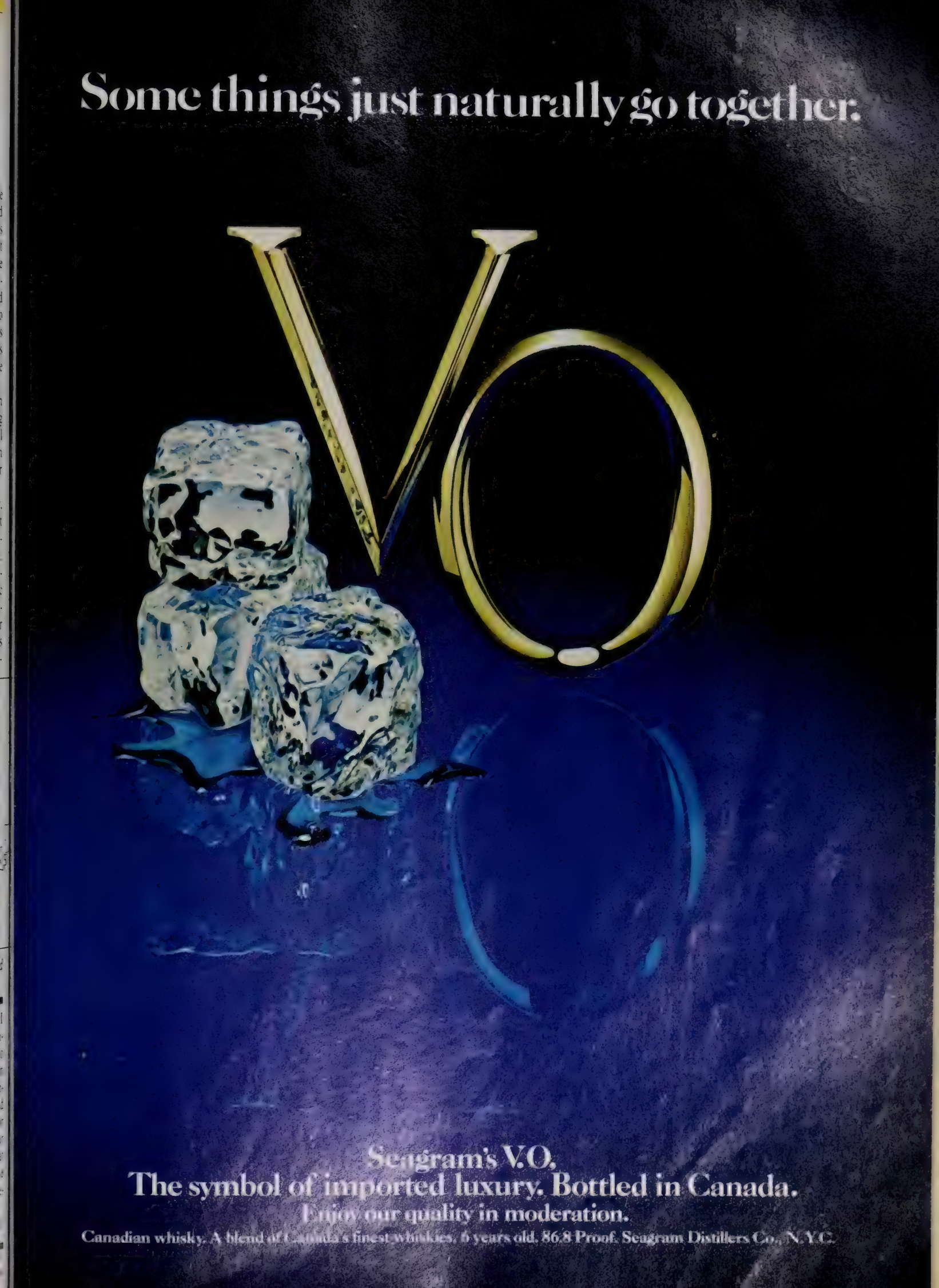
Or, instead of just straight fertilizer, you may want to try a new product called Restore (Ringer Corp., 6860 Flying Cloud Drive, Eden Prairie, Minn. 55343), which I tried and found the results quite good. Plugged as "the organic and microbic plant food and soil rebuilder," this additive is a balanced fertilizer made from grain, bone meal, and citrus fruit. I'm not sure exactly which microbes are supposedly involved, but I can attest to the fact that they *are* involved. The directions specifically say to "always discard unused Restore solution to avoid possible odors." Always experimenting, I let some excess solution stand around for a couple of weeks. The odor wasn't exactly the same as that in our sheep barn—but there was no doubt that microbic action was involved. In the soil, however, there is no odor from Restore, and the plants seem to like it.

Continued on page 41

To rejuvenate plant: Cut top branches as indicated, left, *and loosen soil in pot. Trim roots,* right, *before repotting.*

BEADIE SUSAN MCNEIL

Some things just naturally go together.



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continued from page 38

After the plant has been cleaned up, set it back where it was and give it a few weeks to start new growth. You should see leaf buds developing within 2 or 3 weeks. On stemmy and vining plants such as geraniums, abutilon (flowering maple), myrtle, philodendron, pothos, sweet olive, and the velvet plant, these new leaves will erupt from the leaf scars where dead leaves were removed, as well as from the tips of the growing plants.

If all the growth still seems to come at the end of the plant, leaving the center as bare and scraggly as before, prune back a third of each growing stem. This will force out new lateral growth. Keep pinching back every time three or four new sets of leaves have formed in one place, and within a year you should have a bushy, thick plant even a florist would be proud of.

Solving the problems of large, slow-growing plants

Large slow-growing specimens such as the jade tree, dizygotheca, rubber plants, and schefflera present a special problem in that waiting for them to fill in at the bottom could try the patience of Job. So try a different solution. Even a single leaf from a succulent such as the jade plant will take root readily. We had a somewhat top-heavy specimen whose entire appearance was altered in a year by removing a dozen leaves from the center of the plant, where they weren't missed, and planting these along the edge of the pot. Now there's a small forest of young growth surrounding the mother plant, filling in the bare low spots.

Nonsucculents such as the rubber plants, dizygotheca, schefflera, and dracaena don't take well to this type of cover-up, simply because their leaves will not root readily. In this case, consider companion planting—some cream-colored pothos trained along the base and up the stems of your dracaena, or a deep green philodendron to hide the bare spots on your rubber plant. Mix and match. Nature does, to everyone's advantage.

The rosette group presents a special problem and offers a special solution. Once all the leaves that should be removed have been pinched off, the remaining leaves washed, and the soil aerated and fertilized, new leaves should burst forth from the center. Sometimes they do. In another case the improvement is scant. If that's the case, chances are you have a batch of secret plants in your pot.

Many plants with the rosette-growing habit, such as the African violets and other gesneriads, bromeliads, and many succulents, as well as non-rosette-growing plants such as orchids, begonias, and anthuriums, multiply their numbers by growing plantlets next to the mature plants. In nature this works fine to spread the species around. In your pots, it makes for overcrowding.

Many a seedy-looking, middle-aged plant can be rejuvenated simply by removing young plants hiding beneath its leaves. Look carefully at that stunted African violet. Are there really two or three plants there instead of one as you supposed? If so, divide and conquer your problem. Cut apart the plants with a sharp knife. If you're going to work on more than one specimen, incidentally, it's not being overly conscientious to sterilize the knife by passing it through an open flame the way professional growers do. You'll be leaving an open cut, which is an invitation to disease. In some cases, simply breaking apart the plants works well.

When you do separate plants, try to get a balanced root system with each specimen. Pot the plants separately and keep them in rather subdued light for a week until they've healed and new roots have begun to form.

If wilting becomes apparent the first couple of days, cover the plants with a clear plastic bag supported by a few stakes to keep it draping clear of the plants. The extra moisture of this mini-greenhouse will keep things growing.

Or simply put the pot in a large plastic bag and blow it up like a balloon before binding the end off with a rubber band. The balloon method works very well, and the extra carbon dioxide of your breath may actually work as a growth booster. In any case, I've never found it to hurt.

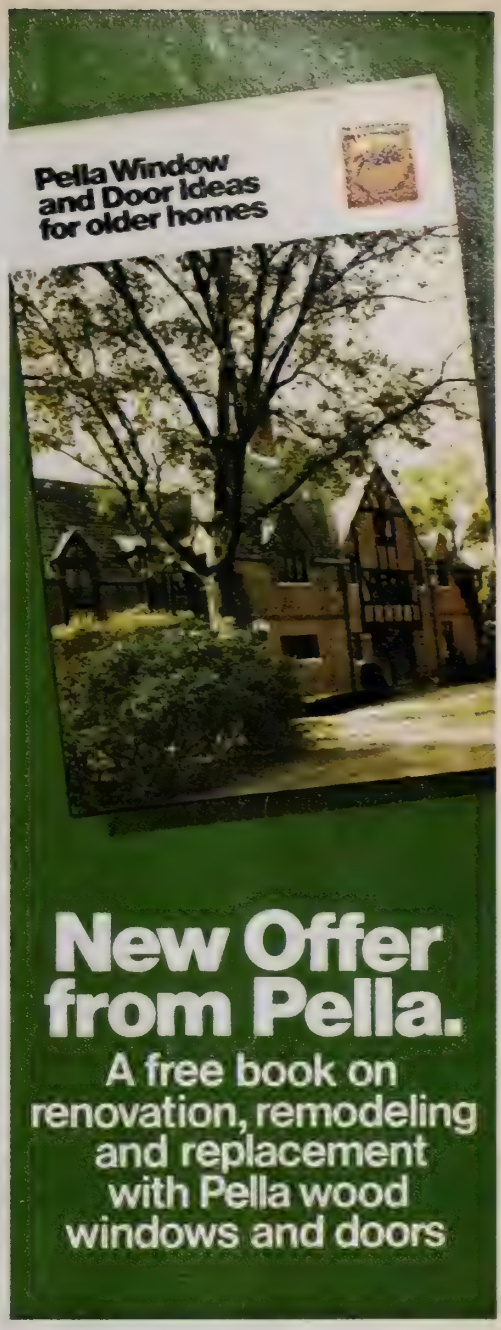
Getting rid of a plant's middle-age bulge

Having worked our way down from the sparse top of our middle-aged plant in need of rejuvenation, we now reach the bulge. Plants hide their middle-aged bulge well. It's buried unseen beneath the soil and easily overlooked—which makes it potentially harmful.

The bulge in the case of a middle-aged plant is a Gordian knot of intertwined roots that, reaching the pot's edge, are deflected and grow back into the root ball, then out the other side, then back in again—and so on until, in some aged specimens, there's little left in the pot but a mass of tangled, packed roots unable to really sustain the plant above.

If one of your plants merely sits there, slipping slowly into the disaster zone rather than putting on a lush display of densely packed greenery, check that the shoe is not pinching. To knock out the plant, put your fingers over the dirt with the plant's stem between your middle and index fingers. Rap the pot sharply

Continued on next page



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HOUSE PLANTS

continued from preceding page

against a hard surface. Turn it upside down and slip the pot off. If it won't come readily, slip a long knife blade between the pot and the soil and cut all the way around as if you were removing a recalcitrant cake from its pan. A serrated bread knife, incidentally, is an excellent garden tool for this purpose. Add one to your tool kit.

Once the root ball has been depotted, set it down on a hard surface such as a cutting board or plank. Now slice away sections of the root ball. Cutting downward, leave the center undisturbed while removing slices of root ball from all sides. When you're done, the top of the root mass should be wider than the bottom, just as before. The difference is that, when you're done, there should be a full inch between the root ball and the sides of the old pot—actually, let's say a pot the same size as the old one. Cut a 1-inch wheel off the bottom of the root ball as well.

It's always a good idea to set your plant in a new pot after root-pruning. Don't discard the old pot, but clean it well. Disinfect it with a solution of ½ cup of liquid Clorox to 1 gallon water. Set aside and use later when you need a new pot.

The 1-inch space between your truncated root ball and the pot should be filled with a potting soil mixture similar to the original one to which the plant was accustomed. Don't forget to put fresh shards at the bottom. Press the soil into place firmly and soak the whole pot to settle the matter.

You're all done—except for perhaps wondering why you should go through all this if the plant is just going to send out lots of new roots to replace the old ones. What was wrong with the original roots?

Well, it's not only the crowding problem you have relieved by root-pruning. You've altered the actual quality of the root structure. The older, mature roots do not have as many fine feeder roots per square inch of surface area as the slim new roots do. And it's these fine, hairlike roots that absorb the nutrients and feed your plant. More hairlike roots mean a healthier plant. As the new roots develop, you'll notice a distinct change in your greenery. It will once again look lush and full. Root-pruning means rejuvenation. ■

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BY DEANNE RAFFEL

Hinges for all around the house, plus an easy method for cleaning your oven hood filter

Q. Would you describe the most common types of household hinges and their uses?

A. Hinge designs differ and their attachments vary, but they all have the same purpose: to secure a door in or over an opening. Some are for use on large, heavy doors, some on relatively large but lightweight doors, and some on small cabinet doors. Some are completely concealed when the door is closed; some are partially hidden. Some hinges are decorative as well as functional, others strictly utilitarian. They are installed in one of three ways: surface-mounted (across the face of the door and frame), mortised (a shallow recess is cut out of the door edge and out of the jamb), or offset (such as attachment to the top of the door and jamb).

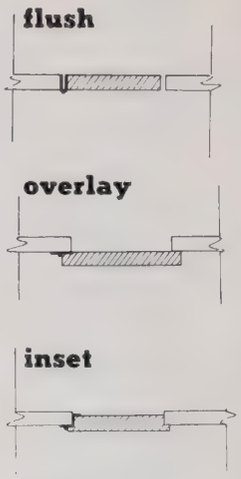
Most are made of steel and then plated. Cabinet hardware is made in a number of different finishes. Common decorative finishes are antique brass, copper, or silver in appearance. White and flat-black coatings are also produced by a few hardware manufacturers.

The most familiar hinge is the *loose-pin butt,* which is used on the greatest number of household doors. It is set into mortises cut into both the door and jamb. To remove the door from the jamb without loosening the screws, lift out the pin.

The *loose-joint hinge* separates when the door is lifted. The pin is headless and situated permanently in the jamb leaf. If you have a door that for some reason requires occasional removal, this is the hinge to use. It, too, requires a mortise cut.

The *piano or continuous hinge* is basically a very long butt hinge with a nonremovable pin. It is easily cut to size with a hacksaw. Piano hinges are used on some chests and cabinets and on table leaves.

Leaves of the *no-mortise hinge* automatically provide the proper gap between the door and frame. The positive pattern of one leaf fits into the negative space of the other to give a thin hinge that does not require a mortise.



Cabinet door installations

The *T-hinge and the strap hinge* are surface mounted. They are used in exterior applications such as on garage, barn, or cellar doors.

The *butterfly hinge* is one of many ornamental types. It is most often used on cabinets and is easily secured to a flush-door surface and the frame with wood screws.

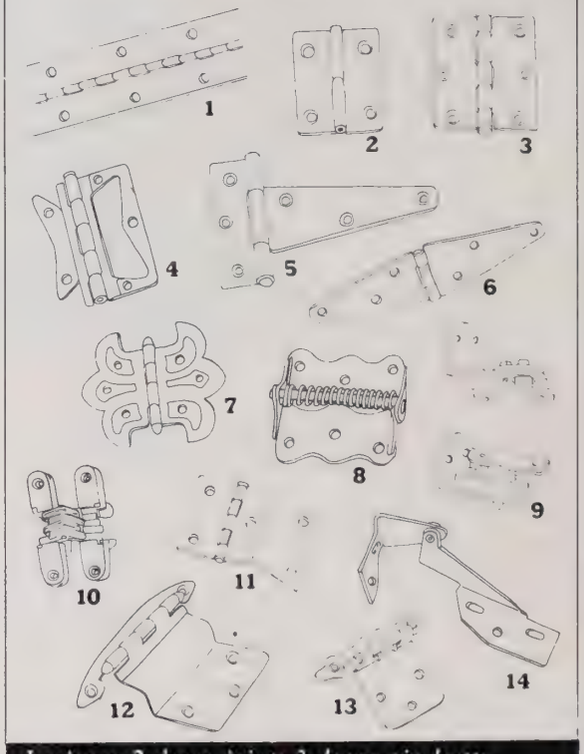
The *spring hinge* is similarly surface mounted. Use it on lightweight wooden or screen doors or gates you need to close automatically.

Café doors that swing in and out require the easily installed *gravity-action hinge.* Its parts are secured to both the bottom and top edges of the door and to the jamb.

The *Soss hinge* is completely hidden when a door is closed; it is set into deep

Continued on page 46

Hinges for your doors and cabinets



1. piano; 2. loose-joint; 3. loose-pin butt; 4. no-mortise; 5. T-hinge; 6. strap; 7. butterfly; 8. spring; 9. gravity-action; 10. Soss; 11. flush-door; 12. ⅜" semiconcealed; 13. semiconcealed; 14. pivot.

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continued from page 44

cuts in the door edge and in the jamb. Although relatively expensive and rather difficult to install, it can give cabinet doors the fineness of well-made furniture.

The type of cabinet door dictates the type of hinge you can use. Doors can be flush (door sits within the frame), overlayed (door covers the frame), or inset (door edges are rabbeted, partially overlaying and partially within the frame).

One leaf of the *flush-door hinge* attaches to the frame, while the other wraps around the edge and backside of the door. *Pivot hinges* are secured to both the top and bottom edges of the door and to the face of the frame, making a concealed hinge on an overlay door. One side of the *semiconcealed hinge* is mounted on the frame, and the other side is attached to the back of an overlay door. The *⅜-inch semiconcealed* hinge is secured to the inset door in a similar manner.

Hinges are often sold attached to cards with directions included; however many are sold without instructions. Cabinet hinges are usually easy to mount and necessary screws are provided. Drill pilot holes—this is especially important when working with hardwoods or composition materials.

To mortise, use a sharp wood chisel to cut out the recess. Be careful not to cut too deeply—a mortise should only be as deep as the thickness of the hinge leaf. If you do overcut, shim out the hinge with a piece of cardboard.

Hinges should open and close smoothly. All need to be aligned carefully. If a hinge squeaks, grease the pin with petroleum jelly or spray with a penetrating lubricant.

Q. Is there an easy method for cleaning the filter of an oven hood exhaust fan?

A. Once the filter is removed, place it in the kitchen sink with its backside facing upward. Run a heavy stream of hot water over the entire surface to remove some of the dust collected on the front side. If your sink has a hand sprayer, use it for this operation.

Place several layers of newspaper on the floor of your bathtub. Stand filter lengthwise on the paper, leaning its top edge against the wall above the tub. (If the wall is not tiled, tape paper on it before filter is positioned.)

Open window and turn on the bathroom exhaust fan if there is one.

Spray both sides of the mesh with a foam-type oven cleaner. Use care not to breathe the fumes or to get any of the cleaner on your skin. Let the cleaner remain on the filter 10-15 minutes. Remove the newspaper and run hot water over the filter to flush away foam.

A second application may be necessary. (The filter is made of aluminum

Continued on page 49

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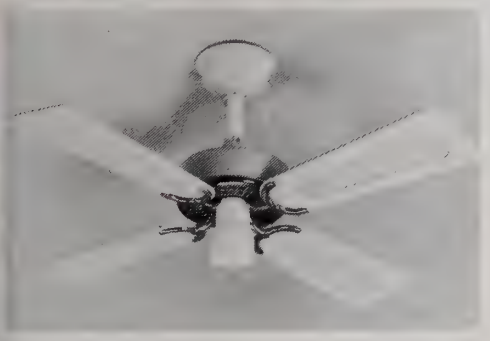
continued from page 46

and will lose its shine after using the foam.) Rinse the tub with hot water and let it run for about 5 minutes to flush the cleaner residue through the drainpipe. Stand the filter upright to air-dry. Replace in the hood.

In warmer weather, this is an outdoor project. Use a garden hose to blast the foam from the filter.

Energy-saving fan

Ceiling fans, back in style and demand, are energy savers. In winter, at slow speed, they circulate heat that rises and stratifies at the ceiling. Pushing warm air down to cooler levels, the fan, using only light-bulb power, lowers thermostat heat demands. In summer, air conditioning is conserved; the fan cools the air, lets the thermostat be set higher. In 36- or 52-inch sizes, the Hunter fan motor has black, white, brown, brass, or chrome finishes; blades are wood, metal, or wood with cane inserts. Adaptair blades, to increase or lower velocity, change wind direction, or to adjust blade angles, are also available. White fan shown, $339; with Adaptair blades, $369. Hunter Div., Robbins & Myers, Inc., 2500 Briscoe Ave., P. O. Box 14775, Memphis, Tenn. 38114.



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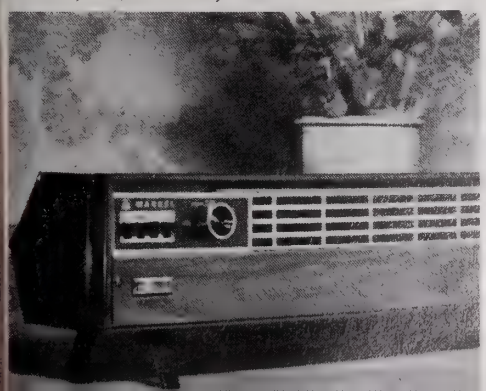

DEAR H&G

BY MARGARET MORSE

Answers to your questions. Here we share some letters from our readers

Snow away

Q. We're thinking of having a new driveway installed with a heating system that would melt snow. Please tell us how such a system can be obtained.

—B.L., Woodbury, N.J.

A. An engineer would have to custom-design a system to suit your site and climate: Check city yellow pages under "Engineers—Air Conditioning, Heating & Ventilating" and also under "Heating Contractors."

According to William P. Chapman, former president of the American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE), with the current energy situation, most homeowners would find such a system extravagant unless there's an elderly or handicapped person in the family, an incline that makes any ice that much more slippery, and a lack of dependable shoveling or plowing. Based on figures from ASHRAE's *Handbook* (chapter 38 of the *Systems* volume, in the reference section of many city libraries), a 12-by-50-foot electrically-cabled driveway can be a 24,000-watt proposition in the Morristown, N.J., area, and as much as a 45,000-watt one in a severe-winter area like Minneapolis.

If you still think such a system may be for you, Mr. Chapman suggests:

—There are two types of heat grids—electrical resistance cables or plastic tubing containing nonfreezing fluid.

—The tubing system generally costs more to install but, in most areas, less to operate. When a house is heated with water or steam, it's usually chosen, as it can be hooked into the house heating system via a heat exchanger.

—Consider having heaters installed only under tire tracks to cut costs.

—Be sure the contractor insulates the bottom and sides of the driveway heating system well and installs an adequate drainage system for it, given the climate, so melted snow runs off the driveway before refreezing.

—Consider a thermostat. You want the driveway just warm enough to melt snow but not so warm it's bone dry.

—Turn the driveway system on a few hours before snow is expected so it can warm up. ■

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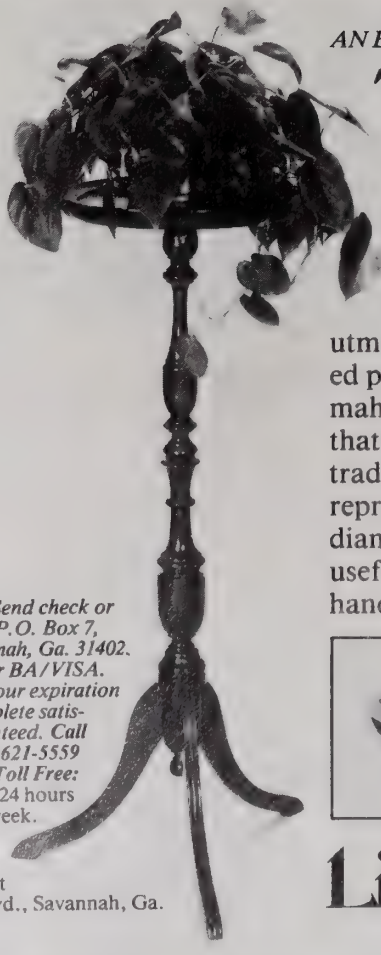

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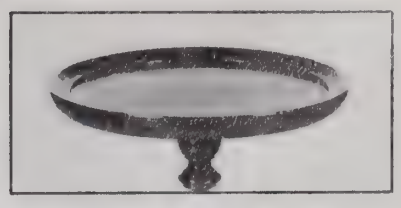

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DRAMBUIE OVER ICE

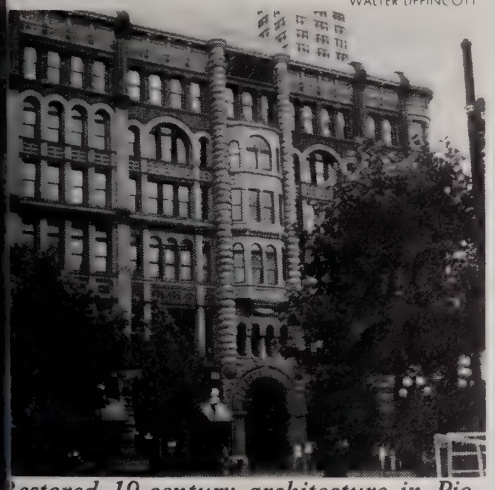
Seattle Opera week, Southern house-touring, museum shows to inspire a trip, and more

Summer music festival in Seattle

BY CAROLINE SEEBOHM

What took us to Seattle was an international cultural event that goes on for two weeks every summer when the Seattle Opera presents two complete performances of Wagner's cycle of four operas, *The Ring of the Nibelung*, one in German and one in English, back to back. Being passionate Wagnerites, my husband and I made the trip from New York, choosing the German *Ring* cycle, since the soprano Ute Vinzing was to sing Brünnhilde, and we were eager to hear her.

WALTER LIPPINCOTT



Restored 19-century architecture in Pioneer Square in Seattle.

We traveled to Seattle by train—energy-saving both literally and spiritually, and arrived ready for the epic masterpiece.

The four operas of the Ring are spread over six days. *Das Rheingold* started at 8 P.M. Sunday, the day we arrived; *Die Walküre* was Monday at 7 P.M.; *Siegfried*, Wednesday at 7 P.M., and *Götterdämmerung*, Friday at 6:30 P.M. As most aficionados know, the operas last a good long time, so dinner afterwards makes it a very late night.

Continued on page 60

Trip tips

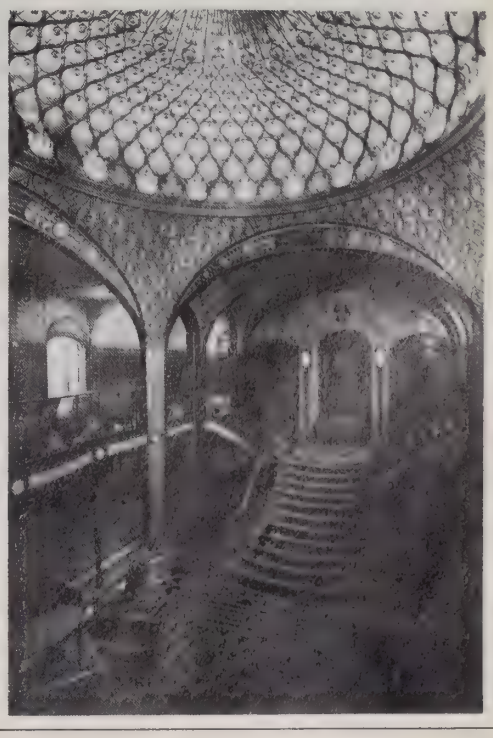
Mini-trips to museums for big-trip inspiration

At the Cooper-Hewitt in New York until April 6: Ocean Liners. The floating skyscrapers-on-their-sides that were at their biggest and most luxurious in the first half of the century. See big models of the Mauritania, the Normandie, the Titanic, huge photographs of interiors, drawings, plans, flags, furniture, everything that went into creating the grand-scale, house-party atmosphere on these ships. For nostalgia brought up-to-date, plan a cruise on the newly redesigned Norway (the old France) when Norwegian Caribbean Lines returns her to cruise service this June. (Angelo Donghia has done all the interior spaces.) **At the National Gallery, Washington**, until June 15: American Light: the Luminist Movement, an extraordinary selection by American painters, 1848-76. Includes Fitz-Hugh Lane, Frederick Edwin Church, others. Early 19th-century Hudson River painters included to trace Luminist beginnings. Winslow Homer, Thomas Eakins represented to illustrate the realism that developed after the Luminist period. So appealing to New England summer people: luminist paintings of well-loved scenery around Newport, Gloucester Harbor, the coast of Mount Desert. For the ultimate scenic postcard and document of the period: curator John Wilmerding's wonderful book-catalogue. **At the Metropolitan Museum, New York,** until September: the Costume Institute's show of Hapsburg finery, where the men's court dress, uniforms, livery—even the harness and tack for the horses—gleam as importantly as Empress Elizabeth's radiant dresses. Mega-treat: this last Hapsburg Empress's jet-beaded mourning black with a black lace-veiled bonnet like a hooded mask. Make you want to go to Vienna?

How to be popular in Japan: Bring presents of U.S. beef. Japan Air Lines makes it easy: Call reservations a day ahead to reserve a $30 specially-prepared package of eight sirloin steaks. Pay at JFK. Another take-along delicacy: just-frozen Alaskan King Crab. A whole one costs $35 and weighs over 5 pounds. Order a day ahead, pay at the airport. Your crab is loaded automatically when the New York-Tokyo flight stops in Anchorage. Information: JAL ticket offices.

This month and next: Three-day cooking courses with Judith Olney at Pinehurst, North Carolina's famous 10,000-acre resort with six extraordinary golf courses, and in recent years, more and more tennis courts. The cooking seminar takes place in the morning, sports in the afternoon. On March 17, 18, 19, Mrs. Olney will prepare rustic dishes from Provence—emphasizing egg, fish, and chicken specialties plus vegetables, dessert. Everyone eats the day's lesson for lunch. On April 28, 29, 30, Judith Olney works through several summer menus and luxuriates in their presentation—one meal inspired by Monet, another by Rousseau, the last day for Matisse. For information: your travel agent or Pinehurst, Box 4000, Pinehurst, N.C. 28347.

Grand staircase, elaborate surface decoration, in salon of S.S. "Paris".



COOPER HEWITT SMITHSONIAN

continued from page 53

Spring fever: the pleasure of seeing other people's beautiful houses all over the South

BY DIANE WELEBIT

House touring is ideal in the South—even more ideal in the spring when, as an added treat to open-year-round house museums, many private houses are open to explore. Below, we've listed publications to send for that help plan a trip before you leave home.

Alabama

Alabama Has It All. Houses and gardens are listed by region, with maps. Around Birmingham (in the mountains): Botanical Gardens, Greek Revival Arlington House. In Montgomery (central Alabama): antebellum houses. In Selma, west of Montgomery: Sturdivant Hall—brick and marble, designed by Robert E. Lee's cousin. Gaineswood House, in nearby Demopolis: mirrored ballrooms, Bellingrath Gardens. Write the Alabama Bureau of Publicity and Information, 532 South Perry St., Montgomery, Ala. 36130. Special tours: the *Eufala Pilgrimage* (Eufala is near the Georgia border), April 10-13. Candlelight and day tours of historic houses, "shape note" concerts, an antiques show. At Fendall Hall: a parlor with stenciled walls, doors, ceiling. Write the Eufala Heritage Association, P.O. Box 486, Eufala, Ala. 36027, or call (205) 687-3793. Mobile, on the coast, has a 37-mile "Azalea Trail," mid-March through April. For the *Azalea Festival Guide*, write the Mobile Chamber of Commerce, Tourist Information, P.O. Box 2187, Mobile, Ala. 36601.

Arkansas

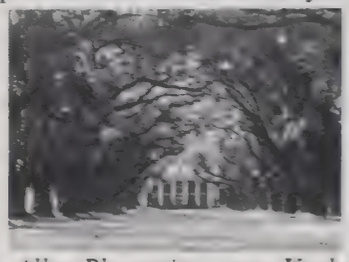
For house-seeing in Arkansas, send for the *Arkansas Tour Guide*, which describes five regional tours, each a "loop" trip into the country with Little Rock, the capital, as its starting point. In Little Rock's oldest district, the Quapaw Quarter—Italianate Villa Marre, built in 1881 for an Italian saloonkeeper. Also in Little Rock: the Arkansas Territorial Restoration—typical pre-1840 Arkansas houses. Crafts show and sale: May 2-3. A swing through Southwest Arkansas includes Hot Springs, with its "Bathhouse Row"—eight 19th-century marble-floored bathhouses, three open to the public. Also in Hot Springs: Queen Northeast Arkansas includes Helena, a riverboat town on the Mississippi. Northwest Arkansas includes Eureka Springs—its entire downtown business district is listed on the National Register of Historic Places. Victorian-style stores sell Ozark arts and crafts—handmade wood items, quilts. For tour guide: Arkansas Dept. of Parks & Tourism, One Capitol Mall, Little Rock, Ark. 72201.

Georgia

Georgia Historic Homes You Can Get Into. 72 houses listed by city, located on a map. In Atlanta: Tullie Smith House, an 1840 plantation farmhouse; Swan House, 1928 Palladian-style (swans in the woodwork). In Macon: Italian Renaissance-style Hay House with a domed cupola. In Thomasville, near the Florida border: Victorian Lapham-Patterson House, with octagonal bays and porches. Write the Tourist Division of the Georgia Dept. of Industry and Trade, P.O. Box 1776, Atlanta, Ga. 30301. Two extra stops in west Georgia: Callaway Gardens, with walking trails through 2,500 acres of native trees, bushes, and wildflowers; Westville, in Lumpkin, a whole village-museum of restored circa-1850 houses and shops (crafts made and sold). Georgia's spring treat: *The Savannah Tour of Homes and Gardens*, April 7-13. Four tours, $10 each. The Colonial Cemetery tour includes Davenport House, a Georgian restoration; Owens-Thomas House, Regency-style, designed by William Jay. Savannah Tour of Homes and Gardens, 18 Abercorn St. Savannah, Ga. 31401; (912) 234-8054.

Louisiana

Get the *Louisiana Points of Interest Guide* for planning what to see outside of Baton Rouge and New Orleans. In Natchitoches (central Louisiana), visit early plantation houses, the Bayou Folk



Oak Alley Plantation, near Vacherie.

Museum, Hodges Gardens. Cajun country—the word "Cajun" derives from "Acadian"—revolves around Lafayette. See neat little wood-frame Creole cottages. For lunch: gumbo, boudin, crawfish, jambalaya. The Acadian House Museum is in St. Martinville. Super site San Francisco Plantation, in Reserve—"steamboat gothic" architecture. Write the Louisiana Office of Tourism, P.O. Box 44291, Baton Rouge, La. 70804. For sights in and around Baton Rouge, park your car and take the guided Louisiana Lagniappe Tours. Its "Plantation Country" tour takes you in a van north

Continued on page 5

Ireland...friendly, unspoiled, inviting, exciting. From sightseeing to shopping, from castles to cottages, to the Abbey Theatre. And it's described to perfection in this beautiful 32-page full color book. Take the first step toward a perfect vacation by writing, then see your travel agent.

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continued from page 54

to St. Francisville and two plantations: Rosedown—with its Federal-style house and 17th-century gardens, and Oakley—a West Indian-style house where Audubon lived, now part of the Audubon State Park. Lagniappe's van can also take you on a morning tour of Baton Rouge that includes Magnolia Mound Plantation, a French settler's cottage, and the Old State Capitol, a castellated Gothic landmark (cast-iron spiral staircase, stained-glass dome). Book tours in advance. Call (504) 387-2464. Pick up a *Baton Rouge Visitor Guide* on your stop at the Old State Capitol (the Tourist Bureau's there), make your own tour to: The Anglo-American Museum to see the period rooms and excellent glass and Newcomb Pottery collections; The Museum of Rural Life, for a Cajun "dog trot" log cabin. New Orleans—for the French Quarter, or Vieux Carré, take the guided Friends of the Cabildo walking tour. Tours are $5, and begin at 9:30 A.M. and 1:30 P.M.—just show up at the Presbytère, on Jackson Square (the heart of the district). Highlights: Gallier House, Madame John's Legacy, the Mint, Hermann-Grima House (with a lovely courtyard and an 1831 open-hearth Creole kitchen). For a self-guided tour of New Orleans' *Lower Garden District*, write the Preservation Resource Center, 823 Perdido St., New Orleans 70112, or call (504) 581-7032.

Mississippi

During both March and April, 14 Mississippi towns organize house tours—which they call pilgrimages—all listed in

Longwood, in Natchez.

the *1980 Mississippi Pilgrimage Guide*. Most of them include both private houses and houses open year-round. The guide gives tour information (hours, prices), lists museums and craft shows, tells where to find out more. Natchez on the Mississippi, has a pilgrimage March 8-April 6, with 6 different day tours, plus a candlelight tour—34 old houses to see in all. Stanton Hall, an imposing Greek Revival house, has a 72-foot ballroom, gardens. Longwood, an Islamic-Victorian octagonal house, is a National Historic Landmark. The Elms, built in 1782, pink, with wide, low verandas, wrought-iron spiral staircases. The Columbus Pilgrimage, April 11-20, includes: Waverly, built in 1852, with

Continued on page 5

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After seven days we were luxuriously relaxed, yet totally exhilarated. But we were even more exhilarated knowing we had seven more days to go.

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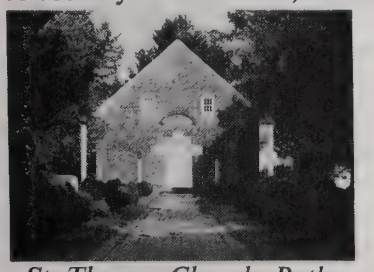
continued from page 56

65-foot-high octagonal central hall; Themerlaine, lacy, filigree woodwork. For the guide, write the Division of Tourism Development, P.O. Box 22825, Jackson, Miss. 39205, or call (601) 354-6715. A map—Mississippi Recreation Guide—sent on request.

North Carolina

North Carolina Tour Guide traces 11 day-tours. Mountain Tour #1: Asheville, and Biltmore House, a 250-room Loire Valley-style château designed by Richard Morris Hunt, gardens landscaped by Frederick Law Olmsted. Winston-Salem Tour #4 winds through tobacco country to Old Salem, a restored



St. Thomas Church, Bath.

Moravian village with traditional German architecture—timber and brick Single Brothers' House, built in 1769 for unmarried craftsmen. Lining the brick-paved sidewalks, a tobacco shop, bakery, tavern, silversmith's house. For the guide, write North Carolina Travel and Tourism, 430 North Salisbury St., Raleigh, N.C. 27611. A special treat when you go: North Carolina's oldest town, historic Bath, incorporated in 1705. The Visitor Center is on highway 92 as you enter. See Georgian Palmer-Marsh House, with closets built into its 17-foot-wide double chimney, plus St. Thomas Church (1759). Inside: the original pews, white walls, heavy exposed beams. For brochure, write Historic Bath, P.O. Box 124, Bath, N.C. 27808.

South Carolina

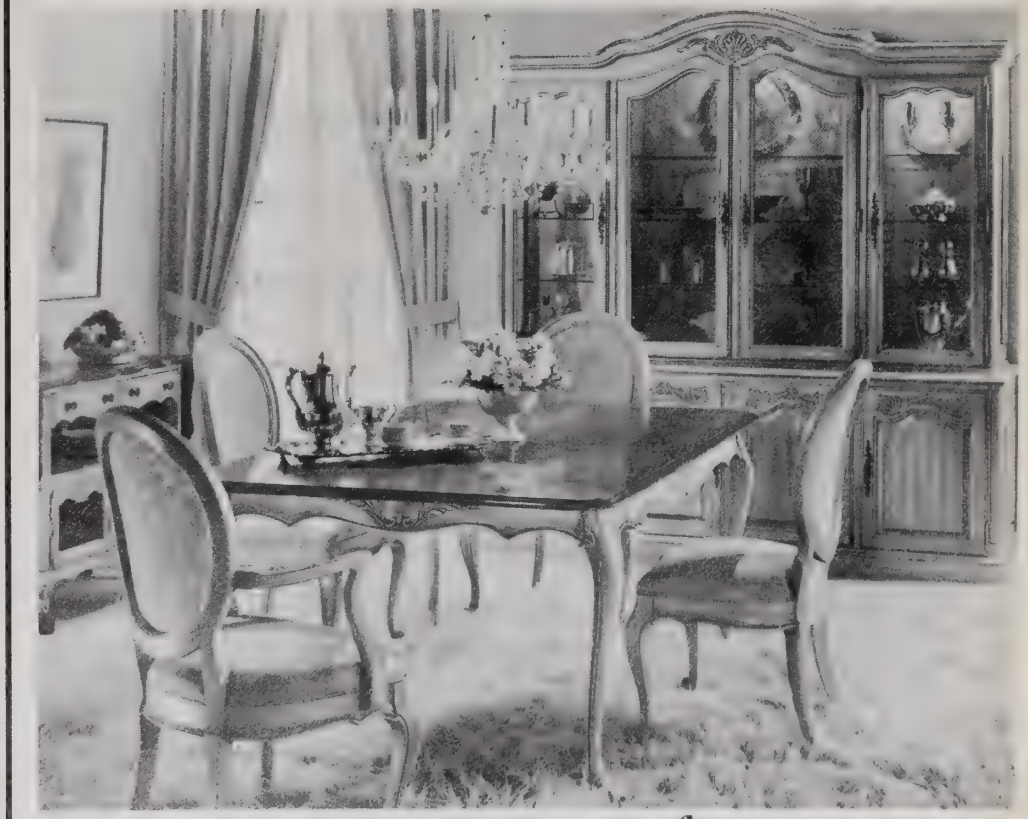
Come See S.C.: 10 regional tours in a 64-page booklet (comes with a separate state highway map). A tour of Columbia, the capital, includes the Robert Mills Historic House and Park (Mills designed the Washington Monument and the National Portrait Gallery). Nearby gardens: in Orangeburg, 85-acre Edisto Gardens (210 varieties of roses); in Sumter, Swan Lake Iris Gardens (black and white swans, Japanese and Dutch iris). The booklet lists historic districts—Pendleton, Beaufort, Charleston—with tape-cassette tours. Write the South Carolina Division of Tourism, P.O. Box 71, Room 30, Columbia, S.C. 29202. One of South Carolina's biggest spring attractions: the *Charleston Festival of Houses*, March 20-April 14. Seven different guided walking tours open the doors to over 70 houses (almost all are closed the rest of the year). The Legare Street tour offers wonderful azaleas, the King Street Candlelight tour remarkable Georgian houses. Every Monday night: Nathaniel Russell House, music and wine in oval drawing rooms. Buy $10 tickets to each tour in advance. Write Festival of Houses, 51 Meeting St., Charleston, S.C. 29401, (803) 723-1623.

Virginia

April 19-27 is *Historic Garden Week in Virginia* (the "week" is actually 9 days). The 166-page booklet describes over 200 houses, most of them rarely open except during this special statewide house-touring week. Houses are grouped into small areas, each with a contact to call or write for more specific information on local tours. The houses we list below are well-known, most open year-round. Each would make a satisfying base for a day's tour that also included several other "Garden Week" houses. Go to the Northern Neck area of Virginia for Stratford Hall, a 1725 Jacobean H-shaped house and the birthplace of Robert E. Lee. In Albemarle-Charlottesville: Monticello, and James Monroe's Ashlawn House, also designed by Jefferson. In Virginia Beach: the small, simple Thoroughgood House, built in 1631, America's oldest brick (Flemish and English bond) dwelling, with 17th-century garden. In Richmond: early Georgian-style Tuckahoe Plantation. Colonial Williamsburg's usual treasure of 18th-century

Berkeley Plantation, on James River.

houses is supplemented during Garden Week with some extraordinary private houses on tour. Also open: the James River Plantations—primarily 18th-century houses, many still lived in by the original families. Important architecturally and historically—Sherwood Forest: America's largest frame house, the home of two Presidents; Berkeley Plantation, with a three-story Georgian house; Brandon, with tulip trees. For the Historic Garden Week booklet, send 50¢ postage to the Garden Club of Virginia, 12 East Franklin St., Richmond, Va. 23219. State map sent on request. For help planning your tour, call the Garden Club Office at (804) 644-7776. The best guide to the James River Plantations is also a cookbook: *The James River Plantations Cookbook*, just published, complete with descriptions of plantations, house recipes like Westover Church Hush Puppies, Sherwood Baked Virginia Ham, Berkeley Pecan Pie. For the book, send $5.15 plus $1 postage to Mrs. Harrison Tyler, P.O. Box 8, Charles City, Va. 23030. ■



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continued from page 53

One's first decision when attending a Ring Cycle, therefore, is how to schedule meals. We decided to concentrate on lunches, then have a snack after the operas.

So Sunday lunchtime we rushed off to *Henry's Off Broadway*, where the menu included seafood quiches and frittatas, and delicious fresh fruit bowls of melon, papaya, strawberries.

Our hotel was the Washington Plaza, a magnificent building in the center of town with a new round tower block. A short walk from the hotel takes you to the Monorail, elegant transportation built for the Seattle World's Fair of 1962. It costs 25 cents and takes less than 2 minutes to ride to the Space Needle on this zippy train, from which you get a splendid view of the city.

Once at the famous Space Needle (where you can eat in a revolving restaurant), you walk through the park built for the World's Fair, with carousels, Big Wheels, and several civic buildings, until you arrive at the Opera House. (It takes about 8 minutes, under a covered walkway—Seattleites are always prepared for rain!) One nice thing to do is to explore the Modern Art Museum or the Northwest Craft Center on your way to the opera, if you get there before 6 P.M. when they close.

The opera house is open in design, with a wide raked orchestra, and a lowered orchestra pit as at the Bayreuth Festival Theater in Germany. There are several good food centers in the house so you can stave off hunger in the intermissions. The acoustics are very good.

Monday night was *Die Walküre,* after which we had sandwiches in our room, having found out that few restaurants in Seattle stay open after midnight.

Tuesday night was opera-free, so we dined at *The Other Place*, one of the best restaurants in Seattle. It specializes in game and fresh fish.

Wednesday we had a late breakfast at Maximilien's, in the heart of the Pike Place market. This was our favorite place in Seattle—hundreds of stalls of fruit, vegetables, spices, flowers, foods, jewelry, and weaving. The fish in particular amazed us—jumbo crab, lobster, catfish, black bass, and four kinds of salmon.

Maximilien's in the Market is like a French café, with mirrored walls and an African violet on each table, and a view over Pier 59. They serve café au lait and croissants, or a spinach and onion soufflé for breakfast, to the strains of classical music. For lunch: simple soups, salads, and patés.

We then visited Pioneer Square, the oldest part of Seattle, which is in the middle of an extensive restoration program. It has some interesting examples of revival Romanesque and Gothic architecture, and you can take a walking tour of the area both above and underground. We enjoyed a taste of the old frontier Seattle in the *J & M Cafe and Cardroom,* like a Western saloon.

That night, after *Siegfried,* we dined at *El Gaucho,* a late-night restaurant with great steaks and spare ribs.

Thursday we attended a rehearsal of the English Ring. Less passionate fans might prefer a drive out to the lovely Cascade Mountains, Mount Rainier, or Lake Washington, or to visit the Seattle Art Museum high up in Volunteer Park, which has a fine collection of Asian art.

Two other restaurants are worth visiting: 1. *Labuznik*—we liked the soups—a rich Hungarian broth with sausage, sauerkraut and potatoes, and Hasha, a delicate creamed veal soup. 2. *Jake O'Shaughnessy,* a charming Irish dining room with roast beef and alder-roasted (almost like smoked) salmon. Their sourdough bread is famous (Simon and Schuster published *Jake O'Shaughnessy's Sourdough Book*). It opens at 5 P.M.—a convenient time before the opera.

Friday night was *Götterdämmerung,* the final (5½ hour) opera of the cycle. Ute Vinzing lived up to her reputation and immolated herself magnificently while Valhalla fell in flames.

Glynn Ross, the director of the Seattle Opera and the man who got the whole Wagner Festival off the ground, told us he was hoping to create a world festival of the arts in which every nation would be represented. Seattle, still growing, may yet be the world cultural center he envisions.

When to go

In 1980, the Pacific Northwest Festival in Seattle presents Wagner's Ring Cycle in German from July 20 to 25, and in English from July 28 to August 2.

How to get there

Amtrak's "Empire Builder" goes from Chicago to Seattle, with bedrooms and roomettes, taking 2 nights.

Where to stay

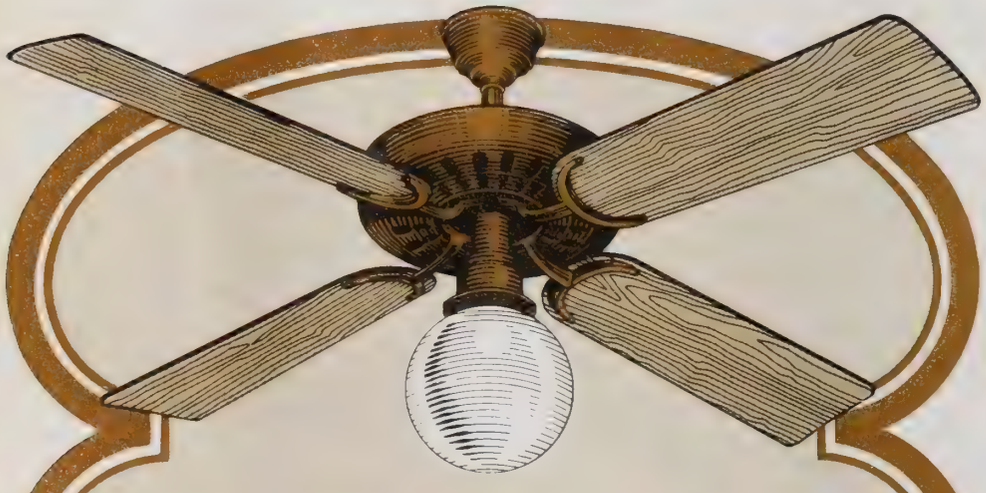
The Washington Plaza, in the new block. The Camlin Hotel, the Mayflower Park, and the Olympic are centrally located hotels. *Book early*—this is the peak visiting time for regular tourists as well as international Wagnerites.

How to get tickets

A complete brochure about casting, seating, tours, and special offers, plus tickets for the Ring are available from the Pacific Northwest Festival Ticket Office, P.O. Box 9248, Seattle, Wash. 98109. Or call (206) 447-4711. Tickets range from $200 to $54 for a complete Cycle. (You can buy tickets for each performance separately if you wish.)

What to wear

Seattle likes its opera informal. It can be a little wet or cool in the evenings. ■



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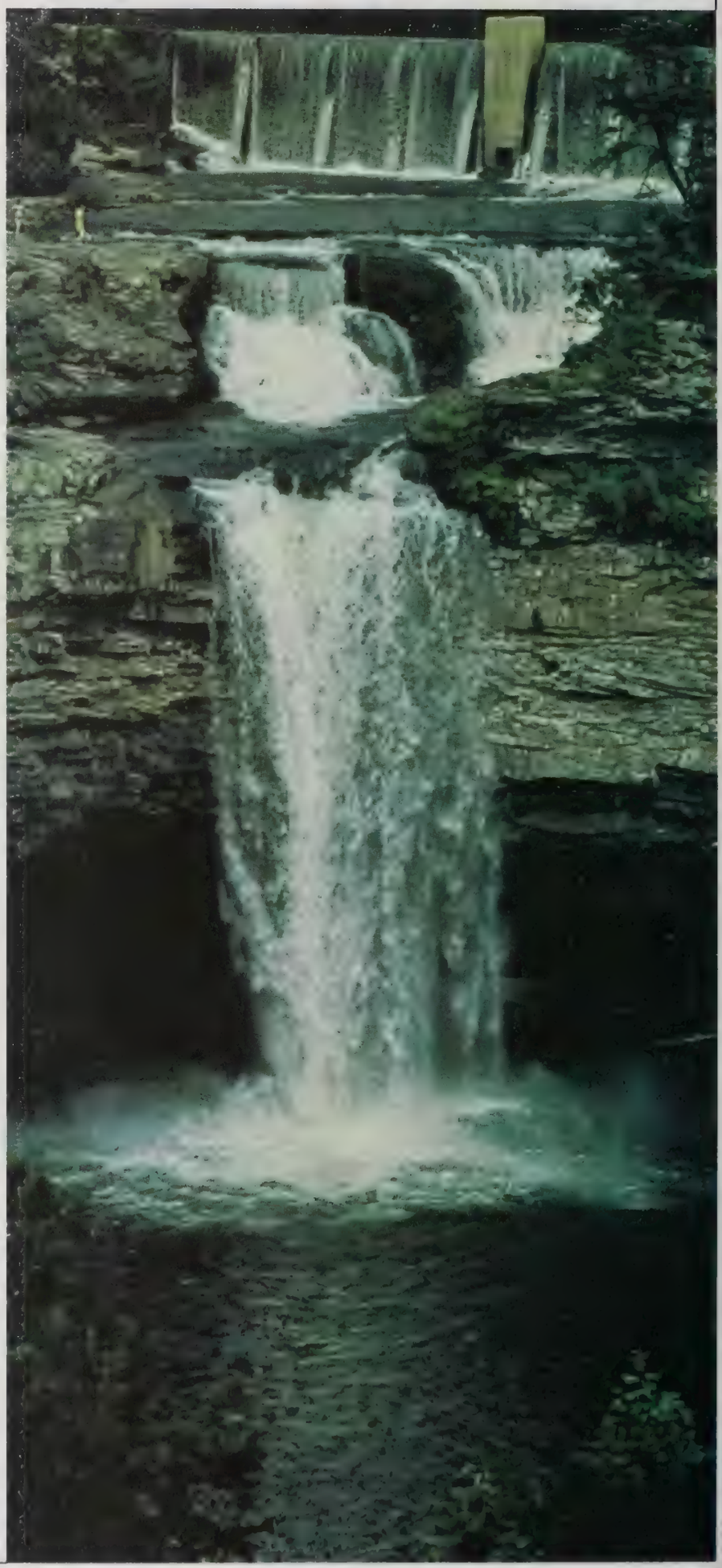
Alabama the Beautiful

Oh let me sing of a land full of crystal lakes where the rock cliffs come down to the water's edge. Of a surprising land where you turn off the highway to the blacktop and then to a dirt road with a fiddler's convention at the end of it. Of a rich land that grows cotton and corn and peaches and people. Friendly people who look you in the eye and mean what they say.

This is my beautiful Alabama. From the great dams and the Space Center in the north to the ante-bellum mansions and the snow-white beaches of the south. And in between, the lost Indian civilization and the city with the Grecian name and architecture, founded by a colony of Frenchmen. And a waterfall called Noccalula after the Indian maiden with the faithless lover who cast herself from it.

Come to this bountiful land, rich in history and tradition and rich too in what has made America, America. Alabama the Beautiful.



Alabama Bureau of Publicity and Information
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Or call Toll-Free 1-800-633-5761

Travel South USA

Spring is a very special time of year n the South, America's very special vaca- ion place.

In spring, wild flowers flood the nountain valleys from Virginia's Blue Ridge to the Arkansas Ozarks. Seductive breezes invite refugees from winter to soak up the sunshine on Atlantic and Gulf Coast beaches. It's the high season for candlelight pilgrimages through the ante- bellum mansions of Savannah, Charleston and Natchez, for Dogwood Festivals in Atlanta and Charlotte, fishing rodeos on he Florida Gulf Coast and the Alabama and Kentucky lakes. It's the very *in* season or tennis and golf at world famous resorts, or horseracing in Kentucky and Florida, and for whitewater rafting in the north Georgia mountains.

Whatever your vacation plans, this ichly varied 11-state region, stretching rom Arkansas' mountain lakes to Florida's sunny keys—from Virginia's nistoric shrines to Louisiana's mysterious bayous, has what you're looking for. Wherever you go, you'll find a warm eception, and a holiday full of exciting sur- prises.

Virginia is a good example. Any schoolchild knows that the Common- vealth is the site of Thomas Jefferson's Monticello and George Washington's Mt. Vernon. He knows our country began with he first permanent English settlement at amestown in 1607, that the Revolution nded at Yorktown and the Civil War at Ap- pomattox. Not many are aware, however, hat the Virginia Museum of Fine Arts in Richmond displays one of the world's argest collections of jeweled Easter Eggs and other art objects fashioned by Peter Carl Fabergé for the Imperial Russian

Gracious old homes enjoy new life in today's South.

Court. Only a few blocks from the State Capitol designed by Jefferson, Richmond has another surprise—Shockoe Slip, several blocks of shops, nightspots and restaurants in rejuvenated old tobacco warehouses on the James River.

NORFOLK'S HARBORFEST

The old navy town of Norfolk has put on a handsome new face, and if you're stirred by the sight of majestic sailing ships, be there Memorial Day weekend (May 23-26) when a fleet of "tall ships" will sail into Norfolk harbor, highlighting the city's annual Harborfest. Fine new hotels like the Omni International Norfolk are an ideal base for visiting a wealth of nearby attractions like Colonial Williamsburg, whose ancient cobblestoned streets recall the days when Thomas Jefferson and Patrick Henry thundered for liberty in the beautifully restored Capitol.

Speaking of Mr. Jefferson, there's hardly an historic shrine in America more inspiring than his beloved Monticello. Perched on a mountaintop overlooking Charlottesville, this dignified house is filled with memories and mementoes of the colossus who framed the Declaration of Independence and served as our third president.

UNWIND IN NORTH CAROLINA

Virginia's southern neighbor, North Carolina, is a big, varied state that invites its guests to unwind and indulge themselves in golf and tennis. Outstanding resorts are nestled in the folds of Western North Carolina's Great Smoky Mountains. Two of the most renowned, Sapphire Valley and the High Hampton Inn and Country Club, are neighbors in the village of Cashiers. Both have first-class sports facilities, great food and accommodations. A few valleys away, Fontana Village Resort bids you to play tennis and golf, swim and ride horseback in its uncommonly brisk mountain air.

Asheville, Western North Carolina's hub city, has a number of deluxe hotels and restaurants, and a 250-room French chateau called Biltmore House. Built by George W. Vanderbilt at the turn of the century, Biltmore is filled with priceless treasures. Don't miss the chess set Napoleon Bonaparte used to while away his exile. Asheville is also the site of novelist Thomas Wolfe's boyhood home.

GOLF AT PINEHURST

Across the state, in the rolling Sandhills Country, the Pinehurst Hotel and Coun-

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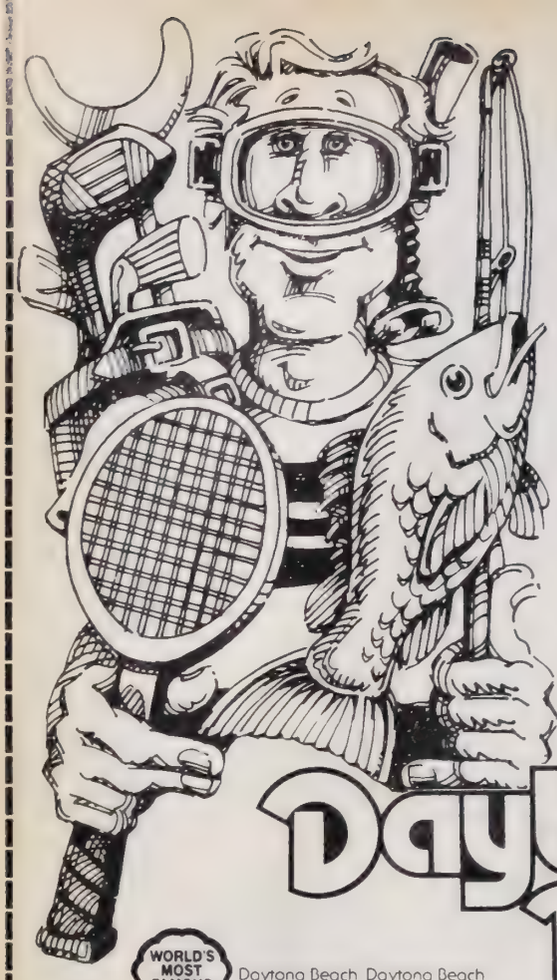

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try Club lays out a choice of six magnificent golf courses, and an ultra-modern tennis center. The World Golf Hall of Fame is adjacent to Pinehurst's famed No. 2 course.

North Carolina's Outer Banks are an outdoorsman's and family vacationer's paradise. Beaches stretch for mile after unspoiled mile along the Atlantic Ocean. You can surf cast from the beaches, or charter a boat to pursue marlin and other game fish. Camp grounds and family-oriented lodges and motels are located all along the Outer Banks.

Elsewhere in North Carolina, you'll find excellent hotels and restaurants in the major cities of Charlotte, Greensboro, Winston-Salem and Raleigh.

SUNNY SOUTH CAROLINA

South Carolina has beaches aplenty. In fact, Myrtle Beach and the famous Grand Strand boast more than 50 miles of Atlantic Ocean beaches. This popular family resort also comes complete with 30 championship golf courses, 125 tennis courts, 40,000 hotel and motel rooms, amusement parks, nightclubs and dining places.

Ocean Dunes, a plush resort hotel facing the Atlantic, has package plans which open the door to 25 Grand Strand golf courses. The Tryon Seville, situated on the Grand Strand's broadest stretch of beach, provides guests entree to a dozen courses only a few minutes from its front door.

At Kiawah Island, you may have your golf, tennis, 10 miles of unpeopled beaches, nightlife and plush accommodations surrounded by a carefully preserved natural wilderness. All this, and historic Charleston is only a half hour away. The warm days of spring are perfect for strolling the cobblestone byways of this 300-year-old colonial city, which celebrates the season by opening the doors of its mansions to candlelight pilgrimages. The Spoleto Music Festival of Two Worlds takes over the city for three memorable weeks in late May and early June.

SEA PINES

The famed Harbour Town Links is only one of the highlights of Sea Pines Resor on South Carolina's Hilton Head Island Tennis, more than a dozen continenta and seafood restaurants, and unex celled condominium villas are othe facets that make Sea Pines one of the world's truly outstanding resorts.

SAVANNAH OPEN HOUSE

A Sea Pines vacation can easily be com bined with a journey back in time to Savan nah, Georgia. More than 25 of Savannah's most gracious mansions and townhouses invite visitors inside for daytime and night time candlelight tours April 7-13. Night in Old Savannah (April 24-26) celebrates the arrival of spring with ethnic food fairs and

Travel South USA to the world's largest space museum, Huntsville, Alabama.

outdoor jazz and Dixieland music fests. Savannah's most outstanding hotel, the DeSoto Hilton, is home of the Pavilion Room, one of the 250-year-old city's favorite dining places. Be sure to set aside an evening for River Street, where the old cotton warehouses have been revived as taverns, seafood restaurants, and fascinating little shops. Enjoy a midnight cruise on the Savannah River aboard Cap'n Sam Stevens's *Harbour Queen*.

JEKYLL, SEA ISLAND

Invigorating Atlantic breezes make spring the favored season for golf, tennis and beachcombing at Georgia's Jekyll Island State Park, and at the world-famous Cloister Hotel on neighboring Sea Island. A round at the Cloister's Sea Island Course is an experience a true-blue golfer never forgets. The food, the service, and the beautifully appointed guest rooms remain fresh in the memory for a long time, too.

CALLAWAY GARDENS

Callaway Gardens, in the Pine Mountain Valley south of Atlanta, has no fewer than 63 holes of golf that skirt a dozen bass and cream-filled lakes. The namesake gardens bloom in spring with 600 varieties of azaleas. The Callaway dining rooms specialize in delicious Georgia specialties; guest rooms look over a vista of lakes and wooded hills.

BUSTLING ATLANTA

In late March, millions of pink and white dogwood break into blossom, inspiring Atlanta's annual "Dogwood Week" festivities. This cosmopolitan city has a wealth of deluxe hotels, shops, restaurants, nontop nightlife, and an array of family entertainment. The mammoth Six Flags Over Georgia theme park boasts two of the largest and most terrifying roller coasters in creation, and enough fun to keep you busy from early morning until way after midnight. At Stone Mountain Park, you may view the Confederate Memorial carving from below, or ride to the top of the 880-foot granite mountain on a Swiss cablecar. You may also fish, swim, play golf, picnic and see an authentic antebellum plantation.

A $500,000,000 terminal complex opening this year will make Atlanta's Hartsfield International Airport one of the busiest in the world. All the better for visitors flying into Travel South USA territory.

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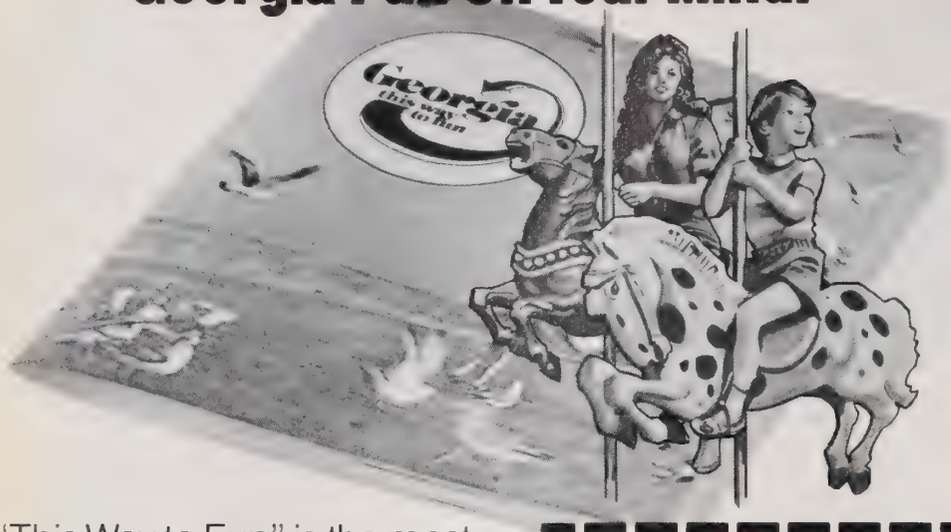

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The Holiday Inn at Plant City is less than a half hour's drive from the Orlando area's many attractions, and offers 4-day, 3-night packages which include rooms and admission to many of the popular parks.

Daytona Beach, with its thousands of hotel rooms, restaurants, and "The World's Most Famous Beach" is only an hour's drive from Orlando and the many attractions of central Florida.

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Sun worshippers never have to look far for an inviting stretch of Florida sand. From the turquoise-rimmed beaches of the northwest Panhandle, to Clearwater/St. Petersburg on the West Coast, to Daytona Beach, Miami Beach and Ft. Lauderdale on the Atlantic "Gold Coast," there's plenty of sunning room for all of Florida's guests.

For an incomparable view of Ft. Lauderdale, take a relaxing ride in the revolving rooftop restaurant of Pier 66 Hotel and Marina. Have dinner in the South Seas setting of Pier 66's Arbor Restaurant.

Relax awhile at Miami Beach, see the races at Hialeah, and sample flamenco dancing and *arroz con pollo* in Miami's colorful "Little Havana."

To escape completely for a few restful days, cruise from Miami to the sunny Bahamas on Eastern Steamship Lines' *Emerald Seas*. Royal Caribbean Lines offers one and two-week cruises to many of the Caribbean's most exotic ports.

KEY WEST

Key West, America's southernmost city, has a tempo and a lifestyle distinctly its own. It also has more night spots and dining places—many specializing in fresh seafoods—than many far larger cities.

ADVENTURE IN ALABAMA

Alabama is unbridled family adventure—from its Gulf Coast beaches to its historic midlands and northerly crown of lakes and mountains. Alabama's Mountain Lakes Region is one of the nation's most magnificent vacation areas.

Joe Wheeler Park, on the banks of the Tennessee River, has a first-rate golf course, marina, cottages, and a 70-room lodge and convention center. Guests at Guntersville State Park's resort lodge get a complimentary view of the 66,000-acre Guntersville Lake. The park has a challenging golf course, campsites,

Mountain outlook. Cumberland Gap, Kentucky.

beaches, hiking trails and hundreds of choice spots to angle for bass and bream. Other first-class resort parks are located on lakes, rivers and ocean beaches all over Alabama. All are convenient bases for exploring the state's historical and natural treasures. Lakepoint Resort Park, on 45,000-acre Lake Eufaula, is a short drive from the city of Eufaula and its trove of ante-bellum mansions.

From Guntersville Park, visitors may plumb the depths of DeSoto and Sequoia Caverns, and step into the future at the Alabama Space and Rocket Center in Huntsville.

The Space and Rocket Center houses the most complete collection of actual American space equipment anywhere in the country. Visitors may experience the thrills of space travel during a visit to the center.

BUSY BIRMINGHAM

As Alabama's largest city, Birmingham has many excellent dining places, and a lively nightlife on Morris Avenue, a revived sector of old warehouses near downtown. For an unusual dining experience, spend an evening at Meadowlark Farm, in the small town of Alabaster, just south of Birmingham. The continental dishes at Meadowlark are among the best in Alabama.

GRAND HOTEL, MOBILE

Deep sea fishing and splashing in the surf are among the highlights of Alabama's Gulf Coast. The area is making a determined comeback from damage inflicted by Hurricane Frederick. Accommodations on the Gulf Coast range from campsites and lodges in state parks to the velvet-gloved luxury of the Grand Hotel at Point Clear. With its renowned golf course, tennis center, skeet shooting and award-winning dining room, the Grand Hotel ranks as one of America's premier resorts. The Azalea Trail Festival is one of the highlights of spring in nearby Mobile. Many of Mobile's most beautiful homes are open to the public during the festival.

The thing that makes a Louisiana vacation different is that Louisiana is different. From its graceful plantations to its easy Mediterranean approach to living, Southern courtliness and subtropical greenness, Louisiana is the exotic sister in the family of American states.

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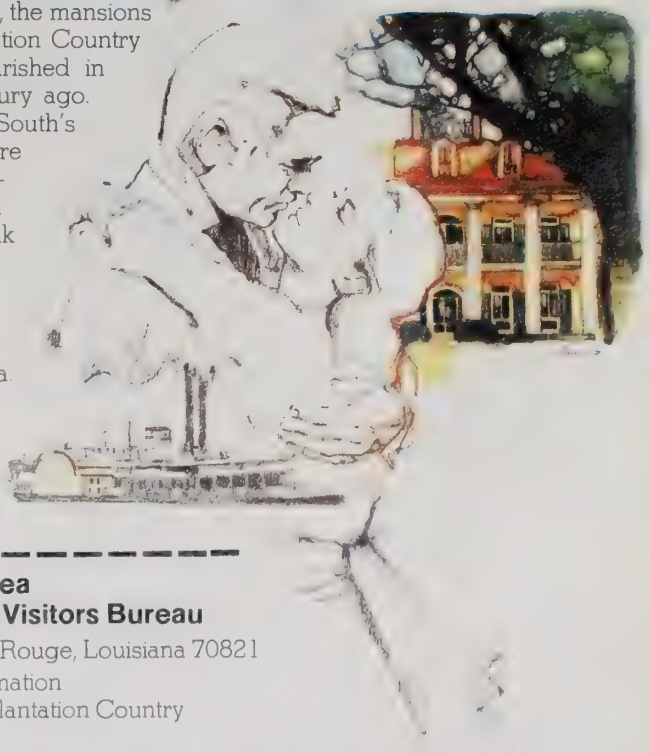

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Beaches—Biloxi alone has 25 miles—are within a few yards of resort hotels like the Broadwater Beach and Diamondhead Yacht and Country Club. Deep sea fishing boats take visitors out for exciting runs at bluefish, marlin and other challenging sports fish.

Mississippi is an alert guardian of her past. Florewood River Plantation, near Greenwood, provides visitors a glimpse of the imperial lifestyle of the Delta's antebellum cotton barons.

NATCHEZ PILGRIMAGE

In late March and early April, dozens of towns all over Mississippi invite guests into their homes. The most famous spring pilgrimage is held at Natchez, where candlelight tours of more than 30 romantic mansions lead visitors gently back into the past.

Vicksburg National Military Park, on bluffs above the Mississippi River, is a silent reminder of one of the bloodiest and most decisive engagements of the Civil War.

OVERNIGHT IN NEW ORLEANS

An old hand at taking care of company, New Orleans has hotels large and small. In the heart of the Quarter, the intimate St. Louis Hotel has 77 richly appointed guest rooms, award-winning dining, and restful tree-shaded patios to while away a morning or afternoon.

The Hotel Monteleone, on Rue Royale's antique shop row, has a popular revolving bar off its main lobby, and one of the city's most outstanding dining rooms. The Monteleone's convention facilities are among the most spacious in town.

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SCENIC LOUISIANA

Spring is a welcome visitor elsewhere in Louisiana, too. The moss-draped mansions of St. Francisville, near Baton Rouge, are open to visitors during the annual Audubon Pilgrimage in mid-March. Take a nostalgic trip back into the romantic past at Rosedown Plantation, one of St. Francisville's most illustrious jewels, and catch a sweeping view of Old Man Mississippi from atop Louisiana's skyscraper State Capitol in Baton Rouge.

SHREVEPORT/BOSSIER

Shreveport/Bossier, thriving twin sisters of northwest Louisiana, throw their annual Dixie Festival in late April, with parades, arts and crafts fairs, carnivals and other goings on.

Festivals paying homage to the crayfish, that lobster-like creature so dear to Cajun palates, are held in spring in the fishing villages of south Louisiana's Cajun Country. A leisurely journey through the mossy bayous near New Iberia, St. Martinville, and LaFayette is a vicarious trip to old country France. One taste of crayfish *etoufee* and you'll be tempted to linger for life.

SURPRISING ARKANSAS

Arkansas is a surprise from the Ozark Mountains to the banks of the Mississippi. The state has an abundance of lakes, rivers, and streams for fishing and water sports. Hot Springs has 50 days of thoroughbred racing, nightclubs, and world-famous resort hotels with golf, tennis, and continental dining.

BOUNTIFUL KENTUCKY

Kentucky is blessed with an abundance of mountains, lakes, resort parks, and memories of Daniel Boone and Abraham Lincoln. But for sportsmen, Kentucky in the spring means only that exhilarating two-minute "Run for the Roses"—the Kentucky Derby at Louisville's Churchill Downs. Traditionally run the first Saturday of May, the Derby is the crowning event of more than a week of festivities that include parades, hot air balloon races, horse-shows, and paddlewheeler races on the Ohio River.

KENTUCKY HORSE PARK

Kentucky thoroughbreds, harness racers and numerous other breeds of work and pleasure horses now have a park all their own. People, too, are invited to explore the 1,032-acre Kentucky Horse Park, in the heart of Bluegrass Country near Lexington. The park's spacious grounds have a visitors center with an orientation film, campgrounds, dining places, and tours of stables where colts are molded into champions.

KENTUCKY STATE PARKS

Whether your choice is the Cumberland Mountains and Daniel Boone Country, or the scenic Western Lakes region, comfortable cabins and lodges are available at moderate rates in Kentucky State Parks. Golf, tennis and boating are there for your leisurely relaxation.

You can be your own skipper and rent a fully equipped houseboat for a day, a weekend or a week of family fun at Kentucky Dam Village and Cumberland State Resort Parks.

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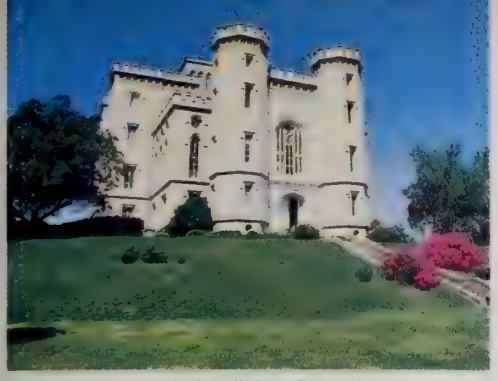
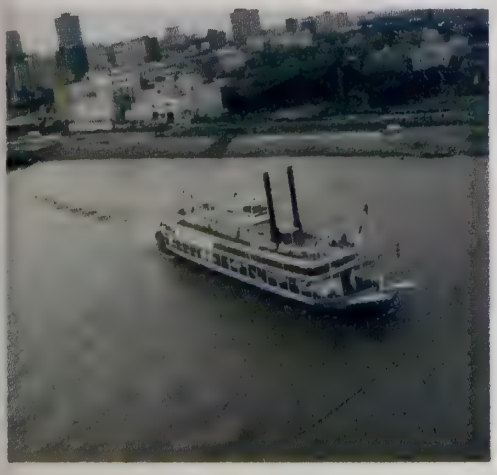


The Old State Capitol Building, Baton Rouge.

towns and resort areas are famous for their hearty fare. Smoked ham with red eye gravy is a Bluegrass State tradition, and a famous colonel began a fried chicken empire from a humble roadside restaurant in Corbin. Sauerbraten and apple strudel are popular favorites at the many German restaurants in Louisville.



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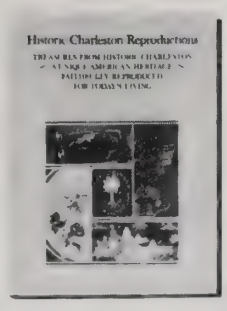

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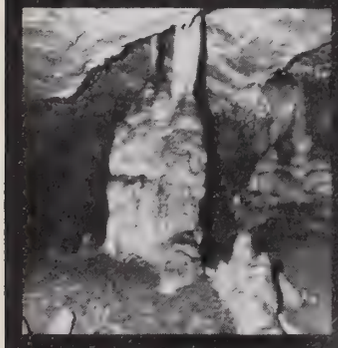

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TRAVEL SOUTH TIPS ON SAVING TIME, MONEY & ENERGY

Conserving energy is on all of our minds these days. But our concern with the ever-increasing cost of a tank of gas for the family car shouldn't deprive us of that equally precious annual family vacation. It simply means taking some common sense steps to make certain that our energy—and our vacation budgets—stretch a lot further.

Steps like putting the car through a "physical examination" before leaving home to make sure that the tires will bear up under a journey of several thousand miles . . . that the battery is strong . . . that all of the belts are nearly new . . . that the engine is properly tuned.

It's usually much safer, and less expensive, to have this work done by your hometown mechanic rather than by a stranger at an all-night gas station somewhere down the road.

OBEY THE SPEED LAWS

You'll come out much better, in more ways than one, by adhering to the 55 mile per hour highway speed limit and limits posted in towns and resort areas. Tests conducted by the U.S. Department of Transportation have proven that consistent highway driving at 55, rather than at 70 or 75, can stretch a tank of gas by as much as 21 percent.

AVAILABLE FUEL

Gasoline has been plentiful throughout Travel South USA and most stations, particularly those on major highways, remain open on weekends and holidays. To make certain that fuel is available, inquire at State Welcome Stations on the Interstate Highways borders of most Travel South USA states.

Tourist attractions, restaurants and motels in many areas have formed associations to keep tabs on fuel conditions. For instance, "The Williamsburg Travel Report" broadcast on radio and television stations in Virginia monitors conditions not only in Colonial Williamsburg but Kings Dominion and Busch Gardens and the Richmond and Norfolk areas.

Chain motor hotels, like Holiday Inn and Ramada Inn, monitor fuel availability in their vicinities and can give guests accurate information on areas to which they'll be traveling.

LOW COST LODGING

Days Inns Motor Hotels, with over 30 locations in 28 states and Canada, have their own self-service gasoline facilities with prices competitive with neighboring service stations. Days Inns' unique September Days Club provides discounts on lodgings, food and rent-a-cars for members over 55. Days Inns can stretch any family's vacation budget with rooms averaging $15.88-$19.88 for one guest and $3-4 for additional adults and $1 per child.

Florida beaches invite sunning, strolling.

STATE RESORT PARKS

Although Travel South USA has resorts, hotels and motels in every price category, you can save additional travel money, and have a little adventure at the same time, by staying in a state park. Parks in Kentucky, Alabama, Georgia and other states have comfortable lodges with complete restaurants and fully-equipped cabins at very moderate rates.

DON'T "GASOLINE PANIC"

Whatever you do, don't go into a "gasoline panic." Don't try to turn your automobile into a fuel tanker. Gasoline is safe only in your fuel tank. In milk jugs, cannisters and other makeshift containers it's a potential bomb waiting for even the tiniest spark to set it off. A single gallon of gasoline has the impact of a dozen sticks of dynamite.

The American Automobile Association cautions motorists who run out of gas not to pour gasoline into the carburetor to kick off the engine. A backfire could trigger dangerous vapors and set off a serious fire. To get gasoline properly flowing again, switch the engine on and off in short spurts and depress the gas pedal to allow the fuel pump to draw gasoline into the carburetor to kick off the engine.

CAVEAT EMPTOR

The American Automobile Association also cautions motorists against so-called fuel-saving devices, many of which are not only useless but can be costly and dangerous. Devices like "gas-saver pills" can clog fuel lines, necessitating expensive repairs. Other gimmicks can cause an increase in exhaust emissions, violating anti-pollution laws and doing serious damage to your engine.

CHECK TIRE PRESSURE

Have your tire pressure checked regularly. Buy yourself an inexpensive tire gauge with which you can make sure your tires aren't under or over inflated. These conditions can cause tires to become extremely hot, greatly reducing their expected tread life. Even the most expensive radials can lose air over a prolonged period.

A CENTRAL LOCATION

Travel associations in Travel South USA suggest that vacationers save energy, and wear and tear on themselves and their cars, by basing themselves in one central location and fanning out to nearby attractions from there.

RIDE MOPEDS AND BIKES

Mopedding and biking are another fun and inexpensive way to get around. Robert Helmer, an official of Batavus/Bikeways in Atlanta, notes that Batavus and other major moped makes are available for rent in Florida resort areas, Savannah, Georgia, Charleston, South Carolina and other popular vacation areas.

Mopeds, Helmer points out, are simple to operate, get up to 150 miles per gallon of gas, and are a lot of fun to ride. They're perfect for sightseeing around cities and for short trips from the campsite or motel to beaches and attractions.

GO BY AIR

Going by air is another sure way to save fuel and money. Travelers who book reservations in advance can take advantage of generous "Super Saver" discounts.

Bill Schemmel

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It's all here on the nearest seacoast to Mid-America. Golf, tennis, deepsea and freshwater fishing, sailing, historical places to see, distinctive restaurants, swinging nightclubs . . . everything under the sun. And you can tailor the cost to your budget from luxurious resort hotels to family-style motels. This summer spend your money on fun, not gasoline. Write for FREE color folder.

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It's the sight of elegant furnishings in elegant rooms, craftsmen busy at their benches, an evening debate at the Capitol, an actor drawing laughter in an eighteenth-century farce, a colonial governor at home in the Palace.

It's the taste of Welsh rabbit, Brunswick stew, Virginia ham, and oyster pie in one of three colonial taverns; and of quail and tournedos Rossini at the five-star Williamsburg Inn.

This spring, sample the scents, sounds, sights, and tastes of Colonial Williamsburg. Come by air, Amtrak, bus or car and view spring from another century. It's an experience your senses won't let you forget.

For reservations or information on accommodations and package plans at Williamsburg Inn, Williamsburg Lodge and The Motor House, see your travel agent. Or dial 1-800-446-8956 toll-free. (1-800-582-8976 in Virginia.)

COLONIAL Williamsburg
WILLIAMSBURG, VIRGINIA

Travel South USA

Booklets To Help You Plan Your Trip South

Here are some booklets that give you information about where to go and how to get there on your Travel South USA vacation. Just fill out the coupon below and return it.

1. Alabama Has It All. A 62-page color booklet describing Alabama's great attractions for family travel, fun and adventure.

2. Alabama Space And Rocket Center. Full color brochure illustrates all the excitement of the earth's largest space museum.

3. Arkansas Is A Natural. Arkansas, where the national forests, Ozark Mountains and state parks provide an ideal vacation setting.

4. Baton Rouge Plantation Country. Louisiana's capital city is particularly appealing in the springtime.

5. Callaway Gardens, Georgia. Magnificent gardens surround golf courses, fishing lakes, tennis courts and some of the most beautiful walking trails in the country.

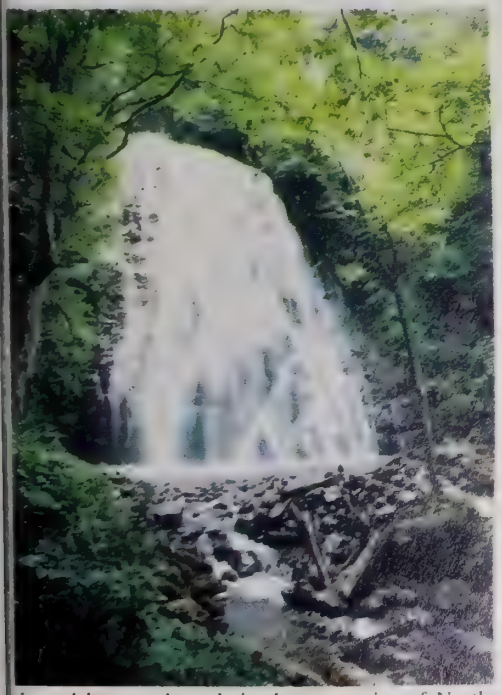
6. Charleston South Carolina Trip Planner. One of a number of informative brochures that families considering a vacation trip to this historic and charming city will find most useful.

7. The Cloister Hotel, Georgia. Escape to Sea Island, for your holiday at Georgia's luxurious golf and tennis resort.

8. Colonial Williamsburg, Virginia. Look into our country's past by visiting this restored Colonial town.

9. Daytona Beach, Florida. One of the world's greatest beaches can be found in close proximity to the world's largest collection of amusement and theme parks.

10. Eastern Steamship Lines sails from Miami to Nassau and Freeport on three-and-four-night cruises.



Natural beauty abounds in the mountains of North Carolina.

11. Florida. Helps you make the most of your vacation time by pin-pointing places and activities that are especially appealing to your interests.

12. Fontana Village, North Carolina. Nestled deep in the heart of Great Smoky Mountains, it's the anytime fun place to visit.

13. Georgia. Seven brand new brochures answer all your questions about vacationing in Georgia. A complete guide of fun things to do.

14. Grand Hotel, Alabama. "The Four Seasons Resort" with Old South charm and all the modern luxuries. Located on Mobile Bay.

15. High Hampton Inn And Country Club, North Carolina. Offers resort activities in the beautiful mountains of Cashiers, N.C.

16. Holiday Inn At Plant City, Florida. Centrally located to visit Walt Disney World, Cypress Gardens and Busch Gardens.

17. Kentucky is rich in natural beauty and history, is famous for its horse farms and offers a wide variety of family destinations. Get information on individual attractions within the state from:

- **a. Lynhurst Resort, Inc.**
- **b. Winchester Tourist & Travel Com.**
- **c. Bardstown-Nelson Tourist Com.**
- **d. Elizabethtown Visitors Bureau**
- **e. Morehead Recreation, Tourist & Travel Com.**
- **f. Lincoln Trail Development Dist.**
- **g. Renfro Valley Folks Inc.**
- **h. Kentucky State Parks**

18. Kiawah Island, South Carolina. An idea whose time has come. A walk-to-everything resort located on acres of primitive, semi-tropical wilderness.

19. Travelers Guide to Louisiana. Details exciting places to visit and fun things to do. Be sure to see all the beautiful gardens!

20. Mississippi—It's Like Coming Home. Placid, dignified, beautiful. Mississippi awaits you with sights to show, stories to tell and decisions to ponder.

21. Mississippi Gulf Beaches. Where the sun is up and the long white beaches beckon with a soft and gentle surf.

Century-old cannon can be seen at the National Military Park, Vicksburg. —Mississippi A & I Board

22. Monteleone Hotel, Louisiana. De luxe accommodations centrally located in the New Orleans' French Quarter.

23. Myrtle Beach and The Grand Strand, South Carolina. A complete guide to all the hotels, motels and activities of South Carolina's Grand Strand.

24. North Carolina. Down home in style. A handsome color brochure describing the state from the eastern coast to the western mountains.

25. Ocean Dunes, South Carolina. First class rooms and special golf vacations on South Carolina's Grand Strand.

26. Pinehurst, North Carolina. The Golf Hall of Fame plus six golf courses, swimming, tennis and hiking make this a *must* place to visit.

27. Pier 66 Hotel And Marina, Florida. Memories are made when you vacation at this Fort Lauderdale hotel on the Intercoastal Waterway.

28. Sapphire Valley, North Carolina. Swimming, golf, tennis and hiking at a resort community.

29. Shreveport/Bossier, Louisiana. Be our guest and experience the fine hospitality of one of Louisiana's most interesting cities.

30. South Carolina. A free 64-page full color book highlighting South Carolina vacation destinations, with a free highway map.

31. St. Louis Hotel, Louisiana. A traditionally French atmosphere and deluxe accommodations in New Orleans' French Quarter.

32. Tennessee. We have a lot in store for you—golf, fishing, state parks. Maps and guides to each of these.

33. Tryon Seville Motel, South Carolina. Have fun and relax at this family resort on Ocean Drive on the coast of South Carolina.

34. Virginia. There's plenty to do and see in this interesting state and the *Virginia Travel Planner* has guides and maps to it all.

Circle the number of each booklet you want. Add $1 for postage and handling. Do not send stamps. Allow up to 4 weeks for delivery. Mail to: HOUSE & GARDEN, Dept. 3A, Box 3579, Grand Central Station, New York, N.Y. 10017.

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DU PONT

BY RICHARD AND JEAN TAYLOR

The top 10 gas savers of 1980

These cars all average over 30 miles per gallon—40 on the highway—and they come in many sizes and shapes

Fuel economy is on everyone's mind this year when buying a new car, but it seems like each manufacturer has at least five models which are "the most economical in history." Of course, everyone wants a sleek, modern gas-saver that's also smooth, quiet, inexpensive, big enough for a family on vacation, and reasonably indestructible.

Thankfully, the Environmental Protection Agency has rushed to point a path out of this maze of claims. Each year, it tests all the cars for sale in this country and publishes the results in a booklet available free at any new-car dealer. It's called the *Gas Mileage Guide* and allows you to compare the new cars. What the EPA booklet won't tell you, though, is just which car to buy if your primary interest is in fuel economy. After flipping through hundreds of EPA mileage figures, we managed to extract that precious information.

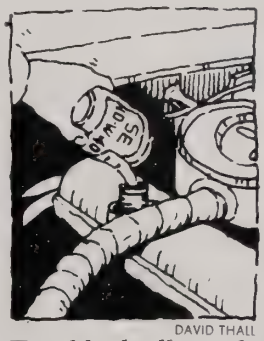
Surprisingly enough, there are actually ten 1980 models which averaged over 30 miles per gallon in the EPA city driving cycle. Any car in this top ten can return better than 40 mpg on the highway. Best of all, while you'd expect these ten all to be tiny economy cars, that's not the case. There are little econoboxes, of course, but there are also sporty coupes, roomy station wagons, luxurious sedans, a convertible, and even two pickup trucks. Some have diesel engines, some have front-wheel drive, and one has an 8-speed transmission (plus 2 speeds in reverse). Prices range from less than $4,000 to more than $10,000, with an average around $6,000. The only things common to all ten are small 4-cylinder engines and unbelievable fuel economy.

Volkswagen Rabbit Diesel: 42 mpg. The most economical car sold in America is Volkswagen's Rabbit Diesel. Conveniently enough, it's also considered by many experts to be the best sub-

Continued on next page

CAR CARE: THE OIL CHECK

Your car needs periodic checkups to make sure it has enough oil. Oil lubricates and coats the moving parts inside the engine. Even the best new cars can use a quart of oil every 1,000 miles or so. If it's not replaced, the engine can seize up. Don't rely on the dashboard oil pressure light to warn you, either. It tells you when you've already run low, by which time it's usually too late.



DAVID THALL

To add oil, all you do is punch the can with the spout and pour.

You should know that the same oil service stations sell for $1.25 per quart is available in supermarkets for 75¢. Most oil cans are covered with enough letters and numbers to play Scrabble, but once you know the code, it all makes perfect sense. Oil is tested by the American Petroleum Institute and graded into five levels. SA is the lowest grade oil, SE the highest. SA through SD are for things like lawn mowers, industrial engines, and antique cars. *The only oil you should ever put in your car is "API Service Classification SE."* All SE oil also meets the requirements for SC and SD, so most oil cans read "meets SC-SD-SE."

Oil is graded by the Society of Automotive Engineers for viscosity. Water has a low viscosity; maple syrup has a high viscosity. You need oil with a low viscosity for high-speed driving. "Multigrade" oil behaves like water at low temperatures, like maple syrup at high temperatures. The most common multigrade oil is "SAE 10W-40," for use when the air temperature is between 0 and 100 degrees Fahrenheit. In the middle of a Wisconsin winter, you might need "5W-30"; in Arizona in the summer you could use "20W-50"; but most cars need "SAE 10W-40" oil.

Step 1: The only tools you need to check your car's oil level are two paper towels. Open the hood and look inside. On one side of the engine (usually the right), low and halfway back, you'll see a heavy wire loop sticking up. This is the oil dipstick. Your owner's manual should have a picture that tells you how to find the dipstick if it's not immediately obvious, or you can ask a gas station attendant to help you the first time. Fold one paper towel and use it like a potholder and pull the dipstick straight out of the engine. It will be 1 to 2 feet long, ¼ inch wide, and dripping oil from the other end. Use the second towel to wipe off all the oil.

Step 2: Replace the dipstick in the small tube and push it all the way down. Now pull the dipstick out a second time, and hold the oily end over the second paper towel. Near the oil end will be two marks. If they're labeled, the upper one says "Full," the lower "Add." The oil from the engine, clinging to the dipstick, will leave a "high water mark" between the two. This can sometimes get smeared as you remove the dipstick, so you might have to clean it off and try again.

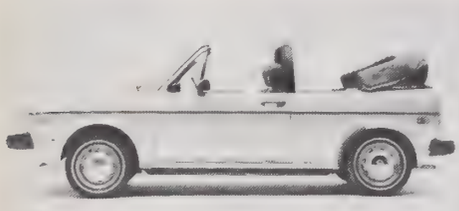
Step 3: If the oil level is between "Add" and "Full," everything is fine. If the oil level is down to "Add," 1 quart of oil will bring it back up to "Full." If the oil on the dipstick is honey-colored or translucent light brown, it's fine. If it's dark brown or black, you need an oil change. Replace dipstick securely.

Step 4: To add a quart of oil to your engine, you need either a spout made specially for the purpose (89¢ at the supermarket) or a can opener and a kitchen funnel. The oil filler hole is usually on top near the front of the "valve cover," the long smooth top of the engine. Sometimes there will be a special oil filler tube sticking up from the front of the engine (it's about an inch in diameter with a fat round cap on top). Look in your manual or ask the attendant if you can't find it the first time. Twist the cap off the filler hole, and either punch the special spout into the can and pour, or use your can opener and funnel. The nice thing about the special oil can spout is that it is made to balance the can upside down while the oil drains out so you don't have to hold it.

Step 5: It will take a minute for all the oil to pour out; then twist the filler cap back on, and wipe off any spills. Get in the habit of checking the oil level once a week or every time you stop for gas. It only takes a second to look at the dipstick and can save you a fortune in expensive engine repairs.

continued from preceding page

compact car in the world. The front-wheel drive Rabbit has plenty of room for 4 adult passengers, a hatchback for luggage, a comfortable interior, crisp styling, and impeccable handling, braking, and cornering. The underpowered Rabbit Diesel accelerates even more slowly than an old Beetle to a top speed



Snappy-looking VW Rabbit Convertible

of just 80 mph, but that performance is still adequate for most drivers, and when you're getting 55 mpg at 55 mph, who can complain? The Rabbit Diesel comes in a satisfyingly wide variety of styles. There are three different levels of interior trim, three different transmissions (automatic, 4-speed, or 5-speed), and all the normal options from air conditioning to a fancy radio. Volkswagen is also one of the few automakers to offer automatic seat belts which lock around you when you enter the car. The Rabbit Diesel is available as a 3-door or 5-door that's already been declared the "in" car of the '80s. New this year is a pickup-truck version of the Rabbit Diesel, which looks much the same and gets equally good mileage (40 mpg city, 53 mpg highway), but can carry all sorts of heavy loads in a 7-foot bed. A plain-vanilla Rabbit Diesel costs at least $6,000, but by the time you add the options everyone expects, it will be more like $7,500. The fashionable convertible, custom-built by Karmann, is nearly $9,000, while the pickup can cost over $10,000.

Volkswagen Rabbit Diesel, 42 mpg EPA city. Base price: $6,255. Length: 12.9 feet. Engine: Inline-4 diesel, 48 hp, front-wheel drive. Seats: 4. Warranty: 12 months/20,000 miles. Dealers: 1,080.

Dodge Colt/Plymouth Champ: 34 mpg. Chrysler's Colt/Champ has been so well received that Mitsubishi—which actually builds these cars in Japan—has been considering marketing the cars over here on its own. The Colt/Champ is very stylish for an econobox, with big windows, bright colors, and smooth, aerodynamic lines. It's also the quickest accelerating and fastest of all these gas-saving cars, which helps make it fun to drive. The Colt/Champ seems very solidly built for such a small, lightweight car, and it comes with a nice "sport" package of options. These cars are available with either 4-speed or automatic transmissions, but they've become famous for their "Performance/Economy Stick," a 4-speed transmission with a dual-range final drive controlled by a second shift lever. In "performance," you go zipping off ahead of traffic; in "economy" you get 37 mpg in the city and 45 on the highway. If you're a demon about shifting, you can use all 8 speeds forward and 2 in reverse. A Colt/Champ costs about $5,000.

Dodge Colt/Plymouth Champ, 37 mpg EPA city. Base price: $4,450. Length: 13 feet. Engine: Inline-4, 80 hp, front-wheel drive. Seats: 4. Warranty: 12 months/12,000 miles. Dealers: 2,253 (Dodge and Plymouth combined).

Sleek Dodge Colt Hatchback

Honda Civic: 36 mpg. Jean just bought a Honda Civic hatchback, so we have definite opinions about this car. Why did she choose it? Well, the Civic has front-wheel drive, a definite advantage in snowy New York winters. It also has an excellent reputation for reliability, as well as the lowest owner warranty

Continued on page 83

SAVE $50*

on this Kenmore gas grill

*This is the minimum savings nationally. Regular prices vary in some markets.

Another super value from Sears. Kenmore gas grill now only $199.95. Save $50. Sale ends March 29.

1 REVERSIBLE SPLIT GRID
Channels grease away from flame to help avoid flareups

2 TWIN CONTROLS
Flames on either side of grill adjust separately to cook at two temperatures.

3 MATCHLESS STARTER
Simply turn on gas and twist. No messy fluids

4 DOUBLE BURNER
Distributes flames for even cooking. Stainless steel resists rust

Now $199.95

Price includes warming rack, grill head, portable base, lava briquettes, 20-lb. LP tank (fuel not included), hose and fitting

Kenmore. Solid as Sears

Model #23597

Prices and dates may vary in Alaska and Hawaii. Available in most Sears retail stores. ©Sears, Roebuck and Co. 1980

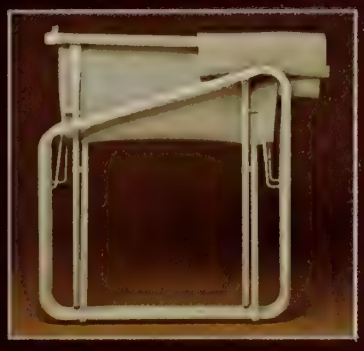
This advertised item is readily available for sale as advertised

Nomad.® From the Brown Jordan® collection.

Brown Jordan

Award-winning Nomad is designed for an active all-year indoor or outdoor life. Equally at home in contemporary apartments or traditional patios. Chair backs swivel for lounging or dining. Seat and back slings can be changed at home. And every chair, table and chaise folds neatly for carrying or storage. The welded tubular aluminum frames have a baked enamel finish. Nomad—in design and quality it's pure Brown Jordan. And that says it all.

At leading stores and interior designers. Write for a free brochure or send $3 for a 64-page catalog and the name of your nearest dealer: Brown Jordan, Dept. NM, Box 5688, El Monte, CA 91734.



THE PURINA CAT CHOW "CALENDAR CAT SWEEPSTAKES"™

ENTER YOUR CAT IN THE 1981 CAT CHOW CALENDAR SWEEPSTAKES AND YOU COULD WIN $25,000 IN CASH. LIKE LAST YEAR'S CAT.

All year long, your cat's been primping, planning and practicing the Chow Chow Chow™ in anticipation. And now he's ready and waiting — waiting for you to enter this year's fabulous Calendar Cat Sweepstakes!

Because if he's the lucky winning cat, he'll be the star of our all-new 1981 Cat Chow Calendar. And *you'll* win $25,000 in cash!

To enter, just fill out the Entry Form and mail it in. Or clip them from packages of Purina® Cat Chow® cat food — Original Blend™, Country Blend™ and New Ocean Blend™. We'll even help get you started with our 15¢ off coupon. And if you like, you can tell us about your special cat, or enclose a snapshot.

Winner will be selected from a random drawing of all entries, so enter as often as possible! No purchase required.

What are you waiting for? Enter your cat in the Purina Cat Chow Calendar Cat Sweepstakes today! Hurry, entries close June 2nd

Gimpy, last year's winner

$130,000 in Prizes

2,510 Winners

1 Grand Prize
— $25,000 in cash

2 First Prizes
— A trip for two to Cheshire, England via London for one week — all expenses paid

3 Second Prizes
— Sony 21" Trinitron remote control color television with Betamax video cassette recorder

4 Third Prizes
— Litton Deluxe "Meal in One" Microwave oven

2,500 Fourth Prizes
— A year's supply of Purina® Cat Chow® cat food — Original Blend,™ Country Blend™ or New Ocean Blend.™

ENTRY FORM

MAIL TO: Cat Chow Calendar Cat Sweepstakes
P.O. Box 7471 Chicago, Illinois 60680

_____ is loaded with personality
(Cat's Name)
and would be a natural choice for the cover of your 1981 Cat Calendar. (I wouldn't mind winning the $25,000 either.) Please enter us in your sweepstakes.

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

Enclose a weight circle from Purina® Cat Chow® cat food or Purina® Kitten Chow® kitten food, or hand-print the words "Calendar Cat Sweepstakes" on a separate piece of paper. If you like, you may include a snapshot of your cat.

See official rules above. Void in West Virginia, Missouri and where prohibited, taxed or otherwise restricted.

STORE COUPON

15¢ **15¢ OFF** 15¢

ANY SIZE PURINA® CAT CHOW® CAT FOOD ORIGINAL BLEND™ COUNTRY BLEND™ OR OCEAN BLEND™

TO THE CONSUMER: Caution: Please don't embarrass your Retailer by asking him to redeem coupons without making the required purchase. He must redeem coupons properly to get his money back. Remember, coupons are good only on the brands called for. Any other use constitutes fraud. Please don't redeem coupons that have expired. **RETAILER:** For payment of face value, plus 5¢ handling, send to Ralston Purina Company, P.O. Box PL1, Belleville, Illinois 62222. Coupon will be paid only if presented by a retailer of our merchandise or a clearing house approved by us and acting for and at the risk of the retailer. Retailer must submit on request invoices proving purchases of sufficient stock within normal redemption cycle to cover the merchandising program represented by coupons presented for redemption. This coupon is nontransferable, nonassignable, nonreproducible and any sales tax must be paid by customer. Offer good only in U.S.A., A.P.O.'s, F.P.O's and void where prohibited, taxed, or otherwise restricted. Cash redemption value 1/20 of 1¢. LIMIT ONE COUPON PER PURCHASE OF ANY SIZE PURINA CAT CHOW CAT FOOD, ORIGINAL BLEND, COUNTRY BLEND OR OCEAN BLEND. ANY USE NOT CONSISTENT WITH THESE TERMS CONSTITUTES FRAUD AND MAY VOID ALL COUPONS SUBMITTED FOR REDEMPTION

COUPON EXPIRES 3/31/82

269E CT 269E

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OFFICIAL RULES

No Purchase Necessary

1. Hand-print your name, address, zip code and the name of your cat on a "Calendar Cat" Sweepstakes Entry Blank or use 3" x 5" plain paper. Include a weight circle from a Ralston Purina Cat Chow® or Kitten Chow® cat food or hand-print the words "Calendar Cat Sweepstakes" on 3" x 5" plain paper.
2. Enter as often as you wish but mail each entry separately to:
   Cat Chow Calendar Cat Sweepstakes
   P.O. Box 7471.
   Chicago, Illinois 60680
3. Sweepstakes closes June 2, 1980. Entries must be received by June 9, 1980. Entries become the property of Ralston Purina Company. None will be returned.
4. All prizes will be awarded. Total retail value of 2,510 prizes offered is $130,000. If a prize is not generally available at sweepstakes end, a substitute of equal or greater value will be made, otherwise no prize substitutions or transfers. Winners will be drawn at random by Product Exposure, Inc., independent judging firm. Odds of winning are determined by the number of qualifying entries received. Judges' decision is final.
5. Sweepstakes open to all cat owning residents of the United States except where prohibited, restricted or taxed by law. Employees (and their immediate families) of Ralston Purina Company, its affiliated companies, its advertising and promotion agencies and judging organizations are not eligible. Winners may be required to execute an affidavit of eligibility and release. One prize per person. All taxes are winners' responsibility. Trip(s) must be taken before July 1, 1981. Travel accommodations are by sponsor's choice. For list of Grand, First, Second and Third prize winners, send stamped addressed envelope to Cat Chow Sweepstakes c/o Product Exposure, Inc. 11 East Hubbard St., Chicago, IL 60611. Do not send entries to this address.

For your pet's health...
see your veterinarian regularly

© Ralston Purina Co., 1980

continued from page 80

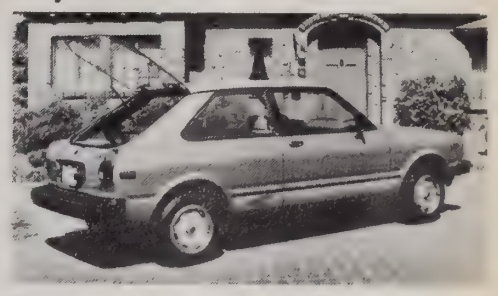
claims of any car sold in America. It's the shortest car you can buy, for easy parking, but has a surprising amount of room inside. (Rich can drive it comfortably, and he's a 6-footer; groceries stack easily in the rear hatchback.) It seems to be very well finished, but there is a very limited choice of colors—three paint and two interior. The Civic also turned out to be between $500 and $1,000 less than any comparable car. Unlike most other small cars, the Civic is available as a 4-door station wagon, which could solve a problem for families who need more space (it's rated at only 31 mpg, however). The Civic comes in three levels of trim, with a choice of three different transmissions and two engines. We recommend the 5-speed and 1,500cc engine, because you lose 7 mpg with the automatic, according to the EPA. The 5-speed also fits better with the sporty personality of the car. The Civic accelerates nearly as quickly as the Colt/Champ and faster than anything else in this group; it cruises easily on the highway in overdrive fifth, and it has excellent brakes and good handling. The Civic is also easy and fun to drive.

Honda Civic, 36 mpg EPA city. Base price: $3,699. Length: 12.2 feet. Engine: Inline-4, 55 hp, front-wheel drive. Seats 4. Warranty: 12 months/12,000 miles. Dealers: 720.

Volkswagen Dasher Diesel: 36 mpg. The Dasher is the biggest, most luxurious car in the EPA's Top Ten. Most of its expensive imported competitors have excellent performance with quick acceleration and a top speed of over 100 mph, but deliver only 20–25 mpg. The Dasher Diesel, on the other hand, will go no faster than 79 mph and accelerates slowly, but there's no other car anywhere near this level of size and luxury which can roll 46 miles down the highway on a gallon of fuel—so perhaps it's all worth it. The Dasher Diesel comes as a sporty, 2-door hatchback, a 5-door hatchback sedan, and a 4-door station wagon. All three models are available with 4-speed or automatic transmissions, as well as a variety of fancy interiors (including real leather), lovely metallic paint colors, and every conceivable option. Like the Rabbit, the Dasher is a victim of the dollar/Deutsch mark devaluation—a well-equipped Dasher Diesel could cost over $10,000.

Volkswagen Dasher Diesel, 36 mpg EPA city. Base price: $8,110. Length: 14.4 feet. Engine: Inline-4 diesel, 48 hp, rear-wheel drive. Seats: 5. Warranty: 12 months/20,000 miles. Dealers: 1,080.

Toyota Tercel: 33 mpg. The brand-new Tercel is the least-expensive 1980 car, with a base price of just $3,700. It has front-wheel drive—a first for Toyota—and handles well, with performance comparable to other more expensive econoboxes like the Datsun 210 and Mazda GLC. The Tercel can be fitted with a 4-speed, 5-speed, or automatic transmission, and like all Toyotas comes in a wide choice of colors and interior trim levels, with sporty options like wide alloy wheels and fat tires.



Toyota's economical Corolla Tercel

Toyota Tercel, 33 mpg EPA city. Base price: $3,698. Length: 13.3 feet. Engine: Inline-4, 60 hp, front-wheel drive. Seats: 4. Warranty: 12 months, 12,000 miles. Dealers: 1,152

Subaru DL: 32 mpg. Subaru's success is a Cinderella story. It started in this market less than a decade ago, and now Subaru's the number-five imported car, with a priceless reputation for reliability. For 1980, the entire Subaru line of coupes, sedans, station wagons, and pickup trucks has been restyled to make them look much like Honda's Accord—which is to say, among the prettiest of all small cars. The front-wheel-drive chassis is the same as always, which means the

Continued on next page

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YOU AND YOUR CAR

continued from preceding page

new Subarus should be just as reliable as the old ones. The most economical model around town, according to the EPA, is the DL 4-door sedan or hatchback, with 4-speed transmission, but the 5-speed gets better highway mileage and is much quieter on the road. Subaru offers all the normal options, as well as 4-wheel drive on all its models. The EPA's gas mileage figures aren't as high for the 4-wheel drive models, but they're still high enough to make these far and away the most economical 4-wheel-drive vehicles in the world.

Subaru DL, 32 mpg EPA city. Base price: $4,998. Length: 13.7 feet. Engine: Flat-4, 67 hp, front-wheel drive. Seats: 4. Warranty: 12 months/12,000 miles. Dealers: 700.

Datsun 210/310: 31 mpg. Last year Datsun redesigned its smallest cars, the B-210 and F-10, into the new 210 and 310. These 1980 versions are a thousand times better. Most new small cars are front-wheel drive, but the Datsun 210 is more like a miniaturized full-size car. It has a regular gasoline engine under the hood driving the rear wheels, and it comes as a 2-door sedan, 4-door sedan, 3-door hatchback, or 5-door station wagon. All of them have crisp, space-efficient styling. Our favorite is the snappy little station wagon which costs around $5,000, returns almost 50 mpg on the highway, and can easily serve as the only car for a family of four. Datsun's interiors are quite plush for this class of car, however, with velours and patterns in contemporary colors. The automatic transmission only wastes 3 mpg compared to the economical 5-speed, so this is a good car to choose if you can't drive a stick shift. The Datsun 310 is a sportier package that comes as a coupe or hatchback. This car does have front-wheel drive, which is an advantage, but the nearly identical 210 has more space inside, comes with a much greater choice in colors, body styles, and options, and costs significantly less. We'd pick the 210 over the 310, even though it means giving up the advantage of front-wheel drive.

Datsun 210/310, 31 mpg EPA city. Base price $3,749 (310, $4,689). Length: 13.7 feet. Engine: Inline-4, 65 hp, rear-wheel drive (310, front-wheel drive). Seats: 4. Warranty: 12 months/12,000 miles. Dealers: 1,077.

Datsun 510: 31 mpg. The 510 is Datsun's wonder car. It's considerably larger inside and out than the tiny 210 and has a 50-percent-larger engine for performance that's the equal of many 2-liter sports cars. But even though the 510 is much larger and more luxurious throughout, it still has fuel economy identical to the smaller Datsuns and a price that's just slightly higher. There's nothing about a 510 that would make it unsuitable as a family's sole transportation. It comes as a 2-door coupe, 3-door hatchback, 5-door hatchback, and 5-door station wagon that look and feel surprisingly similar to the more expensive Volkswagen Dasher Diesel, but with much livelier performance. A 510 costs less than $6,000, and since the optional automatic transmission wastes only 3 mpg, it's a sensible buy if you must have an automatic. A 5-speed station wagon with the deluxe interior is the best all-around buy and our favorite family car of the EPA's Top Ten.

Datsun 510, 31 mpg EPA city. Base price: $5,289. Length: 14.1 feet. Engine: Inline-4, 92 hp, rear-wheel drive. Seats: 5. Warranty: 12 months/12,000 miles. Dealers: 1,077.

Renault Le Car: 30 mpg. Renault's front-wheel-drive Le Car is an unusual econobox. It's tiny, lightly built, not very fancy, and not as economical as other, larger cars in this group. But Le Car has a marvelous suspension system which gives a smoother ride than any other small car, a huge sunroof which makes it the next best thing to a convertible, a roomy interior that seems larger than the car itself, and surprisingly zippy performance from an engine that's really no bigger than a breadbox. There is only one body style, a 3-door hatchback, and choices in options and colors are somewhat limited.

Renault Le Car, 30 mpg EPA city. Base price: $4,269. Length: 12.2 feet. Engine: Inline-4, 60 hp, front-wheel drive. Seats: 4. Warranty: 12 months/12,000 miles. Dealers: 672 (Renault and AMC combined).

Mazda GLC: 30 mpg. Mazda has completely revamped its line of cars over the past few years, and every last one of them now has the reputation for being reliable, pretty, economical, and inexpensive in comparison to the other cars in its class. The GLC is the smallest car Mazda makes and comes as a 3-door or 5-door hatchback or 5-door station wagon. There's a special Sport version with a luxury interior, big tires and wheels, and bright, youthful colors. The GLC doesn't have front-wheel drive or a diesel engine, and tied only for 10th place in fuel economy. On the other hand, you can buy a GLC for less than $5,000 fully equipped, the automatic transmission exacting only a 3 mpg penalty over the 5-speed, and this smallest Mazda seems as well finished as any car in this group. It handles and brakes well, especially in the Sport version, and the pleasantly rounded styling—almost a carbon copy of Chevrolet's Chevette—is unobtrusively American.

Mazda GLC, 30 mpg EPA city. Base Price: $3,695. Length: 12.8 feet. Engine: Inline-4, 65 hp, front-wheel drive. Seats: 4. Warranty: 12 months/12,000 miles. Dealers: 751. ■

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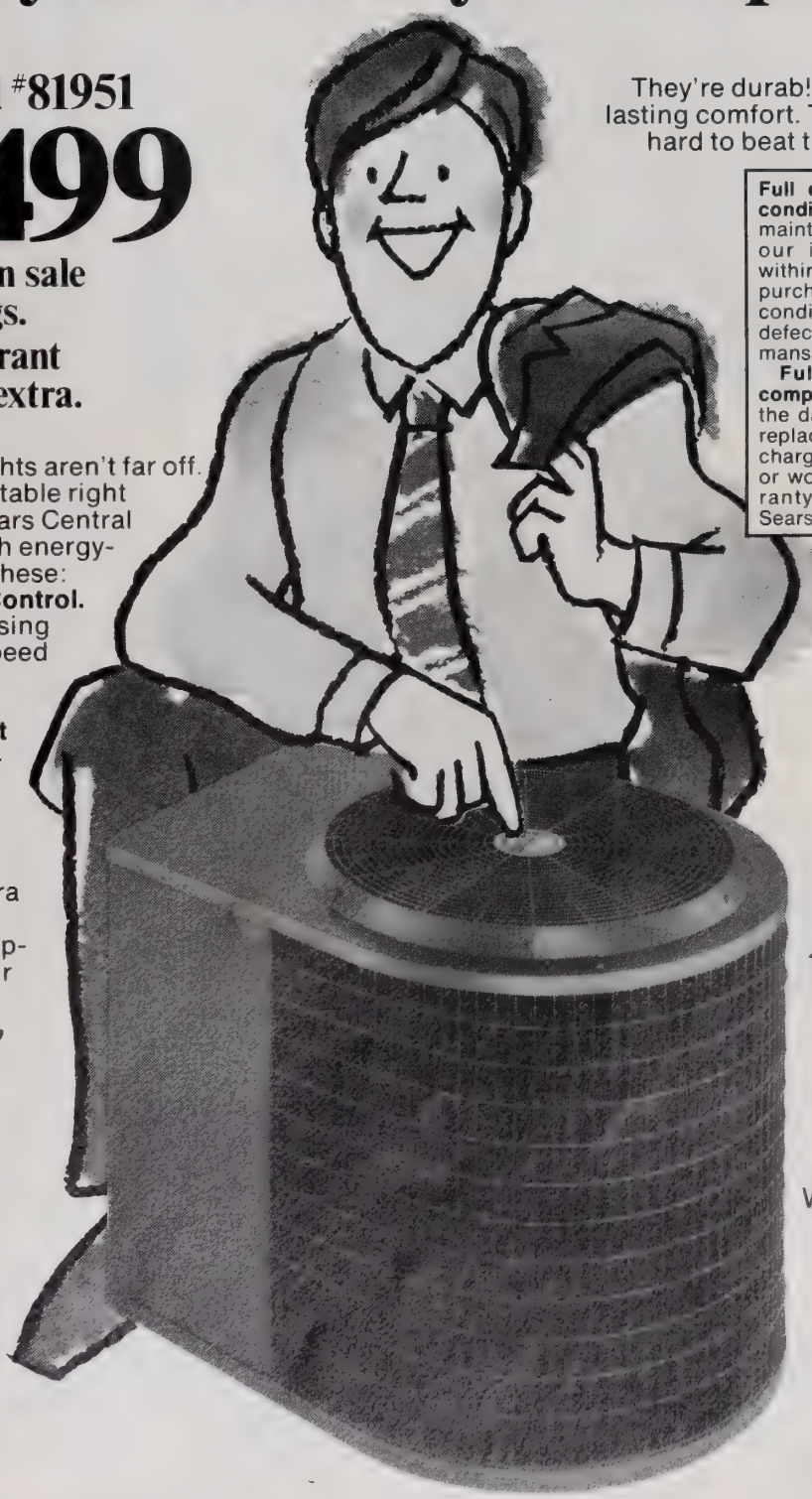

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Full one-year warranty on air conditioner. When installed and maintained in accordance with our instructions, Sears will, within one year from the date of purchase, repair the central air conditioner, free of charge, if defective in material or workmanship.

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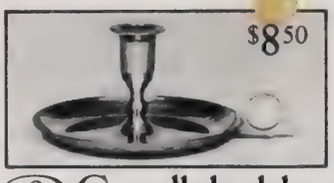

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Continued on page 94

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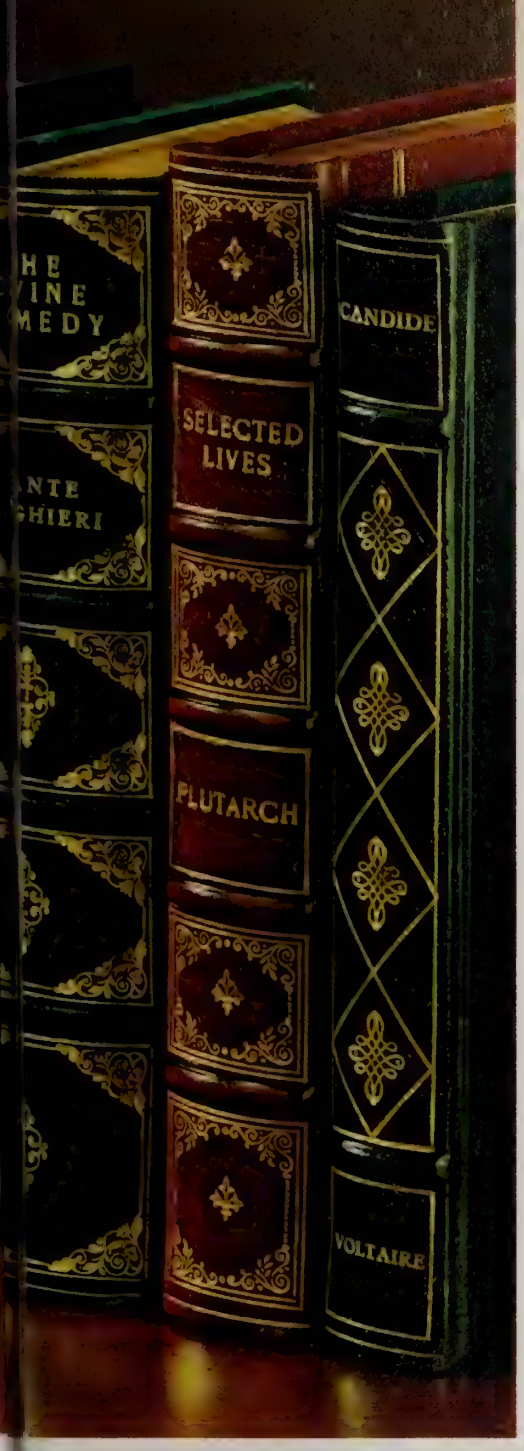

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Our "Habitat" Collection (pictured here) is a good example. Made from pecan solids and pecky pecan veneers, and recessed brass-finished castings and accent trim, its design is reminiscent of the classic "Campaign" look—made famous by the British Army over a century ago.

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HAPPY HOUSEKEEPER

BY MARY ELIZABETH FALTER

Inventive ways to make your everyday tasks easier, plus other quick tips

Discarded luffa bath scrubbers or mitts are very good cleaners for bathroom fixtures. Because of their rough texture, you rarely need a harsh cleaner—just a few drops of liquid cleaner, some warm water, and a swish with the luffa.

A highly effective **fragrance-free freshener** comes in a round white plastic case about 3 inches in diameter with no markings or decoration on it. It either rests on a flat surface or sticks to the wall by means of its own little adhesive patch. By Airwick, it's called a "Stick Up," and it works on the activated-charcoal filter principle. To start one, you simply pull it open and put it in place. They come two to a package and each lasts 60 days. A good way to remember to change them is to keep one in the refrigerator (where they are marvelous) and mark the date you installed it on top of the case. At the same time, tuck a few others around the house—they'll keep things fresh and never be noticed.

To help your family be sure if the dishes in the dishwasher have been washed, have a "Dish-Tel" on the front of the dishwasher. It's magnetic and one side says "dirty," the other, "clean." If you turn it to "clean" when you start the machine (and to "dirty" when you empty it), everyone in the family will know the score.

Lingerie or wool-washing solution is **an excellent cleaner for jewelry.** Just have a small bowl of a stronger-than-usual solution of the liquid wash mixed in warm water and soak the jewelry for about 10 or 15 minutes. Rinse with hot water, pat dry with paper towels, then buff with an old handkerchief.

A delicious one-dish meal begins with 2 well-trimmed Frenched lamb chops per serving. Brown them and put them in the bottom of a roomy casserole. Peel and quarter half a potato and 2 carrots per serving and parboil 5 minutes. In the meantime, brown 2 or 3 quartered onions and a large green pepper that has been seeded and cut into wide strips. Add the carrots and potatoes to the casserole, then the peppers and onions, seasoning each layer with salt and pepper. Finally, pour a large can of tomatoes over everything and bake uncovered in a 350 degree oven for 1 hour. Add more tomatoes if it starts to dry out. Correct seasoning, thicken slightly if desired and serve in deep soup plates with crusty bread and a salad.

SOMETHING ABOUT VIRGINIA'S BEACHES ATTRACTS VISITORS IN WAVES.

They stretch north and south to a golden infinity, over one hundred and twenty miles of some of the best beaches in America. Here are public beaches, secluded beaches, tiny islands and seaside gardens. And here is Virginia Beach, the longest resort beach in the world, with great seafood restaurants and lively nightclubs and a summertime art show along the boardwalk. Here, too, is the spot where the earliest permanent settlers first touched the shores of the New World.

When you visit any of Virginia's beaches this summer, you're in for a hot time. And getting here is half the fun. You can stop off along the way at Kings Dominion for the exciting rides and shows. You can discover the magnificent mountains of southwest Virginia. And you can visit Colonial Williamsburg or Old Town Alexandria, and step into the 18th century.

Wherever you begin, whatever you visit in Virginia, you will always be drawn to the sea. Back to the spectacular beaches where visitors have been coming for nearly four hundred years. And where, like the waves, they keep returning again and again.

For free 36-page color vacation guide and brochures on your special travel interests, visit, write or call Virginia State Travel Service.

Dept. 209, 11 Rockefeller Plaza, New York 10020, phone (212) 245-3080.

Dept. 209, 6 North Sixth Street, Richmond 23219, phone (804) 786-4484.

Dept. 209, 906 17th St., N. W., Washington 20006, phone (202) 293-5350.

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City _____

State/Zip _____

Virginia is for lovers.

COLOR HEADQUARTERS

continued from page 86

Los Angeles ..... The Broadway
Modesto ..... Weinstock's
Newport ..... The Broadway
Oakland ..... Capwell's
Plaza ..... The Broadway
Pleasant Hill ..... Breuner's
Richmond
  Hilltop ..... Capwell's
Sacramento ..... Weinstock's
San Carlos ..... Breuner's
San Francisco ..... Macy's
San Ramon ..... Breuner's
Santa Rosa
  North ..... Breuner's
  South ..... Breuner's
Sherman Oaks ..... The Broadway
Stockton ..... Breuner's
Vallejo ..... Breuner's
Walnut Creek ..... Capwell's

Colorado
Aurora ..... The Denver
Boulder ..... The Denver
Cherry Creek ..... The Denver
Colorado Springs ..... The Denver
Denver ..... The Denver
Englewood ..... The Denver
Foothills ..... The Denver
Greeley ..... The Denver
Lakeside ..... The Denver
Northglen ..... The Denver
Pueblo ..... The Denver
Southglen ..... The Denver

Connecticut
Enfield Square ..... G. Fox & Co.
Hartford ..... G. Fox & Co.
Meridan
  Meridan Square ..... G. Fox & Co.
Naugatuck ..... G. Fox & Co.
  Naugatuck Valley Mall
New Haven ..... Macy's
Trumbull ..... G. Fox & Co.
West Farms
  West Farms Mall ..... G. Fox & Co.

Delaware
Wilmington ..... Strawbridge & Clothier

District of Columbia
Washington ..... Woodward/Lothrop

Florida
Altamonte Springs ..... Burdines
Boca Raton ..... Burdines
Bradenton ..... Maas Bros.
Clearwater ..... Burdines
Dadeland ..... Burdines
Daytona Beach ..... Ivey's
Ft. Lauderdale ..... Burdines
Ft. Meyers ..... Maas Bros.
Gainesville ..... Maas Bros.
Hollywood ..... Burdines
Jacksonville ..... Ivey's
  Orange Park ..... Ivey's
  Regency Square ..... Ivey's
  Roosevelt Mall ..... Ivey's
Lakeland ..... Maas Bros.
Merritt Island ..... Ivey's
Miami ..... Burdines
Miami Beach ..... Burdines
Naples ..... Maas Bros.
Orlando ..... Burdines
Pinellas Park ..... Ivey's
Plantation ..... Burdines
Pompano ..... Burdines
Sarasota ..... Burdines
St. Petersburg ..... Maas Bros.
Tampa ..... Maas Bros.
Westland ..... Burdines
West Palm Beach ..... The Pioneer Co.
Winter Haven ..... Maas Bros.
Winter Park ..... Ivey's

Georgia
Atlanta ..... Rich's
  Belvedere ..... Rich's
  Cumberland Mall ..... Rich's
  Greenbriar ..... Rich's
  Lenox Square ..... Rich's
  Perimeter Mall ..... Rich's
Cobb Center ..... Rich's
Decatur
  North DeKalb ..... Rich's
  South DeKalb ..... Rich's

Hawaii
Maui ..... Nerland's

Illinois
Calumet City
  River Oaks ..... Marshall Field & Co.
Cherry Vale ..... Marshall Field & Co.
Chicago
  State Street ..... Marshall Field & Co.
  Water Tower Place ..... Marshall Field & Co.
Evanston ..... Marshall Field & Co.
Fox Valley ..... Marshall Field & Co.
Hawthorne Center ..... Marshall Field & Co.
Lake Forest ..... Marshall Field & Co.
Louis Joliet ..... Marshall Field & Co.
Mayfair ..... Marshall Field & Co.
Oakbrook ..... Marshall Field & Co.
Oak Park ..... Marshall Field & Co.
Old Orchard ..... Marshall Field & Co.
Orland Square ..... Marshall Field & Co.
Park Forest ..... Marshall Field & Co.
Springfield
  Bressmers ..... Stix, Baer & Fuller
  White Oaks ..... Stix, Baer & Fuller
Woodfield ..... Marshall Field & Co.
Yorkville ..... Yorkville Appliance & Furniture

Indiana
Castleton ..... Lazarus
Fort Wayne ..... L.S. Ayres
Indianapolis ..... L.S. Ayres
  Glendale ..... L.S. Ayres
  Greenwood ..... L.S. Ayres
  Lafayette ..... Lazarus
  Washington Square ..... L.S. Ayres
Muncie ..... L.S. Ayres
Sound Bend ..... L.S. Ayres

Iowa
Spirit Lake ..... Carpenter Interiors

Kentucky
Florence ..... Shillito's
Lexington ..... Shillito's
Louisville ..... Shillito's

Louisiana
Baton Rouge
  Bon Marché ..... D.H. Holmes
Houma
  Southland ..... D.H. Holmes
New Orleans
  Canal Street ..... D.H. Holmes
  Lake Forest ..... D.H. Holmes
  Lakeside ..... D.H. Holmes
  Oakwood ..... D.H. Holmes

Maine
South Portland ..... Jordan Marsh

Maryland
Annapolis ..... Woodward/Lothrop

Continued on page 97

The Harden Sleepy Hollow Collection is available at these fine retailers:

CONNECTICUT
Danbury ..... Henry Dick & Son
Madison ..... Philip B. Chamberlain Co.
Ridgefield ..... 76 Colonial Gallery
Terryville ..... Terryville Furniture

MAINE
Alfred ..... Folsom's

MARYLAND
Rockville ..... Mastercraft Interiors

MASSACHUSETTS
Agawam ..... Country Squire Furniture
Orleans ..... Nickerson Furniture & Interiors
Sturbridge ..... Sturbridge Yankee Workshop

NEW HAMPSHIRE
Peterborough ..... Derby's, Inc.
Rye ..... The Home Center

NEW JERSEY
Colts Neck ..... Cornelius Cobb, Ltd.
Hanover ..... Furniture Fair
Marlton ..... Harvest House
Menlo Park ..... Colonial Classics
Newton ..... Iliff Furniture
Plainfield ..... Mackie Furniture Co.
Plainfield ..... Villa Furniture
Point Pleasant ..... Johnson's Furniture Mart
Ridgewood ..... J. B. Boyle Company
Somerville ..... Lloyd's Furniture

NEW YORK
Auburn ..... Herbert Bros.
Buffalo ..... F. Scherer & Sons
Canandaigua ..... Grant M. Kennedy & Sons
Central Square ..... Crim's Furniture
Clarence ..... Landmark Furniture
East Aurora ..... Frantz Furniture
East Syracuse ..... E. F. Thresh
Fishkill ..... Hutcheson-Torrent House
Geneva ..... House of Furniture
Johnson City ..... Hancock Furniture
Middletown ..... Crawford Furniture
Mount Kisco ..... Old Colony Furniture
New Hartford ..... Stanley Furniture
New York ..... W. & J. Sloane
Ossining ..... A. L. Myers, Inc.
Oswego ..... Browne-Davis Co.
Pleasant Valley ..... Carlo's Furniture
Port Washington ..... Gordon Schlaefer
Rochester ..... Monroe Cherry House
Spencerport ..... Monroe Cherry House
Springville ..... Witter-Davis
White Plains ..... W. & J. Sloane

PENNSYLVANIA
Chambersburg ..... P. Nicklas Sons, Inc.
Hanover ..... Benford's Furniture
Penns Park ..... Trading Post
Portland ..... Duckloe Bros.
Zelienople ..... Roach & Ziegler, Inc.

RHODE ISLAND
North Kingston ..... McKay's Furniture Co.

VERMONT
Brattleboro ..... Emerson's, Inc.
Winooski ..... Deforge Bros., Inc.

VIRGINIA
Charlottesville ..... Gilmore, Hamm, Snyder
Fairfax ..... Stanis Furniture
Richmond ..... Kenneth Lord Furniture

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continued from page 94

Baltimore
- Golden Ring Mall ..... Stewart & Co.
- Reisterstown ..... Stewart & Co.
- Westview ..... Stewart & Co.
- York Rd. ..... Stewart & Co.

Chevy Chase ..... Woodward/Lothrop
Frederick ..... Hess's
Iverson Mall ..... Woodward/Lothrop
Lake Forest ..... Woodward/Lothrop
Landover Mall ..... Woodward/Lothrop
Montgomery Mall ..... Woodward/Lothrop
Prince Georges ..... Woodward/Lothrop
Timonium ..... Stewart & Co.
Wheaton Plaza ..... Woodward/Lothrop

Massachusetts
Boston ..... Jordan Marsh
Braintree ..... Jordan Marsh
Brockton ..... Jordan Marsh
Burlington ..... Jordan Marsh
Cape Cod ..... Jordan Marsh
Framingham ..... Jordan Marsh
Hyannis ..... Jordan Marsh
Lowell ..... Jordan Marsh
Malden ..... Jordan Marsh
Methuen ..... Jordan Marsh
Peabody ..... Jordan Marsh
Worcester ..... Jordan Marsh

Michigan
Ann Arbor ..... J.L. Hudson
Dearborn ..... J.L. Hudson
Detroit ..... J.L. Hudson
Eastland ..... J.L. Hudson
Fairlane ..... J.L. Hudson
Flint ..... J.L. Hudson
Grand Rapids ..... J.L. Hudson
Harper Woods ..... J.L. Hudson
Lakeside ..... J.L. Hudson
Northland ..... J.L. Hudson
Novi ..... J.L. Hudson
Oakland ..... J.L. Hudson
Pontiac ..... J.L. Hudson
Saginaw ..... J.L. Hudson
Southland ..... J.L. Hudson
Taylor ..... J.L. Hudson
Troy ..... J.L. Hudson
Westland ..... J.L. Hudson

Minnesota
Burnsville ..... Dayton's
Duluth ..... Arrowhead Home Furnishers
Edina
- Southdale Center ..... Dayton's

Minneapolis ..... Dayton's
- Brookdale Center ..... Dayton's
- Brooklyn Center ..... Dayton's

Minnetonka ..... Dayton's
- Ridgedale Center ..... Dayton's

Rochester
- Apache Mall ..... Dayton's

Roseville ..... Dayton's

Mississippi
Metrocenter ..... D.H. Holmes

Missouri
Kansas City
- Independence ..... Stix, Baer & Fuller
- Oak Park ..... Stix, Baer & Fuller
- Ward Parkway ..... Stix, Baer & Fuller

St. Louis
- Chesterfield ..... Stix, Baer & Fuller
- Crestwood ..... Stix, Baer & Fuller
- Jamestown ..... Stix, Baer & Fuller
- Northwest Plaza ..... Stix, Baer & Fuller
- Riveroad ..... Stix, Baer & Fuller
- Westroads ..... Stix, Baer & Fuller

Nebraska
Gateway ..... Miller & Paine
Grand Island ..... Miller & Paine
Lincoln ..... Miller & Paine

Nevada
Reno ..... Weinstock's
Las Vegas ..... Breuner's

New Hampshire
Bedford ..... Jordan Marsh

New Jersey
Bernardsville ..... Greenbaum Brothers
Cherry Hill ..... Strawbridge & Clothier
Echelon ..... Strawbridge & Clothier
Morristown ..... Greenbaum Country Mile House
Menlo Park ..... Bamberger's
Monmouth ..... Bamberger's
Paterson ..... Greenbaum Brothers

New Mexico
Albuquerque ..... American Furniture

New York
Albany ..... Mayfair Home Furnishings
Bay Shore ..... Macy's
Colonie ..... Macy's
Flatbush ..... Macy's
Huntington ..... Macy's
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Kings Plaza ..... Macy's
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New York ..... Macy's
Parkchester ..... Macy's
Queens ..... Macy's
Rochester ..... Bayles Furniture
Roosevelt Field ..... Macy's
Smith Haven ..... Macy's
Staten Island ..... Macy's
White Plains ..... Macy's

North Carolina

Charlotte ..... Ivey's
- Cotswald ..... Ivey's
- Charlottetown ..... Ivey's
- Eastland ..... Ivey's
- South Park ..... Ivey's
- Uptown ..... Ivey's

Dunn ..... Belk's
Fayetteville ..... Belk's
Greensboro ..... Belk's
Laurinburg ..... Belk's
Rockingham ..... Belk's
Winston-Salem ..... Belk's

North Dakota

Fargo ..... Dayton's
Grand Forks ..... Dayton's

Ohio

Beldon ..... Higbee's
Cincinnati ..... Shillito's
- Beechmont Mall ..... Shillito's
- Kenwood Mall ..... Shillito's
- Tri-County ..... Shillito's
- Western Woods ..... Shillito's

Cleveland
- Beachwood ..... Higbee's
- Euclid ..... Higbee's
- Parmatown ..... Higbee's
- Randall ..... Higbee's
- Severance ..... Higbee's
- Westgate ..... Higbee's

Columbus
- Eastland ..... Lazarus
- Kingsdale ..... Lazarus
- Northland ..... Lazarus
- Westland ..... Lazarus

Great Lakes Mall ..... Higbee's
Lima ..... Lazarus
Mansfield ..... Lazarus
Midway Mall ..... Higbee's
Richland ..... Lazarus
Toledo ..... La Salle's
- Westgate ..... La Salle's
- Woodville ..... La Salle's

Warren ..... Strouss
Youngstown
- Austintown Plaza ..... Strouss
- Eastwood Mall ..... Strouss
- Liberty Plaza ..... Strouss
- Southern Park Mall ..... Strouss

Oklahoma

Norman ..... Mister Robert, Inc.
Oklahoma City ..... Interior Concepts

Pennsylvania

Allentown ..... Hess's
Ardmore ..... Strawbridge & Clothier
Bethlehem ..... Hess's
Christiana ..... Strawbridge & Clothier
Doylestown ..... Hess's
Easton ..... Hess's
Harrisburg
- Capital City ..... Hess's
- Harrisburg East ..... Hess's

Jenkintown ..... Strawbridge & Clothier
Neshaminy ..... Strawbridge & Clothier
New Castle ..... Strouss
Pittsburgh
- Beaver Valley ..... Gimbels
- Eastland ..... Gimbels
- North Hills ..... Gimbels
- South Hills ..... Gimbels

Philadelphia ..... Strawbridge & Clothier
Plymouth Meeting ..... Hess's
Pottstown ..... Hess's
Quakertown
- Richland ..... Hess's

Scranton
- Viewmont ..... Hess's

Sharon ..... Strouss
Springfield ..... Strawbridge & Clothier
Stroudsburg ..... Hess's
Trexlertown ..... Hess's
Wilkes-Barre ..... Hess's
Williamsport ..... Hess's

Rhode Island

Midland Mall ..... G. Fox & Co.
Warwick ..... G. Fox & Co.

South Carolina

Columbia ..... Rich's

South Dakota

Sioux Falls ..... Dayton's

Tennessee

Chattanooga
- Eastgate ..... Miller's
- Market Center ..... Miller's
- Northgate ..... Miller's

Kingsport ..... Miller's
Knoxville ..... Miller's
- Henley ..... Miller's
- West Town ..... Miller's

Oak Ridge ..... Miller's

Texas

Arlington
- Six Flags Mall ..... Sanger Harris

Beaumont ..... Joske's
Dallas ..... Sanger Harris
- Highland ..... Sanger Harris
- North Richland Hills ..... Sanger Harris
- Preston Center ..... Sanger Harris
- Red Bird ..... Sanger Harris
- Town East ..... Sanger Harris
- Valley View ..... Sanger Harris

Ft. Worth
- Hulen Mall ..... Sanger Harris

Houston
- Gulfgate ..... Joske's
- Northline ..... Joske's
- Post Oak ..... Joske's
- Town & Country ..... Joske's
- Westwood ..... Joske's

Utah

Cottonwood ..... Z.C.M.I.
Ogden ..... Z.C.M.I.
Salt Lake City ..... Z.C.M.I.
University ..... Z.C.M.I.

Virginia

Landmark ..... Woodward/Lothrop
Richmond ..... Thalhimer's
Seven Corners ..... Woodward/Lothrop
Tysons Corner ..... Woodward/Lothrop

Washington

Seattle ..... Nerland's

Wisconsin

Green Bay ..... H.C. Prange
Milwaukee ..... Kunzelmann-Esser Co.

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Libertyville ..... O'Reilly's
Furn
West Frankfort ..... B.F.J. Inte

INDIANA
Cicero ..... Cicero Inte

IOWA
Cedar Rapids ..... Kenwood H
Furn

KANSAS
Overland Park ..... House of
Stanley ..... Dennis Orman Furn

KENTUCKY
Paintsville ..... Maggard's Furn
Richmond ..... Thomas Furn

MICHIGAN
Ann Arbor ..... Advance Inte
Orchard Lake ..... Valentine Furn

MISSOURI
St. Louis ..... Semsar of St. I

NEBRASKA
Scottsbluff ..... Webbers Furn

NEW HAMPSHIRE
Meredith ..... Ippolito's Furn
Com

NEW YORK
Jamestown ..... Ray Ben
Furn

OHIO
Elida ..... Kruse Furn

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Carlisle ..... Early's
Lancaster ..... Interiors
Lebanon ..... Wilbur Z.
McMurray ..... The St.
Furniture

VIRGINIA
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Fredericksburg .... Gallahan's Fur
& App
Radford ..... Radford Fur
Salem ..... Chewning's Int

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Huntington ..... Huntington Who
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NGENIOUS WAYS TO MAKE YOUR LIFE

EASIER

Easy Decorating

laking new look old

ındblast rush-seated, paint- l country chairs to expose ieir woody charm, as Encino esigner Fabrizio Mioni does. andblasting smooths cor- ers, brings out the veins of e wood, and gives an instant ıtique look.

nother tip from Mr. Mioni: o make a new brick fireplace ok old, rub in shoe polish— own on the grout, and a ombination of black, dark d, and brown on the bricks. pply with a rag, sponge, or istle brush.

urniture formulas

iven up an inexpensive ookcase by painting the inte- or a kicky color, trimming lges with half-round strips bamboo, as designer Mario ıatta does.

ove the armoire out of the droom into the living room, here it becomes an all-in-one V-stereo center and bar. om Boston designers Now Then.

ıexpensive ways create cpensive looks

se special-effect wallpapers save time and money, as ng/Robertson does: instead glazed walls, strié papers; tead of a real marble floor, ıx marble paper protected th several coats of polyure- ane.

esigner Karin Weller of ston searches salvage and ecking companies for archi- tural moldings and carved ooden brackets that add ıma and interest to a room.

Bottoms up!

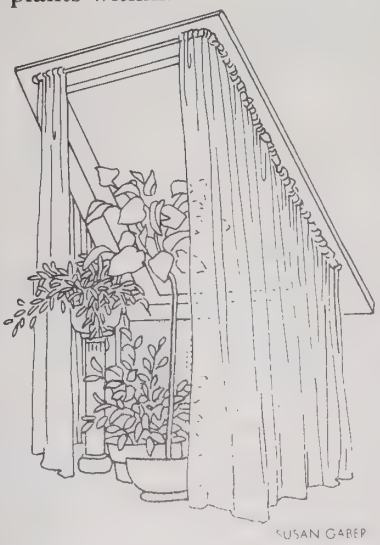
Tatami mats, joined wall to wall, are a quick cover for damaged floors. Fasten with staples or tacks, suggests Dexter Design.

Make a lightweight summer rug from a piece of heavy striped canvas, fringed around the edges and laid over a pad. It's easy, inexpensive, and colorful, says designer Thomas Fleming of Irvine and Fleming.

Wondrous windows

To give windows a natural look, Encino designer Fabrizio Mioni pegs a gnarled eucalyptus branch to the wall above the window, ties on soft fabric panels. Eucalyptus branches are available in the West from firewood suppliers. Elsewhere, substitute any long, sturdy branch.

Turn a dormer window or skylight into a mini-arboretum: Surround it with filmy white curtains, mass green plants within.



SUSAN GABER

To disguise an odd-shaped window on a long wall, curtain it with fabric that matches the wallpaper, with a laminated shade of the same fabric beneath.

For petticoat-like curtain panels, hang 18-inch calico in tiers, top with ruffled valance.

Another pretty idea: a swag of cotton draped over two brackets at the top of the window frame.

White plastic grids that filter fluorescent ceiling lights make interesting window screens, suggests Robin Jacobsen Design. Bond enough 2-by-4-foot panels to fit your window, hang from two hooks attached to the top of the window frame.

Room softeners

Soften the look of a room by rounding its corners, as designer Charles Mount does. Cut tall, fat cardboard tubes into halves or quarters. Fit into the corners, concave side facing the room. Tape edges. Paint to match the walls.

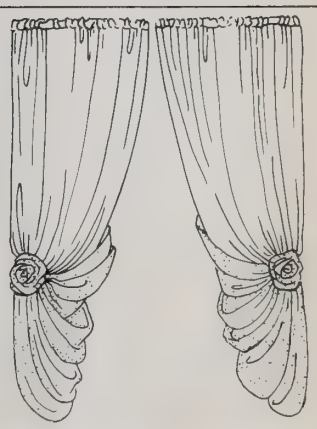
Don't shy away from shirred walls because of the amount of fabric they require (two to three times the length of your wall). Instead, consider inexpensive gauze or scrim from a theatrical supply house, suggests Dexter Design.

Tips for the kitchen

For a fresh look in the kitchen, replace old cabinet doors with airy matchstick roll-ups—pretty in a light-filled kitchen decorated with baskets and red geraniums.

Six easy decorating ideas from Jan Jessup

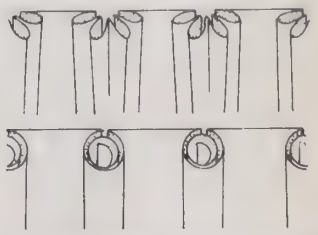
creative director of Calico Corners



A way with windows

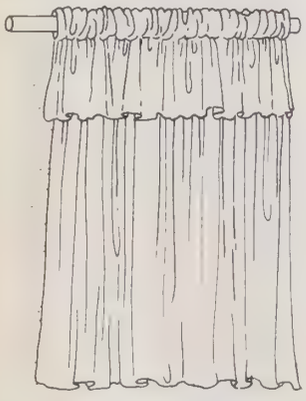
A new look for curtain panels lined with contrasting fabric: Gather the lower half of the inside edge of each panel, creating a rosette. Wrap with a rubber band. With a pushpin, tack back—tent-door style—at each side of the window.

For a soft, romantic look, change pinch-pleated curtains into soft gathered curtains. Just remove the pleats and stitch in a rod pocket. Or alter into tubular cartridge pleats. Remove stitching holding pleats without removing stitching holding tuck of fabric. Stuff tuck with a length of crinoline drapery heading rolled into a tube.



For more easy decorating ideas, turn the page

To insulate drafty windows in a pretty way, make 3-layer window blankets. For the outer layer, facing the room, use any decorative fabric. The layer facing the window is an insulated lining, no heavier than milium; and the middle layer is interlining—a terrific insulator and sound absorber. Stack the decorative fabric, right side up, beneath the interlining, with the insulated lining in between. Stitch around three sides, pillowcase fashion, then turn decorative fabric right-side out and press. Stitch a rod pocket across the open end of the window blanket. Hang beneath curtains, over sliding glass doors or shuttered windows, or by themselves, in the recess of the window. Tie back during sunny days; close on chilly nights.



Instead of making curtains with the usual ruffled heading on top, why not try an upside-down ruffle? Just cut an extra-long heading; flip back over front before stitching the rod pocket.

Wrap-a-lamp

Change the look of lamps by gathering a large napkin-like square of fabric around the lamp base, tying at the top with a silky cord or ribbon. For parties, think of lamps wrapped in shimmering silvery shawls; bandana-tie lamps for children.

Soft walls

Fabric-covered walls are pretty, and add a measure of insulation as well. No furring strips necessary—just staple polyester batting, then fabric, directly to gypsum wallboard. If you fasten with pushpins first, then with a staple gun, you can do the job yourself.

Fresh decorating tips from Marilyn Schafer

House & Garden contributing editor

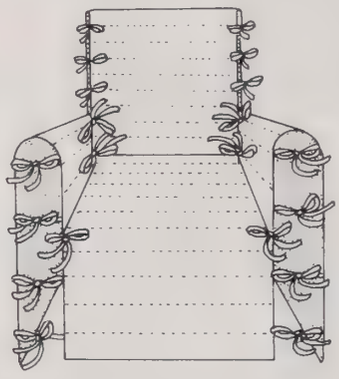
1. Give instant color to your kitchen: Send your cabinets to the body shop. Yes, the same people who revive your car with a bright new coat of paint will often do the same for tired metal cabinets and old refrigerator doors. Try Ferrari red, Mercedes chocolate brown, British racing green. Paint kitchen walls while the cabinets are gone, and you'll soon have a brand-new kitchen mood without thousands of dollars spent.

2. Scallop-shell night lights are easy to make. Buy shells—the kind used to serve Coquilles St. Jacques—in the gourmet food department. Glue a shell to the front of a tiny plug-in night light. For a border of light, plug several into a long outlet strip (often used in kitchens and workrooms) mounted above the baseboards, or just below the ceiling (so shells hang upside down). Shell lights also look pretty around a mirror.

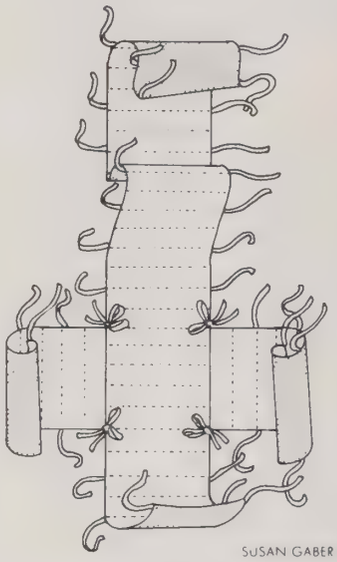
3. A set of bamboo shelves—the kind found in basket import shops—can organize your back door hallway. Buy a set for each member of the family. Hang in a row at eye level. They're a neat catch-all for mittens, lunch to go, schoolbooks, and daily reminders. Paint them in wild, crazy colors (a fun family project). In the kitchen, the same shelves might be a ripening spot for fruit and tomatoes; or they could hold cookbooks, tea canisters, dry cat food, all within easy reach when you need them.

4. The simplest pot rack ever: Mount a wooden 2-by-4 the length of your kitchen, at an easy-to-reach height. Attach hooks or pegs to both sides. Hang pots, air-dried herbs, ropes of onions and garlic, potatoes in bright string bags.

5. Easy slipcovers for chairs: Channel-stitched fabric cut into long strips. One strip should be as wide as the chair, and long enough to cover the back of the chair, come up over the top, and down over the seat to the



floor. Two other strips cover the left and right arms of the chair and fall to the floor. Join strips together where edges meet, with long tape ties sewn on every few inches. (Laid out, the quilted slipcover looks like a cross.)



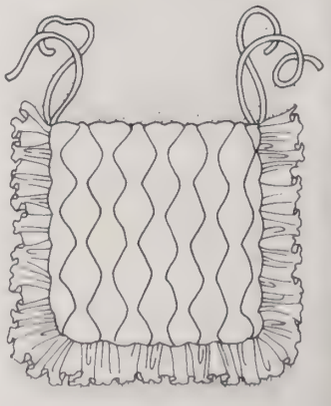
SUSAN GABER

6. Parachute nylon slipcovers are bright, casual-looking, and easy to make. For a pair of bamboo pallet-cots, or raw-wood boxes arranged at right angles, sheath mattress pads with nylon cut like a contour sheet. Miter corners. Thread elastic through corner edges so covers slip over furniture easily. Use more nylon to make "duffle-bag" bolsters (they hold blankets for guests).

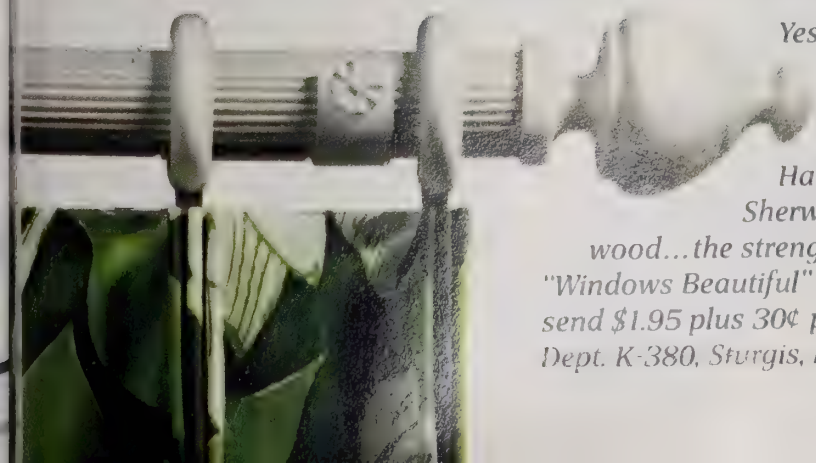
7. If you're saving your money for a brass bed you covet, why not **paint a pretend headboard** on the wall while you wait? Draw your headboard on paper first—how about elaborate wrought iron, or a rustic peasant style?—then transfer to the wall. Paint, or fill in with découpage-style cutouts, glued on with wallpaper paste. A temporary alternative: Sketch your fantasy headboard on heavy paper or cardboard, tack to the wall.

8. Quick curtains: Overlay two lengths of contrasting fabric, each panel a bit wider than the window. Sew rings through both layers, or clip to a long pole with decorative ends—maybe a wood or metal spear. Mount pole on a pair of finials above the window. Pull one panel back with a length of thick braid or cord, and hook lightly over a knob or finial slightly *above* the middle of the window. Pull back the other panel in the same way, hooking its cord slightly *below* the middle of the window on the opposite side. This is a nice way to use fabrics found in your travels—Indian saris, batik panels, Indian "pulkari" panels.

9. Ruffled "pinafore" seat cushions give chairs a crisp summer look. Cut washable white quilted mattress padding to fit chair seats. Edge with a white ruffle made from a bias strip of cotton folded in half lengthwise and gathered along its open edge. Tie to chairs with white cotton strips, sewn through the padding with a carpet needle. More white inspiration for the room: huge white napkins, pull-back curtain swags, a white painted floor stenciled with ferns, or bordered with a row of fat red apples.



You can have beautiful windows.



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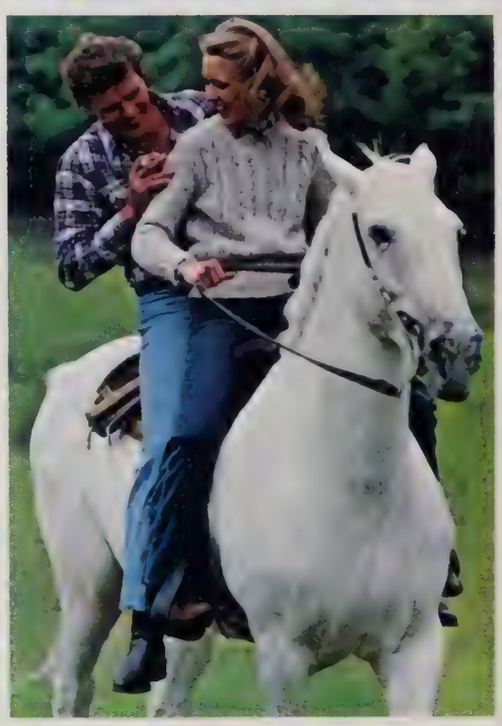

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Are you getting your color vitamins?

What you can do to fill your life with color!

Do you dream in black and white? Do you own a black and white TV set? Do you think of famous people as walking, talking newspaper photos? If so, you have some idea of what it would be like to live in a world without color. Of course, not many of us—except perhaps for a very few modern architects and designers—live in spaces devoid of color, but many of us do inhabit interiors that could reasonably be described as *color deprived.* What are the classic symptoms of color deprivation?

Color is for everyone—just find your part of the rainbow!

First, an excessive concern with things that match. When making a purchase, the victim of color deprivation standardly buys an object that "goes with" a color scheme: a safe decision, to be sure, but one which invariably results in interiors of a certain dull sameness. Deciding beforehand that one is limited to either a green or gold pillow or a blue or green tablecloth actually prevents you from thinking about color, since the choice has already been made—or, more accurately, avoided. Now, the concept of the color scheme is a very useful one, and its role in lifting interior design out of a chaotic mix of clashing colors (which otherwise might result) should not be forgotten. But today, as more people are taking a more active role in deciding what's best for themselves, we should be unafraid of experimenting with new combinations of color—not for novelty's sake, but for the satisfaction we can get from living with color combinations that we really like.

The second sign of color deprivation is the feeling, whenever making a color choice, that we will have to live with it forever. For certain major color decisions, caution shouldn't be tossed to the winds: The purchase of a good set of china, the repainting of a whole house or apartment, or the investment represented in buying rugs or carpeting are occasions when serious thinking about color preferences should take place. But so many more of our color options come in the form of minor objects that will last for much shorter periods of time. Why show restraint there, if the spirit really moves us? Do you secretly love hot pink, but wouldn't dare to upholster your sofa in that shocking shade? Then why not use it on a pillow, or cocktail napkins for your next party, or grow a gaudy amaryllis, or spray-paint dime-store photo frames for a lively shot of that color? Your enthusiasm for hot pink might wane in six months or a year, but you'll have had the pleasure of living with it while you loved it, rather than the lingering sense of never having lived with a favorite color.

The third major symptom of color deprivation is the envy that rises up when we enter a room where color is used freely, imaginatively, and with feeling. The eye often knows what the mind does not: The effective use of color appeals to us in unconscious ways, whether or not the colors in question are ones we ourselves like in the abstract or would consider using in our own rooms. Color need not only mean bold, bright hues lavishly applied. Color in soft and subtle shades is color too, so even if you have an aversion to strong color, don't be trapped into believing that color just isn't for you. Color is for everyone—it's just a case of finding your own particular part of the rainbow. Stop admiring other people's color sense, and start developing your own. It's not—regardless of what some "experts" might say—something that you're born with. Like any other skill, it's one that can only be discovered and encouraged with experience.

Here's our advice for the color-deprived:

1. Each week be on the lookout for 10 colors that really catch your eye. Like what? It could be the snappy yellow sun visor of a jogger in the park. The glossy hunter green of the car ahead of you in a traffic jam. A vivid pyramid of persimmons at your local market. The subtle streaks of mauve across the sky a minute after sunset. Once you see

Continued on following page

them, write them down, and at the end of the week, look at your list and try to remember what those colors were like. Like a whiff of a friend's perfume, or a few bars of a favorite forgotten song, associating color with a specific time, place, or event can help you improve your color memory.

2. Get into the habit of carrying swatches, paint chips, or other small samples of colors you like. Even the pros can't remember everything. Not all purchases are—or should—be made on outings that begin with that purpose in mind. We pass many ways but once, and often see things we'd like to have, things that we may never see again. So to avoid the guilt feelings that real impulse buying can cause, use the stabilizing and reinforcing help that color samples can give you in helping to extend your color memory.

3. Take free lessons from the masters and visit your local art museum. Even if you've been there recently, go again, but this time with the express purpose of looking at color. One of the best-kept secrets of professional interior decorators is their frequent (and often very direct) inspiration from great paintings. One look at the soft blue-gray and the strange icy yellow in Jan Vermeer's *Maid Handing a Letter to her Mistress* in New York's Frick Collection, for example, could give us the idea for a most sophisticated and unusual color combination. As an exercise during your museum trip, keep a record of your favorite uses of the three primary colors—red, yellow, blue—and your favorite uses of the three secondary colors—green, purple, and orange. Play Gertrude Stein's game: She once complained that museums were no fun, as you couldn't take anything home. Which one painting from the six on your list would you take home? Do you have anything at home in the same shade as that painting? See if the museum shop has a reproduction of the picture—even a postcard will do—and keep it in your kitchen as a reminder of how color can really appeal to you. Or, if you haven't an art museum in your home town, a museum of natural history can give you color lessons from nature, too, with the incomparable hues of minerals to inspire your sense and appreciation of color as much as any manmade works.

4. Take a good look at your closet. Are your clothes predominantly of one color family? (Men: Skip your suits, and look instead at your neckties and sportswear.) Are the colors in your closet also the predominant ones around your house? If not, why not? One reason is that some colors that we like might be suitable for one purpose, but not another. Are there colors you like but don't seem to be able to wear? Are *they* used around your house? Here's the perfect opportunity to indulge in using the yellow you love, but which you think makes you look too sallow, or the clear, bright green you've always thought only redheads could get away with. Think about the ways you use color in dressing: Are you more likely to use one basic neutral shade and jazz it up with bright color accessories, or are you an all-out color person? There's a clue in your closet to the colors you can wear and might—or might not—also be able to live with around you, if not on you.

5. Think of your favorite interior other than your own— or somebody else's—home. Is it the romantic restaurant where you splurged on your last anniversary? Just what

Don't be lazy, don't be timid in using color all around you

was it that made it so pleasant? Was it the soft, pinkish lighting that you thought was so flattering? Was it the huge pot of pale purple mums near the checkroom? Was it the fresh and lively way the salad looked, making you think that yours at home looked a bit dull by comparison? Most likely it was a combination of all those things, which added up together to create an atmosphere in which color played an important, but low-key, part in making it a place to remember. Or perhaps you remarked the other day how great the newly decorated dress department at your favorite store looks—the creamy beige walls and carpet make it so much easier to see things, and make the colors of the dresses seem so much clearer. Obviously, there's a lesson about your own taste there, too.

The point of all these little exercises is to show you how easy it is to get more color into your life—and to point out what a great joy color really is. Color is to our sense of vision as music is to our sense of hearing, as flavor is to our sense of taste. Don't be lazy in finding out what you like and don't be timid in using it around you. We have at our disposal a whole universe of color, and we should never forget that it is there for us to enjoy!

WAKE UP YOUR

19 great idea

1. Use soft-as-sherbet peach and mauve to warm a cozy sitting corner
Home of Mr. and Mrs. Angus Lightfoot Walker, designed by Mrs. Walker

ROOMS WITH COLOR!

at can color your house
ith new live-in excitement

Horst

2. Use cantaloupe colors for glamour and glow.

Catherine Cowdin

Designed by Arthur Smith

3. Dramatize dining with navy and wh

GIVE YOUR ROOMS

5. Grow a lettuce-green arbor where a crewel flower bed blooms.

Designed by Richard Neas for the Kips Bay Boys' Club Show House.

William P. Steele

6. Sweeten a bath with peppermint pink and a shiny f

Designed by owner Chuck Amato.

Designed by architect Peter Hopponer

4. Heat up a hearthside with a jolt of bright red.

Tom Yee

A SHOT OF COLOR!

7. Toss a blue-and-rose country cloth to spark the green of nature.

Home of Mr. Pierre LeVec and Mr. Pierre Moulin of Pierre Deux

Susan Wood

COLORS THAT SAY...

8. *Set off zesty papaya walls with linen cross-quilted seating.*

Designed by Zajac & Callahan for Mr. and Mrs. Alfred J. Moran Jr.

9. *Float forest-green furniture inside a creamy shell.*

Designed by Tom O'Toole for the Kips Bay Boys' Club Show House

10. *Recreate a seaside feeling with blue-green and teal*

William P. Steele

trellised porch.

Home of Mr Walter Boxer

11. Capture year-round summer with rainbow stripes and blue-sky walls.

WELCOME TO MY HOUSE!"

Punctuate space with glossy color, tinted fluorescent light.
Designed by owner, architect Vincas Meilus.

13. contrast deep blue walls with the authority of a boldly-patterned rug.
Designed by owner

Designed by Keith Irvine and Thomas Fleming

14. Energize with vibrant red and perky china blue.

15. Refres

17. Unify a small room with soft apricot seating in a pumpkin shell.

Designed by Jean Stoddard

LET COLOR

18. Create a spell of rich romance with deep claret

Designed by Bebe Winkler.

...Fairbolme for the Kips Bay Boys' Club Show House.
...irs sitting room with blossoming hyacinth colors

...ned by owner Hubbell Piercy
16. Polish a country foyer with slick banana walls.

FREE YOUR FEELINGS

...with azalea. **19.** Radiate flattering warmth with gentle peach-blossom color.

For details, see The Inside Story

Designed by Lang/Robertson Ltd. for Mr. and Mrs. Peter N. Perretti Jr.

...Sedkai

Carolyn Guttilla: "I started with a favorite quilt and let a garden lover's room grow from it."

Chuck Winslow: "The bright sunny rooms of Sardinian cottages gave me the idea of making over the room to play up its elements with color."

Donna Lang and Lucretia Robertson: "The festive colors and rugged texture of Mexican serapes make the room friendly and informal."

6 decorators + $2000 + this basic room

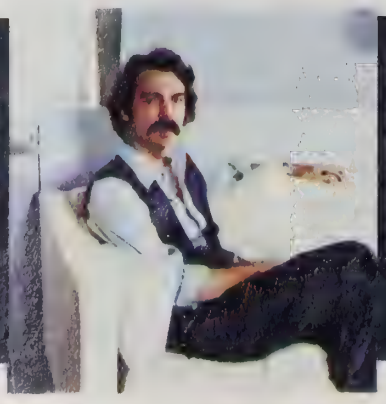
What happens when six interior designers, brimming with color inspiration, are turned loose in a plain living space with a modest decorating budget? For House & Garden, they sized up the neutral givens—see the chart at right—and then took the room through six color expeditions. They spent from $1,200 to $2,400, creating rooms that reflect a new, simplified, and very personal decorating direction. See how you can make the most of color!

Sofa	**$989**
Armless chairs, 2, each $449	**$898**
Ottomans, 2, each $302	**$604**
Natural cotton duck to cover, 37½ yds. at $13 a yard	**$487.50**
Duck on pillows, 2 yds.	**$26**
Pillow forms, 2, 27-in., each $13	**$26**
Cocktail table	**$325**
Lamp table	**$265**
Sisal rugs, 2, each $300	**$600**
Slatted wood porch blinds, 2, each $85	**$170**
Polished chrome pharmacy floor lamps, 2, each $55	**$110**
Table lamp	**$50**
White paint, 4 gals., each $15	**$60**

For details, see Shopping Information

+ Color equals

Georgina Fairholme: "A bright blaze of spring colors on walls and accessories can create a happy, cheerful place to live."



Gerald Kuhn: "Quiet, atmospheric colors work with the shape of the room to create a unified, flowing design."

Beadle

...A raspberry garden

Carolyn Guttila made her favorite quilt into a lively table covering, then went on to rich Raspberry Cream walls and a garden green floor—first painted Lacquer Green, then rolled over with Green Mint on a special mottling roller so the floor looks grassy. The result is a room that's a cozy raspberry bower. Moldings and window boxes are bright white for crispness. Window boxes, made by putting a plank across each window recess, conceal pots of delicate-leaved nicotianas and begonias that soften the sunlight. *For details, see Shopping Information.*

Quilt	**$250**
Rag rug	**$610**
Victorian shoe box	**$18**
Antique plate rack	**$400**
Framed botanical prints, each $46	**$230**
Wicker side chair	**$5**
Decoupage hurricane lamp	**$185**
Fabric on 2 18-in pillows and seat pad, 3 yds at $17.25 a yard	**$51.75**
Fabric on 27-in pillow, 1 yd at $30 a yard	**$30**
Pillow forms, 2, 18 in., $10 each	**$20**
Mottling roller for floor	**$27.99**
Raspberry Cream paint, 2 gals	**$30**
Lumber for plank sofa table	**$10**
Lumber for 2 6-ft curtain poles	**$26.40**
Lacquer Green paint, 2 gals., on walls and blinds	**$30**

$1,924.14

...A wash of sunshine

Chuck Winslow put the big colors on the walls, he says, "to show off the shape of the room." Pink Fizz outlines the windows and runs along the moldings. Buttercream glaze on the walls fills the room with warmth, and stippling makes the paint seem like real sunshine. White ceiling and floor catch reflections from the walls, so the cheerful colors brush over the whole room. Careful planning keeps everything in balance: Low, round Japanese lamps soften the pink geometry; gently colored pink and white fabric and skirts on the chairs make a quiet counterpoint to the walls. The mood of the room is at once outgoing and serene, a comfortable atmosphere for living.

Side tables, 2	**$95**
Standing lamps, 2, each $62	**$124**
Ceramic platter	**$40**
Ceramic pears, 3, each $18	**$54**
Mohair throw	**$415**
Fabric on chairs, 2, and pillows, 2, 15 yds. at $25.50 a yard	**$382.50**
Rope trim on chairs, 8 yds. at 75¢ a yd.	**$6**
Glass cylinder vase	**$15**
Chemical beaker	**$3.50**
Basket	**$2.98**
White paint for floor, 2 gals.	**$30**
Buttercream Glaze for walls, 2 gals.	**$45**
Pink Fizz for moldings, baseboard, window trim, 1 gal.	**$15**

$1,227.98

Decorators + Budget + Color equals . . .

Donna Lang and Lucretia Robertson, of Lang/Robertson Ltd., used clean white walls, sprinkled with a handpainted vine, to surround a room of handcrafted objects. The focus of the room is the seating: The designers wrapped nine bright red Mexican serapes around the sofa and chairs. "They make slipcovering simpler and are the ideal weight—durable but easy to sew," says Mrs. Lang. They bought larger pillows to plump up the furniture and make it more inviting. Earthen pots are painted Tangerine, and mirror is homemade of stained plywood. The moldings are glazed to look like natural wood.
Shopping information, page 180.

Serapes, 9, each $50	**$450**
Side chairs, 2, each $75	**$150**
Ceramic jars, 2, each $45	**$90**
Tray table	**$49**
Welsh dresser	**$679.95**
Pine table (behind sofa)	**$269**
Painted wooden birds, 4	**$27.50**
Ceramic plates, 10, each $8	**$80**
Dinner plates, 6, each $7.25	**$43.50**
Cups and saucers, 6, each $6.50	**$39**
Pillow forms, 4, 27 in., each $13	**$52**
Acrylic paint, brush, stencil paper for painting vine	**$7**
Pine lumber for mirror	**$12**
Sheet mirror	**$32.50**
Fabric for seat pads	**$8**
Yarn to make tassels	**$6**
Round basket	**$10**
Glaze for trim, 1 qt	**$4**

. . . Handmade vitality

$2,009.45

...A gloss of green

Susan Zises, of Susan Zises Interior Design, soaked the walls in deep Lacquer Green and polished the wood floors to a high gleam to send a simple room on its way to grandeur. She added a mirror in a curving gilt frame and compact chintz pillows in favorite rich, sophisticated colors. "A few accessories that you think are truly wonderful can elevate the quality of the whole room," says Austin Chinn of Susan Zises Interior Design. Careful details and flowing cotton duck increase the feeling of luxury.

Shopping Information page 180.

Mirror	**$175**
Pine dresser	**$300**
Silver box	**$35**
Majolica plates	**$37.50**
Candlesticks, 2, each $3	**$6**
Bronze Buddha figurine	**$50**
Glazed pottery figurine	**$15**
Birch log plant stand	**$2**
Glazed pottery plates	**$66**
Red lacquer Chinese box	**$55**
Green pottery plate	**$50**
Glass vase	**$95**
Small basket	**$5**
Fabric for pillows	**$312.50**
Pillow forms	**$96**
Paint for table	**$5**
White and Dove paint	**$5**
Fabric for curtains and ottoman covers	**$390**
Standing lamps, 2, each $55	**$110**
Red lacquer wicker box	**$150**
Cotton durrie rugs, 2, each $31.95	**$63.90**
Color photographs, framed, 2	**$140** **$126**
Japanese turquoise porcelain sauce dish	**$45**

$2,334.90

. . . A burst of spring

Georgina Fairholme's room comes to life with the clear colors of spring, the brilliance of blue skies and daffodils. The main ingredients are her own white-flowers-on-blue wallpaper and zaps of Sun Yellow on pillows and plywood cubes. "Wallpaper gives instant decoration," says Miss Fairholme. Generous balloon shades, home-made, soften the windows without taking up the space of curtains. Their blue stripes nestled next to the wallpaper flowers make a comfortable mixture of patterns. Tiny bamboo tables and the sunny floor pillows are light and informal, and that's the whole point of the room.
Details, see Shopping Information.

Plywood cube tables, 2, painted with Sun Yellow	**$25**
Wallpaper, 24 rolls, each $24.75	**$594**
Fabric for balloon shades, 12 yds at $24.75 a yard	**$297**
Pillow forms	**$74**
Fabric on pillows, 3 yds at $6.50 a yd	**$19.50**
Fabric on pillows	**$34.50**
Basket for plants	**$60**
Framed print	**$40**
Indonesian hobby horses, 2, each $250	**$500**
Ceramic bowls	**$165**
Japanese small plates, 2, each $20	**$40**
Bamboo stool/tables	**$15**
Pottery bowls	**$10**
Inlaid box	**$50**
Chinese porcelain box	**$30**
White basket	**$8.50**
Yellow pie plate	**$6.75**
Glass goldfish bowl	**$13**
Basket for narcissi	**$7**
Porcelain birds, 3, each $3	**$9**

$1,998.25

Gerald Kuhn, of Gerald Kuhn Inc., designed a room of long, low shapes and whispering colors. Walls and ceiling are bathed in flat Mercury. Moldings in Oyster delicately define the shape of the room. The screen, homemade of plywood, has long lines of Lavender and Dove: "It's a sculptural element to add interest to the room and reiterate the colors and horizontal lines," says Mr. Kuhn. It can also hide up-lighting or wall radiators. Lavender is picked up in throw pillows, and pale peach is a warm note. Tables on the far wall and the Brazilian spears continue the sweeping design. Ottomans and center table placed at angles, like screen, quietly ripple the movement.

Pine tables, 3, each $89	**$267**
Chinese table	**$125**
Round African stool	**$525**
African stool with pad	**$480**
Blown glass candlesticks, 4, each $85	**$340**
Ceramic plate	**$30**
Basket tray	**$65**
Wooden spears, 2, each $35	**$70**
African mask	**$250**
Pillow forms, 3, 18 in., each $10	**$30**
Seat pillow, 16 by 10 inches	**$5**
Peach fabric on bolster, 2 yds at $7.40 a yd.	**$14.80**
Peach fabric on pillow, 1 yd. at $7.40 a yd.	**$7.40**
Lilac fabric on pillows, 2 yds. at $21 a yd.	**$42**
Lumber and hardware for screen	**$165.45**
Paint for screen and room	**$75**

$2,491.65

...Sleek simplicity

We all have different moods, and so does this house, a place

Where every room opens up a whole new view of color

Color is the ultimate mood maker. And when it's used with sheer abandon—as it is in this Georgian-style house—every room takes on its own special mood. "We craved color," say the owners. "We'd lived in white-walled apartments with steel and glass furniture for years—but for our new house we wanted rooms with personality, lots and lots of it." When they moved to the suburbs two years ago, they asked designer Mario Buatta to give every room a different color and a different mood. In the living room, dark green—on crisscross-glazed and lacquered walls—creates a sense of glamour for nighttime entertaining. The green is pointed up by shiny white moldings and dado, and softened by pretty pastels. There's sky blue for the floor and the two armchairs, and coral for the ottoman—"Every room should have a dash of red," says Mr. Buatta. French chairs wear green damask; end table a painted silk skirt; and the two sofas and armchairs, flowery chintz. "This isn't just a *living* room," says Mr. Buatta. "It's a *live* room that feels dramatic, but radiates warmth and welcome." Furniture is arranged in three groups so two can feel cozy, but 18 can circulate comfortably. The white-on-white plaid linen sofa angled in the far corner opens the room and "keeps that end alive."

Left: *Over the living room's mantel, 19th-century gilt mirror. Chinese ducks are two of a whole collection.*

Beadle

A WHOLE NEW VIEW OF COLOR

It takes courage to fill a room with strong color: "Color, used lavishly, can take over a room, become its identifying mark," says designer Mario Buatta. "In this house you think—not living room, but green room; not library, but red room. Furniture, fabrics, even the artwork become ancillary to the bold color." But, in spite of all the color, there isn't a room in the house that's not livable: Color is never strident-looking. That's because Mr. Buatta toned it down and softened it; and he did it so subtly you're never aware that some of the punch has been lessened. In the library, for example, walls are glazed Chinese red in a stipple finish that looks like granite. The effect is indeed dramatic, but not overpowering: Books break up redness, beige twig-tweed

Each room makes its own color statement—like a library that's welcoming and cozy

rug lightens it, Portuguese needlepoint rug and French chintz soften it. Nothing is allowed to predominate: On upholstered furniture, chintz pattern is broken up by brown welting and a mix of throw pillows; and, on curtains, by a contrasting green floral chintz lining. In the dining room, more decorating contrasts: Orange walls are softened by white woodwork, swags of pretty chintz curtains, a linen-and-cotton popcorn rug. Where you might expect to see one big table, there are two sleek octagonal glass tables on plexiglass bases. Another surprise: Instead of complementary modern chairs, there are traditional Chippendale chairs. In the kitchen next door, the greenhouse provides color, slate-paved floor adds sheen. Big tile-faced fireplace, Dutch pot-rack, and bookshelves give warmth.

Right and above: *The red library with furniture covered in a happy mix of fabrics: French chintz, Provençal cotton, brown velvet, white-on-white linen. In the window niche, painted Sheraton-style planter.*

Left: *In the dining room, delectable orange-sherbet walls that radiate a soft glow. On the mantel, a pair of ducks eyeing the water along the Maine coast in a painting by Fairfield Porter.*

Below left and right: *The greenhouse-dining end of the kitchen, newly remodeled "for convenience and function." For a fragrant centerpiece on the farmhouse table, living herbs in clay pots on bread boards.*

Softer colors make these rooms relaxing, pretty places for eating, talking, enjoying

A WHOLE NEW VIEW OF COLOR

The romance of a bedroom warmed by a blush of rosy color— a luxurious canopy bed, a lazy chaise, an open fire— all add up to a room that's made for dreaming

Away from family and entertaining rooms is the master bedroom, the owners' own private hideaway. It's at the end of a long, narrow hallway painted pink-gray, "the color of a weather-worn stone tunnel," says designer Mario Buatta. The bedroom is a crescendo to the hall, its mood music played by lavender-mauve vinyl wallpaper, a shade brighter and warmer than the hall color; its floor, a scattering of green ferns handpainted on an off-white ground, a lifelike continuation of the hall's mossy-green carpeted floor. "The bedroom has the charm of a Georgian boudoir," says Mr. Buatta, obviously thinking of its tray ceiling and intricately molded chimney-breast wall (both of which he set off with white paint). To enhance the sense of old-fashioned romance, Mr. Buatta designed a canopy bed "that becomes a kind of room within a room." Panels of Swiss tambour (hung on hook-and-loop fastening tape so they'd be easy to take down and wash) float like weightless testers, then are gathered into a single rosette in the middle of the roof of the bed. An English garden of primulas and auriculas rambles over headboard, chaise, and dust ruffle. Chintz's pink piping turns up as a scalloped border on sheets, becomes latticework on shams, quilt.

Left and top: *The master bedroom, a quiet romance of soft pastel color and flowery chintz. On the chaise, a pretty pillow of woven ribbons. Handpainted contemporary dressing table.*

Beadle

What happens when you bring a 20th-century kitchen into a 19th-century ballroom? In this six-story townhouse built in 1837, the owners discovered that they have created a living space that they never want to leave. "The original kitchen was on the ground floor, which meant a lot of running up and down stairs," they say. "By moving it upstairs, we've simplified our lives immensely." The room was built originally as a ballroom and had been used as a home office by the present owners. But after the kitchen waltzed in, it turned into a family room, informal dining room, child's play area, and mother's office as well. Designer David Hamman found that the biggest challenge was to bring in a modern kitchen without disturbing the original character of the room—high ceilings, arched doorways, angled walls. With bay windows on each side of the room and a fireplace at one end, the entryway became an obvious spot for the kitchen equipment. A counter was extended into the room and cabinets added for storage. Extra pantry goods and china are kept in the closets by the fireplace. For direct illumination along the counter, a strip of fluorescent lighting was added under the overcounter cabinets. Color helps to pull the entire room together. "The greens in the tile floor, carpeting, and cabinets all tend to blend together, giving the feeling of one large, multipurpose space," says designer Hamman. And for the owners, unused space comes alive. "We never realized how large this room really is," they say. It's perfect for entertaining, or just sitting by the fireplace with the family. Details, see Building Facts.

Tom Yee

Everything's here in one room, including a refrigerator/freezer that's paneled to match the storage cabinets next to it, above. *A desk near the window creates a home office space overlooking the garden.* Right, inset: *From the sitting area near the fireplace, it's hard to tell that there's a kitchen in the same room—the high-backed counter hides it well. Arched door leads to a hall. In the bay window, a sunny breakfast table overlooks the street.*

Break the pastel kitchen habit

Tired of timid pinks and yellows?
ve your heart-of-the-house room the lift of vivid green

Get the warmth that makes

Tom Yee

This kitchen's organized for looks and for efficiency. An interchangeable cooktop grill, above, *needs no overhead fixtures because it is vented down to the outside. On the opposite island, a microwave and a self-cleaning oven. Plug molding provides outlets for counter appliances.* Right: *Drawers on all sides of the islands give more than 60 feet of storage. Pantry storage is in a large drawer near the kitchen door, making groceries easy to put away. Smaller drawers keep spices, pot lids and flour/sugar/rice bins within easy reach of the cooking area. For a smooth look and easy pull-out, all drawers have recessed edges rather than handles. Cutting boards double as sink covers.* Opposite page: *A commercial refrigerator, with two pullout bins, has its compressor connected downstairs to reduce noise and heat. Mandarin red plastic laminate by Wilsonart.* *See Inside Story and Building Facts.*

our kitchen glow

This inviting workspace is modern and efficient, but has the friendliness—and dash!—that only red can give

When the owners decided to turn the dining room of their traditional house into a kitchen, the trick was to do so without giving up the original paneling and hardwood floor. For architect Brett Donham of Donham & Sweeney, the solution was to design freestanding islands like pieces of furniture. "The red laminate against soft gray paneling and natural floor make these 'islands' stand out," he says. All the kitchen appliances are here—two sinks, two dishwashers, two ovens (one microwave, one self-cleaning electric), a refrigerator, cooktop, and trash compactor—with a clean, uncluttered look. To determine where everything should go, the owners prepared five separate meals, taking careful note of when and where they needed things. As it turns out, they use one island for preparing meals, the other for clean-up. "You have to be organized in this kitchen," they say, "but we are . . . and we love it."

BY MARTIN FILLER

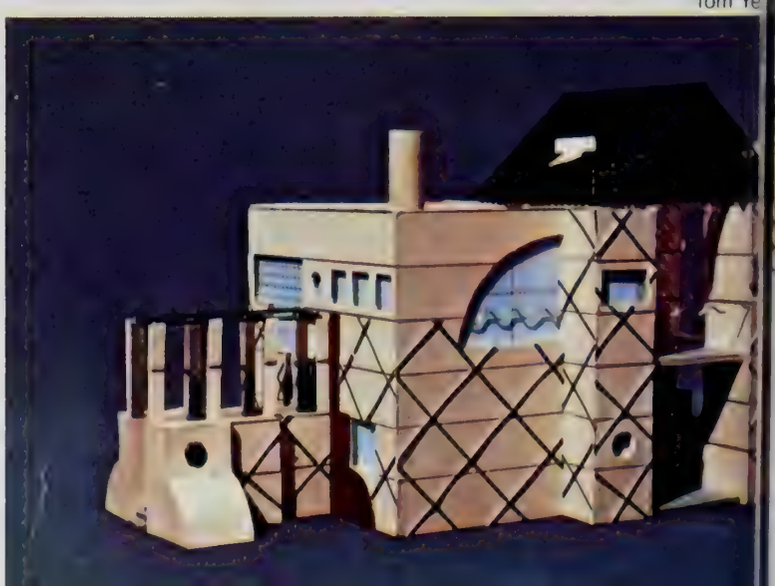
Architecture isn't what it used to be. Twenty years ago no self-respecting modern architect would have been caught dead using any colors other than black and white, gray and beige, and—for a bit of contrast—the three primary colors of red, yellow, and blue. Rumor has it that Gordon Bunshaft, former design principal of Skidmore, Owings & Merrill, the most influential modern design firm of the 1950s, once bellowed at a young associate who breached that rule, "What is *this?* We don't do *green* here!" Michael Graves is one of the leading reasons why architecture isn't what it used to be. Not only does he do green, but he also does pink, mauve, gold, and several other colors that would have made some of the orthodox modernists blanch.

Graves, a 45-year-old Indianapolis-born professor of architecture at Princeton, is in the forefront of architects who are rewriting the rules about what can and cannot be done with color in architectural design today. For the past few years he has been producing a remarkable series of designs—architecture, interiors, furniture, paintings and drawings—that have not only marked a significant break with longstanding architectural tradition, but which also closely parallel general trends elsewhere in the design world. For his color range is quite a bit like the movement toward softer, pinker offtones seen in everything from cosmetics to fashions to bath towels and bedsheets. More than just coincidence?

"No," says quiet, soft-spoken Graves. "Call me in 20 years, and I'll still be using the same colors." What he means, of course, is that any similarity is—at least consciously—purely coincidental, though any historian of color would have to admit that there have always been certain unmistakable color preferences, on all levels of taste, that characterize the chronology of design. Why, then, the particular range of off-colors he likes to use? "Red rarely remains red for very long in the landscape," he notes. "I prefer to use colors invaded by light, warped by light, like those used by Willem de Kooning or Giorgio Morandi in painting. *(Continued on page 135)*

Tom Ye

Classical motifs of columns and moldings are given a playful new feeling, above, *in a freestanding indirect lighting fixture, custom designed by Graves for the Sunar furniture showroom in New York. Bulbs are hidden behind horizontal "frieze" at top, washing ceiling with soft light.*



Model for beach house in Long Beach Island, N.J., right, *is painted characteristic pink-mauve Graves uses frequently in his designs.*

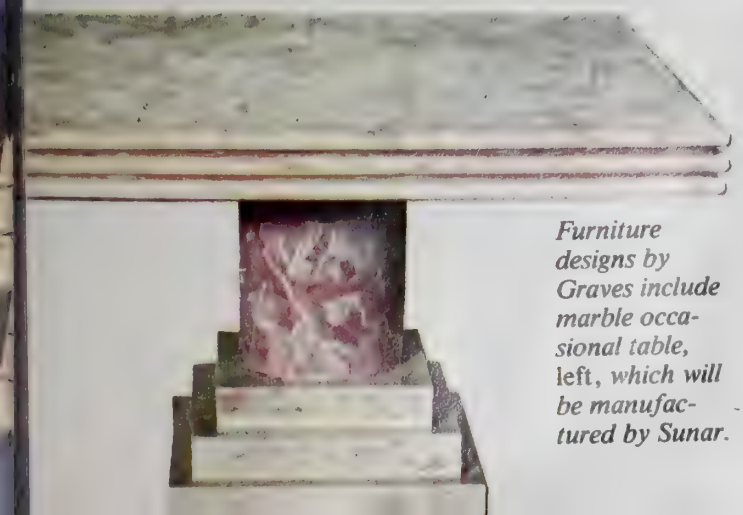
James Fesler

Architect Michael Graves, left, *originally trained as a painter, still does murals for interiors he designs, such as illusionistic "fresco,"* above, *for Sunar furniture showroom in New York.*

The man who's rewriting the language of color

Beach house in Loveladies, N.J.

Michael Graves, a young American architect, is in the vanguard of a movement toward design that uses color with greater freedom, imagination, style, and wit than has been seen in many years, and which could influence the way your environment will look for many years to come



Furniture designs by Graves include marble occasional table, left, *which will be manufactured by Sunar.*

Shulman house in Princeton, above and below, *remodeled from ordinary builder's house into design showpiece.*

Courtesy Michael Graves

Both indoors and out, the same soft, muted colors give architecture, interiors, and furniture a feeling that ties everything together

Entry to Graves's own house in Princeton, left, *appears in drawing as a rich collage of diverse architectural fragments.*

House" for its giant keystone shape over entry.

Keat Tan

Furniture sketches, above, *were jotted down by Graves in small books he always carries. Rug,* below, *in living room of Graves's own house—a renovated warehouse—is his design, custom woven by V'Soske.*

REWRITING THE LANGUAGE OF COLOR

The family of colors I use has a more reasonable chance of surviving intact when exposed to the light and the rain than do pure primary colors."

The other question we might well ask is if a salmon-pink house has much chance of surviving not just the wind and the rain, but the reactions of its neighbors as well. Colored, even brightly-colored, exteriors have not been unknown in the history of Western architecture. The warm pastels of Mediterranean domestic architecture—the pinks, oranges, yellows, and mauves of Spain, Italy, and North Africa—have been successfully translated to our Sunbelt states from Florida to California. But the Midwest and Northwest of America—where most of Michael Graves's work has been done—have been influenced more by the Anglo-Saxon/New England tradition that favors white-painted or natural-colored exteriors above all others. Old customs die hard.

Graves's major patron of the moment, Robert Cadwallader (Chairman of Sunar, for whom Graves is designing several furniture showrooms), recalls the distaste of his neighbors in Greenwich, Connecticut, when he announced that he would paint his house—a remodeled 18th-century barn—an unusual

(Continued on page 196)

Tom Yee

Behind the

unflower curtain

50 varieties of flowers in 40 by 60 feet—all from $25 worth of seed packets

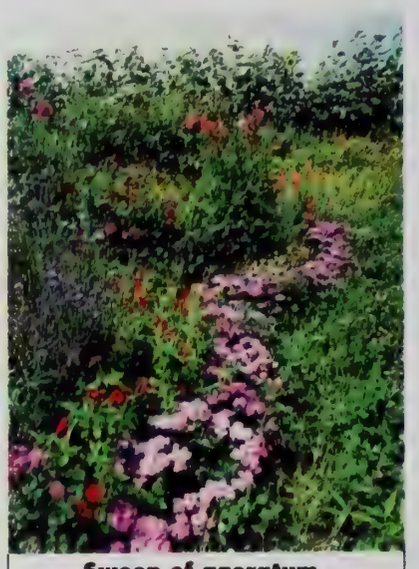
Handsome fast-growing hedge of sunflowers marks borders of the flower garden, protects it from wind

Edward Oleksak

Beginning gardener's success stor

It's only her second year! June Ahrens tells how she did it

Flower fever overcame me when I moved to a farm on Long Island, N.Y. A small patch surrounded by zinnias soon became a large one in a potato field, and by my second growing season I knew I was involved in a lifelong hobby. I invested in an inexpensive 6-by-12-foot greenhouse and began absorbing gardening lore like a cactus soaking up dew in the desert. Being on a limited budget (like most people these days) I worried about the expense of a large expanse of inedible plants. Suddenly the idea came to me of a "Pick Your Own" garden that would pay for the cost of my luxury (it did) and give others who love flowers a chance to share mine. I sold the flowers for $2 per 2-quart milk carton—all that would fit.



Sweep of ageratum through field of color

Naturally my garden had to be adapted to the peculiarities of my site and resources. Striving hard to keep spending down, I scanned many catalogues for the best deals in the seeds I fancied. To save some for next year, and in case of poor germination or the dreaded "damping-off" disease, I planted only half packets. I also had to allow for my cats and pet raccoon. (They never failed to make themselves at home whenever the greenhouse door was ajar.) As the seeds arrived, I listed the cultural requirements of each type in a notebook.

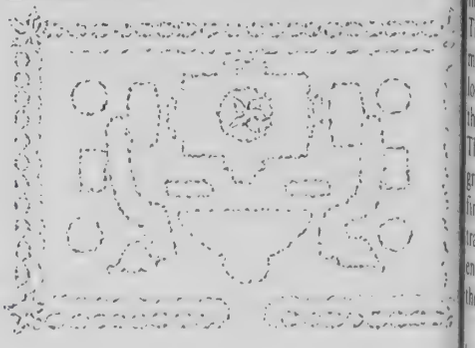
My soil is a fine stoneless loam but on the heavy side, with poor aeration. Indeed it frequently becomes an ice-skating pond in the winter, dries slower than the higher ground in spring, and is usually submerged several times each summer. I started as many seedlings as possible indoors and planted most of them out later on raised ridges of di brought in by the pickup load. I mixe in several loads of well-aged goat an horse manure. Incidentally, if you' looking for a rapid way to get into shap after an armchair winter, try shoveling. By mid-March, while my Amazon effort was taking place outside, seedlings were rapidly crowding the greenhouse. I had planted the hardiest ones first, since they'd soon be outside in temporary cold

Windbreak of sun and marigol

frames made from old stor windows set on cement bloc and covered with plastic night. I also planted a fe perennials and biennials th the catalogues promise would "bloom the first seas if started early." (General true.) Also several describ as "difficult to germinate a transplant." There is som thing to be said for a begi ning gardener's ignora confidence. By placing Jif pots in flats on the shelf rectly over the radiator, paying close tention to watering, and by transplan ing delicately, I found difficult flowe grew almost as fast as the more rugg ones. Success was mine!

Then by mid-April I began to pan The house windows, greenhouse, a several cold frames were filled to capa

Plan of 40-by-60-foot garden



June Ahrens picking with pet raccoon

Edward Oleksak

Up the lettuce path past calendulas, zinnias, clover

ty and plants were ready for planting. Many had already been pinched to encourage branching and discourage early budding, and roots had made their way through peat pots in some cases. Knowing how unpredictable spring weather can be and living plunk in the middle of a windy field, I worried for a week. The solution was 2-quart milk containers found at a local dairy that discarded them in huge quantities. They served as miniature greenhouses. By the time I finished all my outdoor transplanting it was warm enough to dispense with them.

"All good gardeners have a written plan," it's said. I had an elaborate map indicating just exactly what would go where, but the truth is I usually just went out into the intoxicating spring air and used my "divining rod" method. Walk around with a flat of flowers, and when you feel a definite pull downward, stoop and plant. I sometimes referred to my gardening notebook, however, to make sure the tall ones are in the back and everyone has a compatible neighbor.

I planted a double row of sunflowers around the perimeter to provide a beautiful, living windbreak and a cozy atmosphere. After a dose of liquid fish fertilizer they reached for the sky. I filled in any bare spots with fast-growing seeds, even vegetables: squash, lettuce, mustard greens, polebeans, and parsley. To avoid sowing twice, I circled each sown area with heavy white thread anchored to the ground with hair pins, knowing from past experience what a short memory I have. I made a beautiful path of Alsike clover. It has beautiful white blossoms, eliminates all but essential weeding, and creates the effect of a large expanse of flowers. Fortunately, I am not allergic to bee stings. While honeybees are a peaceful tribe, almost every time I ventured into the clover without shoes I received a painful reminder to wear them.

My garden grew with very little assistance from me. After a hard rain I cultivated, cut off spent blooms, and occasionally weeded. Yes, there were the usual freeloaders, mostly Japanese beetles and aphids. I squished a lot and gradually released a gallon of California ladybugs to munch on the aphids. Believing that a healthy plant is the best deterrent, I fed the garden fish fertilizer again in July and had few major problems. I'd worry though, and spent a lot of time peeking under leaves.

Well, I guess you can see how well my dream turned out. Frankly I was surprised myself. All my friends and customers seemed to appreciate my efforts, and I am delighted that House & Garden did, too. Many times at sunset I'd survey the scene and recall the lines, "One is nearer God's heart in a garden than anywhere else on earth." I really believe it's true. To see just what June Ahrens planted, turn to page 224.

A bee visits dahlias

cornflowers, petunias, zinnias

marigolds, cosmos

Discoveries in House & Garden's new

PORCELAIN BLUES

"Dora" folding metal table with wood top, $89. Chair, $42. By EMU-N.O.H.

Ultramarine Blue table for two

Clockwise, from top: "Colorstax," Metlox. "Rondelet," Fitz & Floyd. "Colorbands," Metlox. "Belvedere," Ebeling & Reuss. "Colorstax," Metlox. "Indi[illegible]," Royal Cope[illegible]. Ce[illegible]. "Mi[illegible]ei," Fitz & [illegible]. From $3 to $32.

Medley of plates in Porcelain Blues

12-inch wide stockpot, $12.50. By Alfred Fein.

One-of-a-kind antique, 17½ inches tall. $520. Gracie.

Porcelain Blue Blue-covered base in a classic Chinese shape

Heavenly Blue-speckled stock

Blue Sky-twined stoneware

"Triana" freezer-oven-tableware. Terrine, $32. Pitcher, $40. Marmite, $48. From Amnion.

Bistro Blue-dot dishes

"Lots a Dots" stoneware. 5-piece, $10. By Jepcor.

"Rip Stop Hi Tech" twin nylon comforter, $65. Pillows, $12. Kodel-filled. By Purofied Down Products.

Heave[illegible] Blue-flowered s[illegible]

"Coving[illegible] queen-[illegible] sleep s[illegible] $[illegible] By Simm[illegible]

Butterfly Blue cuddle-up comforter and pillows

All prices approxima[illegible] For deta[illegible] please see Shopping Informati[illegible]

Joshua Greene

Mighty big Blue Blue basket

30-inch "Bounty" basket, lock-on cover. $23. Hammarplast.

Ultramarine Blue-cushioned lounger

Adjustable "Moby" metal and canvas folding chair. $179. By EMU-N.O.H.

Flowered Blue Sky loveseat

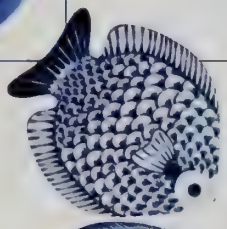
Tufted rollback 58-inch loveseat, $1,105. By Henredon.

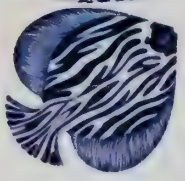
Sleek Blue Blue stool

Painted 30-inch steel stool. $85. By Contemporary Shells.

94-inch double-end lounge, faintly gridded in orange. $1,081. By Century.

Blue Blue face-to-face chaise





Trivets from the deep Blue Blue sea

Porcelain fish trivets. 7½ inch, $22. 8¼ inch, $28. 9¾ inch, $33. By Fitz & Floyd. At Bloomingdale's.

Speckled "Designcraft" duck, $13. By N.S. Gustin. At Marshall Field's.

Bistro Blue planter

Blue Blue mat and bolsters

ntal futon folding mattress, $93. ter, $69. By Shinera.

From top: "Grand elour," navy, "Jogger tripe," "Chippendale fly," "Grand Velour," ky blue. $8-$17. All, J.P. Stevens.

wer of towels in Porcelain Blues

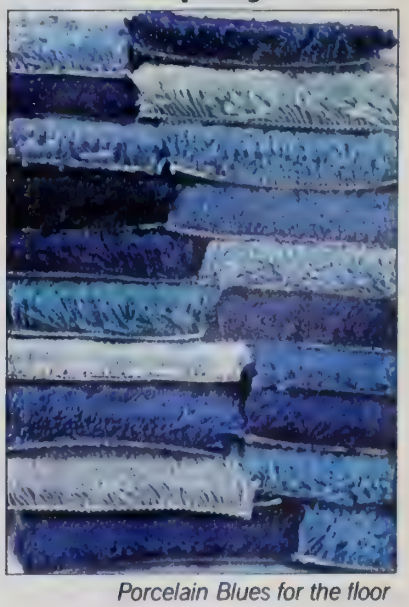
Porcelain Blues wallpapers...

From top: "Jardin du Pays," Carleton V. "Tao," Vice Versa. "Celtic Square," Carleton V. "Avallon," Laura Ashley for Raintree. $16-$27 a roll.

...decorative cottons...

From top: "Scacchi/Pedina," Wicker Works. "Rella," Hinson. "Ivy Geranium," Greeff. "Scacchi/Cavallo," Wicker Works. "Field Poppies," Greeff. "Ching," Schumacher. $15-$35 a yard.

...colorful carpetings



Porcelain Blues for the floor from Bigelow, Gulistan, Karastan, Lees, Milliken, Philadelphia Carpet, World Carpets. $14-$25 a square yard.

"Kobenstyle" enamel-on-steel casserole, $48. Skillet, $35. Stockpot, $69. By Dansk.

Good-cooking trio in Ultramarine Blue

Blue-ribboned stack chair

"Sun… alumi… vinyl-strap… chair. By Telesc…

Blue … dining c…

Grid-patte… armchair, … base. … By …

Ultramarine Blue kitchen helps

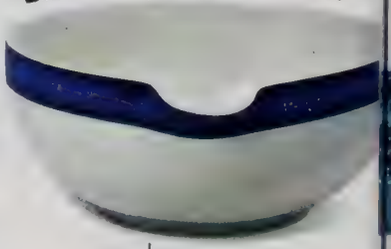
Cotton duck apron, $9. Potholder, $2.25. Trivet-mitt, $2.50. By Kangaroo.

PORCELAIN BLUES

From top left: "Trellis East," Wamsutta. "Midnight Blue" and "Tapestry Floral," J.P. Stevens. "Bluebell," Springs Mills. "Barbara," Martex. "Chippendale Butterfly," J.P. Stevens. Twin size, $8.50-$11.

Porcelain Blues sheets—so pretty you hate to fall asleep

Ultramarine Blue-banded mixing bowl



15-cup stoneware bowl, $21. By Boston Warehouse.

Porcelain gourd vase—a grac…

Ribbed vase, 14½ inches high. $435. Paul M. Jones.

Tufted chair on casters. $898. Henredon.

"Pool" chaise, vinylized metal and mesh frame. $239. By EMU-N.O.H.

Buttoned Blue Sky armchair

Tabby's Blue Blue retreat

Ready-to-assemble cardboard with water-resistant tray. $6. By Taylor & Ng.

Ultramarine Blue sun chaise

Joshua Greene

Blue Blue grill on wheels

Porcelain
n steel
18½-inch
rill. $97.
By Weber Stephen.

Blue Sky papier-mâché parrot

50 colors to
choose from.
Aluminum with
vinyl straps.
$100. By Medallion.

High, $28.
By Rees & Orr.

Blue Blue woolen rug

"Blue
Dynasty,"
4 by 6½, $289.
Karastan.

Stack chairs in Porcelain Blues

Blossoming Blue Sky sofa and benches

Sofa, $960. Bench, $145.
"Garden Party" fabric of
Fortrel. By Conover Chair.

Squirts, $1.50.
Flask, $2.50. By
Wings Over the World.

16 ounce, $5.50.
3 quart, $15.
By Pfaltzgraff.

Casseroles of Blue Blue stoneware

Blue Blue-flowered cookware

Lidded pot, $41.
Kettle, $55.
By Austria Email.

Blue Blue plastic bottles-to-go

elain Blues on a china tea canister

inches high.
top.
By
hedeh.

Six for $10. By Wings Over the World.

Graphic Blue Blue hangers

64-inch faille-
covered chaise.
$984. By Baker.

Heavenly Blue chaise

Ultramarine
Blue
cookware

Saucepan, $24.
Baking dish, $45.
Covered
casserole, $60.
By Le Creuset.

Blue Blue glossy flooring

"Maddelana" no-wax vinyl.
6- and 12-foot widths. $20/square yard. By GAF.

All prices approximate. For details, please see Shopping Information

VICTORIAN RIBBON STITCHERY

Great needle knowledge

in an easy water-lily pillow for you to sew now

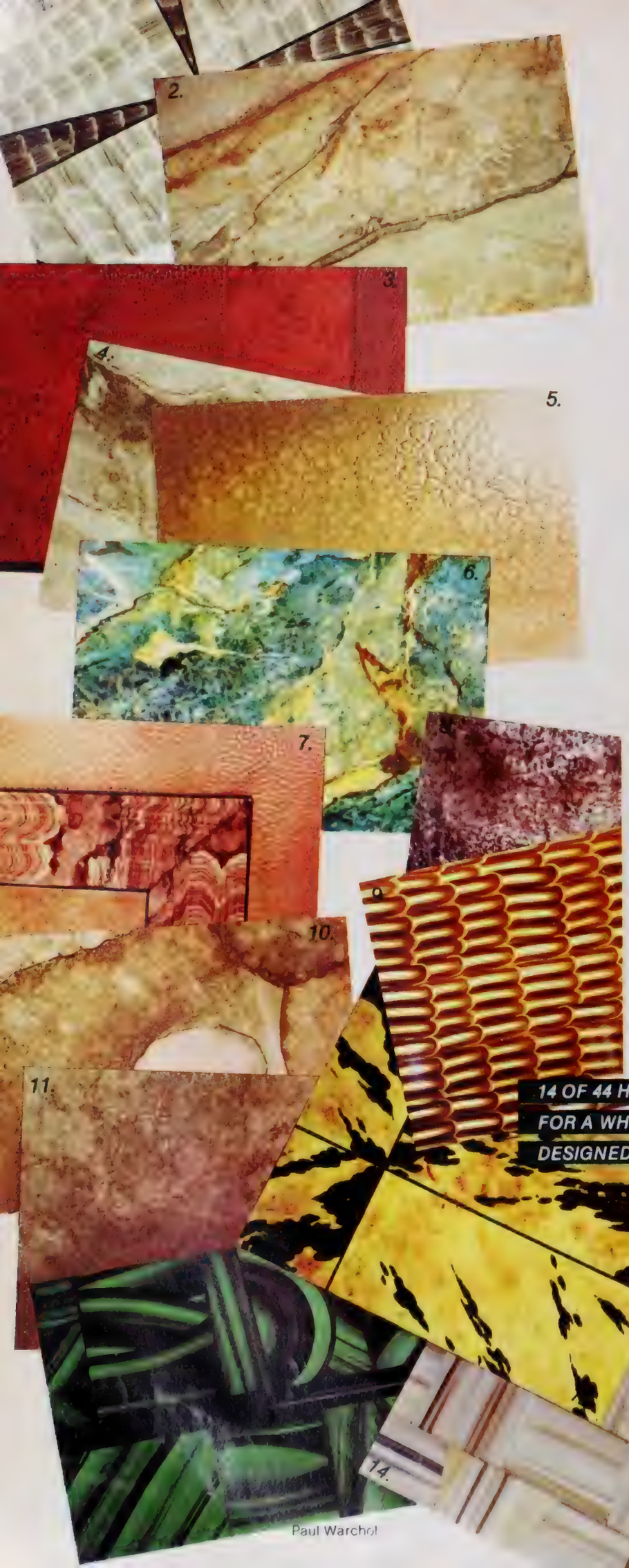
There's an easy, beautiful way to embroider that's been almost forgotten since Victorian times: stitching with silk ribbons. But that art is flourishing again—here on a subtly-shaded water-lily pillow you can embroider yourself. All the makings come in a kit: 10 shades of pure-silk ribbon, gray cotton-and-linen fabric printed with the design, pillow cording, needle, embroidery hoop,and complete instructions. How's it done? Thread the ribbons right through your needle and fill in the marked color areas with quick, brush-stroke-like stitches—one for stems, one for flowers. A work-of-art pillow will be ready in no time. Kit by Dorinda Beaumont for Yarn Loft.

WHAT'S IN IT FOR YOU

Above: The complete kit—ready for embroidering. The gray fabric for the pillow front is letter-coded to match the 10 shades of silk. The 1/8-inch-wide silk ribbons, imported from Japan, make for quick stitching. Opposite page: The finished pillow shows its colors—and its Oriental inspiration. The stitches are easy adaptations of crewel. Room designed by Susan Zises.

Raeanne Giovanni

rediscovered



"Nothing is easier to live with than painted furniture when it has been decorated in harmony or pleasing contrast to its surroundings...(it) furnishes a splendid opportunity to introduce a vigorous color note into an interior for the sake of added interest and enlivening contrast; and it is comparatively inexpensive."

Elsie de Wolfe, (1870-195
American decorator and taste-mak
writing in House & Garden, October 19

What a pleasure, what an inspiration it would have bee for the legendary Elsie de Wolfe to decorate with Italia designer Alessandro's collection of handpainted furnitur for Baker: 35 handcrafted pieces, in 44 colorful finishe each one a remarkable work of art. Like Miss de Wolf Alessandro feels "There's no better way of bringing colo into a room than in handpainted furniture. You ge touches of color, color that moves . . . that makes the fu niture come alive." Though his forms are decidedly mo ern in look, sculptural in design, as they combi sweeping curves with hard edges, they nonetheless sho an unmistakable reverence for pure classical form. N wonder that in some design circles Alessandro is "th contemporary classicist." Colors, in slick-looking finish that interpret natural elements, are chosen to embellis each piece. Because of Alessandro's process of "texturi ing" lacquer, colors come alive with shadings of depth.

Right: *For drama, "Lady Bombe" coffee table with textur parchment finish on top, D'jerbian Cane on sides, legs. Livi room and rooms on following pages designed by Rowena Kelle*

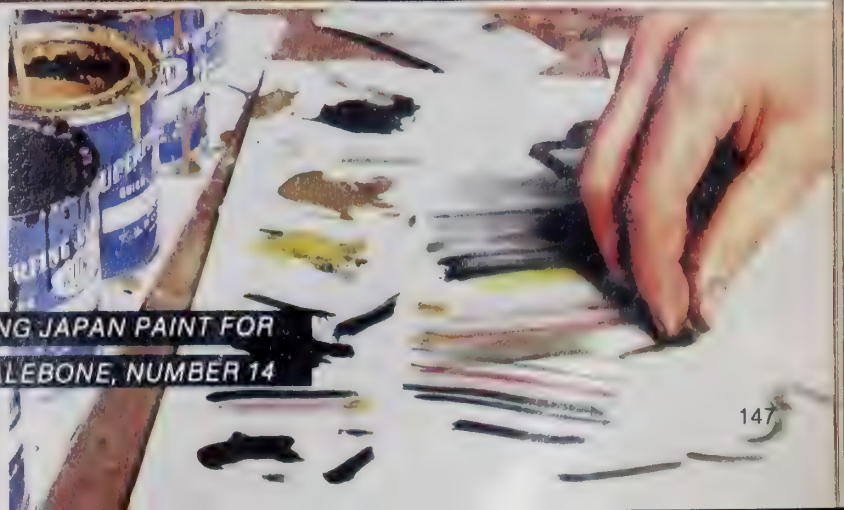
14 OF 44 HANDPAINTED FANTASY FINISHES
FOR A WHOLE COLLECTION OF NEW FURNITURE
DESIGNED BY ALESSANDRO FOR BAKER

One

1. Venetian Stone. 2. Rose Marble. 3. Red Striped Leather. 4. Carrara Travertine Marble. 5. Brown Leather. 6. Parrot Wing Agate. 7. Terra-cotta Leather with Petrificato Insert. 8. Grey Rose Marble. 9. D'jerbian Cane. 10. Pigs 11. Parchment. 12. Umber Fantasy To 13. Mitered Malachite. 14. Whalebone.

ouch of color

w finishes for new furniture
ust one piece can make a
ole room new



MIXING QUICK-DRYING JAPAN PAINT FOR TROMPE L'OEIL WHALEBONE, NUMBER 14

Beadle

Above: *In the middle of a dining room filled with antiques, one of Alessandro's dining tables. This one—an oblong slab of etched glass on two curved bases with goatskin leather finish—looks right at home with the patterned rug and painted walls. Painting, an acrylic on canvas by Ronnie Landfield, was hung below the chair rail by decorator Rowena Kelley to soften the wall.*

IN THE FACTORY, ALESSANDRO WORKING WITH DECORATING SUPERVISOR ARLOA SWEET ON WHALEBONE FINISH

touch of color

There's a saying that too much of a good thing is too much indeed. That goes for painted furniture as well as anything else. "Each piece is a prize piece," wrote Elsie de Wolfe. "There should never be too much of it . . . for who wants to live 24 hours out of the day with an extraordinary effect?" Think of a room filled with Alessandro's painted cocktail and lamp tables, dining tables, consoles, servers and commodes, desks, dining chairs, and cabinets. The effect would indeed be extraordinary if not overbearing. The reason? The colorful finishes, much more than the forms themselves. "Great splashes of color throughout the room defeat the purpose of painted furniture altogether," says Alessandro. "Color should be subtle. As soon as you give too much importance to colored furniture in a room, you lose the overall beauty of each piece—and of the room." The process of coloring his furniture may include as many as 30 coats of lacquer and 6 coats of color, each applied separately with sanding and smoothing in between to produce a finish with depth and gloss. Alessandro spent months at the Baker factory in Michigan teaching craftspeople there his technique. (One of the reasons Alessandro chose Baker to produce his furniture was because of the reputed expertise of its craftspeople.) The technique, which Alessandro calls "design lacquering," lets him simulate the transparencies in natural elements. "If you love nature, you can't take directly from it. Better to borrow from it, and paint it." (An ardent conservationist, Alessandro even shies away from quarrying marble.) Although finishes are chosen to fit forms, forms clearly fit finishes, too. A spindly-legged table might make a delicate finish like parchment look real, while a thick multifaceted cube might make a heavy-looking marble finish look and feel like real marble. "Color and form—let them complement each other and you'll have a marriage that'll last forever."

"On furniture, color should be alive. Nature's colors, with all their transparencies, can enhance a piece of furniture, letting its form play as important a part of the decoration as its color." *Alessandro, contemporary Italian furniture designer*

Paul Warchol

IN FRONT OF STACKS OF UNFINISHED TABLES, MITERED MALACHITE CABINET AND AN ASSORTMENT OF FINISHED TABLES

Above right: *A stunning complement to an old wood-carved chair, a nest of tables in mottled red tortoise finish. Small tray top lifts off. Brass mounts.* Right: *Same tables in mottled blue tortoise finish.*

ENERGY HOUSE:

Third in a six-part series

AN ISLAND GET-AWAY THAT TAKES ITS

Inspiration for today from good old Yankee wisdom

Houses that were built before comfort was dependent on nonrenewable energy resources can provide useful guidelines for adapting modern houses to local climate conditions. Architect Donald Watson believes that studying the traditional architecture of a region can help make a house at ease in both its physical and historical landscape.

And so he did for this house which is located on an island that in summer is drenched with hot sun and in winter is blasted by winds that average 30 miles per hour. Mr. Watson not only observed wind flags placed on the property for a year before construction, but he also studied local weather records and how Block Island houses had been built to endure the sun and wind for generations. Then he applied the lessons learned from island architecture and weather conditions in designing this modern house to be heated by passive solar energy.

The house was placed below the knoll of a hill so it would not intrude upon the landscape and so the hill would provide protection from the frigid northeast winds. Two porches facing southwest serve as windbreaks, just as porches did in old island houses. These also soak up the afternoon sun, providing passive solar heat. Almost all windows were placed on the south and west to provide heat from the sun, while the house is left virtually closed on the northeast for protection from the wind.

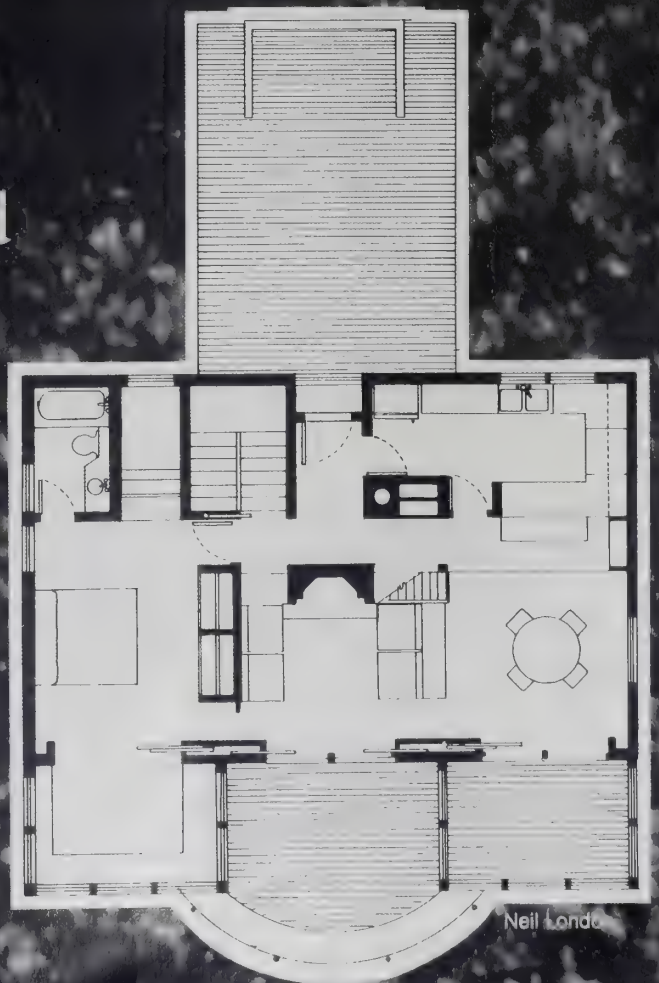
And just as cupolas in old Victorian houses create an updraft like an attic fan, to provide natural ventilation even when there is no breeze, the skylit loft here serves the same purpose. And windows on three sides of the belvedere open in summer to create additional air circulation. In winter, with the windows shut, the loft and porches act as heat traps. Because the owners eventually plan to use the house as a retirement home, a recirculating air system will eventually be installed to circulate the heated air from the loft to the lower portions of the house. Part of the basement was left ready to contain a rock storage area to store the heated air.

In form the house closely resembles the traditional saltboxes that have sat for centuries in the island landscape. "No man is an island, even *on* an island," owner Zenith Gross says. "So we wanted a house that would be polite to the island, just as we always expected our children to be polite to the islanders. And now that our children are grown and scattered, this house is their anchor."

Left: From the air the house is seen surrounded by its island setting—bayberry, brush, and sand. Sited for energy saving, a hill provides protection from northeast winter winds, and stretches of glass on the south and west catch the sun and the view of the pond.
Below: Breakfast deck faces east toward the rising sun.

Robert Perron

Cooling breezes are caught by an old-fashioned belvedere, giving the house energy-free natural ventilation



Above: On the house's southwest facade, porches and wide windows make the most of the sun and the view of the inland pond. The curve of the open deck seems to reach toward the pond and echoes the curve of the dome. "The dome and curved deck make the house instantly recognizable to people who approach it for the first time," Mrs. Gross says. *Left:* Plan of the house is based on the traditional nine-square organization of the colonial plan, where the house is entered through the first square. Here open decks on the northeast and southwest provide a place in the sun all day long.

Neil Londo

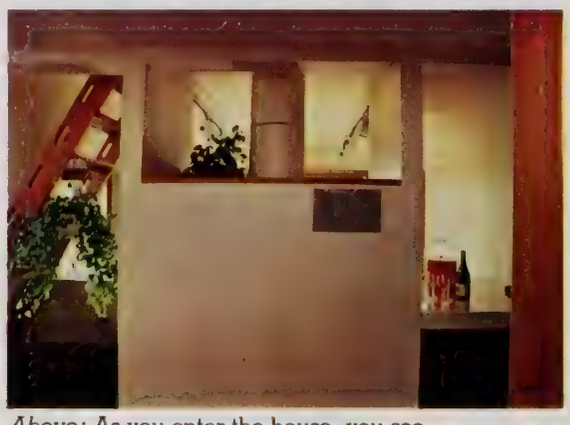
Good old Yankee wisdom

Similar to an indoor widow's walk, the loft provides a panoramic view. Windows on all four sides catch every summer breeze like the cupolas in Victorian houses—another lesson learned from island history.

Tom Y

"This is where we come to get in touch with ourselves"

The skylit loft and windows give the house an almost 360-degree view of the island and a great sense of openness and freedom. "It is where we come to get in touch with ourselves and each other," Mrs. Gross says. "Many of our most significant conversations are saved for the island." This house—designed to be an organic part of the physical and historic landscape—is the culmination of the family's 28-year involvement with Block Island. For additional information, see Building Facts.



Above: As you enter the house, you see the back of the Heatilator fireplace that serves to separate the entrance from the living room. Above the fireplace is the view through the southwest deck and porches toward the pond.

Above: Here, as in the old colonial houses, rooms are grouped around a central fireplace. Master bedroom is ju beyond living area on the main level. *Right:* Windows from the skylit belved circulate extra light and breezes down the heart of the house.

Curved deck that faces southwest toward the pond and afternoon sun is located at the house's main level, just beyond the living room. It stretches above the lower level of the house that contains additional bedrooms and on out beyond the belvedere. Porches to either side face each other across the deck. Porch off dining area can be opened to the air through screens.

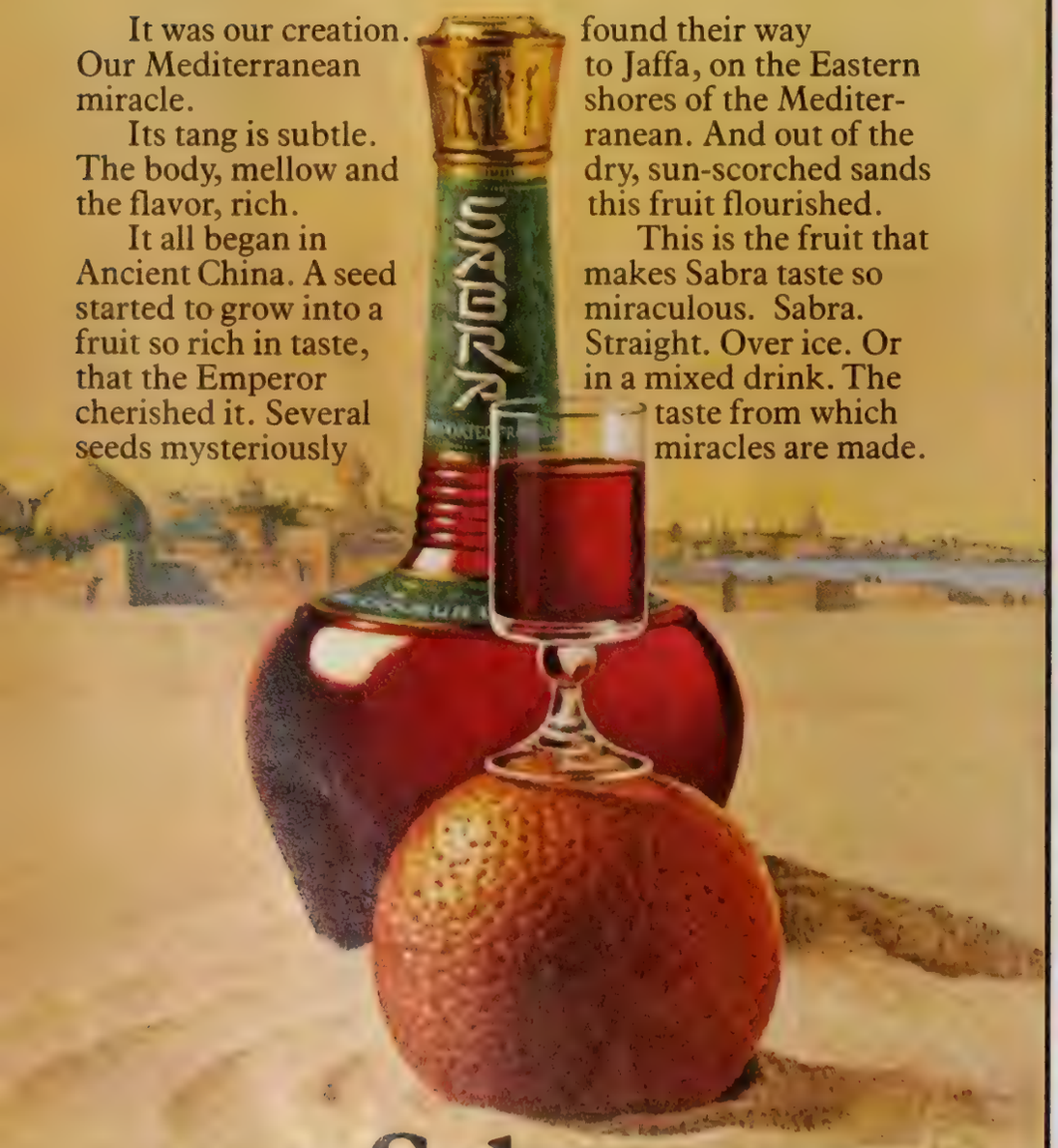
Taste our miracle. Sabra Liqueur.

It was our creation. Our Mediterranean miracle.

Its tang is subtle. The body, mellow and the flavor, rich.

It all began in Ancient China. A seed started to grow into a fruit so rich in taste, that the Emperor cherished it. Several seeds mysteriously found their way to Jaffa, on the Eastern shores of the Mediterranean. And out of the dry, sun-scorched sands this fruit flourished.

This is the fruit that makes Sabra taste so miraculous. Sabra. Straight. Over ice. Or in a mixed drink. The taste from which miracles are made.



Sabra
IMPORTED LIQUEUR

IMPORTED AND BOTTLED BY PARK AVENUE IMPORTS, 375 PARK AVENUE, N.Y.C. 52 PROOF

MEAL IN MINUTES

MENU FOR FOUR
One-dish chicken dinner
Cantaloupe salad

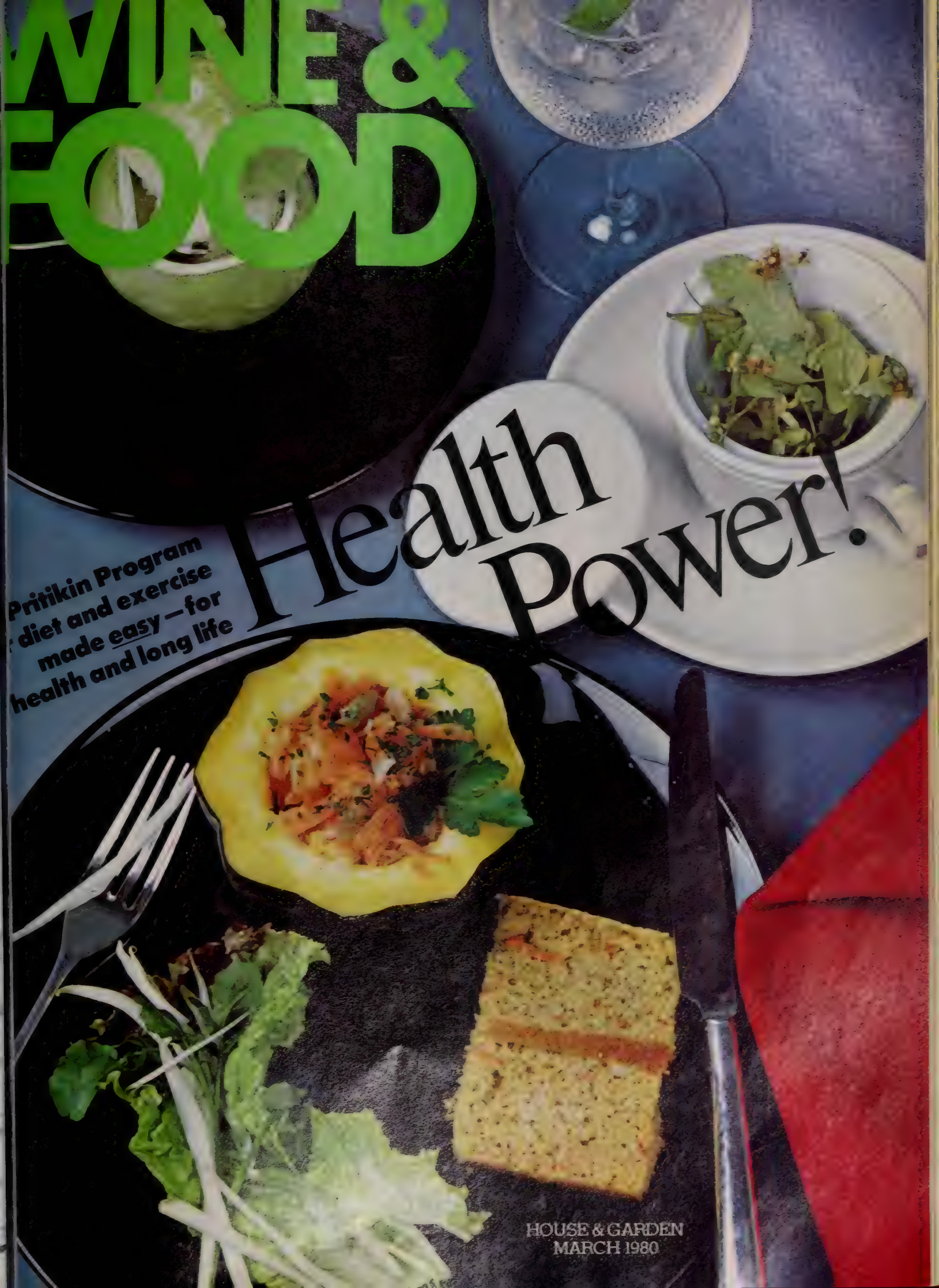
In 1975, one year before Nathan Pritikin opened his Longevity Center, Irene Liggett and Evelyn Mandel founded the Institute for Creative Aging in Los Angeles. Through the years, members of the Institute have shared recipes which fulfill their needs for quick, economical, low-calorie, low-fat dishes—the kinds of meals we're all searching for. Now over 200 of those recipes are collected in *The Good Age Cookbook* (Houghton Mifflin) by the co-founders and Jan Harlow, who is on the board of directors. "Although we started the book to help senior citizens with meal planning, it became clear as we went along that we were writing a guide to good eating for people of *any* age, says Ms. Harlow. Since the chicken dish, cooked with rice, and the salad provide protein, fat, complex carbohydrates, and naturally occurring sugars, no dessert is necessary, and Ms. Harlow suggests serving the cantaloupe salad after the main course. It's a dinner that practically takes care of itself. The chicken simmers an initial 20 minutes with tomato sauce, onion, and seasonings. Add brown rice and cook another 20 minutes—you can toss cantaloupe and cucumbers with yogurt in that time—then stir in mushrooms and white wine, simmer 5 final minutes, and serve.

One-dish chicken dinner

INGREDIENTS

1 onion, peeled and diced
1 clove garlic, peeled and minced
1 tablespoon vegetable oil
1 2½–3-pound broiling or frying chicken, cut into serving pieces
1 8-ounce can tomato sauce
1½ cups hot water
1 bay leaf
¾ cup uncooked brown rice
6 fresh mushrooms, sliced
½ cup white wine *(Continued, page 180)*

Opposite page: *A full meal on the Pritikin Program combines taste, color, and texture. Baked acorn squash stuffed with carrots, pineapple, and golden raisins makes a meatless main dish to team with green salad and whole-wheat cornbread. For dessert, pear sorbet spiced with ginger; mineral water and Linden tea to drink. Handmade black-glass plate, Of All Things; ceramic pear by Barbara Eigen and "Pride" silverplate flatware, Bailey/Huebner, Henri Bendel; red linen napkin, Henri Bendel; white porcelain tisane cup, St. Remy l'Herbier de Provence. See Shopping Information; recipes, page 172.*


WINE & FOOD
Health Power!
Pritikin Program
diet and exercise
made easy—for
health and long life
HOUSE & GARDEN
MARCH 1980

Look again!

You are reading this through a glass washed in Dishwasher **all**. The reason it's so sparkling clean and clear is the special Rinse Agent Formula in Dishwasher **all**. It gets everything spotless as can be.

The Great Carbohydrate Comeback

The Pritikin Program means *listening to your body*, doing something good for yourself—you lose nothing but excess pounds, and you gain a feeling of well-being that pervades all areas of your life," says Rochelle Udell, art director of *Self* magazine, who spent three weeks at Nathan Pritikin's Longevity Center in Santa Monica, California. "I don't consider it a diet, but there's no other word to describe it—the program becomes a way of life. It's not restricting or limiting—I don't have to watch a clock or consult a notebook, and I don't make excuses for myself as I did on other diets." The benefits are self-perpetuating, self-sustaining, as well: "The positive aspects of my life have been escalated—I take pride in my 'wellness,' and it's contagious! The Pritikin Program is totally nourishing."

Begun in January 1976, the Longevity Center evolved from Mr. Pritikin's own health problems and his response to them. When he was diagnosed as having coronary insufficiency in 1958, he altered his diet to lower his cholesterol. He later combined dieting with walking and running to develop corollary circulation. By 1966 he could run 7 miles without stopping. Ten years later he opened the center with nine patients and six spouses. The results achieved at the Center amaze everyone except Pritikin, an Honorary Fellow of the International Academy of Preventive Medicine, who has been preaching the beauties of complex, unrefined carbohydrates in his books *Live Longer Now* and *The Pritikin Program* (with Patrick McGrady Jr., published by Grosset & Dunlap).

As Americans become more attuned to preventive health care, the Pritikin program has developed a widespread audience. And carbohydrates, once the bugbear of dieters, have become the stars of the Pritikin nutrition world. Controversy still swirls about the role of carbohydrates, but gradually evidence mounts that the foods that have sustained people through the ages are perhaps still the most healthy. And the link between diet and health (or disease) has been firmly established. Rice feeds most of the world's population, and almost every culture uses beans and grains—red or black beans and rice, Indian lentils and rice—which provide good-quality protein easily assimilated by the body.

Any diet as radical as Nathan Pritikin's is bound to meet resistance, but much can be learned by studying it and applying some of its principles to your own dietary habits. (It is also a very inexpensive way to eat!) The average American diet consists of: 40–45 percent of total calories in mostly refined carbohydrates; 40–45 percent fat; 15–20 in protein. The Senate Select Committee on Nutrition and Human Needs, after its hearing, published its *Dietary Goals* which recommend adjusting the American diet to roughly: 48 percent of total calories in complex carbohydrates and naturally occurring sugars; refined sugars, 10 percent; fat, 30 percent; protein, 15 percent.

People who follow the Pritikin diet eat 80 percent of their total calories in mostly complex and unrefined carbohydrates, 5–10 percent fat, 10–15 percent protein. They achieve this balance by eating no added fat or sugar, limiting animal protein to about 3½ ounces a day or 1½ pounds per week, and choosing lean fish and chicken and nonfat dairy products.

The material below and on the following pages gives an introduction to the Pritikin Program. As for any diet and exercise program, consult with your doctor before beginning, and, if you are over 30, have a treadmill stress test done.

Two ways to begin: A gradual approach—try to eliminate sugar, salt, and coffee from your diet. Limit fat intake and pay close attention to cholesterol (only found in animal foods *and* found in lean chicken as well as prime beef). It is important not to make the mistake of weaning yourself off a forbidden food

Continued on page 161

The Pritikin Program Maximum Weight Loss Diet

Eat all day to lose weight! from the unrestricted foods

Time of serving	Food eaten		Size of serving	Approximate calories
7:45-9:00	*Cracked-wheat cereal*		*3½ ounces*	75
	Bran		*2 tablespoons*	30
	Skimmed milk		*4 ounces*	40
9:00—10:15	*Grapefruit*		*½ grapefruit*	50
10:15—11:45	*Crookneck squash (cooked)*		*1 cup*	27
11:45—12:45	*Tomato bouillon soup*		*6 ounces*	42
12:45—1:45	**Salad:**	*Lettuce*	*1 cup*	8
		Cucumber	*6 slices*	4
		Tomato	*½ tomato*	15
		Carrots	*½ cup*	12
		Cauliflower	*¼ cup*	7
		Celery	*¼ cup*	5
		Bell pepper	*¼ cup*	8
		Bean sprouts	*½ cup*	18
		Salsa	*¼ cup*	12
1:45—3:00	*Green beans (cooked)*		*1 cup*	31
3:00—4:00	*Italian vegetable soup*		*6 ounces*	66
5:30—6:45	**Dinner:**	*Salad (see 12:45–1:45)*		
		Vegetable cutlets	*2 patties*	132
		Oven-roasted potatoes	*2 ounces*	55
		Broccoli	*¾ cup*	30
8:15	*Assorted raw vegetables*		*1 cup*	32

Chart shows how Longevity Center patients can diet while keeping energy at a high level.

It's a way of life

Nathan Pritikin's plan for new eating and exercise patterns to live longer, healthier

Every morning at the Pritikin Longevity Center, each guest dons a T-shirt listing the meals for the day. First a weigh-in and blood test, then out for a walk or jog before breakfast at 7:45 A.M. **Diet and exercise,** the two halves of the Pritikin Program, fit together to alleviate and prevent degenerative diseases: heart disease, hypertension, diabetes, arthritis, hardening of the arteries, obesity. **Eat 80 percent carbohydrates:** Complex, unrefined carbohydrates—potatoes, rice, beans, grains, vegetables, and fruits—provide energy for your body and brain. Forget the old-fashioned wagging fingers and indulge in potatoes. You'll be happier. Leave behind all fat, sugar, added salt. Control intake of protein and cholesterol: Diet, not exercise, controls blood cholesterol levels. **Walk, run, skip, jump**—it's up to you and the shape you're in, just *move!* Two half-hour walks a day at a brisk pace to work your legs, your heart, burn off fat, improve and build collateral circulation. Recipes, page 172.

Steve Berma

The diet that comes on a T-shirt

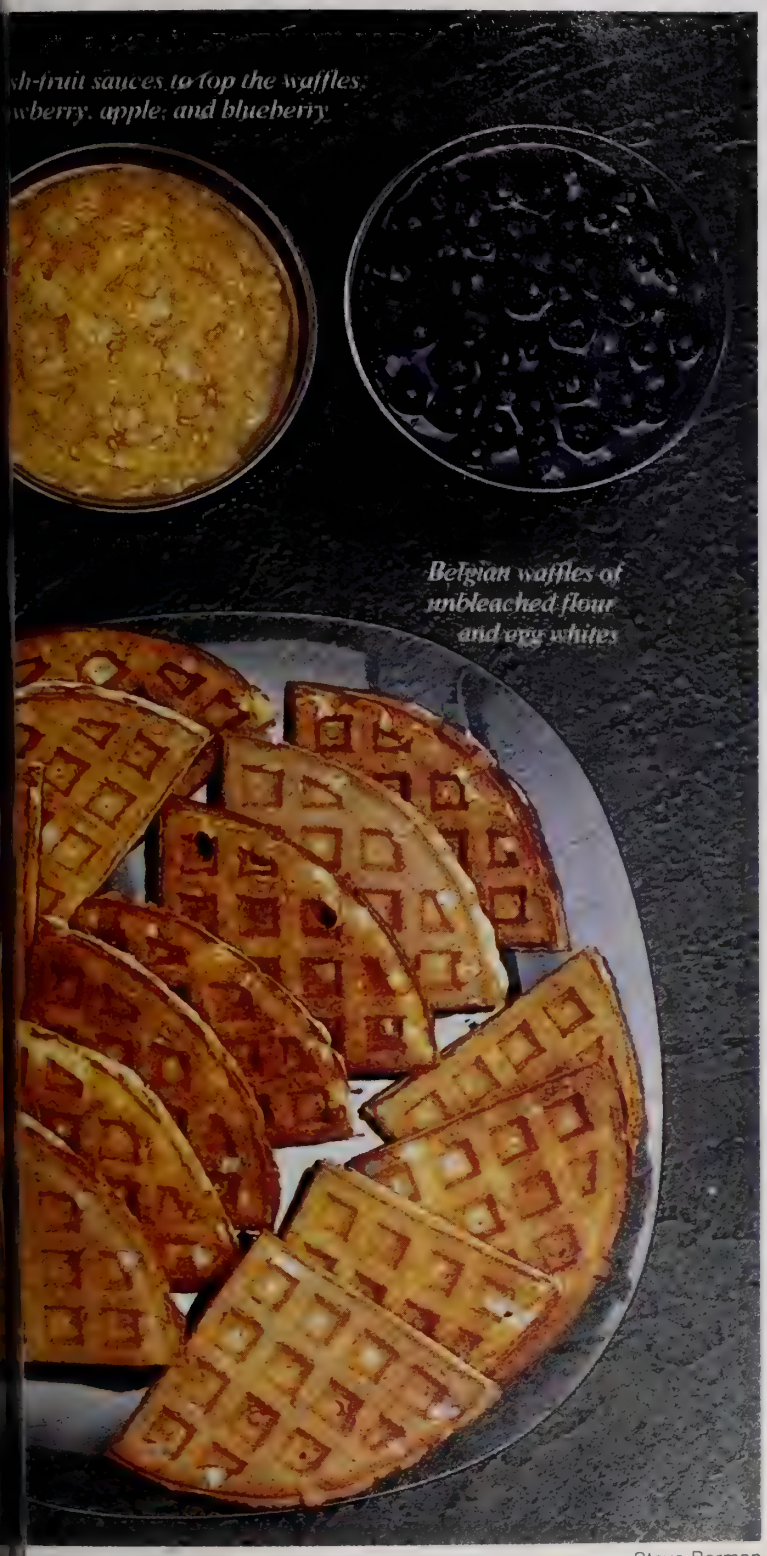
A full day's menu on the Pritikin program allows almost nonstop eating! Eight small meals emphasize fresh foods

Diet+Party=Hearty

Unrestrained celebrating at a mid-morning brunch, after-theater supper, or a buffet lunch all of

Buffet

make-ahead dishes



Steve Berman

(continued from page 157)
onto a chemical substitute.

Or, if it's easier for you, "cold turkey"—throw out everything not allowed and go shopping for the foods that are. Expect to feel "different" the first few days while your body adjusts. Take precautions and reward yourself during the period of adjustment with a beautiful book, a pair of theatre tickets. Ask your family for its help. Patients at the Center are encouraged to bring a companion who may or may not take the program. It is very important to have that close familial support.

Shopping List:

Nonfat dairy products: milk, yogurt and uncreamed cottage cheese (homemade are best), buttermilk, Sap Sago (a hard cheese from Switzerland for grating to flavor foods).
Grains: Bran, cracked wheat, rolled and/or steel-cut oats, brown and wild rice, buckwheat, bulgur (parboiled cracked wheat and the fastest cooking grain), millet, barley, hot cereals, Grape Nuts, whole-wheat flours.
Breads: Make sure to read labels and choose breads and crackers without added fats and sugar. Where possible, choose unsalted brands (or make your own). Corn tortillas, pita bread, sourdough, and sprouted wheat bread are good choices.
Pastas (without egg or soy flour): Choose whole-wheat versions.
Fresh produce and meats: All fruits and vegetables (except olives, avocados, nuts—chestnuts are acceptable), fresh fruit juices, raisins, currants. Plus herbs (fresh sweet basil does wonders for tomato sauce; grow your own herbs in a window sill), lean meat, chicken, turkey, fish. *Canned goods:* Tomatoes (whole, as sauce or paste), vegetables and beans, green chili salsa, enchilada sauce, water-packed tuna, evaporated skim milk, applesauce, water or juice-packed fruit. Capers, vinegars (a good place for herb vinegars), mustard, hot sauce, pickles, Kikkoman salt-reduced soy sauce, dried herbs and spices, club soda (preferably low-sodium) and seltzer, mineral water, linden-flower tea.

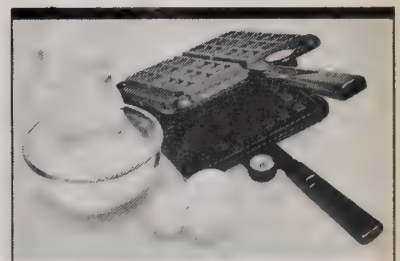
Tips to help take fat, cholesterol, salt, and sugar from the diet:

Think of meat, chicken, etc. as flavoring agents rather than main events.

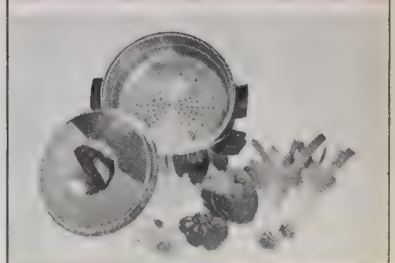
Learn the powers of herbs and spices. These are your best friends to add excitement to cooking.

Continued on page 172

Health Power!



Non-electric Belgian-waffle iron lined with SilverStone. Nordic Ware.



Stainless steel 4-quart saucepan with 2 3/4-quart steamer insert. Ecko.

8-quart pressure cooker-canner of extra-thick aluminum alloy. Mirro.

Joshua Greene

Programmed Entertaining

Surprise! Delicious "diet" food to share with friends

Proselytize by example—invite curious friends over for a meal to show how good it can be. A little creativity goes a long way as the buffet, *above,* shows. Soups convert unbelievers with their satisfying crunchiness, besides being easy for the cook—and inexpensive!

Or, serve two entrées—one strictly according to the program, one for those who insist on something more.

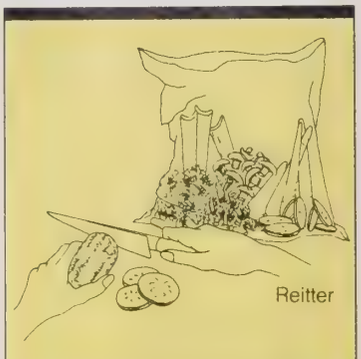
Try a "covered dish" supper: Prepare an entrée, bread, and salad, and ask guests to bring other dishes to supplement the meal. Put butter, salt, and oil on the table for guests who cannot do without. Recipes, page 172.

Restaurant tips:

Call ahead: A good restaurateur enjoys making patrons happy. If told in advance, it is no more work for a kitchen to prepare foods that work for your diet.
Eat the bread: The slight amount of shortening in the bread, if any, won't hurt as an occasional substitute for the whole-grain breads at home.
Order a baked potato: Eat two potatoes if they are the only acceptable vegetable on the menu!
Send food back: Since the restaurant was forewarned, send dishes back that are not prepared to your order.
Doggie bags: Bring one *to* the restaurant stuffed with raw vegetables to munch on or to add to a salad while you wait for an entrée.
Restaurant survival kit: A lemon, linden-tea bags, bran, salsa, whole-wheat bread, raw vegetables, cooked rice or bulgur, fruit.

Travel survival kit when flying or on the road:

Linden-tea bags, sourdough bread, uncreamed cottage cheese in plastic container, fruit, two thermoses—one for nonfat milk, one for hot soup; a small box of Grape Nuts or plastic bag of homemade dry cereal, containers of cooked rice, salad, raw vegetables, small container of dressing.
Know the menu: On airlines, vegetarian meals often feature eggs; diabetic meals can include too much protein. Call ahead and you may be able to order a Pritikin meal.
Eat less: When traveling, your exercise may be restricted. If you eat less on the way, you will feel better when you arrive.
Eat when hungry: Listen to your stomach, not the clock, and carry bread and raw vegetables to get you over a hump. You will be less likely to stop at a poor restaurant out of desperation.
No-cook hot cereal: Put cracked wheat in a thermos, add boiling water, close. In the morning, the cereal will be ready to eat. Carry nonfat milk powder instead of a second thermos.



Carry a plastic bag filled with raw vegetables and eat them all day long

When you're a guest:

Tell your host ahead of time about your diet. The more candid you are about the importance of your diet, the easier it is for others to help you.

Just ask that some vegetables be steamed for you, some salad left undressed, that you have a baked white or sweet potato. There will be no extra work involved for the host. Bring an entrée for everyone to try.

You can eat before you go so that you can get through cocktail hour without being tempted. Drink seltzer or mineral water with a twist.

Equipment

Stick to the essentials

For fat-free cooking, *nonstick-finish pans* are a must. Get several baking pans, a cookie sheet, 1–2 skillets. A *pressure cooker* speeds cooking of stews and beans. A *slow cooker* is good for getting the most flavor from ingredients. A *blender* and *food processor* will speed preparation of the many vegetables.

Bread news

In March, Pritikin Stone Ground Whole Wheat Bread, baked according to the Pritikin formula by Interstate Brands, will be appearing in stores in major cities across the country. Look for it in refrigerated or frozen-foods sections.

Steve Berman

Chinese Chicken with steamed vegetables White rice

Chinese restaurants usually cook food to order. Ask for vegetables steamed or cooked in broth with some skinless chicken. No oil, MSG, none or very little soy sauce.

Italian minestrone Bread, salad Whole-wheat pasta with marinara

The hard-wheat pasta can stand in for whole wheat when eating out. Top with an oil-free marinara sauce and stay away from Parmesan.

What to

rench broiled sole fillets
ised endive with scallions
Whole baby carrots

for half a portion of the and double the tables. With the growing ularity of steaming, it's er to order meals without ter and sauces.

Small broiled trout
Baked potato
Broccoli spears

Choose lean fish in seafood restaurants. Have your entrée baked, broiled, or poached without fat. The fish can be prepared with wine, lemon, mustard, spices.

Steamed-vegetable platter

Vegetarian, health food, and many other restaurants will steam an assortment of fresh vegetables. Have a baked potato. Salad bars can save your diet—load up on lettuce, raw vegetables, chick peas. Skip dressings.

Mexican corn tortillas
Gazpacho with lime
Tomatoes, lettuce, onions

Steamed corn tortillas mean survival in a Mexican restaurant. Ask for a bean or chicken enchilada without cheese. It won't have much oil. *Recipes, page 172.*

order when eating out

SWEET & SPICY SPIRITS

28 new liqueurs for sipping and cooking

BY B. J. CUTLER

A collection of tastes to try—a hint of orange, coffee, buttery caramel, chocolate plus mint, anise

The standard dictionary tells us that a liqueur is a distilled alcoholic beverage flavored with aromatic substances, usually sweetened. But that is like saying Marilyn Monroe was a female human being: The definition is technically accurate but hardly does justice to the subject. Liqueurs are among the most appealing, warming, and useful drafts ever devised by man. They are invaluable in cooking and in mixing drinks, and when taken straight, sparingly in small glasses after dinner, they put a festive cap on an evening.

Precisely when the first liqueur came into being is lost in the mists of history. It probably took place a thousand years ago when unsung geniuses began to add sweet syrup to tame the fierce distilled spirits of the day and mingled them with herbs to improve their flavor. We know that in the early Middle Ages plants and herbs of many kinds were steeped in alcohol, which was used as the preferred medicine of the time. There may have been some scientific soundness to the practice, for mankind survived the era's plagues and other unpleasantnesses. Today we have formulated effective medicines (most of which taste awful) and have liberated liqueurs to serve as a treat. Perhaps the sole people to keep a residual belief in the therapeutic value of liqueurs are the French. They include them in the category of *digestifs*—strong spirits supposed to settle the stomach and aid digestion after a heavy meal. It is unclear whether the French really *believe* that, or merely cling to the theory as an excuse for having a drink after dinner!

Many excellent liqueurs, among them Grand Marnier, Benedictine, Cointreau, Drambuie, crème de menthe, and Southern Comfort, are world famous and well-established. Recently, industry experts have noted that young people, willing to try new things, are discovering new liqueurs—some have just come to market, others have been known abroad and are becoming widely available in the United States—and are also experimenting with older favorites in mixed drinks and in cooking.

The flavors of citrus fruits and brandy marry extremely well and have long been a popular combination. Mandarine Napoléon ($5.95 for 11.5 ounces) is well-known in Europe and now is making its mark here. This 80-proof liqueur is made in Belgium from cognac and Andalusian tangerines (*mandarine* being French for tangerine) marinated in white alcohol. The result is a light but bracing, dry after-dinner drink with a fine citrusy bouquet. One teaspoon in 4 ounces of sparkling wine makes a perfumed champagne cocktail. Mandarine is useful in cooking, when, for example, added to sauce for duck à l'orange or in soufflés. In desserts, a bit poured over orange slices, melon, figs, or pineapple enhances the dishes. Instead of dessert, a small glass of Mandarine served neat with plain cookies, or a tablespoon added to espresso, will save a cook's time and delight guests.

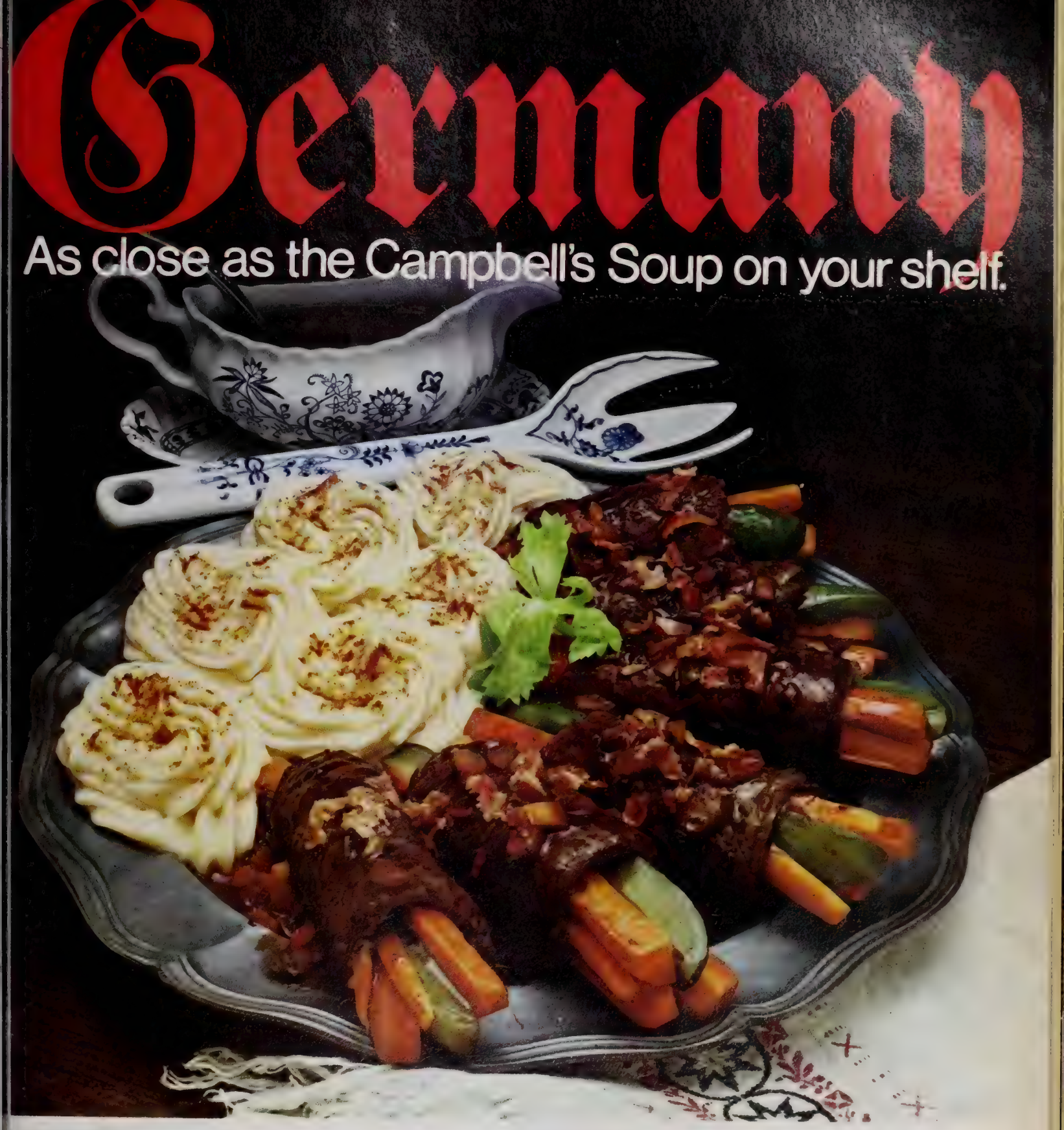
Another famous citrus-based beverage is curaçao, made in many countries. Now we can buy it from, of all places, Curaçao, the island in the Dutch West Indies where the product originated. Senior Curaçao of Curaçao ($7.95 for 25.4 ounces) owes its bright flavor to the green laraha orange grown only on that island. The strong orange flavor of this modestly-priced drink makes it practical in cooking. It can flavor crêpes at half the price of other liqueurs. Curaçao, which is 62 proof, can be drunk straight and on the rocks, poured over fresh fruits, used in Margaritas, and in a wicked version of the Orange Blossom: 1 ounce dry gin, 1 ounce curaçao, ¼ teaspoon confectioners sugar; shake with ice and strain into cocktail glass. The liqueur goes well over vanilla and chocolate ice creams and can be the key to this flamed banana dessert: Cut 4 bananas in half lengthwise. Sauté in 6 tablespoons butter and 4 tablespoons brown sugar. Pour 4 ounces curaçao in hot pan over bananas. Ignite. Serve as soon as flames die down. Serves 4.

Chocolate is an ideal flavoring for alcohol, and many established chocolate-based liqueurs deserve their success. A new entry is Droste Bittersweet Chocolate liqueur ($11.49 for 25.4 ounces): Its chocolate comes from the old Droste firm in Holland. This 54-proof, amber-colored beverage achieves a fine balance between the bittersweet chocolate and alcohol. The fact that it is less sweet than many chocolate liqueurs makes it an ideal drink to be taken straight. As an experiment, Droste was tasted against Vandermint, a well-known mint-flavored chocolate liqueur, also from Holland. Vandermint ($5.49 for 11.5 ounces) also was not too sweet and showed, as its name suggests, a strong chocolate-mint taste. Coffee to which 1.5 ounces of Droste or Vandermint has been added, topped with whipped cream, is excellent. An equal amount of light

Continued on page 166

Germany

As close as the Campbell's Soup on your shelf.



eef Rouladen

slices bacon, cut in half
½ pounds thinly sliced round steak (¼ inch thick)
tablespoons Dijon mustard
medium dill pickles, cut in quarters lengthwise
medium carrots (about 1 pound), cut in quarters lengthwise
¼ cup finely chopped onion
1 can Campbell's Beefy Mushroom or Golden Mushroom Soup
½ cup chopped celery
½ cup chopped parsnips
2 tablespoons chopped parsley

skillet, cook bacon until crisp; remove and crumble. Cut meat into 6 eces (6x4"); pound. Spread each with 1 teaspoon mustard. Place 2 eces of pickle and 4 pieces of carrot across the narrow end; sprinkle th 2 teaspoons onion. Starting at narrow end, roll up. Tuck in ends; sten with toothpicks or skewers. Brown roll-ups in drippings; pour off t. Stir in soup, celery, parsnips and parsley. Cover; cook over low heat nour 15 minutes. Stir occasionally. Thin with water if desired. Serve with ashed potatoes. Garnish with bacon. Makes 6 servings.

Kartoffelsuppe (NOT SHOWN)

½ pound frankfurters or 2 knockwurst, diagonally sliced
½ cup chopped celery
¼ cup finely chopped onion
¼ teaspoon celery seed
2 tablespoons butter or margarine
2 cans Campbell's Cream of Potato Soup
1½ soup cans milk
¼ cup chopped parsley

In large saucepan, brown frankfurters and cook celery and onion with celery seed in butter until tender. Blend in soup, milk and parsley. Heat; stir occasionally. Makes about 5½ cups.

A world of good cooking brought home with Campbell's.

continued from page 164

cream added to Vandermint or Droste makes a smooth on-the-rocks drink. And both can heighten the quality of a chocolate mousse when a few ounces are added to the mixture before beating and chilling.

The latest contestant in the chocolate derby is Baileys Original Irish Cream ($11.68 for 25.4 ounces), though it doesn't stress chocolate in its promotion. Baileys is a combination of two of Ireland's famed products, Irish whiskey and fresh dairy cream, with a bit of chocolate flavoring. The result is an attractive, not-too-strong (34 proof) tan-colored liqueur in which the ingredients enhance but do not mask each other. One can distinguish and enjoy the smoothness of the cream, the power of the whiskey, and the mild chocolate taste. Baileys is already popular in Europe and Australia. It is good as a straight drink slightly chilled and as a top to a demitasse.

Since citrus is a classic addition to liqueurs—and chocolate is, too—an Israeli distiller decided to try both together. The result is Sabra ($5.49 for 11.5 ounces), which combines the flavor of Jaffa oranges and chocolate in a 52-proof after-dinner beverage. It is good in the Israeli version of Irish coffee: 1.5 ounces of Sabra in a cup of black coffee, with whipped cream on top. Sabra can be sipped straight and improves if it has been chilled or is served on the rocks. It is an interesting flavoring over vanilla and chocolate ice creams and orange sherbet.

For tea lovers who can't get enough of their favorite taste, two tea-flavored liqueurs have arrived in the shops. Tiffin Tea Liqueur ($9.49 for 25.4 ounces) is a strong, 70-proof creation from Munich. It combines the bouquet of tea with the flavor and punch of brandy. Tiffin can be drunk straight up but is more refreshing on the rocks. To make an iced "tea" with a kick, use 1.5 ounces Tiffin in a tall glass filled with ice cubes, water, and a lemon slice. A nice frappé can be made by whizzing in a blender or food processor 3 ice cubes, 2 ounces water, and 1.5 ounces Tiffin. On a cold day a hot "tea" would consist of 1.5 ounces of the liqueur in a warm cup to which boiling water and a slice of lemon are added. From the large Japanese firm of Suntory comes Green Tea Liqueur ($8.99 for 24 ounces). This very dark green 50-proof liquid combines the flavors of mild tea, syrup, and alcohol. It is less sweet than crème de menthe and is interesting on the rocks before or after dinner. Green Tea can be used over ice cream, kiwifruit, chilled fresh grapefruit slices, or melon balls. It is also good over shaved ice in a small glass with a sprig of fresh mint.

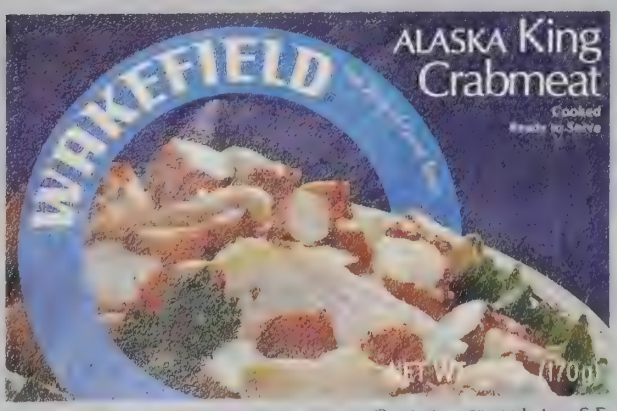
For many years almost every country touching on the Mediterranean has been producing liqueurs flavored with the seeds of the star anise plant, giving these drinks the characteristic taste of licorice. One of the best is Sambuca, a favorite in Roman cafés that is winning followers in this country. The makers of Liquore Galliano, who taught Americans to drink Harvey Wallbangers, now are shipping their Sambuca di Galliano ($3.99 for 8 ounces). This 84-proof drink should be treated with respect; it has a way of sneaking up on you. It has a strong bouquet of licorice and a powerful, fragrant, syrupy taste. Sambuca is good neat, chilled or on the rocks. The typically Roman way to drink it is to pour an ounce or more in a small glass and to float three roasted coffee beans on top. Then crush the beans one by one between the teeth and sip Sambuca through each bean. Half an ounce or so of the liqueur in a cup of espresso or black coffee is another treat. Sambuca Romana ($5.99 for 11.5 ounces) is another fine brand widely available here. In addition to the above uses for Sambuca, its distillers recommend an ounce over shaved ice in a cocktail glass, to be sipped through a short straw.

From the other end of the Mediterranean, Israel sends Carmel Arack ($5.95 for 25.4 ounces), a very strong, very in-

Continued on page 169

The Wakefield Weekend.

To set a weekend apart from the ordinary, try a brunch. And to move your brunch beyond the expected, serve Wakefield Crabmeat. It's outstanding in omelettes, beautiful in crab benedict, creative in crepes or quiche. And whether you plan for two or twelve, there's very little work involved. So look for Wakefield in your grocer's freezer and make this weekend wonderful. Make it a Wakefield weekend.



ALASKA CRAB QUICHE

1 (6 oz.) pkg. Wakefield Alaska King Crabmeat
1 nine-inch pie shell
4 eggs
1 c. half-and-half
½ tsp. salt
1 (4 oz.) can sliced mushrooms, drained
1 tsp. chopped chives
Dash pepper
Dash nutmeg
½ c. grated Swiss cheese

Thaw and drain crab. Beat together the eggs, half-and-half, and seasonings. Place mushrooms and crab in bottom of pie shell. Sprinkle with cheese. Add egg mixture and bake at 375° for 35-40 min. or until center is firm.

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Oooh! Frosty, frothy Piña Colada.
Simply shake or blend 1 oz. cream of coconut and 2 oz. unsweetened pineapple juice (or use prepared mix), with 1½ oz. Bacardi dark rum and crushed ice. Serve tall with ice and a pineapple spear.

Ahhh! Simply sublime Daiquiri.
Just shake or blend juice of half a lime or lemon and ½ tsp. sugar (or use prepared mix), with 1½ oz. Bacardi light rum and crushed ice. Strain and serve in a cocktail glass or on the rocks.

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continued from page 166

expensive anise-flavored liqueur. Carmel Arack is 100 proof, which some may find too strong for sipping straight up. When chilled, it is an interesting after-dinner drink, less syrupy than many of its type. It can be used like Sambuca in coffee, but because of its low price it has a special role in the kitchen. For example, Arack can be substituted for fennel in preparing a whole baked sea bass or rockfish. When the fish is done, toss some dry dill branches around it, pour a couple of ounces of Arack in the hot baking dish, ignite, and stand back—it burns fiercely. The result: instant fish flambé with an anise flavor. In northern Europe, Belgium to be exact, Smirnoff is producing a vodka-based liqueur with the flavor of anise and perhaps a touch of citrus. Vaklova ($9.95 for 25.4 ounces) is a subtle drink—smooth, not too sweet, mildly tasting of licorice and still evocative of vodka. Chilled, it makes a beguiling after-dinner drink.

The tastes of nuts and alcohols are most compatible, one reason why the almond-flavored Amaretto from Italy took this country by storm a few years ago. Now Frangelico, a pale brown liqueur with the bouquet and taste of hazelnuts, is trying to duplicate Amaretto's success. Frangelico ($10.49 for 25.4 ounces) is soft, a bit drier than Amaretto, and most useful with desserts and as a nip after dinner. It is pleasant poured over vanilla, butter-crunch, and indeed any ice cream with nuts. A few drops of Frangelico can elevate a small cup of biscuit tortoni to an exotic dessert.

One recent find contains no nuts and isn't even a liqueur—but belongs in the category anyway. It is Walnut Brown ($4.99 for 25.4 ounces), a new sherry from Williams & Humbert, makers of Dry Sack. Walnut Brown, at 41 proof, is stronger than some true liqueurs, and its power and rich bouquet enables it to be sipped as a liqueur. Dark brown in color, it comes across as a very full, mildly-sweet sherry with a hint of walnuts. At its low price it is a bargain and can be served with coffee and unsalted nuts such as pecans, walnuts, and toasted almonds. It also can be added to the juices of roasts. A pork loin marinated in Walnut Brown and basted with its liquid is excellent.

Still in the nut flavor: Amaretto & Cognac ($4.69 for 12 ounces) is Hiram Walker's entry. It is a smooth and soft 50-proof liqueur. An ounce or two on the rocks is a pleasant drink. It also is a welcome addition to iced coffee and to unsugared hot coffee topped by whipped cream. Praline ($8.99 for 25.4 ounces) is a 40-proof New Orleans liqueur. The color of cognac, it is reminiscent of that city's praline candy made from pecans, vanilla, brown sugar, butter, and cream. Praline is drunk straight or on the rocks. It can dress up vanilla or butterscotch ice cream, pancakes, waffles, and dessert omelets. When heated, praline will flame and add zest to crêpes or fresh pineapple slices.

One of the oldest and most successful of liqueur makers' tricks is to combine the taste of fresh fruit with alcohol. Pear William ($8.99 for 23.6 ounces) is a new import from the well-known French firm of Marie Brizard. It is a brilliantly clear, 60-proof drink bursting with the aroma of ripe Bartlett pears. It is very good straight, chilled or on the rocks. In cooking it works well over baked pears or sliced pineapple; with melted butter it can be sprinkled on crêpes or dessert waffles. Pear William adds a subtle flavor to whipped cream for cakes and fruit desserts.

Yet another new flavor is found in Bogg's Cranberry Liqueur ($5.79 for 16.9 ounces), a bright red 40-proof beverage with the authentic fragrance and mildly acidic taste of cranberries. Small sips of chilled Bogg's with the holiday turkey can replace the need for both cranberry sauce and wine. It goes well with small meringues, over vanilla ice cream, and added to mincemeat pie. At Christmas it can be warmed, poured over steamed fruitcake, and flamed just before serving. Also bright red and popular is Hiram Walker's Strawberry Cordial ($5.69 for 24 ounces). Its true strawberry flavor adds zip to vanilla and strawberry ice creams and fruit sherbets. Three ounces vanilla ice cream, 1.5 ounces Strawberry Cordial, and 3 ice cubes whizzed in a blender make a delightful drink. Other uses: Drink straight or chilled, pour over fresh strawberries, cantaloupe balls, strawberry soufflé, or shaved ice.

The latest offering from Leroux, which produces a broad line of imported and domestic liqueurs, is Jeżynówka, a Polish-style blackberry-flavored brandy. It has the pleasant, fresh aroma and flavor of the fruit and the power of 70-proof alcohol. This inexpensive ($5.28 for 24 ounces) drink can be used straight as a cordial, on the rocks, or in cooking. It flames well and is good sprinkled on Cherries Jubilee. A couple of tablespoons added to the sauce of duck with cherries might lift a cook's reputation.

Suntory has two new, expensive fruit liqueurs, Aki Plum and Midori Melon (each $3.99 for 6.8 ounces). Plum is dark rosé in color, recalls the bouquet of almonds and cherries, and has a pleasant plum flavor. It is drunk on the rocks or in a highball with club soda, in each case with a lemon twist. As a dessert it can be poured over cherry-vanilla ice cream or sprinkled on cantaloupe or melon balls. Midori Melon is pale green in color and carries a fresh scent of melon. Suggested uses: On St. Patrick's Day add ¾ ounce to vodka on the rocks or 1.5 ounces to club soda in a highball glass. Other days use on lemon sherbet, melons, bananas, pineapple, grapes, or any combination of fresh fruits.

The Caribbean and nearby islands now are active in exporting to the United States liqueurs based on local products. The company that makes Matusalem rum has devised Piñamor ($6.99 for 24 ounces), a pleasant mixture of Puerto Rican rum and pineapple. It is good as a cordial and better on the rocks. At 60 proof it can be flamed when one wants to impart a pineapple-alcohol touch to desserts. It can be drizzled over melon balls or orange slices or used to baste baked pears. Matusalem also blends coconut flavor with rum in Roncoco ($6.99 for 24 ounces). Roncoco and CocoRibe ($8.99 for 25.4 ounces), also a coconut-flavored white rum, are appealing chilled or on the rocks. A shot of either with orange juice and ice in a tall glass makes a highball reminiscent of the islands. They flavor custards; for a frappé, whiz in a blender 1.5 ounces coconut liqueur, 2 ounces light cream, sugar to taste, 1 egg, and 3 ice cubes. Or try 1 ounce Roncoco or CocoRibe in milk for a smooth and soothing treat. Nassau Royale ($9.75 for 24 ounces) is a smooth and sweet after-dinner liqueur containing 22 herbs and spices, most of them from the Bahamas. Its taste has undertones of vanilla or caramel, and it is a plus in the batter of chocolate and spice cakes.

Aficionados of sweet liqueurs need look no further than Cuarenta y Tres from Spain and Bärenjäger from Germany. Cuarenta y Tres ($8.94 for 23.5 ounces) is said to contain 43 different flavors, hence its name. One of those flavors is vanilla, which helps it as a topping for vanilla or coffee ice cream. It is smooth and sweet sipped neat, and for a potent cocktail add an ounce to an equal amount of vodka on the rocks. Cuarenta y Tres gives a lift to fresh pound cake: Poke holes in the cake with a fork and pour a few spoonfuls of the liqueur over it. Or flavor whipped cream with it (1 tablespoon to 1 cup whipped cream) and spread over the cake. Bärenjäger ($9.95 for 23.5 ounces) blends honey with alcohol and strikes an attractive balance between the sweetness of honey and the dryness of brandy. An after-dinner drink, it also can be added to zabaglione and custards or poured over simple cakes. At 70 proof, it flames easily on crêpes and pancakes.

An added bonus: Liqueur manufacturers vie with each other in offering handsome packaging. In many cases when their bottles are emptied of their contents, the purchaser is left with good-looking containers that can be saved as bud vases or decanters. Especially attractive are Droste's pure white bottle, Vandermint's Delft-style flask, Green Tea's pottery cylinder decorated with calligraphy, CocoRibe's white jug, Vaklova's decorative glass decanter, and Bogg's and Walnut Brown's well-shaped bottles. ■

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North Providence ..... Sal's Furniture
Wakefield ..... Frank's Furn. & Appliance, Inc.
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Warwick ..... The Furniture Warehouse
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VERMONT

Bennington ..... Bellemare & Sons, Inc.
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To sauté vegetables: Put a bit of water in a skillet, bring to a boil, add vegetables, and stir while liquid evaporates until vegetables are brown. Or sauté vegetables directly in a dry skillet, making sure not to use too high heat and keeping close watch to prevent scorching.

Blend nonfat cottage cheese with nonfat buttermilk to make mock sour cream. It becomes the base of dressings for all kinds of salads.

Make homemade croutons toasted in the oven to dress up soups and salads.

Make oven-fried potatoes by cutting them into thin sticks and baking in a hot oven on a nonstick baking sheet until they are brown all over.

Make a white sauce by blending flour and cold nonfat milk in the blender, transferring to a saucepan, and stirring until thickened.

Defat stock by chilling until fat congeals on top. Spoon it off, then strain stock through several layers of cheesecloth to catch any remaining fat.

Make your own nonfat buttermilk. If you can't make it at home, strain commercial buttermilk through several layers of cheesecloth or a fine mesh sieve to remove fat particles.

If a recipe calls for an egg, use 2 whites or substitute some liquid for the yolk.

For an unusual breakfast or snack, try hot or cold brown rice with sliced bananas, cinnamon, and nonfat buttermilk or milk.

Sweeten foods with pure ripe fruits, defrosted apple juice concentrate, fruit juices, or dried raisins and currants. Or add a carrot or sweet potato, both naturally-sweet vegetables, to sauces, soups, even breads.

Instead of jams, jellies, and fruit butters, use fresh fruit plus fruit juice, cooked together and thickened with cornstarch or gelatin. Try mashed banana or persimmon. Vanilla extract will pick up and accent the sweet flavor.

Brown foods under the broiler instead of with oil in a skillet and make sure to baste them with stock or other liquid to prevent drying.

"Fry" with a nonstick skillet and "oven fry" by baking breaded chicken, potatoes, eggplant, etc. on a nonstick baking sheet.

Make your own applesauce and spike it with some cranberries. Use it as a topping for whole-wheat pancakes (or stir it into the pancake batter or a cornbread batter).

Make pea soup without the usual bones. Add barley, onion, garlic, celery, carrot, thyme, oregano, pepper, sweet green and red peppers for color.

How to cheat:

Cheating is not obligatory, but you should do it openly without pangs of conscience. The worst thing that could happen would be for the Pritikin Diet to become a source of guilt feelings which would make you more likely to toss out the whole diet through frustration. The descending order of cheating advisability is: sugar, protein, fat, cholesterol. When cheating, fat is stretched to 11 percent of total calories from 8 percent; protein to 16 percent from 13; sugar to 1½ percent from 0; daily cholesterol to 100 milligrams from 70.

Calories:

Followers of the Pritikin Program maintain their weight without worrying about calories very much. But when reading a label at the market and trying to decide whether the food fits the allowable profile in terms of fat, protein, or carbohydrate, a simple computation is possible. Every gram of fat has 9 calories; protein and carbohydrate have 4. Find total calories, usually stated in terms of 100 grams. Then find amount of fat or protein per 100 grams. Multiply the fat figure by 9, the protein by 4. Divide by 100, move the decimal two places to the right.

A handy book for anyone interested in calories is the USDA's *Composition of Foods*, Handbook No. 8. Write the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, for a copy.

Mock sour cream A

INGREDIENTS

1–2 cups nonfat milk or nonfat buttermilk (recipe below)
Crumbled 99-percent-skim-milk cheese or dry curd cottage cheese
Vinegar (optional)

METHOD

☐ Pour about 1 cup nonfat milk into blender. Add a handful crumbled skim-milk cheese and blend. Stop blender and stir occasionally.

☐ Add more liquid or more cheese, blending and occasionally stirring, until mixture resembles sour cream in smoothness and consistency, and desired volume is obtained. Add a few teaspoons vinegar if desired to increase sour flavor.

Note: This mixture keeps well for several days in a tightly closed plastic container but has a tendency to thicken on standing. To thin, stir in a little more liquid. Mock sour cream may also be frozen, then stirred or reblended after thawing.

Mock sour cream B

INGREDIENTS

1 pint large-curd cottage cheese
¼–½ cup nonfat milk
2 tablespoons lemon juice

METHOD

☐ Place cheese in a strainer. Run cold water over cheese until water runs clear, then drain well. Pour rinsed curds into blender, add milk and lemon juice, and blend until smooth.

Herb vinegar dressing

INGREDIENTS

1 cup wine vinegar
¼ cup fresh dill or ½ teaspoon dry dillweed
¼ cup snipped fresh chives
⅓ cup snipped fresh mint
1 clove garlic, finely chopped

METHOD

☐ Combine ingredients in a bowl or jar. Let sit, covered, in refrigerator at least 4 days for maximum flavor. Strain to remove herbs if desired. Makes about 1¼ cups.

Salsa

INGREDIENTS

2 cups fresh tomatoes (peeled if desired)
½ cup onion, finely chopped
1 tablespoon canned green chilies, diced (use more or less, to taste)
½ tablespoon vinegar or to taste

METHOD

☐ Combine all ingredients in a bowl, stirring well. Chill. Serve over green salad, baked potato, rice, or cooked vegetables. Makes about 2 cups.

Garbanzo nut butter

INGREDIENTS

4 cups garbanzo beans
2 tablespoons cornstarch
⅓ cup frozen apple juice concentrate
1 tablespoon vanilla extract
1 tablespoon ground cinnamon

METHOD

☐ Cook garbanzo beans until almost, but not completely, tender. Drain, reserving 1½ cups liquid.

☐ Place cooked garbanzos in single layer on nonstick baking pan. Bake in a preheated 350° oven, stirring occasionally to toast evenly, about 1½ hours. Grind toasted nuts in food processor, blender, or nut grinder to desired consistency.

☐ Blend together in a small bowl cornstarch, apple juice, vanilla, and cinnamon until smooth. Mix in reserved garbanzo bean liquid. Place mixture in a saucepan and cook over low heat, stirring constantly, until thickened. Stir thickened mixture into the ground toasted garbanzos. Refrigerate, covered, if not using right away.

Gazpacho

INGREDIENTS

2 medium tomatoes, finely chopped
1 medium zucchini, finely chopped
1 stalk celery, finely chopped
1 small red onion or 1 bunch green

Continued on page 174

What a diamond ring does for your finger,

Stouffer's Side Dishes do for dinner.

Stouffer's Spinach Souffle and Noodles Romanoff are just two of the 13 side dishes Stouffer's makes. To liven up a simple meal. Or do justice to a special one.

Out-of-the-ordinary dishes. Made with uncommon care. To be uncommonly good. That's why they're the great mealtime accessories.

Stouffer's Side Dishes.
The great mealtime accessories.

CREAM PIE VS.

Turn plain cream pie into higher, lighter, creamy Dream Pie. So easy and m-m-m... so delicious!

On the left, a plain lemon cream pie. On the right, a luscious Lemon Dream Pie. It's made with Dream Whip® Whipped Topping Mix, extra Jell-O® Brand Instant Pudding, and milk. That makes the creamy light difference.

Dream Pie is easy to make 'cause you use Jell-O Instant Pudding, so there's nothing to cook. And best of all, you make the pie all in one bowl.

Dream Pies look great, taste great, and hold their shape beautifully. You'll want to turn your plain cream pies into higher, lighter, creamy Dream Pies.

GF GENERAL FOODS

Pritikin recipes
continued from page 172

onions, finely chopped
1 clove garlic, finely chopped
4 cups tomato juice, well chilled
Juice of 3 limes
Lime slices for garnish
Whole-wheat bread crumbs for garnish (whole-wheat bread toasted until hard, then coarsely grated)

METHOD

☐ Purée ⅓ of the chopped vegetables with a little tomato juice in a blender or food processor. Stir purée and the rest of the vegetables into a bowl containing the lime juice and balance of the tomato juice. Chill mixture well. Garnish with lime slices and pass bread crumbs separately to spoon onto soup. Serves 4–6.

Minestrone

INGREDIENTS

1 medium onion, chopped
1 clove garlic, minced
3 stalks celery, chopped
2 medium carrots, diced
1 zucchini, chopped
1½ quarts liquid: water or a combination of water and tomato juice
1 28-ounce can whole tomatoes, chopped, or diced tomatoes with juice
1½ cups tomato juice
2 tablespoons parsley, minced
½ teaspoon thyme
½ teaspoon oregano
⅓ cup rice
3 cups cooked dried beans (red, navy, lentils, kidney, garbanzo, or combinations)

METHOD

☐ Place all ingredients except rice and beans in a large pot. Bring to a boil and slowly stir in rice. Reduce heat and simmer soup 1 hour, stirring occasionally.

☐ Add beans to soup, then purée about ⅓ of the soup in a blender or food processor. Return to pot and stir well. Heat through and serve. Serves 8.

Note: If you prefer, omit the rice and stir uncooked whole-wheat pasta into simmering soup about 10 minutes before end of cooking period.

Cream of cauliflower soup

INGREDIENTS

12 cups cauliflower, chopped
3½ cups water
¼ cup green pepper, chopped
½ cup carrots, chopped
⅔ cup leeks, chopped
2½ cups white onion, chopped
1 bay leaf
4 cloves garlic, chopped
1 cup nonfat milk
¼ teaspoon powdered mustard
¼ teaspoon curry powder
½ teaspoon onion powder

METHOD

☐ Cook ¾ of the cauliflower in 3½ cups boiling water until tender. Drain (reserve the cooking liquid) and purée the cauliflower, then combine in a large saucepan with the rest of the vegetables, bay leaf and garlic. Cook until vegetables are tender. Stir in the milk and seasonings, and reserved cooking liquid as needed, and simmer until hot. Makes 7½ cups.

Beet borscht

INGREDIENTS

3 medium-sized raw beets
1 16-ounce can diced beets, undrained
1 16-ounce can sauerkraut (use cabbage marinated in vinegar if a lower sodium level is desired)
1 16-ounce can tomato juice
2 teaspoons lemon juice
2 teaspoons vinegar
Dash allspice
Dash cloves
Mock sour cream for garnish
Green onions, chopped, for garnish

METHOD

☐ Boil raw beets in a large saucepan of water until done. Drain, reserving liquid; skin under running cold water, then dice. Return to pan, add remaining ingredients

Lemon Dream Pie...as simple as a, b, c.

2 envelopes DREAM WHIP®
2¾ cups milk
2 packages (4-serving size) JELL-O® Brand Lemon Flavor Instant Pudding*
1 prepared pie crust

*or use any other flavor

a. Prepare whipped topping mix as directed on package (using 1 cup milk) in large mixing bowl. Add remaining 1¾ cups milk and pudding mix.

b. Whip, then beat at high speed for 2 minutes, scraping bowl occasionally.

c. Spoon into pie shell. Chill at least 4 hours.

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ring to a boil, then simmer slowly until flavors are well blended, about 25 minutes. Add reserved beet cooking liquid as needed. Serve hot or cold, garnished with mock sour cream and chopped green onions. Serves 8–10.

Note: For lower sodium level, substitute 8-9 fresh beets, cooked and diced, for the 16-ounce can.

Chinese tomato soup

INGREDIENTS

cup Ortega or homemade green salsa
cups tomato sauce
cups tomato juice
cup brown rice, cooked
cups bok choy, sliced diagonally
cup celery, slivered
cup white onion, slivered
cup green onion, chopped
1½ cups bean sprouts
teaspoon garlic powder
teaspoon onion powder
tablespoons soy sauce (Kikkoman Milder salt-reduced)
teaspoon curry powder
teaspoon chili powder

METHOD

Combine in a large saucepan salsa, tomato sauce, tomato juice, rice, and all vegetables except green onion and bean sprouts. Cook over moderate heat until vegetables are partially cooked but still crisp. Add green onion, bean sprouts, and seasonings, and stir in a bit of water if the soup is too thick. Turn off the heat and let the soup sit for 10 minutes before serving. Makes 7½ cups.

Chinese vegetables and chicken

INGREDIENTS

3 cups defatted chicken broth
2 large onions, cut into chunks
4–5 stalks celery, cut diagonally into 2-inch chunks
1 medium head bok choy, cut diagonally into 2-inch chunks
½ medium Chinese cabbage, shredded
½ pound Chinese pea pods, stringed
2 large bell peppers, cored, seeded, and cut lengthwise into wedges
1 cup mushrooms, sliced
2–3 tablespoons cornstarch
¼ teaspoon garlic powder, or more to taste
1 tablespoon fresh ginger, grated
1½ tablespoons frozen apple juice concentrate
2–3 tablespoons soy sauce (Kikkoman Milder salt-reduced brand), optional
¾ pound bean sprouts
⅔ cup water chestnuts, drained and sliced (reserve liquid)
½ cup canned bamboo shoots, drained (reserve liquid)
2½ cups boned breast of chicken (about 3 medium-sized breasts), cooked and chunked
⅓ cup fresh pineapple chunks
Oriental noodles, uncooked, for garnish (optional)
Dried garbanzo beans for garnish (optional)

METHOD

☐ Bring 2 cups of the chicken broth to a boil in a large pan or wok. Add onions, celery, and bok choy and cook quickly over fairly high heat, stirring continuously, until vegetables are partly cooked but still crisp. Add Chinese cabbage, pea pods, bell pepper, and mushrooms and cook quickly, stirring frequently.

☐ Make a paste of the cornstarch, garlic powder, ginger, apple juice, soy sauce, and a few tablespoons chicken broth. Stir paste into the cooking vegetables and continue stirring while mixture thickens.

☐ Add bean sprouts, water chestnuts, bamboo shoots, and chicken. Cook, stirring, a few minutes more. If sauce becomes too thick, thin with a little chicken broth or liquid from bamboo shoots and chestnuts, or water. If a thicker sauce is desired, make up a little more cornstarch paste and stir into cooking vegetables. Mix in fresh pineapple chunks just before serving. Serve over hot cooked brown rice. Serves 8.

☐ To prepare garnishes: Boil Oriental noo-

Continued on next page

Strawberry Chiffon Squares. Berry, berry delicious.

Life is just a bowl of berries with delicious Strawberry Chiffon Squares.

It's the magic of Eagle® Brand Sweetened Condensed Milk that gives desserts such creamy smoothness. For Strawberry Chiffon Squares, simply combine Eagle Brand with strawberries, marshmallows and other delicious ingredients to create a cool and light springtime dessert.

You'll love the "berry, berry easy" recipe below.

Strawberry Chiffon Squares

(Makes 12 servings)

1/3 cup butter or margarine
1 1/2 cups finely crushed vanilla wafers (about 45)
1 (3-ounce) package strawberry-flavored gelatin
3/4 cup boiling water
1 (14-ounce) can Eagle® Brand Sweetened Condensed Milk (NOT evaporated)
1 (10-ounce) package frozen sliced strawberries in syrup, thawed
4 cups Campfire® Miniature Marshmallows
1 cup (1/2 pint) whipping cream, whipped
Whipped topping or cream and fresh strawberries, optional

In a small saucepan, melt butter; stir in crumbs. Pat firmly on bottom of 11-x-7-inch baking dish. Chill. In large bowl, dissolve gelatin in boiling water; stir in sweetened condensed milk and undrained strawberries. Fold in marshmallows and whipped cream. Pour into prepared pan. Chill 2 hours or until set. If desired, garnish with whipped topping and strawberries. Refrigerate leftovers.

BORDEN®

continued from preceding page

dles until done, drain, then lay noodles in a single layer on a nonstick baking sheet. Bake in a hot oven until nicely browned, then break up into short lengths. Soak garbanzo beans overnight in water (3–4 inches above top of beans), drain, and bake in a preheated 350° oven, stirring occasionally, 1–1½ hours or until browned and crisp.

Spaghetti

INGREDIENTS

1 pound whole-wheat spaghetti
2 gallons water

METHOD

☐ Place water in a 3-gallon pot and bring to a rolling boil. Break spaghetti in half and drop little by little into the water. Stir to prevent sticking. Boil, uncovered, 15–20 minutes, or until *al dente*.

☐ Pour spaghetti into a large colander and rinse in running hot water, turning with a fork or tongs, until glutenous material is washed off. Return spaghetti to pot and place over low heat. Spoon hot sauce over noodles, stir, and serve. Serves 8–10.

Longevity's favorite spaghetti sauce

INGREDIENTS

8 cups fresh tomatoes, unpeeled
4 cups onion, chopped
4 cups bell pepper, cored, seeded, and chopped
4 cups mushrooms, sliced
8 cups tomato sauce, homemade or canned
3–4 cloves garlic, peeled and minced
2–4 tablespoons wine vinegar
4 tablespoons basil

METHOD

☐ Purée tomatoes in blender or food processor, then combine with remaining ingredients except basil in a large saucepan or skillet. Simmer about 1 hour, add basil, and simmer ½ hour longer. Serves 6.

Curried salmon-rice loaf

INGREDIENTS

1 7¾-ounce can salmon, drained (reserve liquid)
3 cups cooked rice
⅓ cup scallions, chopped
2 teaspoons curry powder
3 teaspoons lemon juice
3 tablespoons cider vinegar
1 teaspoon garlic powder
Tomatoes for garnish

METHOD

☐ Flake the salmon, removing any skin and bones, and add to the cooked rice in a small bowl. Strain the salmon liquid through cheesecloth to remove fat and add to the salmon-rice. Add the scallions, curry powder, lemon juice, vinegar, and

Continued on page 178

Try a Frittata. Eggs, rice and a little spice.

Treat yourself to a Frittata soon. It's an Italian favorite—easy, economical, hearty and delicious.

Incredible Rice Frittata

4 servings

- ½ cup finely chopped onions
- 1 tablespoon butter
- 8 eggs
- ½ cup milk
- 1 teaspoon salt
- 1 teaspoon Worcestershire sauce
- 4 to 5 drops hot pepper sauce
- 2 cups cooked rice
- 1 can (4 oz.) chopped green chilies, undrained
- 1 medium tomato, chopped
- ½ cup shredded Cheddar cheese

In 10-inch skillet over medium-high heat cook onions in butter until tender. Beat eggs with milk and seasonings. Stir in rice, chilies and tomato. Pour in pan. Reduce heat to medium-low. Cover; cook until top is almost set, 12 to 15 minutes. Sprinkle with cheese. Cover, remove from heat, let stand about 10 minutes.

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Pritikin recipes
continued from page 176

garlic powder. Pack the mixture into a small loaf pan lined with plastic wrap. Refrigerate several hours. When ready to serve, unmold the salmon and arrange on a platter lined with lettuce leaves. Garnish with sliced fresh tomatoes, if desired. Serves 6.

Stuffed acorn squash

INGREDIENTS

2 acorn squash, halved and seeded
2 carrots, scraped and grated
1 8-ounce can crushed pineapple, preferably packed in its own unsweetened juice
2 tablespoons white raisins
¼ teaspoon ground ginger

METHOD

☐ Place the squash in a baking pan. Combine the carrots, pineapple, raisins, and ginger in a bowl and spoon the mixture into the squash. Bake in a preheated 350° oven for 30 minutes, or until the squash are tender. Serves 4.

Corn bread

INGREDIENTS

3½ cups cornmeal (not degerminated type)
1½ cups whole-wheat pastry flour or brown rice flour
2 teaspoons baking powder
¼ teaspoon baking soda
3½ cups nonfat milk
¼ cup frozen apple-juice concentrate
½ cup carrots, grated
¾ cup egg whites, beaten into stiff peaks (about 6)
½ teaspoon pumpkin-pie spice (optional)

METHOD

☐ Pour dry ingredients into mixing bowl and stir to blend. Stir in milk, apple juice, carrots; fold in egg whites and spice. Pour the mixture into a 9-by-9-inch nonstick baking pan. Bake in a preheated 350° oven for 15 minutes, then turn the heat to 375° and bake for an additional 45 minutes. Makes 18 4-ounce servings.

Note: To make corn muffins, pour batter into nonstick muffin pans and bake in a preheated 350° oven 25–30 minutes. Makes 36 3-ounce muffins.

Cracked-wheat cereal

INGREDIENTS

2 cups water
½ cup cracked wheat

METHOD

☐ Bring water to a rolling boil in a large saucepan. Stir in cracked wheat and reduce heat so mixture cooks slowly. Cook approximately 20–25 minutes, stirring from time to time, until mixture thickens sufficiently. Cover pan near end of cooking time if a softer texture is desired. Serve plain or with a light sprinkling of cinnamon, bran, and/or sliced fruit. Serves 1–2.

Belgian waffles with strawberries

INGREDIENTS

4 egg whites
1 cup unbleached flour or whole-wheat pastry flour
½ teaspoon baking powder
1¼ cups skim milk
1 teaspoon vanilla extract
2 cups fresh strawberries, sliced
2 teaspoons undiluted frozen apple-juice concentrate, thawed
1 cup uncreamed cottage cheese (optional)
4 teaspoons undiluted frozen apple-juice concentrate, thawed (optional)

METHOD

☐ Beat egg whites in a large bowl until stiff peaks form. Combine the flour, baking powder, milk, and vanilla in another bowl and stir until smooth, then fold the mixture through the beaten egg whites, taking care not to break down the air bubbles. Spoon the batter into a hot nonstick waffle iron and bake. Meanwhile, combine ½ cup of the sliced strawberries and the 2 teaspoons apple juice in a blender and process to a smooth sauce. Pour it over the remaining sliced strawberries in a small bowl and serve as a topping with the waffles.

☐ If you prefer a layer of whipped topping between the waffles and the strawberries, process cottage cheese with 4 teaspoons apple juice until fluffy. If too thick, blend in skim milk. Serve with plain fresh strawberries or with strawberry sauce. Serves 4.

Note: For blueberry or apple sauce, simply blend ½ cup fruit with 2 teaspoons apple

Continued on page 180

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Pritikin recipes
continued from page 178

juice concentrate, then pour over the remaining 1½ cups fruit—slice apples thinly or cut into small chunks.

Pear-ginger sherbet

INGREDIENTS

3 ripe pears
Lemon juice
2 tablespoons undiluted frozen apple-juice concentrate, thawed
1 cup nonfat milk
¼ teaspoon ginger, or more to taste

METHOD

☐ Peel and core pears; cut into chunks. Sprinkle liberally with lemon juice to prevent discoloration. Place 2 cups pear chunks in blender or food processor, process until puréed—you should have 1 cup of purée.

☐ Place purée and remaining ingredients in a large bowl and beat just enough to blend thoroughly. Pour mixture into ice cube trays and freeze 1–2 hours, until half frozen.

☐ Remove sherbet to a large chilled mixing bowl. Beat with an electric mixer at low speed until sherbet is softened, then beat at high speed 3–5 minutes, until creamy but not liquid. Pour into freezer containers or ice-cube trays; freeze several hours until ready to serve. Serves 4–6. ■

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Meal in minutes
continued from page 154

METHOD

☐ Sauté the onion and garlic in the oil in a large kettle. Add the chicken, tomato sauce, hot water, and bay leaf. Cover and simmer 20 minutes. Sprinkle the rice into the kettle, poking it down into the sauce, and continue to cook, covered, another 20 minutes. Add the mushroom slices and white wine, stirring gently. Cook uncovered 5 minutes. Serves 4–6. Note: Leftover portions can be frozen or will keep well in the refrigerator several days.

Cantaloupe salad

INGREDIENTS

¼ medium cantaloupe, cut in chunks
½ medium cucumber, peeled and sliced
2 tablespoons plain, low-fat yogurt
2 tablespoons lemon juice
¼ teaspoon salt
¼ teaspoon basil
Watercress leaves

METHOD

☐ Mix cantaloupe and cucumber in a bowl. Toss with yogurt and lemon juice. Add seasonings, stir to mix thoroughly. Serve on watercress leaves. Serves 2. ■

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***Consult your interior designer or department store decorating service.**

COVER

"Glosheen" cotton fabric: Used for upholstery and slipcovers. 48" wide, "surf" color. About $9.95 yd. By Waverly Fabrics. **Banquette:** Custom-designed by Michael Taylor, San Francisco CA 94121. **Custom-made wooden banquette frames:** By Kurdan Building Contractors, Inc., Long Island City NY 11101. **Upholstery and slipcovers:** By Flemming Hegner Corp.*, West New York NJ 07093. **Armless chair:** To order from John Rieck*, Pittsburgh PA 15213. **Scroll cocktail table:** 60" x 48" x 14" high. About $1,175. By Roe Kasian Designs. At Davison's, Atlanta GA 30303; John M. Smyth Co., Chicago IL 60602; Macy's, NYC 10001. **Custom floor:** 6" wide plain and quarter sawn American white oak, bleached, filled, sealed with thin polyurethane, waxed and polished. By William J. Erbe Co., Inc., NYC 10021. **Custom-made pillow:** Handpainted on cotton/silk taffeta. By Alan Campbell*, NYC 10022. **"Banded Ikat" hand-dyed, hand-woven mohair throw:** 48" x 72" $460 ppd. from Gregory Newham, 197 W. Chestnut St., Kingston NY 12401. **Fishtail palm trees** and **wide-weave basket cachepots:** Basket diameters range from 30"–40"; up to 36" high. All from Renny, NYC 10021.

LIVING

Page 16:

Furniture reproduced from Eileen Gray designs: (from right) Smoking table in brass or chrome, with clear or smoke-bronze glass top, about $300. "Lota" sofa, about $4,040 covered in canvas. "Unconformist" chair. All from a collection by Stendig*, NYC 10021.

COLOR ROOMS

Page 109:

Top right: **"Poppy" laminate:** (Used to surface built-in units.) Matte finish. About $1.40 sq. ft. By Formica Corp.

Bottom right: **"The Fig" cotton fabric:** 50 in. wide. About $21 yd. **Cotton border:** 7" wide. About $4.50 yd. Both by Souleiado at Pierre Deux. Fabric and custom-order tablecovers available at Pierre Deux, NYC 10014.

COLOR ROOMS

Page 111, upper right:

"Nocturne Stripe" sheets: Available in pastel and neutral colorways, from about $7.99 the twin-size. Matching comforter, from about $50 the twin-size. Designed by Angelo Donghia for Utica Fine Arts by J.P. Stevens. **Arched wicker headboard:** Custom design in natural finish, queen size. By Waldo's Designs*, Los Angeles CA 90069. **"Bleu Mélange" handloomed rag rug:** 9' x 7'4". From Haiti. About $858. At The Gazebo, NYC 10021. **Green-lacquer-over-straw stacking tables:** 3 of 4 sizes shown—26¼" x 13¾" x 13" high, 27½" x 19" x 14" high, 29" x 16½" x 15" high. With stretcher bases. By Roe Kasian Designs. **Antique English pine table:** 25½" x 51" x 30½" high. Circa 1860, with stretcher base. About $1,250. At Howard Kaplan French Country Store, NYC 10003. **Antique painted boxes:** Mauve one is 11¼" x 6¾" x 5½" high. Dark green is 6" x 4¼" x 3½" high. Both at Kelter-Malcé, NYC 10014. **FM/AM LED electronic digital clock radio:** With "ivory" cabinet, LED time display with brightness control, 24-hr. "set once" sleep timer, high-low tone control, power failure indicator, two-speed time/alarm setting, "touch snooze" control, and 60-min. sleep timer. By Toshiba America. **Triangle-shade pharmacy lamp:** Chrome finish, with height adjustable from 34-48", 17" extension. By Koch + Lowy. For stores near you, write Koch + Lowy, 940 Third Ave., NYC 10022. **"Rustici Romana" pine country arm chair:** 23" x 20" x 26½" high. With rush seat. **Large blue and white covered porcelain jar:** With floral, bird, and snail motifs. By Susumu Ikuta. Both from LCS*, NYC 10022. **Modern blue and white porcelainware:** Delft tulipiere, 11" x 13" high, $1,645. 12"-diam. Makkum plate. 8"-diam., $179. Delft plate, $65. Two Makkum tea bottles, 5" and 6" high, $150 and $188, respectively. All at Van Leussen, NYC 10022. **Table lamp with blue and white Chinese porcelain base:** 28" high; with octagonal gourd shape base 10" diam. From John Rosselli*, NYC 10021. **Desk accessories:** "Rainbow Pak" notes by Fante. Yellow plastic file folder. Caned phone book cover. Green-sueded phone book cover. Coral-colored lizard skin notebook cover. Paisley-fabric-covered notebook cover. At Henri Bendel, NYC 10019. **Skeins of wool and silk yarn:** At Two Needles, NYC 10028. Fabric on chair in foreground: **"Opaline Blue" chintz.** Dacron polyester and cotton 48" wide. Both by Craig Fabrics*, NYC 10022.

COLOR ROOMS

Page 112:

Lower left: **"Doral" cotton fabric:** On sofa. 54" wide, shown in "peach." By F. Schumacher*, NYC 10022. **"Louisiana" orange wool fabric:** On walls. 51" wide. By UNIKA-VAEV USA*, NYC 10022.

Pages 112–113:

Top center: **"Annabel" cotton fabric:** On sofa. 54" wide, 9" repeat. **"Aries" cotton fabric:** On slipper chair. 54" wide, shown in peach and beige. Both by Carleton V*, NYC 10022. **"Très" cotton fabric:** On small pillow in foreground. 54" wide. By Key West Decoratives*, Key West FL 33040. From Krupnick Brothers*, Union NJ 07083.

Page 113:

"Jennifer" wicker chair: Designed by Michael Taylor for Wicker • Wicker • Wicker*, San Francisco CA 94101. From LCS*, NYC 10021. **Upholstered bed and curtains:** By Stessl and Neugebauer*, Summit NJ 07901. **Bed sheets:** By Martex, WestPoint Pepperell. **Oil painting:** 36" sq. By Lorraine Grunberg. From Benedict Gallery, Madison NJ 07940. **Custom one-of-a-kind mohair shawl:** From Dexterity Ltd.*, Montclair NJ 07042.

BUDGET COLOR ROOMS

Page 114–115, White Room:

"By The Inch" sofa: 89" x 32" x 28" high, with 3 loose box seat and back cushions, 2 side bolsters, casters. Available in lengths from 54" to 120". **Upholstered armless chairs:** 27" x 33" x 29½" high. Loose box seat and back cushion, kickpleated skirt. From the "Banquettes VI" collection. **Ottomans:** 32" sq. x 18" high. Loose button-tufted box seat cushion, fully upholstered base, casters. From the "Banquettes V" collection. All by Century Furniture. **Upholstery fabric for the**

Continued on page 186

5 mg. "tar", 0.5 mg. nicotine av. per cigarette by FTC method

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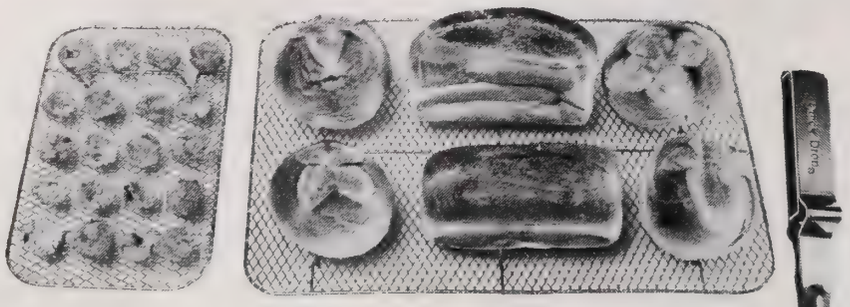
the Kitchen

Remodelings, cooking tips, and helpful hints for your kitchen



10 terrific new helpers for bakers

Whether you're kneading dough, making cookies, or cooling muffins, baking can be as easy as pie

For bakers who bake in big batches, **extra-large cooling racks,** nickel plated and dishwasher safe. Available in four sizes: *above*, two sizes—17 by 25 inches, $16.50; and 12 by 18 inches, $11.50. By Rowoco. Energy-conscious cooks will delight in **heavy-gauge aluminum bakeware** that bakes best in temperatures lower than lightweight bakeware requires. Heavier weight also provides greater stability, easier handling. Shown *below left:* muffin tin, $16.50; loaf pan, $14.25; square cake pan, $15.25; roasting pan, $18.50; cookie sheet, $19.75. SilverStone nonstick lining, fade-resistant porcelain exteriors. From West Bend. Impatient bread bakers, relax: Here are two new products that will speed things up. The **"Baka" dough rising bowl,** *below,* helps dough rise faster, can double as a storage container. Available in two sizes—6 liter and, shown here, 4 liter ($8), with nonskid bottoms that make kneading by hand as easy as can be . . . but if you want to try your hand at power kneading, Cuisinarts' new **plastic dough blade,** *below,* will knead 4 cups of flour at once, producing 2 pounds of dough. (Original steel blade could cope with only 2½ to 3 cups flour.) Improved blade is stubbier, providing uniform and thorough kneading. Available for about $6; for use only in CPF model food processors by Cuisinarts. And (what will kitchen gadget makers think of next?), for cookie bakers who end up with more dough on their fingers than on the cookie sheet, a **stainless steel quick-drop ejector spoon**, *top.* Special spring-action mechanism makes even-measured cookies. Good for serving jam, too. By Kitchen Connection, $7.

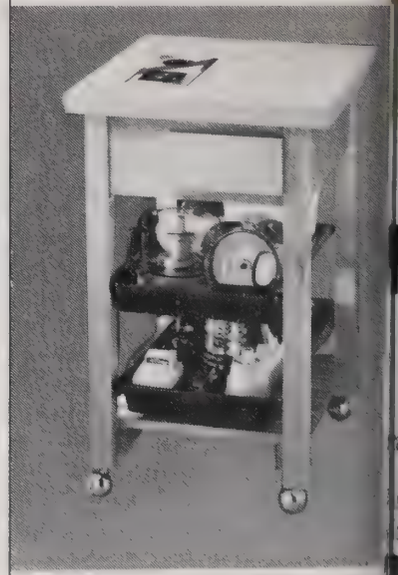
Shopping Information, page 180

How to turn a countertop into a greenhouse window

Kitchen counters that front windows can be turned into gourmet greenhouses for herbs—or for pretty greens. That was Pamela Scurry's ingenious way of camouflaging the window space that dipped below her newly built-in cabinets. Mrs. Scurry, who owns the Wicker Garden in New York City, had a sheet metal manufacturer custom make aluminum planters. Holes slightly bigger than the planters were cut into the countertops and a cabinetmaker built wooden boxes right into the cabinets. Aluminum planters fit into the boxes, and holes at each end let water run through rubber tubing into a bucket hidden below. Handles make lifting the planters easy—and plants are rotated for even growth. Another of Mrs. Scurry's remodeling ideas: Face metal drawers with wood panels, add brass hardware; remove metal cabinet doors and replace with wood ones hinged to wood frames that screw into original metal cabinet structure.

Roll-around kitchen unit

If you can't get to your kitchen helpers, then let them come to you—in one convenient roll-around cart. The maple-based, laminate-topped cart has a built-in motor which can power a food processor, ice crusher, mixer, juicer, blender, knife sharpener, meat grinder, shredder, and slicer. Buy them one at a time, or all at once. Optional glide-out storage trays can hold all nine; 6-foot-long heavy-duty cord lets you plug in anywhere. From Nu-Tone. Cart, about $299; trays, about $52 each.



Helpful hints for microwave cooks

Food on the perimeter of a dish will cook faster than that in the center. So, to ensure even cooking, stir food occasionally; or, if you're fixing chicken—or other irregularly shaped food—make sure you arrange the pieces so the thicker parts are on the outside of the dish. These tips from Jan Duff of Thermador.

"Sure I wanted a microwave oven, but I had no place to put it."

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I never dreamed how simple it would be to give my kitchen a custom look. The wood tones blend in beautifully with the rest of my kitchen. And with the Spacemaker oven in combination with my range, I now have two ovens in one convenient location.

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above: "Harmony" natural-colored cotton duck: 54" wide. By Norbar Fabrics Co.*, Deer Park NY 11729. **Parsons-style cocktail table:** 48" sq. x 16" high. Of white laminate. **Matching lamp table:** 26" sq. x 22½" high. Both special order at W & J Sloane, NYC 10018. **"Toddy White" sisal rugs:** 9' x 12' each. By Import Specialists. **Slatted wooden porch blinds:** Custom cut from 5' x 7' size and painted white. At Alson's Glass and Mirrors NYC 10021. **Polished chrome pharmacy lamps:** 48" maximum height, adjustable; tent-shaped shade. By Alsy.

In the five rooms that follow, these House & Garden paint colors were used. Here are the names of paint licensees who match each of the colors in one or more types of paint. Ask for their products at your paint store. Colors that are not available ready-mixed by one of our licensees can often be custom-mixed by a paint store professional to match your House & Garden Color Pack swatch or the photograph shown in the magazine. Our custom-mixing was done by Janovic/Plaza, NYC.

You can order the House & Garden Color Pack 1980—with 53 color swatches, who makes what in each, and tips on how to decorate with color—by sending a check or money order for $10 a set plus $1.50 postage and handling (payable to House & Garden) to House & Garden, Dept. CP '80, P.O. Box 1910 Grand Central Station, New York, N.Y. 10017. Orders will be filled within 6-8 weeks. Orders must be pre-paid.

Buttercream—Not available ready-mixed.

Dove—Matched by DuPont Lucite paints; Fuller-O'Brien Paints; and Servistar Paints.

Garnet Red—Not available ready-mixed.

Green Mint—Matched by Bennett's Paint Co.; Boysen Paint Co.; James Bute Paint Co.; Vane Calvert Paint Co.; DuPont Lucite paints; Fuller-O'Brien Paints; Komac Paint Co.; Kurfees Coatings; Servistar Paints; and Tru-Test Paint.

Lacquer Green—Matched by C.I.L. Paints; Du Pont Lucite paints; and Fuller-O'Brien Paints.

Lavender—Matched by Fuller-O'Brien Paints and by Tru-Test Paint.

Mercury—Matched by Boysen Paint Co.; James Bute Paint Co.; Colorizer Paint Co.; DuPont Lucite paints; Fuller-O'Brien Paints; Komac Paint Co.; and Kurfees Coatings.

Oyster White—Matched by Bennett's Paint Co.; Boysen Paint Co.; James Bute Paint Co.; Vane Calvert Paint Co.; Colorizer Paint Co.; DuPont Lucite paints; Fuller-O'Brien Paints; Komac Paint Co.; Kurfees Coatings; Servistar Paints; and Tru-Test Paint.

Pink Fizz—Not available ready-mixed.

Raspberry Cream—Servistar Paints.

Sun Yellow—Matched by Bennett's Paint Co.; Boysen Paint Co.; James Bute Paint Co.; Vane Calvert Paint Co.; C.I.L. Paints; DuPont Lucite paints; Fuller-O'Brien Paints; Komac Paint Co.; and Kurfees Coatings.

Tangerine—Matched by Tru-Test Paint.

Page 116, Carolyn Guttilla room:
Majolica collection: Courtesy of Carolyn Guttilla and John Rosselli. **Antique pine plate rack:** 57" x 5" x 49" high. **"Granny's Garden" appliqué quilt:** With green medallions on white. **Five hand-colored botanical prints:** 21" x 38" each, matted and framed. **Wicker side chair:** 16" x 19" x 36" high (painted House & Garden Garnet Red in semigloss paint). **Découpage hurricane lamp:** 18" x 32" high. With white paper shade. By John Campbell. **Green-painted Victorian wooden shoe box:** (on cocktail table) 11" x 18" x 9" high. All at Plaza One, Locust Valley NY 11560. **"Cologne" striped cotton rag rug:** 7'4" x 9'. By Rosecore Carpet Co.*, NYC 10022. **"Puchon #4" satin-finish fabric:** 54" wide, 2" repeat. By André Matenciot*, NYC 10022. **"Chestnut Leaves" glazed cotton chintz:** 52" wide, 19" repeat. By Rose Cumming*, NYC 10022. **Leather-wrapped mottling roller:** (used to mottle-paint floor) $27.99 ppd. from Chroma Paint, 154 Broadway, Hicksville NY 11801.

Page 117, Chuck Winslow room:
"Nicky" cotton fabric: (on armless chairs and pillows) 54" wide. By Hinson & Co.*, NYC 10022. **Cotton rope trimming:** (on armless chairs) ¾" wide. At Tinsel Trading Co., NYC 10018. **Side tables:** 25" x 10" high and 27" x 10" high. Covered in Korean textbook paper. 2 pieces from a 6-piece étagère set. By Roe Kasian Designs. **Paper-shaded standing lamps:** 49" high, with black tripod base. By Isamu Noguchi. At George Kovacs, NYC 10021. **Green ceramic platter:** 15½" diam. **3 ceramic pears with lift-off tops:** 4" high. All by Barbara Eigen for Eigen Arts, NYC 10013. **Custom-woven mohair throw:** From Chuck Winslow, San Francisco, CA 94108. **Glass battery jar:** 8" x 6" high. Shown

Continued on page 188

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Shopping information
continued from page 186

with candle. From the Bailey/Huebner Shop at Henri Bendel, NYC 10019.

Page 118, Lang/Robertson room:
Red Mexican serapes: 6' x 9' each, cotton-blend. (used to make slipcovers). **Haitian side chairs:** With rush seats and backs; 10" x 17" x 37" high. **"Klong" ceramic jars:** 19" x 14" high, cane-trimmed (later painted with House & Garden Tangerine semigloss paint). **Philippine tray table:** 22" diam. x 21" high, with lift-off tray. All by Primitive Artisans. At Tianguis Folk Art, NYC 10023. Readers outside NYC may send a self-addressed, stamped envelope to Primitive Artisans, Room 711, 225 Fifth Ave., NYC 10010 for retail mail-order information (be sure to specify which items you're interested in). **Pine Welsh dresser:** 50" x 15" x 80" high, with bottom, top, 3 drawers, brass mounts. At Habersham Plantation Country Store, Woodbridge NJ 07095. **Pine table:** 72" x 30" x 28" high, with drawer. At Conran's 145 Huguenot St., New Rochelle N.Y. 10801 (catalogue, $2). **Freehand green vine pattern:** (below crown molding) Handpainted by Friedrich Gross, NYC 10012. **Handpainted Polish wooden birds:** Shown in 3 sizes. At Cepelia, NYC 10022. **Animal- and sun-patterned ceramic plates:** (on hutch and table behind sofa) 10" diam. Designed by Giovanni de Simone. At Country Floors, NYC 10021. **"Caliente" red pottery dinnerware:** Dishwasher safe. At The Pottery Barn, NYC 10022. **Glaze:** McCloskey glaze from Janovic/Plaza, NYC 10021. To grain-paint crown molding and baseboard, painter custom-mixed glaze with umber paint.

Page 119, Susan Zises room:
Upholstery and curtain fabric: "Harmony" natural-colored cotton duck: 54" wide. By Norbar Fabrics*, Deer Park NY 11729. **Pillow cover fabrics:** "Chintz Malmaison" glazed cotton: 51" wide, shown in "khaki" and "anemone." "Plain Glazed Percale" cotton: 50"–51" wide, shown in "grotto blue." All by Lee/Jofa*, NYC 10022. **Tent-shaded pharmacy lamps:** Maximum height 48", adjustable. Brass finish. At Bloomingdale's, NYC 10022. **Red lacquered wicker box:** (beside ottoman) 10" x 14" x 15" high. From Japan. From John Rosselli*, NYC 10021. **"Sangetta" cotton durries:** 6' x 8'. At Conran's, 145 Huguenot St., New Rochelle NY 10801 (*not* shown in catalogue, which is $2). **Limited edition color photographs:** "Apple": 18" sq., 1977. "Orange": (on window sill) 12" sq., 1977. Both by Robert Beckhard/Picture That, Newtown Square PA 19073. **Awajiware porcelain sauce dish:** 3½" diam., with turquoise glaze. At Gordon Foster, NYC 10021. **Furniture and accessories not listed above:** All courtesy of Susan Zises Interior Design, NYC 10021.

Page 120, Georgina Fairholme room:
"Pinto" cotton: (on throw pillows) 45" wide, shown in "maize." From the Kotton Korner collection by Norbar Fabrics*, Deer Park NY 11729. **"Galahad" striped cotton fabric:** (on balloon shades) 48" wide. **"William" vinyl wallpaper:** 27" wide. Both by Carleton V*, NYC 10022. **Painted red straw hobby horses:** 60" long, from Indonesia. **Japanese blue-and-white porcelain plates:** 7¼" diam. **Spotted ceramic pieces** (on sill): White and blue bowl, 15½" diam. x 3" high and blue-and-white plate, 14¼" diam. Both by Jurg Lanzrein. All at Gordon Foster, NYC 10021. **Willow basket:** (used as câchepot) 22" diam. x 23" high. At Manhattan Ad Hoc Housewares, NYC 10021. **Items not credited above:** Available from Georgina Fairholme, NYC 10021.

Page 121, Gerald Kuhn Room:
Three pine tables: From a collection at Conran's, 145 Huguenot St., New Rochelle, N.Y. 10801 (*not* shown in catalogue, which is $2 ppd.). **Chinese occasional table:** 12" x 8½" x 13". Of dark rosewood, with lighter rosewood inset panel. **Four irridescent glass candlesticks:** 3" x 10" high. Handblown by Roland Correia. Both at Lord & Taylor, NYC 10018. **Elaborately-carved stool:** 22" x 10" x 15" high. **Round straight-legged stool:** 14½" x 12" high. Both 19th-c. African and one-of-a-kind from Ann Morris Antiques*, NYC 10021. **Mauve ceramic plate:** 9" diam. By Richard Bennett. At Gordon Foster, NYC 10021. **Philippine rice-winnowing tray:** (under cocktail table) 23" sq. **Brazilian spear:** 62" long. Wooden, bone-tipped, feather-trimmed. **Horned West African wooden mask:** 30" x 9". All, Gerald Kuhn, Inc., NYC 10016. **Pillow fabrics:** "Lila" cotton chintz: (on 3 pillows) 50" wide. By Brunschwig & Fils*, NYC 10022. "Gleam" peach-colored cotton chintz: (on 1 pillow) 48" wide. By Norbar Fabrics Co.*, Deer Park NY 11729. **Pine table:** 72" x 30" x 28" high, with drawer. At Conran's, 145 Huguenot St., New Rochelle, NY 10801 (catalogue, $2). **Glaze:** McCloskey Glaze custom-mixed with umber paint to grain-paint crown molding and baseboard. From Janovic/Plaza, NYC 10021.

NEW VIEW OF COLOR
Pages 122–127:
Plant baskets: At Pot Covers, NYC 10001.
Page 125:
In the dining room: **Raspberry-colored linen napkins:** 14" sq., from Italy. $4 each. At Of All Things!, NYC 10022. **Porcelain cabbage-leaf plates:** 6" diam., American. $12.50 each. At Cache-Cache, NYC 10021.
In the kitchen: **Antique stool shown by the fireplace:** Very early Canadian Island of Orleans rush seat, painted wooden legs. About $420. At Bedford Green Antiques, Bedford Village NY 10506. **Napkins:** Sewn from 50" - wide cotton fabric by Souleiado at Pierre Deux. At Pierre Deux, NYC 10014.

PORCELAIN BLUES
Page 140
Antique ginger jar: Gracie*, NYC 10022.
"Dora" indoor/outdoor folding metal table: 23½" x 35½" x 28" high open. Matching "Dora" chair: 17" x 18" x 32" high open. By EMU-N.O.H.
"Triana" handpainted high-fired stoneware: Microwave-safe. 1½-pt. terrine, $32. 2-qt. pitcher, $40. 3½-qt. marmite, $48. Shipping extra. Amnion, 1458 San Bruno, San Francisco CA 94110.
Stockpot: $12.50. By Alfred Fein Sales. At Consider The Cook, Cross River NY 10508; Hamel's Wood Stoves, Foxboro MA 02035.
"Lots of Dots" stoneware: Also in "radish red," "lemon tart," "raisin brown." Jepcor.
"Covington Hide-A-Bed" sofa: 89" x 37" x 32" high as sofa. By Simmons, U.S.A.
"Rip Stop Hi Tech" nylon comforter: Kodel polyester filling. One-color version available in 7 colors. $65 twin-size. Matching "Kodosoff" pillows, $12.50 each. By Purofied Down Products. Two-color reversible version (not shown) in turquoise/pink, black/red, or purple/yellow at Bloomingdale's, NYC 10022.
Cluster of china: (clockwise from top) Unless otherwise stated, prices are for salad plate and 5-piece placesetting, respectively: "Colorstax" by Metlox Potteries, $3, $17.50. "Rondelet" porcelain by Fitz & Floyd, $7, $50.50. "Colorbands" by Metlox Potteries, $3.50, $19.50. "Belvedere" ironstone by Mason, imported by Ebeling & Reuss, $5.50, $29.25. "Colorstax," mentioned above. **"Indigo" handpainted porcelain lid,** which can be reversed and used as a plate, $32; matching 1½ cup bowl, $48; 5-piece placesetting, $110; by—and at—Royal Copenhagen, NYC 10022.
In center of cluster: "Mingei" porcelain cereal/soup bowl, $14.50. "Mingei" square-shaped dinner plate, $22.50. By Fitz & Floyd. At Bloomingdale's, NYC 10022.

Page 141:
"Bounty" basket: Of weather-resistant plastic. 16" diam. 30" high. Also in yellow, red, brown, or white. $23. By Hammarplast.
"Moby" indoor/outdoor folding chair: 23½" x 34" x 30" high open. EMU-N.O.H.
Roll-armed loveseat: 58" x 33" x 27" high. By Henredon Furniture.
Stool: Also in red, orange, green, "chocolate," beige, or yellow. Contemporary Shells.
Double-ended chaise or lounge: 94" x 35¼" x 30" high. From the "Banquettes IV" collection by Century Furniture.
Fulton mattress: About $63 twin-size. Futon cover of cotton duck: Available in 9 colors. About $30 twin-size. Down-wrapped 30" bolster with case. About $69. By Shinera Inc.
Fish-shaped porcelain trivets: 7½" long, $22. 8¼" long, $28. 9¾" long, $33. By Fitz & Floyd. At Bloomingdale's, NYC 10022.
Wallcoverings: (from top) "Jardin du Pays" wallpaper: 27" wide, 6¾" repeat. By Carleton V*, NYC 10022. "Tao": 27" wide, 31¼" repeat. By Vice Versa*, NYC 10022. "Celtic Square": 27" wide, 1" repeat. By Carleton V*, NYC 10022. "Avallon": 28" wide, 18" repeat. Raintree Designs-Laura Ashley II collection. At Laura Ashley, NYC 10021.
Fabrics: (from top) "Scacchi/Pedina" hand-screened cotton fabric: 52" wide. From the Pavimenti collection by Aagot-Rocchia for The Wicker Works*, San Francisco CA 94110. "Rella" cotton fabric: 51½" wide (48" excluding border), 12" repeat. By Hinson & Company*, NYC 10022. "Ivy Geranium" glazed cotton screen print: 56" wide. By Greeff Fabrics*, NYC 10022. "Scacchi/Cavallo" hand-screened cotton fabric: 52" wide. From the Pavimenti collection by Aagot-Rocchia for The Wicker Works*, San Francisco CA 94110. "Field Poppies" glazed cotton screen print: 56" wide. By Greeff Fabrics*, NYC 10022. "Ching" cotton: 54" wide Schumacher*, NYC 10022.

Page 142:
"Kobenstyle" enameled cast iron (not steel) **cookware:** 4-qt. casserole, 10" skillet with teak handle, 8-qt. stockpot, By Dansk. At Bloomingdale's, NYC 10022; Bullock's, Los Angeles, CA 90055.
Upholstered dining armchair: 24" x 22" x 35" high. Also available with chrome base. By Flair, A Division of Bernhardt Industries.
Glazed stoneware bowl: By Boston Warehouse. At 1st Stop Housewares, NYC 10017.
Cat house: 13" x 16" x 19½" high. By Taylor & Ng. $6 at Bloomingdale's, NYC 10022. Or $9 ppd. from Taylor & Ng, P.O. Box 69[illegible]

Continued on page 19.

New Wave Of Smoker Research Just In: MERIT smokers acclaim low tar option as taste alternative to high tar brands.

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Kings: 8 mg "tar," 0.6 mg nicotine—100's: 11 mg "tar," 0.7 mg nicotine av. per cigarette, FTC Report May '78

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The Inside Story

More about some great decorating ideas you've seen in this issue

Do-It-Yourself Decorating Ideas

from the Decorator Budget Color Rooms, pages 114-121

Serpentine stenciling

from Lang/Robertson, Ltd.

To make a serpentine vine like the one below the crown molding in Lang/Robertson's room, cut your stencil from heavy cardboard, trace onto the walls in pencil, then remove stencil and fill in freehand with acrylic paints and a fat artist's brush. Leaves were sketched freehand, then filled in with the same type of paint and brush; use a stencil if you like. Success tip: Before you stencil, plot the design of each wall to scale on graph paper, so design continues attractively at corners where walls meet.

Serape slipcovers

Turn wide, economical serapes into bright-colored slipcovers, as Lang/Robertson did. Just cut, pin, and sew serape slipcovers as you would ones made from fabric by the yard. To save stitching, selvage edges take the place of hems. As a rough guide to the number you'll need, it took nine serapes (about 94 by 60 inches each) to cover a full-size sofa with four big back pillows and two slipper chairs with cushions. Success tip: iron Stitch Witchery tape over intended seam lines *before* you sew. This adds a measure of strength to the loosely-woven serapes.

Easy ottoman covers

from Susan Zises Interior Design

To make traditional ottomans into soft, inviting "poufs," cut fabric to fit the top of your ottoman, adding ⅝-inch seam allowance all around. Cut another piece of fabric 10 inches wider than the circumference of the ottoman, and long enough to fall to the floor, adding ⅝-inch seam allowance all around. Fold this piece, right sides together, and stitch short ends together, forming a circle of fabric. Pin top piece to lower skirt, right sides together, distributing extra fabric at the four top corners to gather. Sew top piece to skirt, stitching across gathered corners to create shirred corners. Turn cover right side out.

Miter-striped curtain rods

To make the striped curtain rods, paint 3-inch wood poles House & Garden Biscuit, mask with tape in a diagonal mitered pattern, then paint soft House & Garden Greensilver. When tape is removed, the pattern is revealed.

Faux-tortoise finish

To give any piece of furniture a faux-tortoise finish, like the Parsons table in Susan Zises' room, paint black, then stipple-paint with crumpled paper in two different shades of deep green enamel. Protect with a coat of polyurethane.

Textured Floor Finish

from Carolyn Guttilla, Plaza One

To create a textured floor finish, paint floor a deep color (Ms. Guttilla used House & Garden Lacquer Green). When dry, apply lighter shades of paint (here, Green Mint) with a leather mottling roller ($15.45 ppd. from Janovic Plaza, 1292 First Ave., New York, N.Y. 10022), or a carpet roller ($13.49 ppd., also from Janovic). Protect with polyurethane.

Low painted screen

from Gerald Kuhn Inc.

To give any room a long, low look, make a painted screen from short hinged panels of ⅜-inch plywood. Screen can be wallpapered, wrapped with fabric, painted with diagonal or rainbow stripes. Stand screen at the edge of a room, behind a sofa, or below windows, to conceal radiators, uplighting, stereo speakers.

"Kidskin" painted walls

from Winslow-Leonard Assoc.

To give walls a "kidskin" finish, paint them white, then apply House & Garden Buttercream with crumpled paper. Even out the paint by patting with a stiff brush.

Wake up your rooms with color

More about the color rooms on pages 107-113

1. Mrs. Angus Lightfoot Walker used mauve silk taffeta and peach raw silk to create an appealing background for people. Pillows are made from 18th-century fabric remnants found in London. **2.** Designer Nicole Limbocker stitched needlepoint rugs, brought in apricot fabric from Clarence House, green fabric from Brunschwig. **3.** Designer Arthur Smith intensified the atmosphere of a naturally dark room with navy blue walls. Table lights of his design are controlled by a dimmer, and wired through the table. Acrylic on canvas over banquette by Cynthia Polsky. **4.** Architect Peter Hoppner turned a screened porch into a year-round family room by installing windows, a fireplace with Heatilator unit, and a stretch of storage banquettes. Everything's painted warm, cheerful red, and Poppy Formica laminate covers all horizontal surfaces. Quarry-tiled floor gives an earthy look. "Minneapolis Project" pine sculpture by Jackie Ferrara, courtesy of the Max Protetch Gallery. Chess set, Brentano's. **5.** Designer Richard Neas comb-painted walls lettuce green for a spring garden feeling.

Continued on page 192

The un-kitchen, full of out-of-sight storage

The bright red room on page 130 is really a kitchen in disguise. Everything's hidden inside long round-cornered work islands (see floor plan, left). Notice the two drawers and undercounter cabinet—both chilled—that take the place of a tall refrigerator. Around the fireplace, a black leather bench.

The inside story
continued from preceding page

Floors are sponge-painted grass green, then divided into tile-like squares with stripes of paint. Mr. Neas did the crewel embroidery for the bed, and hung lace curtains (fabric from Henry Cassen) at the windows. Furniture from Provence Antiques. **6.** In Chuck Amato's loft, freestyle painting gives walls a streamers-and-lightning look. Black tile floor is a bold, practical contrast. **7.** Pierre Deux garden tablecloth. Details, see Shopping Information. **8.** Zajac and Callahan's design plan for the Moran living room called for flat-finish walls, shiny moldings. Underfoot, wall-to-wall sisal matting. Knoll marble cocktail table. **9.** Rona Levine's trellised porch features upholstery fabric from First Editions. Sofa from Fine Arts Upholstery. Chairs, House of Alfino. Cocktail table, Subacchi. Latticework, Carlo Germana. Floral design, Ken West. **10.** In Walter Boxer's bedroom, walls are painted House & Garden Heavenly Blue. For further details, see Shopping Information. **11.** Tom O'Toole tinted the parquet floor of this den a creamy color, then bordered it with three shades of tan. Chamois-colored walls striéd on the diagonal, and natural silk pongee curtains create a soothing ambience. Mirror and low furniture makes the high ceiling seem even loftier. Wool upholstery fabric from Brunschwig. Sisal rug from Stark. Travertine cocktail tables designed by Mr. O'Toole in the style of Japanese sushi trays. Reflected in the mirror, painting by Larry Zox from the André Emmerich Gallery. **12.** In Vincas Meilus's loft, colored fluorescent light and paint create optical illusions with space. Floor is painted forest green. Panels of black wallboard enclose a darkroom. Brass-legged table is a spoof of a Venetian baroque table, done in four colors of Formica. **13.** In Hubbell Pierce's gallery, walls were painted House & Garden Ultramarine Blue, flat finish; then glazed. Kilim rug. **14.** Irvine and Fleming gave this library a facelift. Oak paneled walls, bookcases, and moldings were lacquered red, and a bright red blind hung at the window. Modular sofas, moved from the opposite wall, create a cozy sitting area by the fire. Brunschwig fabric. **15.** Georgina Fairholme treated two windows as one, in the corner sitting room of an old house. Three pieces of handpainted silk were hung at each window: to loop across the top of the window, to gather into a rosette at one corner, and to hang down the side of the window. "Annabel" cotton on the sofa is from Miss Fairholme's Melrose Collection for Carleton V. "Aries" cotton on the chair also from Carleton V. Handpainted silk by Kenneth Wampler of Skypooch, 150 West 26th St., New York, N.Y. 10001. Nineteenth-century mirror over mantel from Rose Cummings. Japanese desk from Gordon Foster Antiques. Rug from Marilyn Maughan. **16.** In Hubbell Pierce's foyer, walls were painted flat-finish House & Garden Chrome Yellow, then glazed. Floor is black slate and white marble. **17.** John Saladino saturated this small room with color. "Odalisque" sofa by Dunbar, designed by Mr. Saladino, is covered with "Doral" peach cotton from Schumacher. Walls covered with suncolored felt from I.C.F.; lacquer trunk from Joseph Rondina. Art by P. Wing at the Sachs Gallery. **18.** Bebe Winkler used polished cotton fabrics from the Chloé collection for Marignan to create the romance in this bedroom. Ceiling is pink; so are the light bulbs. **19.** Lang/Robertson Ltd. geared this bedroom for comfort. Wool Tretford carpet feels soft underfoot. Wicker "Jennifer" chaise by Michael Taylor for LCS is ready for lounging. Woodwork is flecked blood red and apricot, for subtle detailing. Martex sheets. Oil painting by Lorraine Grunberg at the Benedict Gallery, Madison, N.J. Mohair shawl from Dexterity, Montclair, N.J. Roman Tan paint by Glidden. ■

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Shopping information
continued from page 188

Brisbane CA 94005.
Armchair: 37" x 37" x 28" high. Recessed Shepherd casters, strié satin upholstery. By Henredon.
"Pool" chaise: 76" x 27½", height-adjustable from 14" to 36". Loose canvas-covered, cushion, adjustable headrest. EMU-N.O.H.
Ribbed gourd-shaped porcelain vase: 14½" high. By Paul M. Jones*, NYC 10022.

Page 143:
18½" diameter grill unit: Porcelain on heavy-gauge steel, with aluminum ash catcher and legs. In black porcelainized finish, about $50 at selected Gemco and selected JC Penney stores. In red porcelainized finish, about $60 at selected JC Penney stores.
Papier-mâché parrot: By Rees & Orr Assoc. At Ambiance, New Orleans LA 70118; La Ruche, Boston MA 02116; Something Special by Elaine, Philadelphia PA 17106.
Indoor/outdoor stacking side chair: 20" x 22" x 34" high. Range of 50 solid colors. About $100. By Medallion Leisure Furniture.
Sofa with triple-rounded back: 90" x 36" x 37" high. "Garden Party" cover of Fortrel polyester from Twin Ponds Design Group Ltd. for Cannon Mills. Matching bench: 24" x 16½" x 18" high. Conover Chair.
"Compatibles" stoneware casseroles: Ovensafe. The Pfaltzgraff Co. At Burdines, Miami FL 33101.
"Zwiebelmuster" enameled cookware: 2½ qt. kettle. 3¾-qt. stewpot. Imported by Austria Email.
Naval dispenser bottles: 6" high. Naval flask, 6" high, Hangers. Wings Over The World Corp., from Alan Spigelman. At The Granfalloon, Chicago IL 60610.
Cannister: 14½" tall. $400. By Mottahedeh. At Leopards Interiors, Tuscaloosa AL 35402.
Enamel-on-cast-iron cookware: 3½ qt. buffet casserole 1-qt. saucepan with iron handle, 14½ x 10 in. baker. By Le Creuset. Imported by Schiller & Asmus. At The Cookstore, Los Angeles CA 90069.
Chaise: 64" x 28" x 32" high. Baker Upholstery Collection by Baker Furniture.
"Maddelana" flooring: Also in "gold", "almond." From GAFSTAR 7500 series, GAF Corporation.

RIBBON STITCHERY
Pages 144–145
Kit: 10 shades of Kanagawa silk ribbon, 1 #24 chenille needle, gray Hamilton Adams fabric for pillow front and back, instructions. $54.95 ppd. from Yarn Loft International, Inc., P.O. Box 771, Delmar CA 92014.
Table: Covered in madagascar cloth and lacquered. By Parsons Plus*, NYC 10021.
All other furnishings & accessories: Through Susan Zises Interior Design, NYC 10021.

ONE TOUCH OF COLOR
Pages 146–149
The Alessandro Collection by Baker Furniture: Each piece is available in only one or two of the finishes, except for the "Saturno" tables, available in several. You'll find *selected* pieces from our story—and the collection—at the following stores. Manufacturer's suggested retail prices given below:
Cannell & Chaffin, Los Angeles 90010 (special order only).
Howard Lorton Galleries, Denver CO 80204 (available March).

Marshall Field's, Chicago IL 60690; Houston TX 77027 (available March).
Richard Plumer, Miami FL 33137.
W & J Sloane, NYC 10018; Washington, D.C. 20036; and San Francisco CA 94108.
John Wanamaker, Philadelphia PA 19101 (available March).

Page 147
"Lady Bombé" cocktail table: 36" sq. x 18" high. "Parchment" finish on top, "D'jerbian cane" finish on sides, legs. About $850. **Upholstered sofas:** Baker Furniture. **Pillow fabric:** "Gemini" cotton: 54" wide, shown in "coral." By Boris Kroll Fabrics*, NYC 10022.
Page 148:
In the large photo: **Dining table:** 80" x 44" x 28" high. With oblong etched glass top, two curved bases in "trompe l'oeil goatskin leather" finish. About $2,250. **"Paradise—Green" acrylic painting:** 85" x 90". On canvas. By Ronnie Landfield; 1969, NYC 10013.
Page 149:
Top right photo: **Nest of two tables:** Large, 26" x 17" x 21¼" high. Small, 23" x 16" x 16⅞" high. With brass mounts, lift-off tray top. Available in 4 "trompe l'oeil mottled tortoise" finishes: red (shown here), blue (shown in bottom photo), brown, and gray. About $725 the pair.
In the bottom photo, from left: **"Triple C" console:** 66" x 16" x 27" high. In "trompe l'oeil goatskin leather" finish. About $1,750. **Cabinet:** 42" x 13½" x 91" high. In "mitered malachite" finish. About $2,875. **Nest of two tables:** See description under top right photo listing, above. **Diamond-shaped "Saturno" cocktail tables:** Larger, 46¼" point to point, 18" high, in "parrot wing agate" finish. About $995. Smaller, 36¼" point to point, in "carrara travertine marble" and in "grey rose marble" finish. About $550. Available in some other finishes as well. **Lamp table:** 22" x 30" x 24" high. In "trompe l'oeil red striped leather" finish. About $675. **"Lady Bombé Chow" table:** 22" sq. x 16" high. In "trompe l'oeil Venetian stone" finish. About $495.

WINE & FOOD
Page 155
Black glass plate: Handmade by a 300-year-old process. Also in cobalt blue or in red. 12" dinner plate, $11. 8" luncheon or salad plate, $8. At Of All Things!, NYC 10017. **Handwoven linen napkin:** Shown in red. Available in 25 colors. From Italy. $8 from Table Topping at Henri Bendel, NYC 10019. **Ceramic pear:** 4½" high $18. Eigen Arts. **"Pride" silverplated flatware:** $88 the 5-piece placesetting. Designed by David Mellor. Both from Bailey/Huebner at Henri Bendel, NYC 10019. **Porcelain tisane cup:** $23 ppd. from St. Remy, l'Herbier de Provence, 156 E. 64th St., NYC 10021.

PRITIKIN
161, top to bottom:
Aluminum Belgian waffle iron: 15½" x 18½", for stove-top use. Nonstick SilverStone surface. About $25. Nordic Ware. **"Souper-Steamer" covered saucepot with steamer insert:** Of stainless steel, with carbon steel core. 4-qt. saucepot with lid. 2¾-qt. steamer insert doubles as a collander. Dishwasher safe. Flint cookware line by Ekco Housewares. About $35.50. **Pressure cooker/canner:** Of extra-thick aluminum alloy. Self-sealing gasket, removable pressure control for 5, 10, or 15 pounds. About $49. By Mirro Corp.

KITCHEN PAGE
Page 182
Ejector spoon: By Kitchen Connection. Macy's, Kansas City MO 64105.
Cooling racks: By Rowoco. At Bazaar de la Cuisine, NYC 10022; Cook's Mart, Chicago IL 60610.
Heavy-gauge aluminum bakeware: Dishwasher-safe. Loaf pan: 9¼" x 5¼" x 2⅞", $14.25. Cake pan: 9" sq. x 2", $15.25. Cookie and bake pan: 15½" x 10½" x 1", $19.75. Bake and roast pan: 13" x 9½" x 2", $18.50. 12-cup muffin pan, $16.50. Also available: Pie pan: 9" x 1¼", $10.95. Cake pan: 9" diam. x 1½", $10.95. The Craftsman Bakery collection by The West Bend Co.
Roll-around cart: Maple wood, with butcher-block-patterned plastic laminate top, built-in Food Center power unit, About $299. 9 optional accessories separately priced; optional glide-out storage trays, about $52 each. By NuTone Division of Scovill. For store nearest you, call toll-free (800) 543-8687. In Ohio call (800) 582-2030. ■

BUILDING FACTS

Materials and equipment used in the kitchen shown on page 128–129

"Carousel" microwave oven: 24⅝" x 17" x 15¾" high. Rotates for even cooking. With Auto-Touch control panel, temperature probe for automatic shut-off when food is done, variable cooking that allows for defrosting, simmering, or full-power cooking. Can be programmed to switch from one temperature to another. With black glass door. By Sharp Electronics Corp. **Deluxe twin convertible 4-burner electric range/oven:** 29¹⁵⁄₁₆" x 25¾" x 36" high. Freestanding unit includes grill accessory, combination conventional /convection oven, black glass door. By Jenn-Air Corp. **Built-in dishwasher:** 24" x 24¹⁄₁₆" x 35½" high. With 3 wash cycles and Energy-Saver power switch. Black-glass look. Optional trim kits available. By Maytag Co. **Combination refrigerator-freezer:** 36" x 24" x 84" high. With automatic defrost, automatic icemaker, trim kit panel. By Sub-Zero Freezer Co. **"Delafield" two-bowl sink:** Of enameled cast iron. Bowls are 32" x 21" x 8" deep. Shown in "parchment" color. By Kohler Co. **Custom-colored vinyl floor tile:** 12" sq. Green leather color with lizard-like finish, bevelled edge. By Parker Tile. **"Stonehenge" slate-like plastic laminate:** Used on countertop. By Nevamar Corp. **Paint:** Custom-colored. Regal Aquavelvet satin finish on walls, Regal Aquaglo semi-gloss finish on cabinets. By Benjamin Moore & Co. **"Hahn und Henne" glazed earthenware:** From Germany. At La Ruche, Boston MA 02116. **Custom-designed cabinets:** By Frank Rooney of Boston, Sommerville MA 02144.

Materials and equipment used in the kitchen shown on pages 130–131

"Solid Mandarin red" plastic laminate: On countertops and cabinets. #1511 in glossy finish. By Wilsonart. **Single bowl non-ledge stainless steel sink:** By Elkay Manufacturing Co. **Faucet:** Style #101. By Delta Faucet Co. **"Instant Hot Water Dispenser":** By In-Sink-Erator Manufacturing Co. **Deluxe 30" twin convertible grill/cooktop:** By Jenn-Air Corp.

Continued on page 196

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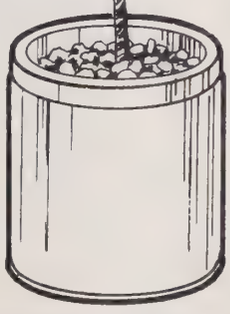

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BY PATRICIA CURTIS

Should you have your pet neutered?

The advantages to the animal, the advantages to you, when you should do it, and the risks involved

Q. Should a kitten or puppy be neutered? Is it good for the animal or does it only make it easier for the owner?
A. Many people who care about animals feel that pet owners have a responsibility to have their pets neutered, in view of the fact that 85 percent of all animals in pounds and shelters—some 15 million dogs and cats—are destroyed every year because homes cannot be found for them. In addition, there are an estimated 120 million animals starving on the streets. Each adorable kitten or pup your pet may produce (and 2,000 to 3,500 are born every hour) means that even if you place it in a home eventually, someone else's animal must be put to death. So there are good social reasons to neuter an animal.

And, of course, there are compelling reasons for neutering that have to do with your own comfort. An unspayed female cat goes into heat every 21 days, from February to September. (An unspayed female that's indoors full time may go into heat year-round.) Unless impregnated, she cries and howls day and night for nearly a week. She'll dart out every time the door is opened until she meets a male, and the next thing you know, you have kittens. An unneutered tom sprays all over the house. He disappears for days, if let out, and may come home torn and bleeding from fights he's been in. It's hard to live with the noise of an unneutered female cat or the malodor of an unneutered male.

Most unspayed female dogs have two heat periods a year, and while they do not carry on the way female cats do, they may have a discharge, lose bladder control, and develop false pregnancies. An unneutered male dog is a problem to the owner only in that he will roam and get into trouble—or he may be a nuisance on the leash because he's scrappy toward other male dogs and hysterical around the females he meets.

There are many advantages to the pet: Spayed female and castrated male house cats are certainly more comfortable without the stress of unrequited sexual urges. And a spayed female cat will be protected against the uterine infections common among unneutered females. It was formerly believed that castrated males were more prone than uncastrated ones to urinary problems as they grew older, but many veterinarians now think the tendency is inherent in the anatomy of male cats and that the neutering is not the cause.

The spayed female dog is protected not only against uterine infections but also against mammary and ovarian tumors, which is a serious problem among many of the older females. Castration offers no particular health advantages to a male dog.

Q. Is it true that if a pet is neutered it will become fat?
A. Some veterinarians believe that neutering gives pets—cats or dogs, males or females—a greater tendency to gain weight. Whether or not this is so, the point is that you can control your pet's weight by feeding it only as much as it needs to maintain a good normal weight for its size and by ensuring that it gets adequate exercise.

Q. Does neutering have any effect on the personality of a pet?
A. Female cats and dogs aren't affected one way or the other by spaying. There is some evidence that male cats become sweeter and more home-loving. Male dogs roam less and are usually less meddlesome and aggressive toward other male dogs.

Q. At what age should a pet be neutered?
A. A female cat can be spayed at six or seven months of age. Veterinarians differ on whether the operation should be before or after her first heat period. They agree it's best not to perform the operation while she is in heat. A male cat can be castrated any time after he is six or seven months old.

A female dog should be spayed when she's between six and nine months of age, preferably it should be done before her first heat, to minimize the danger of developing mammary tumors later on. A male dog can be castrated after he is eight months old. ■

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Building facts
continued from page 193

"stainless steel sink: By Elkay Manufacturing Co. **Faucet:** Style #101. By Delta Faucet Co. **"Instant Hot Water Dispenser":** By In-Sink-Erator Manufacturing Co. **Deluxe 30" twin convertible grill/cooktop:** By Jenn-Air Corp. **"Custom" line dishwasher:** Energy-saver model with 2-cycle wash. Built-in trash compactor with trim kit: Both by KitchenAid Division, Hobart Corp. **Built-in self-cleaning oven:** 29⅞" x 23⅞" x 24" high. **"Single Thermatronic" built-in microwave oven:** 23½" x 14½" x 13⅜" high. 3 power levels, push button controls. Both with black glass door and by Thermador. **"Lo-Boy Remote" undercounter refrigerator:** 6' wide x 30" deep x 34" high. 25 cu. ft. total storage space, with two doors, two 24" x 30" x 15" high drawers set on wood base, with custom front panel, brushed chrome hardware. In plastic laminate or stainless steel finish. Other combinations available. By Allmetal Food Equipment Corp. **"Log Cabin Quiet" handtied one-of-a-kind quilt:** By Cranberry Quilters, South Hamilton MA 01982.

Materials and equipment used in the house shown on page 150–153.

ARCHITECT: Donald Watson
CONTRACTOR: Adrian Sprague
SIZE OF HOUSE: 1,200 square feet
STRUCTURE
Foundation: Concrete block
Framing: 2-by-6-inch wood frame.
EXTERIOR OF HOUSE
Exterior walls: White cedar shingles.
Insulation: 5½-inch batt fiber insulation in walls, 9-inch batt fiber insulation in ceilings.
Windows: Pella-Clad windows.
Skylight: Plastic skylight by Wasco.
INTERIOR OF HOUSE
Interior walls and ceilings: Gypsum board.
Floors: In major rooms, oak strip flooring; in kitchen, vinyl flooring; in bath, tile by American Olean.
Fixtures: Recessed fixtures by Lightolier.
Fireplace: Heatilator
MECHANICAL EQUIPMENT AND APPLIANCES
Plumbing fixtures: American Standard.
Kitchen and laundry equipment: Dishwasher by KitchenAid; oven and range by Crown; refrigerator by Frigidaire; laundry washer by Maytag.
Heating: Passive solar heating.

Michael Graves *continued from page 135*

(or Greenwich) shade of blue. There is often, we must admit, a certain compelling logic in received local customs. Against the lush summer greens and white winter snows of New England, might not white be the most neighborly of all colors to paint your house? How would a mauve house look against an autumnal background of red and yellow leaves? The answer will soon be ours: Michael Graves is on the verge of completing several significant new house designs, and their success or failure might well affect the prevailing attitudes in this country toward applied exterior color in architecture. The outcome of his bold attempt is by no means certain: but as we await the aesthetic verdict of Graves's experiments, we might well keep in mind Voltaire's observation that "The secret of the arts is to correct Nature."

Graves might or might not correct Nature, but he has certainly corrected history. He is one of the contemporary architects who has reminded us that modern architecture did not exclude the use of applied color. The great Swiss-French architect Le Corbusier, the most influential architect of the 20th century, often used subtle colorations of pink, blue, and green in the interiors of his buildings, even though their exteriors were almost always white. Known to us now only through black-and-white photos, many of Le Corbusier's houses of the 1920s were quite a bit more colorful than is now generally remembered. But Graves is well acquainted with the whole history of architecture, and he roams freely through centuries of civilization to extract bits and pieces that he transforms into designs that recall much in general but copy little in specific.

His temporary display for the Sunar furniture showroom in New York last year was a good case in point. The floor of its entry hall was covered in glossy black vinyl scored with crisp white tape, simulating tiles. Salmon-pink columns topped with dull metallic gold capitals seemed like relics from a lost Aegean civilization. A pink, blue, mauve, and white mural might have been a fresco unearthed at Pompeii, while the swirling bolts of fabric on display in the showroom might have been the backdrop for some majestic Baroque portrait.

Another Graves showroom for Sunar in Chicago caused a flurry of controversy when it opened. Some critics claimed that its blue-gray coloration made it difficult to distinguish the true colors of fabrics and finishes, while others hailed it—even while groping for words to describe it—as the most innovative breakthrough in showroom design in years. Graves has been designing furniture for Sunar as well. He is one of a growing number of young architects interested in the practice of total design—the integration of architecture, interior design, furniture design, and accessories into one unified scheme. It is actually a revival of an old tradition: Frank Lloyd Wright not only designed furniture, rugs, and textiles for his interiors, but sometimes even would design dresses to harmonize with his houses.

Michael Graves has not gone quite that far. But his designs for tables, chairs, light fixtures, and even a new rug (custom woven by V'Soske for his associate, Karen Wheeler) add a much broader dimension to his concerns than has been seen among architects in many years, and the range of colors they share complements the characteristic shades he favors in his architecture in general.

Thus, the rosy terra cottas, dusky pinks, dulled cobalt blues, and softened gray-greens are seen time and again in his designs. "My choice of color is almost childlike," says Graves, "in that any kind of metaphor using color must be very direct, or else it will not be understood. If you ask a child, 'What color is the sky?' or 'What color is the sun?' he will be able to tell you. In architecture, if you try to attribute meaning to color, you are caught up in a specific frame of reference. For example, if I want to emphasize part of a building rooted in the earth, I may have it painted brown, terra cotta, or green. There is room for variation, but only within a certain limited range. That's because you can't have a language unless it's so fully understood that you don't have to reinvent a language every time you use it. Once you're involved with the symbolism of color, you're involved with some degree of consistency."

In considering the transformation in contemporary architecture represented by the work of Michael Graves, it is interesting to note that he is actually retaining more tradition than he is discarding. A look back over the course of American architecture since the end of World War II reveals that a much more extreme—and much less successful—break with tradition occurred in the 1950s and '60s, when architects, in the role of "form-givers," vied with one another in presenting the public with buildings in unusual shapes that resembled almost everything except our general notion of buildings. From New York's spiral Guggenheim Museum by Frank Lloyd Wright to San Francisco's pyramidal Transamerica building by William Pereira, our country was punctuated by architectural monuments that appeared to many people to be more expressive of their designers' egos, rather than the public's benefit or preference.

The architecture of Michael Graves might not seem to some people to be much different in that respect. Yet in fact his desire is to return to an architecture of more familiarity and meaning than the often anonymous and sterile structures designed by the American followers of orthodox modernism. Graves's use of such traditional motifs as columns, moldings, keystones, murals, and other details that originated in Classical architecture is evidence of his desire to retain elements that have long been the basic—and until recently, the unbroken—heritage of Western architecture. This search for a usable past as the basis for a workable future is what Michael Graves's art is essentially about.

The paradox of the artist is that he is at once part of his time, but also to some degree must remain outside it. If art is a mirror of those who create it—and the times in which it is created—then architecture, our most public art form, must be seen as a particularly accurate mirror. Michael Graves's work, which seeks to integrate architecture and painting, color and form, old and new, might become a clear and true reflection. ■

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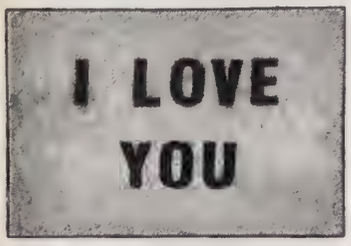

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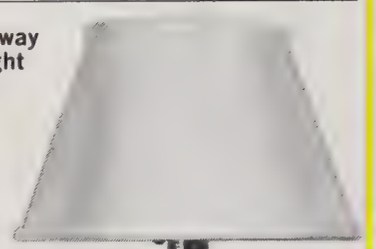

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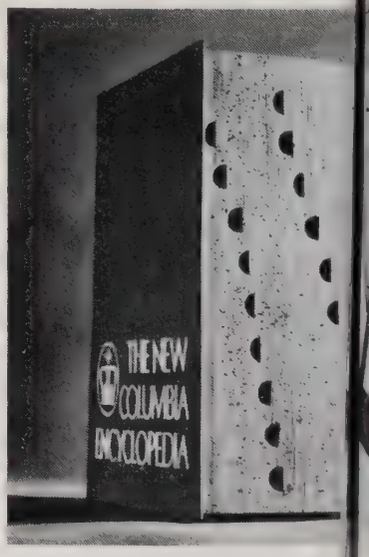

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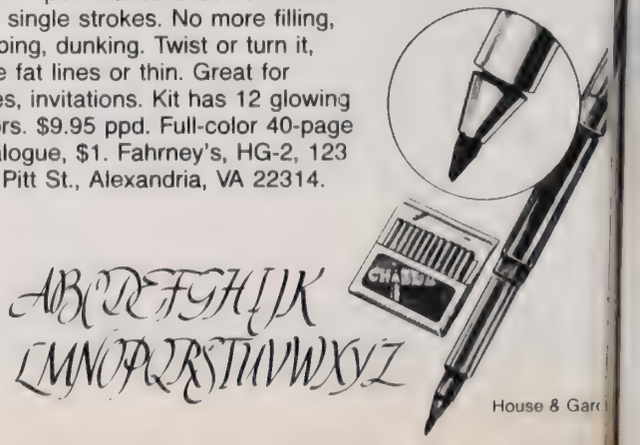

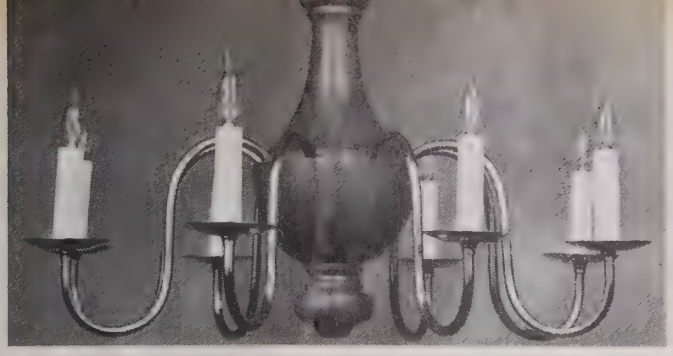

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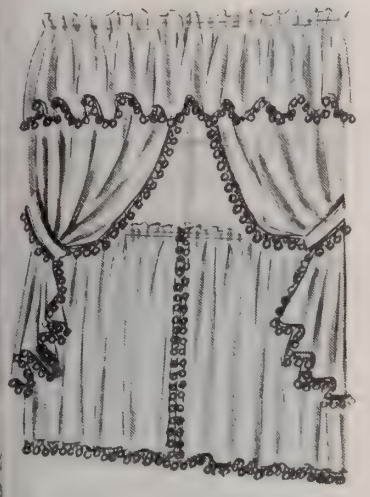

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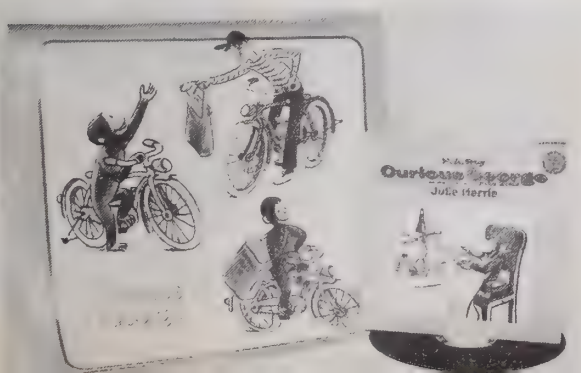

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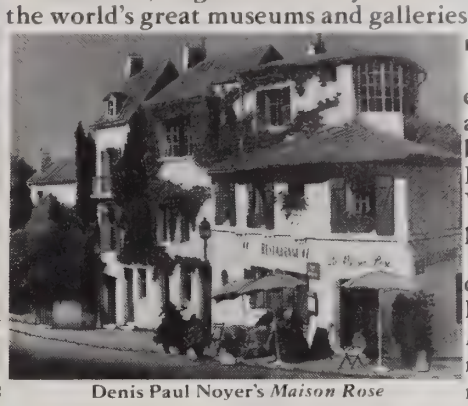

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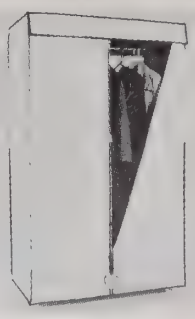

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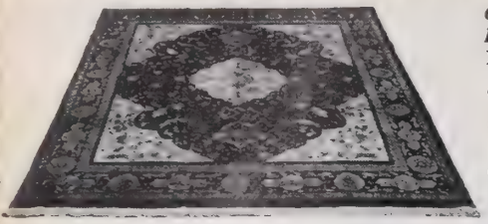

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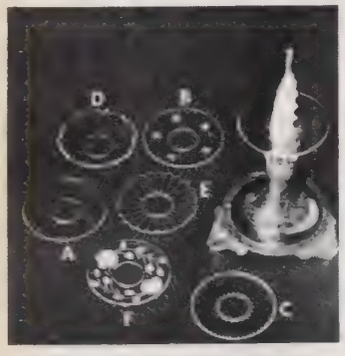

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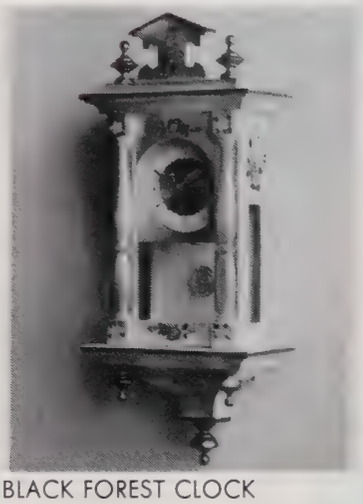

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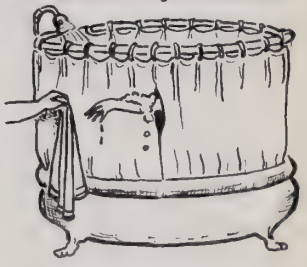

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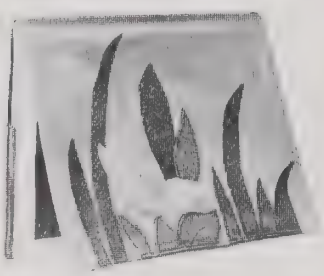

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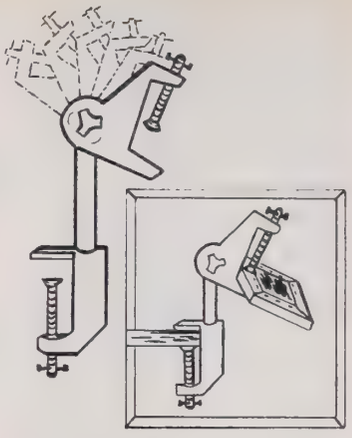

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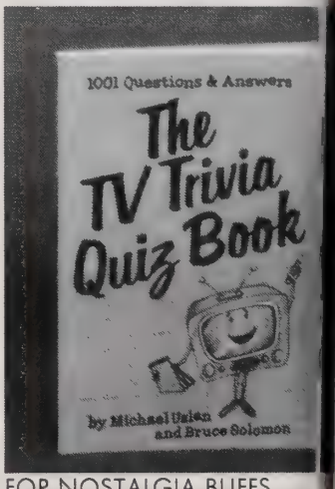

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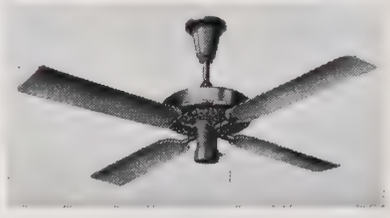

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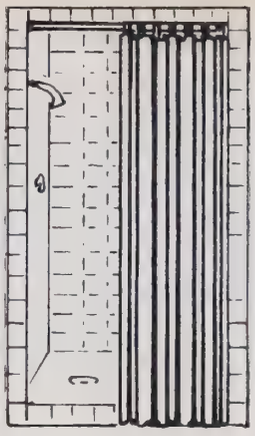

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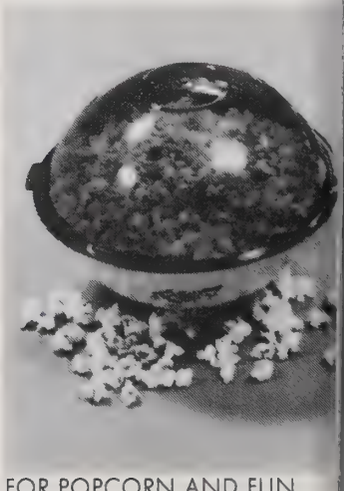

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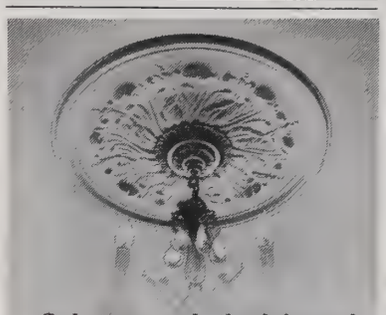

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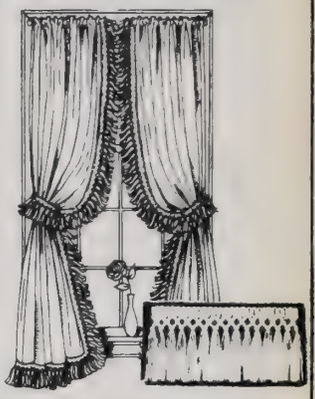

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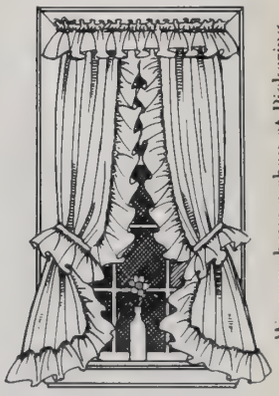

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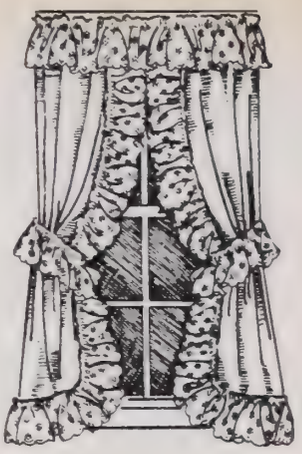

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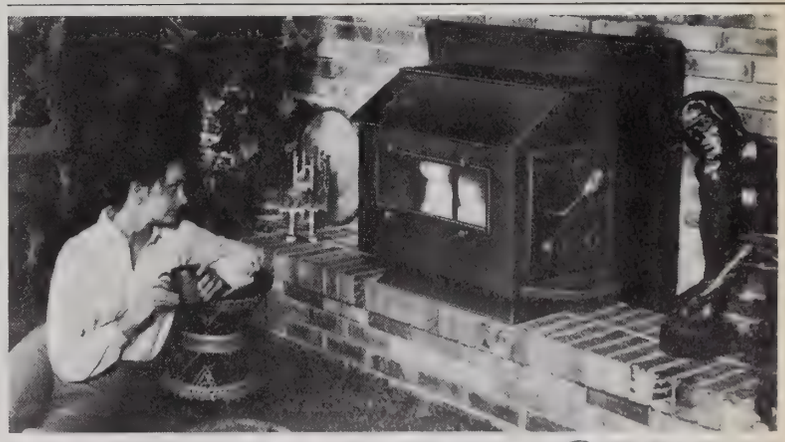

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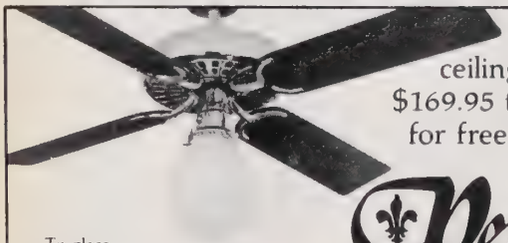

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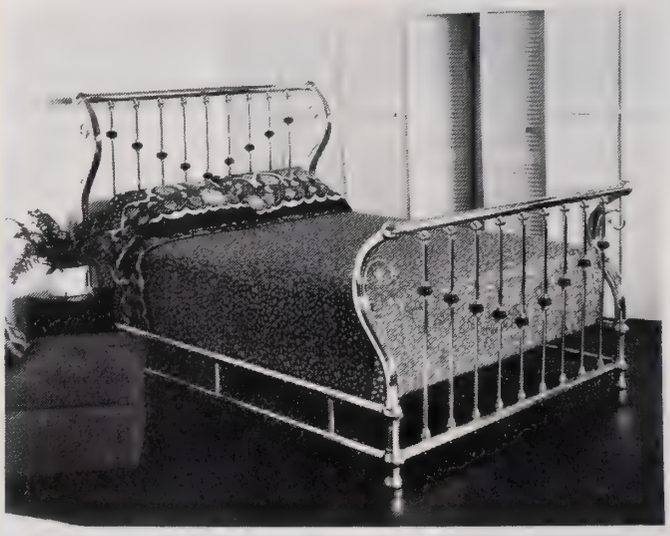

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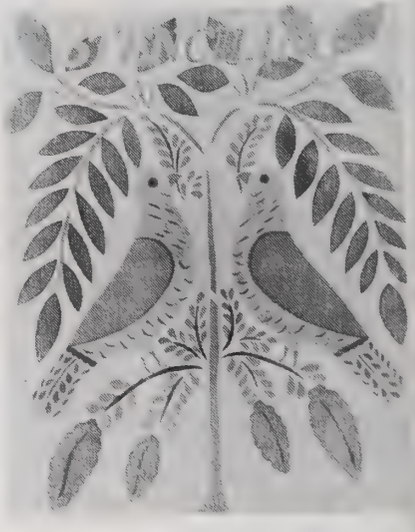

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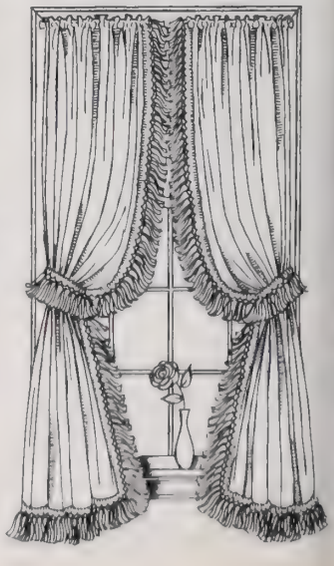

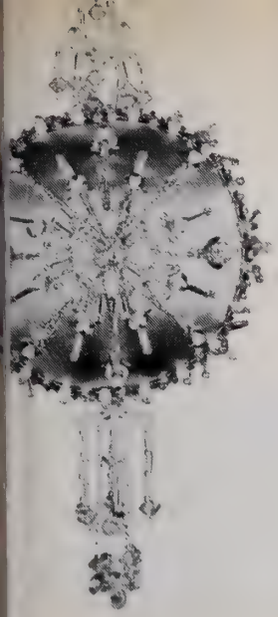

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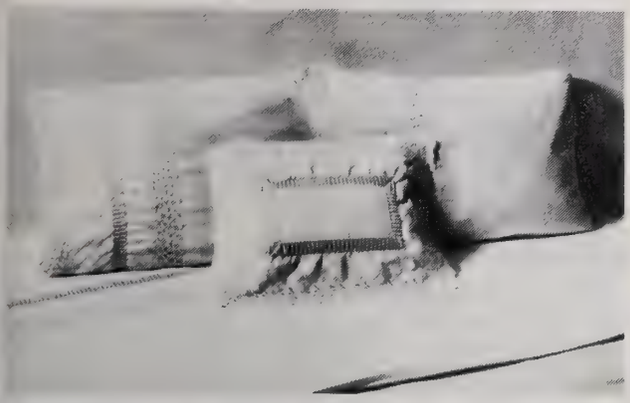

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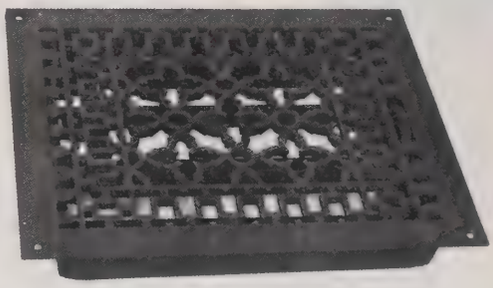

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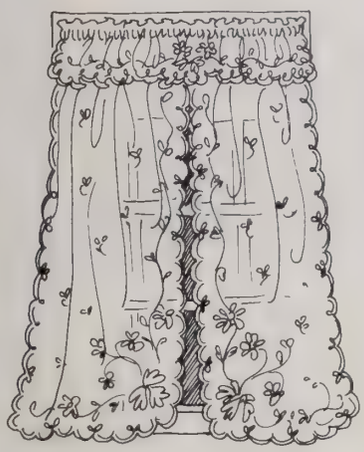

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Khaki sailcloth of polyester/cotton by Gordon of Philadelphia: Half-lined blazer has patch pockets, back vent; six-gore skirt: side zip, striped cotton web belt; 4-16. Blazer $74; skirt $36. Mather Shirts, Ltd; plaid cotton, long sleeves, white/khaki/tomato/navy, 6-16. $40. Add $2.75 post. per order. MC/BA/AE. Tel: 617 749-7830. Send for free catalogue. The Talbots, VL, Hingham, MA 02043.

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Use hand-embroidered wool flowers on handwoven cotton from India on walls, shades, sofa for a total look. Or as accents for pillows, draperies. 50" wide. $14 yd. ppd. MC/V. Send 50¢ in stamps for color catalogue/swatches. Gurians, HG3-0, 276 Fifth Ave., New York, NY 10001.

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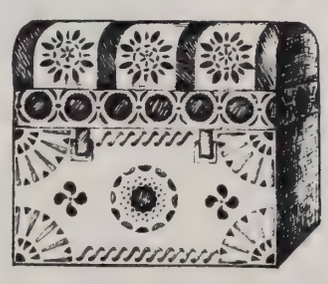
HEIRLOOM STENCILS
by Adele Bishop



First Complete Full Color Stenciler's Catalog: describes 15 exclusive Adele Bishop kits and patterns, ranging from beginner's to major home decorating projects - floors, furniture, walls, tinware, wooden objects, floorcloths, fabrics; 12 colors PRESTO-DRI® japan paints, 3 sizes professional brushes, comprehensive instructional booklet, polyester stencil sheets. Describes the definitive stenciling book - The Art of Decorative Stenciling. Send $1.00 for catalog.

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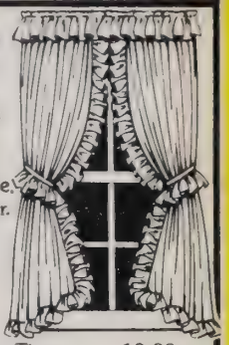
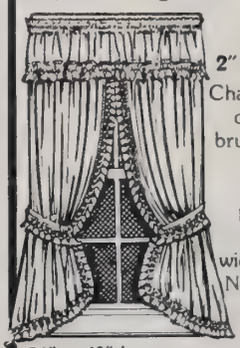


Machine wash, no-iron curtains with extra-full 2½" ruffles and attached valance. 78" wide per pair. Highest quality poly/ctn. blend muslin. Natural or White.

24", 30" or 36" lg. Tiers	10.00 pr.
45", 54" or 63" lg. With Ties	14.50 pr.
72", 81" or 90" lg. With Ties	16.50 pr.



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Charming colonial curtains with 2" brush fringe sewn on highest quality no-iron poly/ctn. blend muslin. Extra wide 90" per pair. Natural or White.

36" or 40" lg.	11.00 pr.
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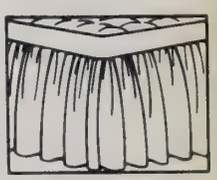
63" or 72" lg.	16.50 pr.
81" or 90" lg.	18.50 pr.
Tiebacks	1.50 pr.
Valance	4.75

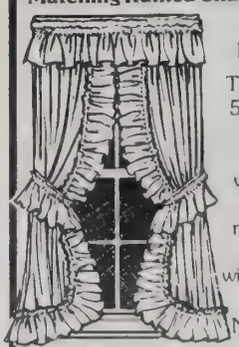
Matching Long Drop Dust Ruffle.



Extra-full, split corners, ruffled onto self-matching platform. Matches all three curtains.

Drops	14"	18"	22"
TWIN	23.50	28.50	31.00
FULL	27.00	31.00	34.00
QUEEN	32.00	38.50	41.00

Matching Ruffled Sham 13.00



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45" or 54" long	19.50 pr
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81", 84" or 90" long	24.50 pr.

Satisfaction guaranteed or your money back. Add 2.50 Post/Hdlg. Send check, M.O. Master Charge, Visa or American Express. N.Y. Res. add tax.

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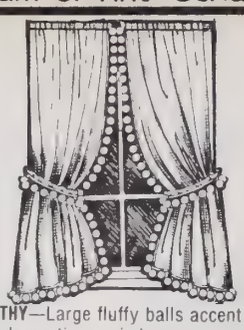

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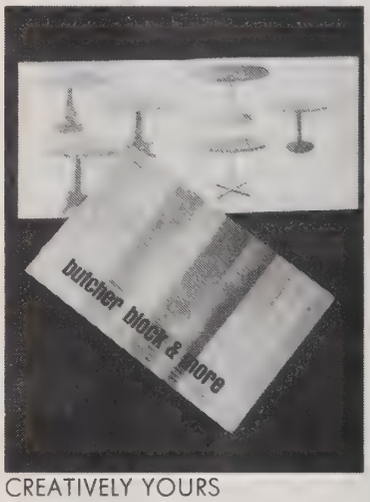
Charming nurse in an old-fashioned blouse/white uniform, carrying tray of medicines revolves to the tune: "You Light Up My Life." Matte-finish bisque enamel, 4½" tall. A way to say "Get well soon," a collector's joy. $9.95, add $1 post.; two $18.95, add $1.90 post. Hanover House, HZ-2009, Hanover, PA 17331.



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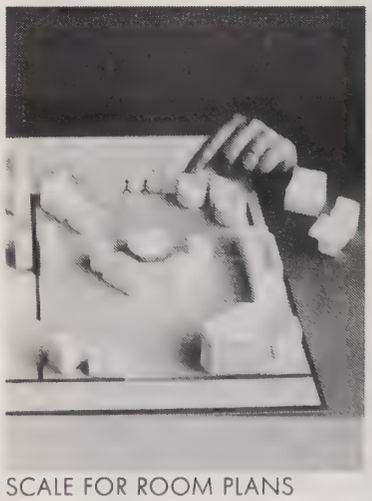
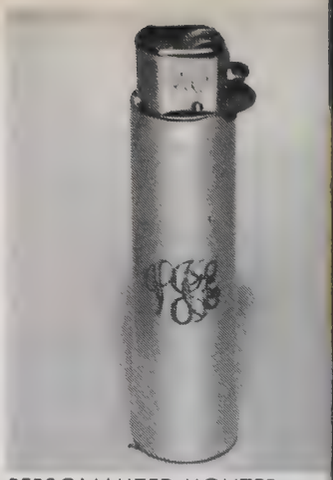
There's a variety of stimulating ideas featuring maple hardwoods as country-style dining tables, work tables, mobile carts, shelving, benches and counter tops. All are shown in a fully illustrated 44-page catalogue 50¢. Write to: Butcher Block & More, HG3, 1600 So. Clinton, Chicago, IL 60616.



SCALE FOR ROOM PLANS

Miniature polystyrene pieces are one half inch to one foot scale to help plan your room arrangements easily. Come in kit with graph board, walls, windows, doors, and instructions. Furniture includes variety plus fireplace, piano. $9.98, $1.25 post. Plan-It-Kit, HG3, Box 429, Westport, CT 06880.



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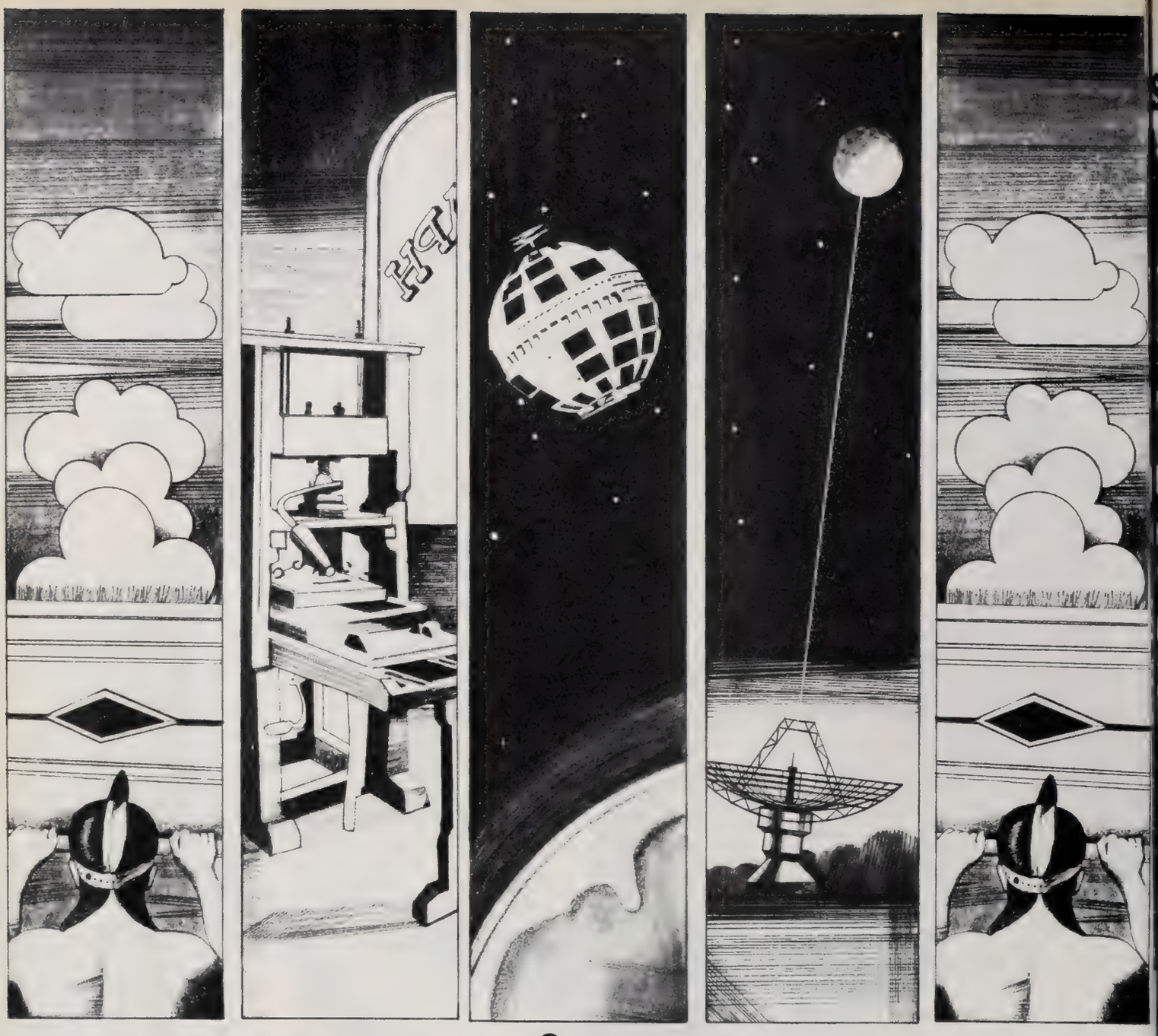
Set a table that sets you apart.
Send for our free tableware brochure. Fitz and Floyd, 1371 Round Table, Dallas, Texas 75247



We can't afford to run out of ideas.

How many ideas do you suppose it took to develop human communications from smoke signals that covered a few miles to satellites and laser beams that reach from here to the moon? Most of those ideas came from college-trained minds and college-based laboratories. Now these vital sources of ideas are threatened—by shortages of money that are forcing colleges to curtail programs, reduce faculty, limit laboratory work, cut down on book purchases for libraries. We must not let this deterioration continue. We can't afford to run out of ideas. Or we may all be back to smoke signals again before we realize it.

Make America smarter. Give to the college of your choice.

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NY/W/ 2

The cash register of Nettie's speaks to the computers of Needham.

(Frank Kirtien Jr., Vice-President of Nettie's Flower Garden, wreathed in smiles.)

"Contrary to popular belief, life in the flower business is no bed of roses.

"It's a jungle out there.

"And although, as Vice-President of the largest flower business in St. Louis, I'm an expert on the likes of Floridian gladioli, Dutch parrot tulips and South American carnations, what I used to know about media buying did not amount to a hill of beans.

"So, like my competition, I depended on radio, local newspapers and the inevitable neighborhood grapevine.

"But as my business began to branch out from corsages to conventions, bouquets to banquets, I wanted a media buy that would reach more successful businessmen without nipping too far into my advertising budget.

"Then last year, my advertising agency—Harris McKenna Meng—told me about MNI.

"Magazine Networks, they said, is an inexpensive way to buy national upscale magazines in compatible local groups. With networks you can choose demographically, geographically, even psychographically. In markets as local and diverse as Denver, Rochester, Kansas City and Miami.

"So in the past year, ads for Nettie's appeared in magazines like Better Homes and Gardens, House & Garden and House Beautiful.

"And our business has grown bigger than ever, while—unfortunately—the flower industry in general has wilted slightly. If there's a smell sweeter than roses, it's success."

If you want to find out more about Magazine Networks and how it can be used for heavy-ups, test-marketing or special promotions, call Bonnie Axthelm at (212) 661-4800.

There's a lesson to be learned from a man who buys media with his own money.

MNi

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SHADOWS
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SHADOWS

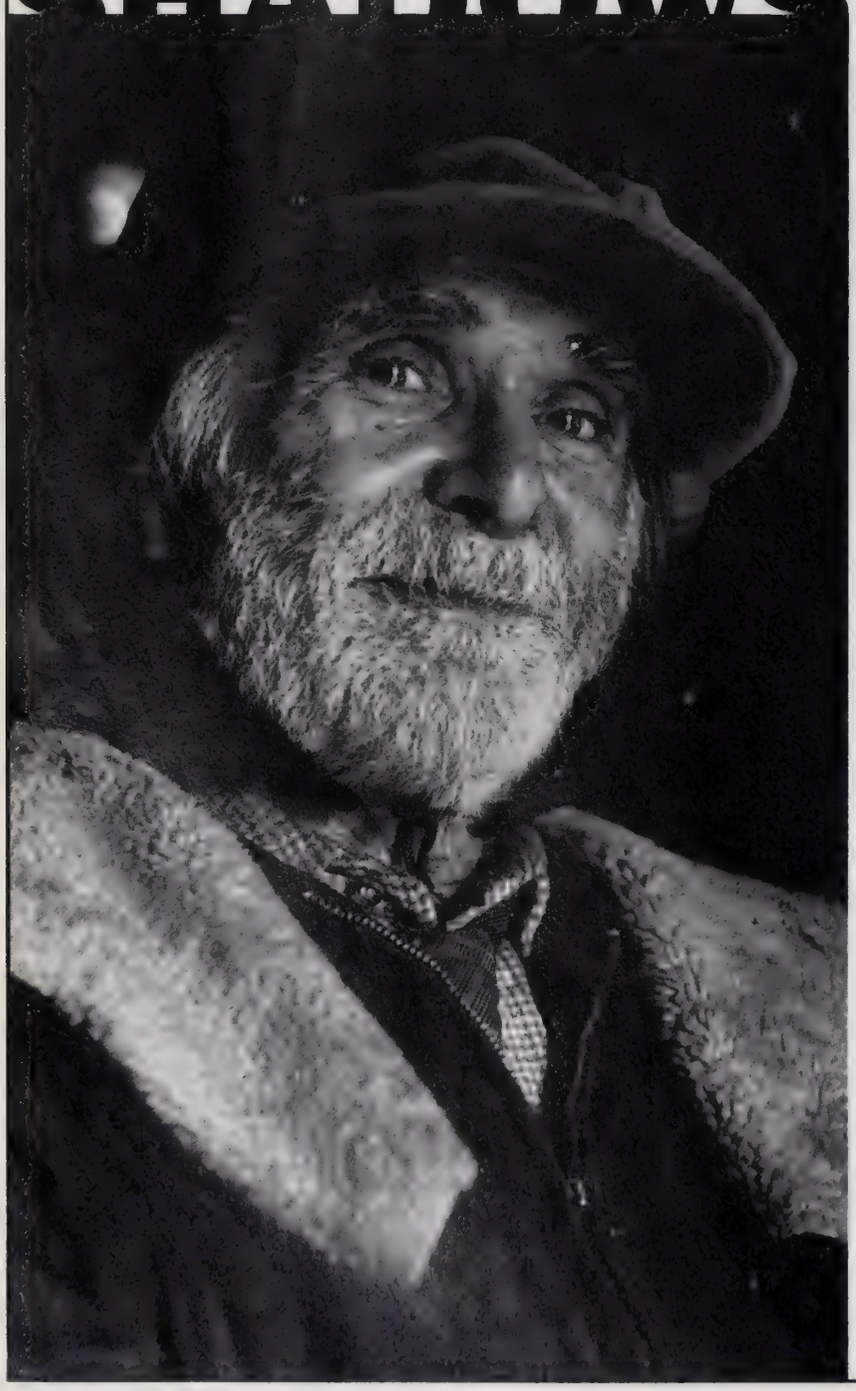

photo by Jackie Gill

What is a shadow? A shadow is form without substance, appearance without presence. An older person may become a shadow because of neglect, lack of meaningful occupation, or because of society's negative approach to aging.

On Manhattan's upper Westside there are 33,000 older persons, many of whom suffer from substandard housing, isolation, inadequate income, and lack of knowledge about health care and social services.

WEME, founded in 1973, is a non-profit, non-sectarian agency dedicated to assisting older persons through counseling, advocacy, information and referral. Trained volunteers make regular home visits to listen to and befriend an elder.

What does one gain by meeting an older person? A chance to learn of and share in the experiences, insights, and wisdom of another's life.

What does one give? Only patience, caring and several hours of time.

If you would like to help, or if you need help, please contact:

The Reverend Nancy Wright,
Executive Director
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724-3500

R TO RETURN

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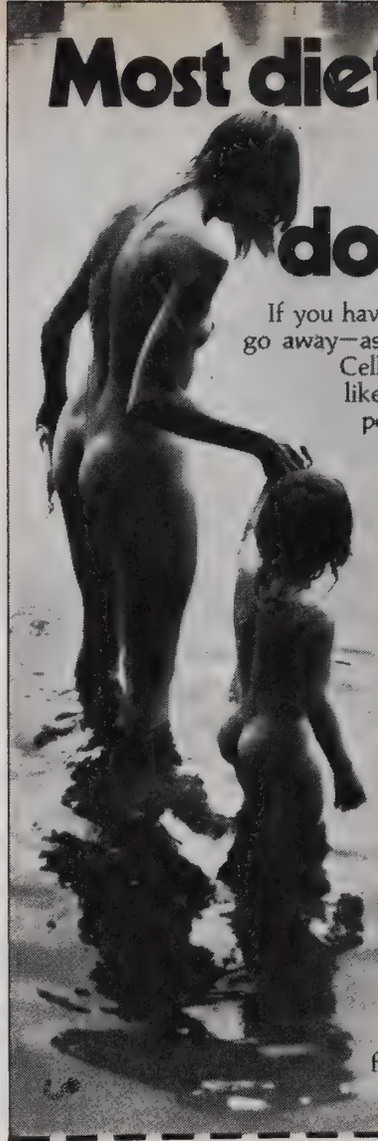

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Au Naturel is a 100% natural tablet program specifically formulated for your Cellulite problem. Au Naturel is easier than starving yourself or becoming an exercise fanatic. Tens of thousands of women have used Au Naturel successfully when diets and exercise WERE NOT successful. It's amazing how fast and easily you get results when you understand the problem—instead of continuing to torture yourself with old-fashioned methods. Unless your weight or Cellulite problem is caused by a glandular malfunction or another abnormal condition, rush your check or money order today. We'll include a free 24-page booklet on the correction and prevention of Cellulite.

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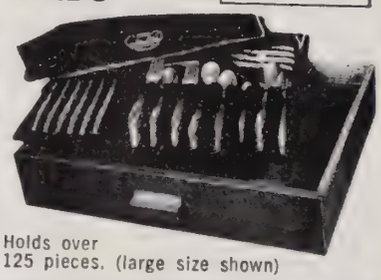

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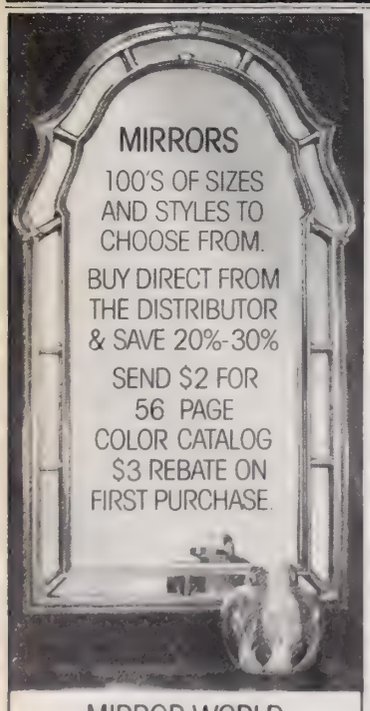

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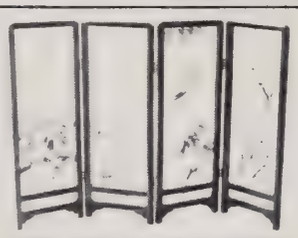

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Rush of roses goes into lace-edged stripes. Easy-care dacron polyester batiste. Gold, red or brown accents on natural ground. 86"w. per pr. 45"/54" $18; 63"/72" $20; 81" $22. With self-valance and tiebacks. Add $2 post. (Tiers, valances/swatches are available.) Riverdale Interiors, HG3E, Box 97, Riverdale, NY 10471.

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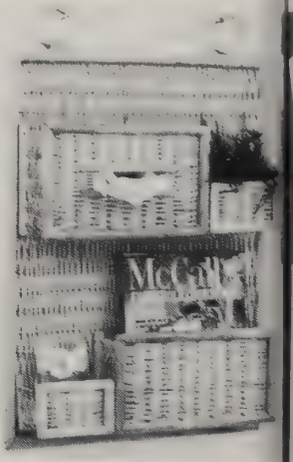

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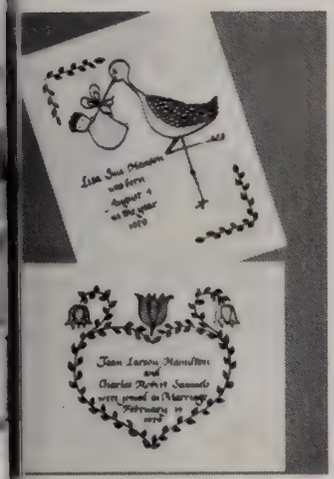

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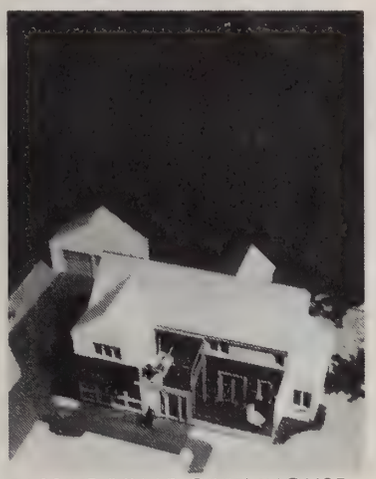

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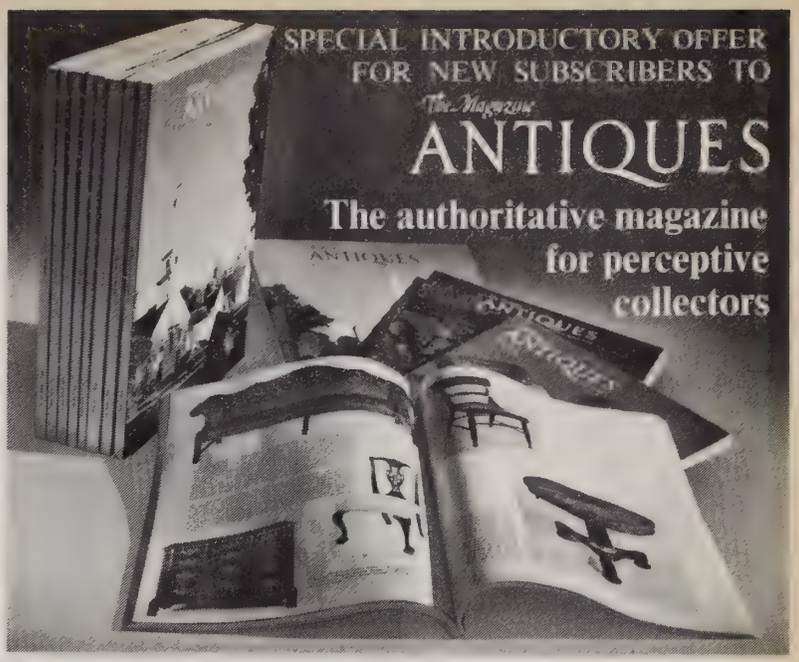

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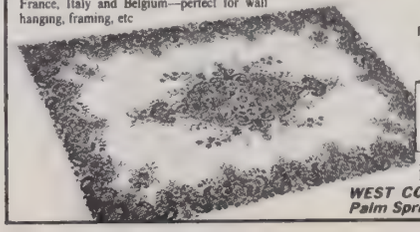

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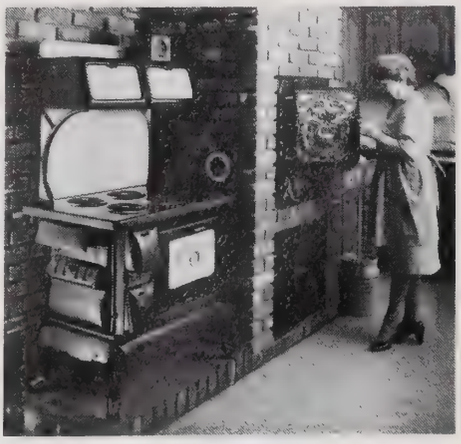

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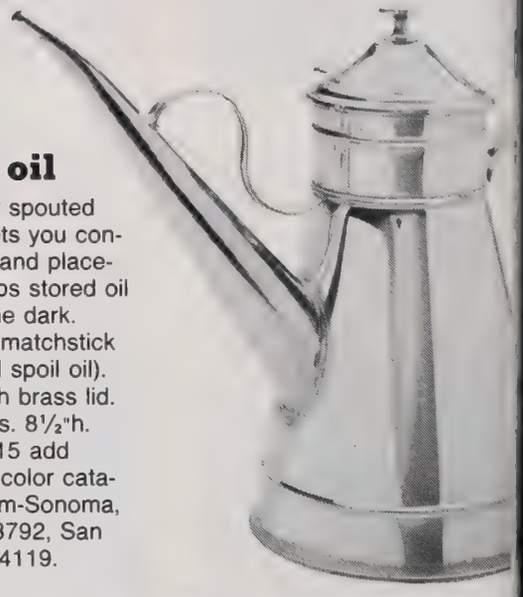

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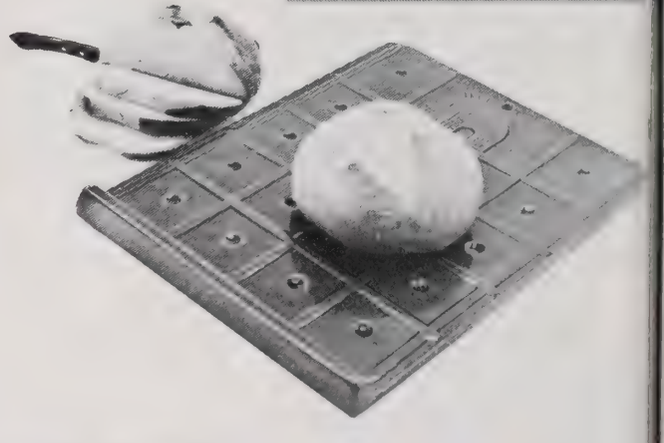

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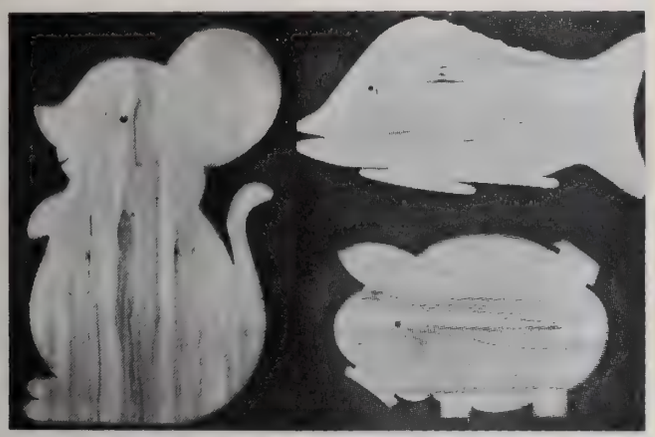

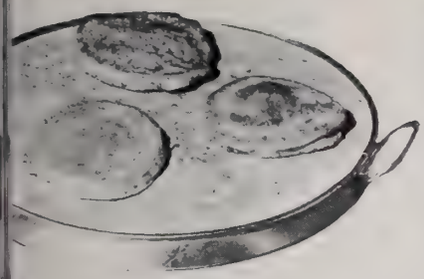

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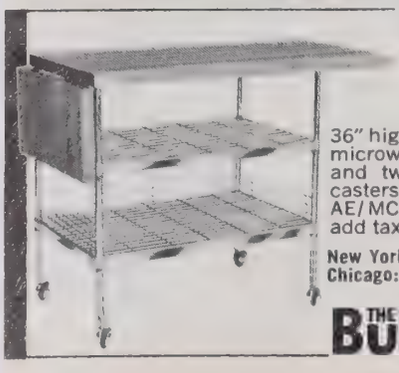

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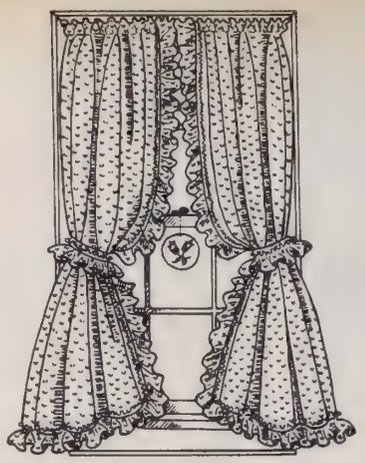

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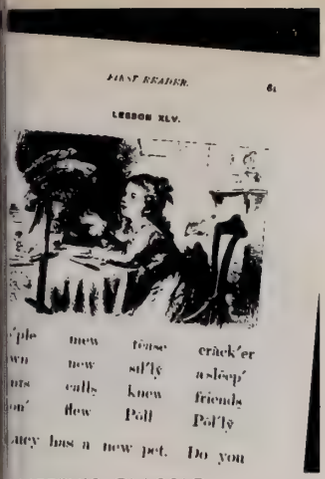

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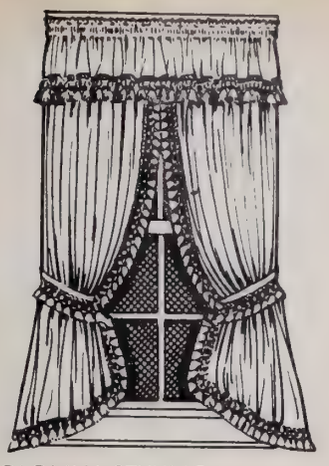

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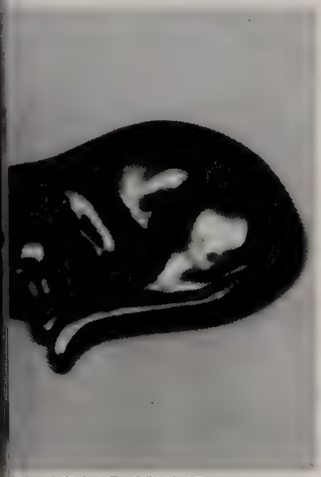

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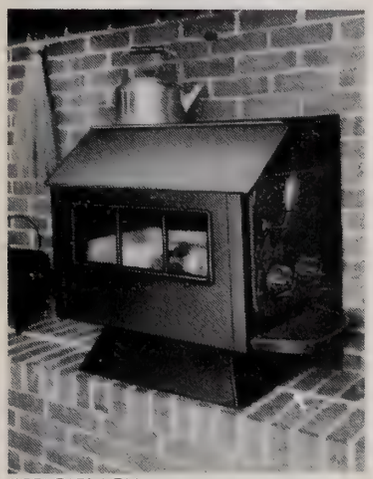

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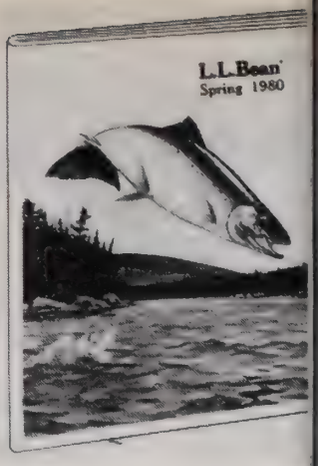

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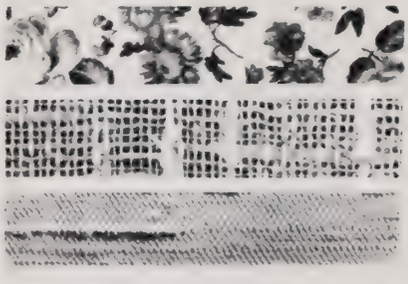

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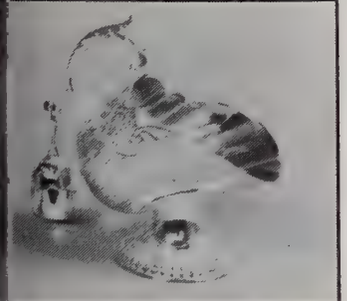

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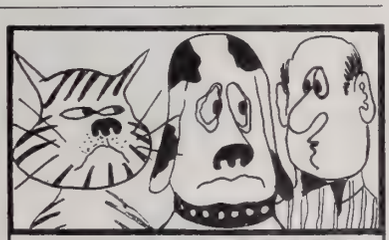

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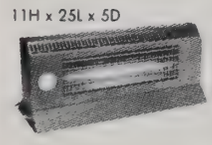

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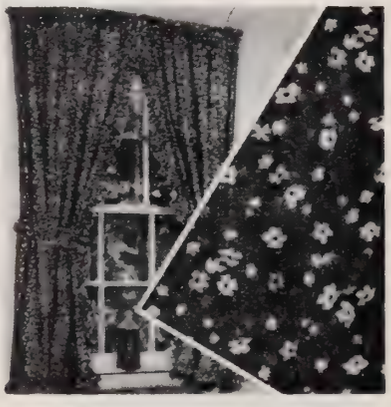

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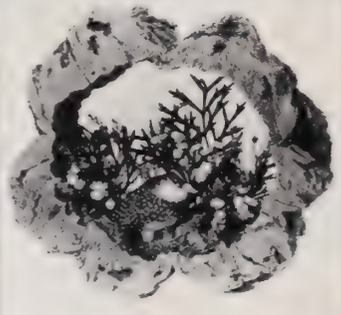

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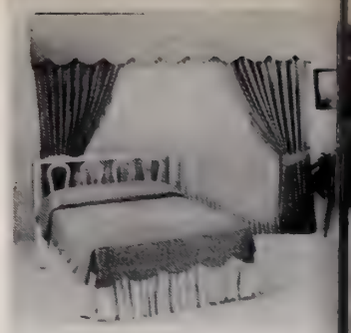

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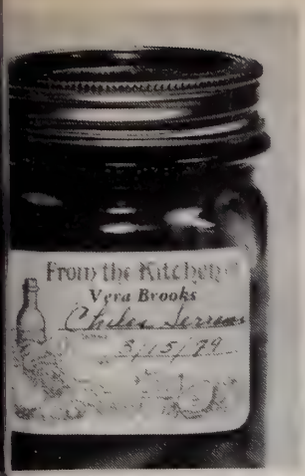

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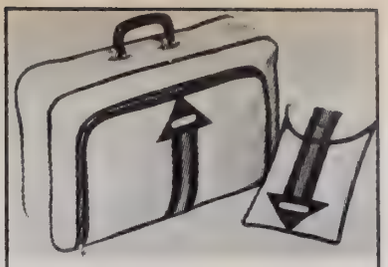

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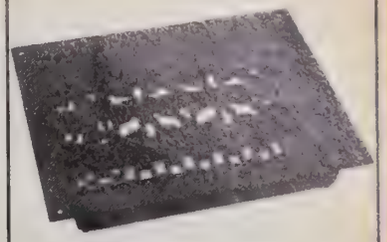

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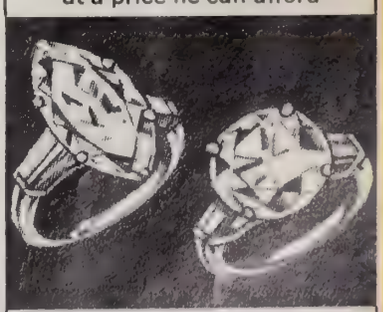

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Bargain gardens See page 139

Garden

A successful young gardener's tips and triumphs from behind the sunflower curtain

Flowers from $25 worth of seed packets A to Z: Choices, sizes, colors, comments

Acrolinium *Helipterum roseum* 15". White to rose daisy-like everlasting with yellow centers.
African daisy *Dimorphotheca aurantiaca* 1'. 'Glistening White,' 'Salmon Beauty.' Closed at night, so not good for parties.
Ageratum *A. Houstonianum* 10". 'Blue Mink' cut back once, regenerated well. 'Golden ageratum' (*Lonas inodora*), pretty, dried well.
Aster *Callistephus chinensis* 1½'-2½'. 'Red, White, and Blue Early Bird' and 'Massagno, Mixed,' midsummer to frost.
Baby's-breath *Gypsophila elegans* 1½'. 'Covent Garden White,' good filler in bouquets.
Bachelor's-button/ Cornflower *Centaurea Cyanus* 2½'. 'Blue Boy,' beautiful, required staking.
Bells-of-Ireland *Moluccella laevis* 2½'. Green bell-shaped bracts. Started early with bottom heat, bloomed July.
Black-eyed Susan 'Gloriosa Daisy' *Rudbeckia hirta* 2½'-3'. 'Mixed Colors,' Great, but watch out for borers and mildew. Perennial.
Blanket flower *Gaillardia x grandiflora* 1'-2½'. Red, orange, yellow 'Complete Mixture,' bloomed late in first summer. Perennial.
Calendula *C. officinalis* 1½'. Yellow to orange 'Pacific Beauty.' Hardy, sown outside. A favorite of black aphids.
California Poppy *Eschscholzia californica* 1'. Cream to dark red 'Sunset.' Stunning but fleeting bloom.
Canterbury-bells *Campanula Medium* 2½'. 'Cup-and-Saucer,' mixed. Started early, attractive plant sent up only tiny flower stalk first year. Biennial.
Carnation *Dianthus Caryophyllus* 1½'. 'Giant Marguerite, Mixed Colors' bloomed early first year, late the next. Perennial.
Castor Bean *Ricinus communis* 8'. Green and red 'Complete Mix.' Tall and tropical looking. Leaves and seeds poisonous.
Catnip *Nepeta cataria* 3'. White-blue. Invasive creeper with tiny flowers, a favorite hangout for kittens. Perennial.
Celosia *C. plumosa* 2½'. Scarlet dark-foliaged 'Forest Fire Improved.' Brilliant plumes.
Chinese-lantern *Physalis Franchetii* 2'. Orange. A big seller at 25¢ a stalk. Aggressive. Perennial.
Clarkia *C. unguiculata* 2'. White, salmon to purple 'Mixed Colors.' A mountain native, it burned out early.
Clover 'Alsike' *Trifolium hybridum* 2'. White to pink. Perennial.
Coreopsis *C. lanceolata* 2½' 'Sunburst.' Deep butter-colored daisies. Bloomed well first season. Perennial.
Cosmos *C. bipinnatus* 4'. White, pink, crimson 'Sensation, Mixed.' Red 'Diablo.' Another favorite of man and borer and my favorite scent.
Cup-and-saucer vine, *Cobaea scandens* 20'. Purple-blue. Grew slowly, never flowered.
Dahlia *D. pinnata* 3-4'. Mixed tall cactus and pompon types. All grew successfully from seed. Dug resulting tubers in early fall for future use.
Globe Amaranth *Gomphrena globosa* 1½'. Pink, purple, white 'Mixed.' Everlasting with clover-like blossom.
Hollyhock *Althaea rosea* 2½'. Purple-striped 'Althaea Zebrina.' Bloomed well its first year. Perennial.
Jerusalem Artichoke *Helianthus tuberosus* 8'-12'. Yellow flowers, edible tubers. Spreads. Should have isolated. Perennial.
Larkspur *Delphinium Ajacis* 4'. 'Dark Blue Spire,' 'Giant Imperial Mixed Colors.' Annual delphinium with attractive spires, untidy foliage after bloom.
Love-in-a-mist *Nigella damascena* 1½'. Pastel 'Persian Jewels, Mixed.' Lacy foliage.
Marigold *Tagetes patula* (French) and *T. erecta* (African) 1' Maroon-yellow 'Naughty Marietta.' 2½' Orange to yellow 'Climax Mixed Colors.' 'Climax' bordered entire garden.
Mexican Sunflower *Tithonia rotundifolia* 4'-7'. Orange-red 'Torch.' Sturdy plants helped form garden centerpiece.
Monkey Flower *Mimulus x hybridus* 1'. Maroon and yellow 'Royal Velvet Hybrid.' Very unusual and worth painstaking start.
Nasturtium *Tropaeolum majus* 1'. Gold to mahogany 'Double Dwarf Jewel Mixed Colors.' As good to eat as to look at.
Nicotiana/Ornamental Tobacco *N. alata* 1½'. 'Nicki Red.' Pretty. Potato bugs loved it; ladybugs helped.
Oriental Poppy *Papaver orientale* 3'. White, pink, salmon, red 'Mixed Colors.' Slow, and how I wanted them. Maybe next year. Perennial.
Petunia *P. x hybrida* 1'. Violet blue 'Mariner.' Red 'El Toro.' Maddening to keep spent blooms pinched off but responded well to cutting back.
Pincushions *Scabiosa atropurpurea* 3'. Pastel 'Giant Imperial, Mixed Colors.' Purple, exquisite. When I came too close to sniff, discovered how it got its name.
Salvia *S. azurea, S. coccinea* 2' 'Blue Bedder' and 'Red Salvia.' Good vertical accent.
Snapdragon *Antirrhinum.* Pastel 'Sweetheart' 2½' 'Giant Ruffled Tetra.' Three flushes of bloom on successively shorter stalks.
Statice *S. sinuata, Limonium sinuatum* 2½'. White, rose, lavender 'Mixed Colors.' Status and statice important on Long Island.
Continued on page 226

June Ahrens with pets, flowers

Sunflowers, a colorful windbreak for a sunny garden

EDWARD GLEKSAK

GARDENER'S NOTES

BY JAMES FANNING

Enjoying the rites of spring

The new brightly scarlet leucothoe, a splendid tea rose, the annual flower shows

Compact leucothoe

Leucothoe has long been a favorite plant of landscape designers, mainly because of the strong wine-red color of its leaves in winter. A less desirable characteristic of this fine shrub, however, is its tendency to produce long, gawky, bare-based shoots. But now an Ohio hybridizer has produced a new type of the familiar plant—one with low, compact growth. Named *Scarletta,* this leucothoe never exceeds 2 feet in height and its new leaves are bright scarlet, so that each plant is a mound of red throughout the year. Having originated in Ohio, it is certain to be hardy practically everywhere in the U.S. Scarletta is being distributed by the Conard-Pyle Co., and

WAYSIDE GARDENS

Leucothoe Scarletta is a compact mound with bright red new leaves.

will be available at retail nurseries for planting in the spring of 1980. It is also available by mail from The Wayside Gardens Co., whose catalogue is still the fine book of reference it has been for a generation or more. It is priced at $1 a copy, from The Wayside Gardens Co., Hodges, S.C. 29695.

A rose for the '80s

Unquestionably designed to become one of the "great roses" is Honor, an All-America Award winner for 1980. Clear

Hybrid tea rose Honor blooms reliably all summer long.

ivory white, with rounded petals that give the flowers a distinctive sculptural form, Honor sets a new standard for roses of the hybrid tea type. The flower stems are long and straight, and are borne all summer long on a vigorous, tall-growing plant. William Warriner, chief hybridist for Jackson and Perkins, originated Honor together with its AARS award-winning companions, Love and Cherish. A fitting tribute was given to Mr. Warriner at the Conard-Pyle Red Rose Rent Day, in September 1979, when he was presented with a hat that had belonged to his predecessor at J. & P., the distinguished rose hybridist Eugene Boerner. No one could be better qualified to wear the Boerner hat. Love, Honor, and Cherish, together with All-America Rose Selections of previous years, will be available for home gardens everywhere at planting time in 1980.

Show time

Our first taste of approaching spring comes with March flower shows. This year, regrettably, the Chicago show will not be held. But the nation's two oldest shows are still going strong. The one in Philadelphia will run March 9-16 at the Philadelphia Civic Center, 34th Street and Civic Center Boulevard. The Boston show runs March 15-23, at Commonwealth Pier on Northern Avenue. Both shows, in keeping with long-established custom, welcome entries from amateur and professional growers. Schedules of competitive classes, as well as hours of

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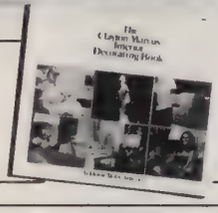

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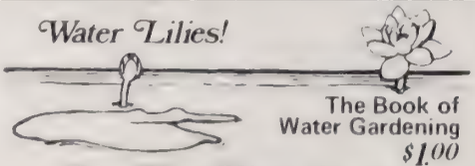

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Gardener's notes
continued from preceding page

opening and ticket prices, are available from The Pennsylvania Horticultural Society, 325 Walnut St., Philadelphia, Pa. 19106, and from The Massachusetts Horticultural Society, 300 Massachusetts Ave., Boston, Mass. 02115. And just a bit later, March 27-29, the American Daffodil Society will hold its annual show at the Hyatt-Regency Hotel in Memphis, Tenn. This is in conjunction with the Daffodil Society's National convention. For full information about the convention, daffodil show, and the Daffodil Society itself, write to Mrs. Bert C. Pouncey, Jr., Anoka Farms, Rt. 1, Box 228, Hughes, Ark. 72348. ■

Gardener's tips
continued from page 224

Strawflower *Helichrysum bracteatum* 3'. White to red 'Mixed Colors.' Tall everlasting to cherish as winter decoration.

Summer Cypress *Kochia scoparia* 2½'. Green, turning red in fall. Used as background.

Sunflower *Helianthus annuus* 10' 'Mammoth,' 5' yellow to bronze 'Large Flowered Mixed' and double 'Sungold,' 4' 'Italian White'—outstanding. 'Mammoth' an effective windbreak though eventually toppled by a violent storm.

Sweet Alyssum *Lobularia maritima* 4". 'New Carpet of Snow.' Good for border and accent.

Sweet-sultan *Centaurea moschata* 3'. White to crimson 'Imperialis' and 'Giant, Mixed Colors.' Related to bachelor's-button. Rare yellows were my favorites.

Velvet Flower *Salpiglossis sinuata* 2½'. Veined 'Emperor, Mixed Colors.' Trumpet-shaped flowers mid-summer to frost. My favorite (I think!).

Viola *V. cornuta* 6". Yellow, mauve, purple 'Monarch, Mixed Colors.' Sturdy, long-lived. Kept them going all season by planting in semi-shade and by frequent cutting.

Wallflower *Cheiranthus Allionii* 15" 'Golden Bedder.' Short with orange flowers, bloomed profusely. Biennial.

Zinnia *Z. elegans* 1½'. Mixed 'Lilliput' pompons. 2' 'Cut and Come Again' abundant for cutting. 2' 'Chippendale' dark red with yellow tips, disease resistant. 2½' Scarlet Ruffles. 3'-4' White, pink, red 'California Giants.' Reliable bloomers.

June Ahrens's sources:

Seed catalogues: Free, from Burpee Seed Co., Warminster PA 18974; Geo. W. Park Seed Co., P.O. Box 31, Greenwood SC 29647.

Ladybugs: For further information, send a self-addressed, stamped envelope to Bio-Control Co., 10258 Ladybird Dr. Auburn CA 95603.

Alsike clover: Check agricultural suppliers, like Agway. ■

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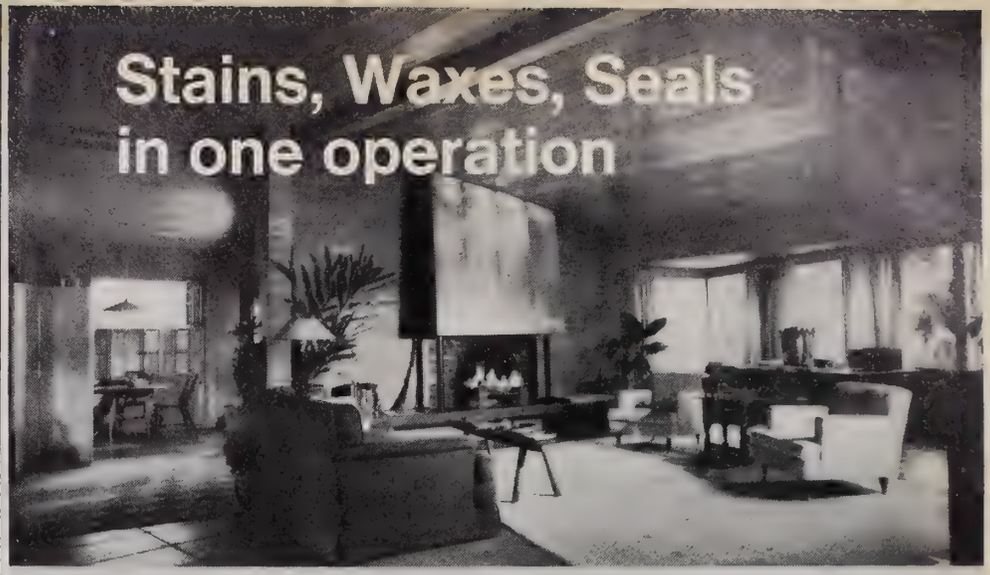

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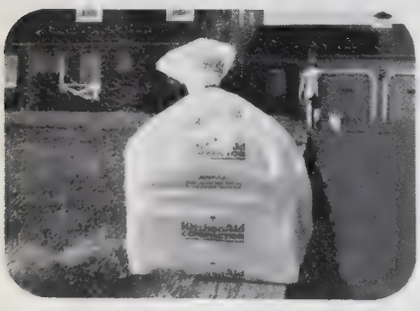

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HOUSE & GARDEN

VOL. 152. No. 4

Incorporating LIVING for young homemakers

On our cover, p. 12

Flowers alive! p. 132

American crafts, p. 146

Fix-it-up workbook, p. 167

Spring-fresh food, p. 177

DECORATING, ARCHITECTURE, BUILDING

56 House craft. By Deanne Raffel
97 Brighten the corner where you are. By Frances Phillips
100 Dear House & Garden. By Margaret Morse
132 Bring on the flowers
138 Minimum makeover, maximum style
144 Spring colors soften an apartment's hard edges
152 Savings plus style in a ready-made house
158 Back to the earth
167 Super do-it-yourself workbook

ANTIQUES

24 Questions & answers: Antiques. By Louise Ade Boger

CREATIVE CRAFTS

146 Stalking the great American craft

FEATURES

16 Living. Edited by Paula Rice Jackson
28 How to buy a used piano. By Anthony Liversidge
38 Money: Guess what? Diamonds *are* a girl's best friend! By Paul Gross
62 Energy update: Shrinking your fuel bills while growing your food. By Jane Wholey
72 You and your car: How to thief-proof your car By Richard and Jean Taylor
131 Twenty things that you can do to get the feel of springtime
204 The kitchen page
212 Living with pets: When your pet goes visiting. By Patricia Curtis
214 The inside story

WINE & FOOD

176 Meal in minutes
179 The beauties of spring
180 Working woman's wonder—meals with beauty, ease, and taste (recipes, page 89)
182 Give your meals a beauty treatment (recipes, page 112)
183 Spring make-it-a-meal salads
184 Good spirits: Discovering the tastes of brandy By Henry McNulty

GARDENING AND HOUSEPLANTS

48 Plants around the house: Fruits that grow indoors By Richard Langer
127 Ingenious ideas: Improving your landscape
132 Bring on the flowers
162 Gardening in containers. Grow-anywhere gardens in baskets, barrels, boxes, and pots
254 Garden page: Hanging salad gardens
256 Gardener's notes. By James Fanning
257 Growing vegetables in containers. By Louise Riotte

BEAUTY AND HEALTH

32 Looking good, feeling fit: The proper soap and water—how to find your skin's best friends. By Paula Rice Jackson
78 Your family's health: The squash syndrome By Alexandra Semmes Lowe

TRAVEL

118 Going places, finding things. Edited by Nancy Richardson Garden excursion in Britain. By Elizabeth Browning Barlow; Hotel diary: The Tides Inn. By Margaret Morse; News

READER'S SERVICE

198 Shopping information
210 Building facts for energy house
216 Shopping around with Audrey Nichols
258 Best in booklets

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APRIL 1980

HOUSE & GARDEN

MARINA SCHI

On the cover: Everybody seems to b gardening in containers today. A case i point is the backyard terrace of Mr. an Mrs. Robert A. Hack. With the help some of their six children, Mr. Hack lai the basket-weave brick pattern, and h wife decorates it with flowers. She buy seedling annuals in flats from a loca nursery, pots them up, and groups ther at terrace corners and along the oute edge to double as a balustrade. Opening at the sides and center permit access t the glassed-in living room where th family can enjoy the view on rainy day A screen of hemlocks, fishpole bamboo and low green borders of hosta and iv create a cool backdrop for summer co or. With an artist's eye for height, tex ture, and hue, Renée Hack mingles re geraniums, pink dianthus and snapdrag ons, lavender ageratum, magenta t mauve verbenas, purple pansies, blue l belia, yellow snapdragons and mar golds—and petunias in all of thes shades plus white. Mrs. Hack makes ar sells miniatures for dollhouses (glas china, and accessories), and she apprec ates the advantages of small-space ga dening. Her favorite among the annua is the verbena—"all those tiny flowe within each cluster, and they go on t November. In a confined space, you g to know every bloom—you can almo see the daily growth." Daily watering hot days is essential on this south-faci terrace. "But if I were a weekend ga dener," she says, "I'd save on the wate ing by growing flowers in shade or l double-potting: Put one pot inside a other and pack pebbles or wet sphagnu moss between them to prevent evapor tion. I'd feed just the same, with wate soluble 15-30-15 once a week." Th green garden surrounding the Hack house and terrace was designed by Leo ore Baronio of Rye, N.Y. The furnitu is lightweight aluminum with plast webbing, serenely weatherproof. Mo on container gardening, pages 162-16 254, and 257.

Classics, forever young. Michelangelo spoon in stainless. Paul Revere bowl in silverplate.
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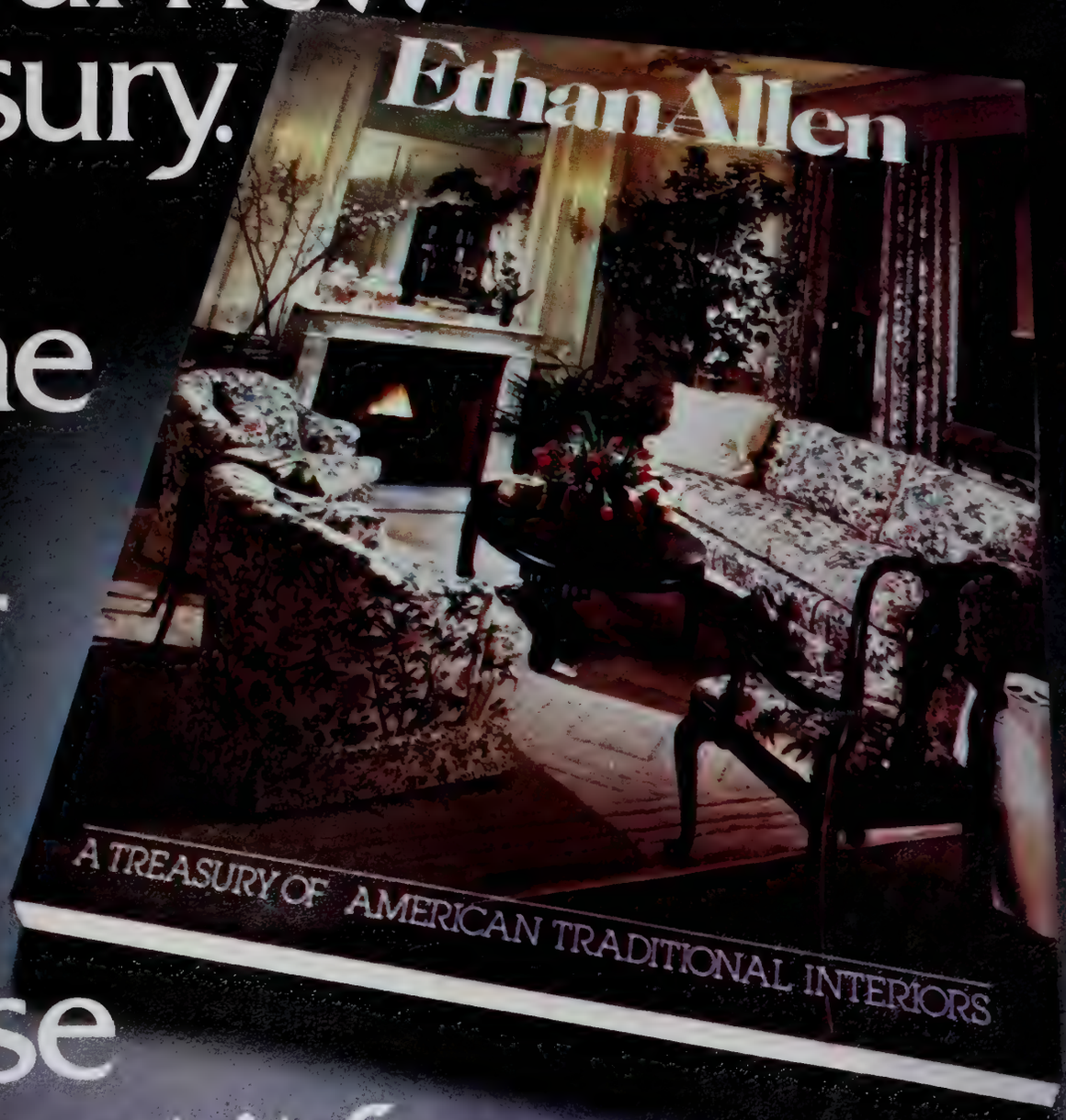

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LIVING

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With large-scale manufacture of handcrafts, everyone becomes a collector

John Loring, vice president and Editor of Design at Tiffany; *left*, handthrown plate for Tiffany by Van Day Truex.

When Tiffany & Company puts two handthrown plates in its Fifth Avenue windows, you know something's happening! And what's happening are modern antiques. What is a modern antique? According to Gordon Foster, the New York antique dealer who coined the term, it is an object made today that works with, enhances, and celebrates the craftsmanship of traditional pieces of yesterday. Galleries, museums, and stores across the country are displaying these new, handmade things such as the beautiful pieces you see beginning on page 146. And the handcraft movement is growing. It is reaching a new maturity. Sixties funk is out. Elegance, refinement, restraint are in.

Flacon by Leon Applebaum, plates by potter Ron Dier

The thrill of collecting today's handmade objects is catching on because prices are now within most people's budgets, and because craftsmen are willing to make more pieces. One area of particular change is glass. "There is a great surge of individual expression in glass today," says Douglas Heller, director of Contemporary Art Glass in New York. "Almost no one is blowing glass that looks like anything that has gone before. Anonymity is out. And the public is responding to the personal vision of craftsmen." You could say that for all the handworked arts.

What to look for

"We look for great craftmanship," says John Loring, design editor and vice-president of Tiffany. "We look first of all for artistry—where is the vision that created the piece? Then we look for the way it has solved problems of functional design—what will this piece do and how? Then we look for competency—is the piece well made? If you're thinking about buying something handmade to use, and this is important because using something is half the beauty, look for these same attributes. You can have magnificent works of art that are complete failures of craft—this kind of creative effort imbued much that was produced in the '60s. We're beyond that now. We demand more of a handmade piece."

American style

Lee Bailey of Bailey-Huebner is another man who works closely with craftsmen to produce unique, useful objects for his store at Henri Bendel in New York. "For once, the economics of buying handmade objects is on our side. For years, American craftsmen have had to compete with imported handmade items that could be sold at prices far lower than the prices of things made here. And I think American craftsmen over-designed to make their pieces appear worth their higher cost. As inflation in Europe began to continually drive prices up, our prices here remained relatively stable. Which is why you can now buy superbly designed American objects at comparable prices. For probably the first time in years the marketplace serves as a refiner and as a reward to our own artist/craftsmen."

Tips from an expert

"Handmade no longer means homemade," says Mr. Foster, whose shop is called Gordon Foster Antiques. "The craftsmen we represent are expert technicians. I put their bowls, plates, and containers right next to the precious antiques.

Buy what appeals to your eye only after you've taken time to train it. If you're interested in ceramics, study Oriental antiques. For rugs, look at what's been produced in the Middle East. Study qualities that survive.

Don't restrict yourself to buying pieces made by well-known artists. Now is the time to discover fresh, new talent.

Buy only what you intend to use and keep. Our throw-away culture is ending; we will be collecting objects that we value for their function and their timelessness.

Save your money for what you really want. Your tastes can change quickly as you learn to recognize better quality. Wait until you know more. You'll buy with greater pleasure."

PAULA RICE JACKSON

GIOVANNI OTTAVIANI

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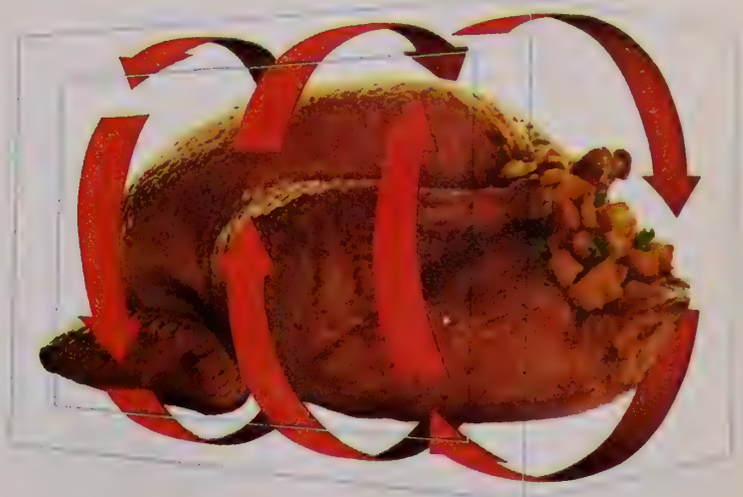

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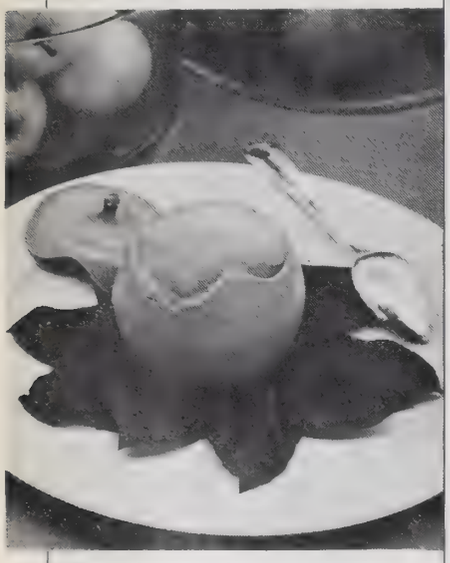
LIVING

For looking and cooking

Lee Bailey of Bailey-Huebner in New York City has developed with potter Barbara Eigen a collection of ovenproof ceramic containers shaped like fruits and vegetables to cook and serve in. Enter Christopher Idone, one of the country's busiest cooks and caterers and part owner of Glorious Food. He has written and collected recipes to complement the containers so you know just what to cook and serve in what. This apple is filled with a luscious apple sorbet you can serve as a refreshing dessert or to "clear the palate" during a dinner that's particularly flavorful (see recipe below). The fourth ingredient to our story is that Mr. Bailey also has the new Italian freezing unit that lets you make superb sorbet and ice cream in just 20 minutes. It's all available by mail. Apple, $20; recipes, $5; freezing unit, $695; plus shipping. Bailey-Huebner at Henri Bendel, 10 West 57th St., New York, N.Y. 10019.



Apple sorbet

Peel and quarter 1¼ pounds apples. Sprinkle with juice of 1 lemon. Cover with sugar water (about 1-1½ cups), cook until soft (about 5 minutes), add sugar to taste. Stir in 1 ounce Calvados, chill. Mash apples. Add apple mixture to ice-cream freezer, following freezer directions. After 10 minutes, add 1 tablespoon egg white (whipped stiff and frozen) and finish freezing.

EVENTS What's showing and where

Field Museum of Natural History: "Gold of El Dorado: The Heritage of Colombia," April 25-July 6. Gold artifacts, pottery. Chicago, Ill.

The Metropolitan Museum of Art: "The Great Bronze Age of China: An exhibition from the People's Republic of China," April 12-July 9. Significant bronzes and jades from 1500 B.C.-210 B.C. New York, N.Y.

The Detroit Institute of the Arts: "Prints in the Cliche-Verre, 1839-present," April 24-June 1. Exhibit marks the opening of new Graphics Arts galleries. Detroit, Mich.

Cleveland Museum of Art: "The May Show," April 16-May 18. The 61st annual juried exhibition of Ohio's artists and craftsmen. Cleveland, Ohio.

Jordan Volpe Gallery: "Ode to Nature: The Flowers and Landscapes of the Rookwood Pottery, 1880-1940." April 15-June 30. New York, N.Y.

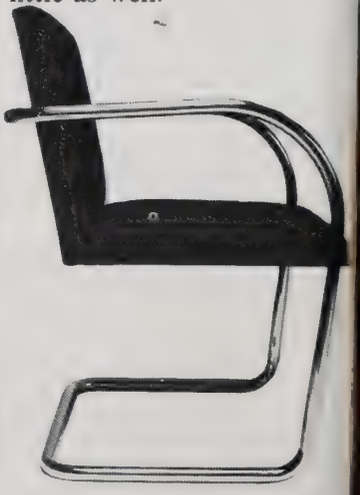
Finishing touches

Isabel O'Neil, who taught her students how to marbelize a wall (page 169), is also an expert on all kinds of finishing touches. This summer, she's offering an accelerated course on basic technique and leafing and gilding, from June 16-27. Mrs. O'Neil, author of *The Art of the Painted Finish,* works with five teaching assistants and no more than 15 students per class. $625. To enroll, write Isabel O'Neil, 177 East 87th St., New York, N.Y. 10021.

Bentwood to bean bags

A serious history of modern furniture is really more than a tale of changing taste and styles—it presents a broader vision of how we live and how we got here. Karl Mang, architect and president of the Austrian Institute of Design, takes on this challenge in *History of Modern Furniture,* recently published in English by Harry Abrams ($25).

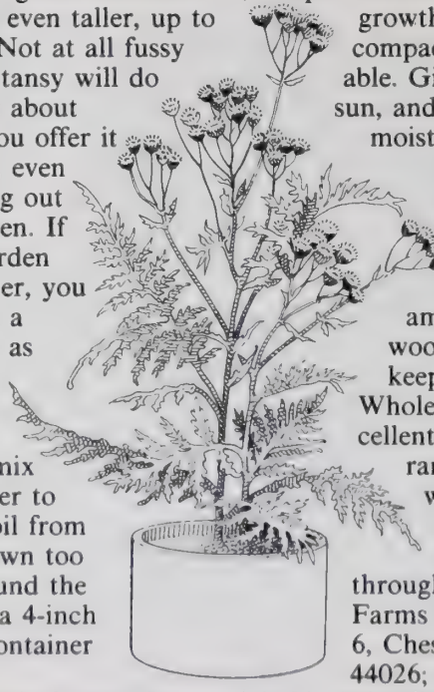
In a well-organized manner, the illustrated book is an essay on social history that can also work as a standard reference for students of the evolution of furniture. He describes the circumstances surrounding the creation of furniture classics and moves through to the more recent past of Danish teak and Italian plastic. He also explains the design consequences of mass production and machine tooling, and demonstrates th staying-power of a material such as wicker. Reading Mang, we learn how much has changed over three generations, and yet how little as well.



Everlasting tansy

Traditionally planted by New England colonists near the kitchen door for easy reach, and to keep flies and ants away from the entrance, tansy is the kind of herb that you can move all the way into the kitchen in a pot.

The plant needs room, as this feathery-leaved, bushy grower reaches up to two feet, or more with all-day sun. (When grown outdoors it stretches even taller, up to four feet.) Not at all fussy about soil, tansy will do well in just about anything you offer it for footing, even soil just dug out of the garden. If you use garden soil, however, you should add a third again as much vermiculite or sphagnum moss and mix well in order to keep the soil from packing down too tightly around the roots. Use a 4-inch or larger container for tansy.



The botanical name for tansy, Tanacetum, is from the Greek *athanasia,* meaning immortality. Whose immortality is not specified—that of the plant, which is indeed a long-lasting variety, or of those who partake of it (it can be poison). Perhaps it is for th yellow buttonlike flowers that dry like everlastings fo bouquets or wreaths.

Of the two varieties *T. vulgare* and *T. crispum,* the crispum is better for indoor growth, as it is mor compact and manag able. Give it plenty sun, and keep the soi moist. Cut leaves frequently t keep the pla lush. Dry bunches of them to lay among your woolens to help keep moths awa Whole stems are e cellent in dried ar rangements an wreaths come fall. Tansy i available through Sunnybroo Farms Nursery, Bo 6, Chesterland, Ohi 44026; their catalo is $1, deductible from the first order.

RICHARD LANG

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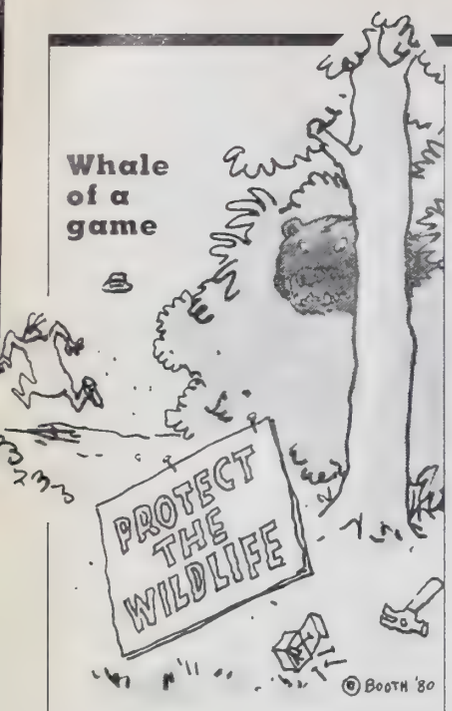
For more details about "the Diana" and matching fixtures, contact Crane Co., Plumbing Division, 300 Park Avenue, New York, NY 10022

LIVING

Whale of a game



Families interested in wildlife will have fun playing "Save the Whales," a detailed board game in which players cooperate to protect the gentle giants of the sea from such threats as oil spills, hunting ships. The game will entertain and educate adults as well as kids from eight years old up. Defenders of Wildlife, which offers "Save the Whales" ($26), has also produced authentic and handsome full-color reversible posters of wolves, grizzlies, otters, bobcats, and other American wild animals (31 by 21 inches, $5 each), and two fuzzy hand puppets, a raccoon and bear ($6.95 each). This worthy nonprofit organization publishes an informative bimonthly magazine, *Defenders*. "We work to increase public awareness and appreciation of our nation's wildlife," says executive vice president John W. Grandy. "Proceeds from these sales further our programs for action and legal efforts necessary to protect and preserve America's remaining wild animals. Recently our organization has been lobbying for a law to protect nongame wildlife from habitat destruction. This law would cover songbirds such as robins, thrushes, bluebirds, and mockingbirds, and also some of our most beautiful wildflowers." Defenders of Wildlife, 1244 19th St. N.W., Washington, D.C. 20036.

PATRICIA CURTIS

A flash course

Camera buffs will appreciate a new book idea by former Life photographer Yale Joel. It's "Creative Camera Techniques," a how-to series of flash cards for photographers. Inside each book are two sets of 20 5-by-8-inch cards with photographs in both color and black-and-white. On the reverse side is a complete description of the photograph—from shutter speed to camera angle. There are 20 categories, available by mail from Random House Enterprises, 61 Jericho Turnpike, Jericho, N.Y. 11753; $4 per book.

A shady project

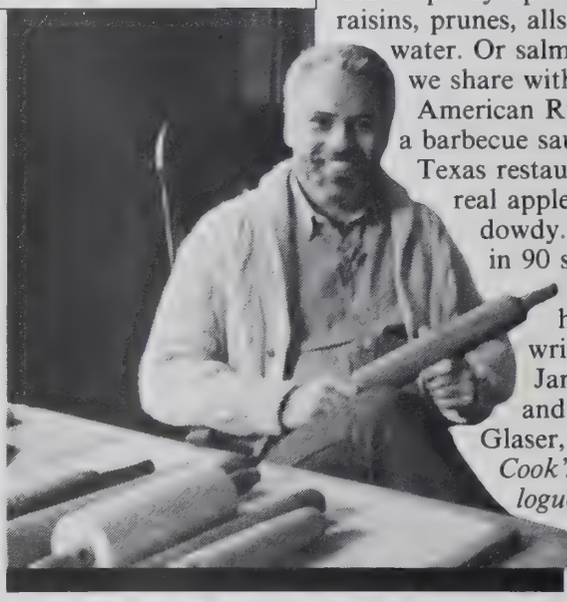
What can you do for window gardens that may be getting too much sun? Consider the Japanese shoji screen, which can be made easily with some strips of wood, and rice paper, organdy, or buckram. Here's how:

Use thin strips of wood, ½ inch by ¼ inch, for the frame. You'll need enough material to make one frame for the front and back of each screen. Cut the wood to the length you'll need. Sandpaper the edges, and glue the pieces together to make two separate frames. Paint them flat black, or the color you'll need, and let dry.

Spread the material you're going to use for the screen (rice paper, organdy, or buckram) smoothly on a flat surface and thumbtack it in place. Next, run a light line of glue along the inside edges of one frame, place the frame down on the material. Press firmly and evenly, then remove thumbtacks, lift, and turn it over. Glue the second frame on top of the first, making a "sandwich" of the material. Let the glue dry and trim the edges.

Shoji screens can be made to fit windows of all sizes. Hang the screen with invisible nylon cord, or simply fit it snugly into the window frame so you can remove it easily when it's not needed. Cloth frames can be gently washed and rinsed when needed. On bright days, African violets, begonias, and other sun-shy plants will love their sunscreen!

HELEN G. YOUNG



Flapjacks, fritters, and American know-how

Some people describe him as "the Charles Kuralt of American cooking." In a way, he is. Cook and author Burt Wolf has a wonderful 90-second spot TV program that specializes in detailing the glories of regional cooking. The show is on five days a week, and when he's not filming in his studio-kitchen in Tampa, Fla., he's running around the country finding amusing stories about cooking and the lore of creative substitution. Like the fabulous 1850s recipe from Seattle developed by the loggers who founded the city—a substitute for sugar and maple syrup made with raisins, prunes, allspice, and water. Or salmon recipes we share with the American Russians, or a barbecue sauce from a Texas restaurant, or real apple-pan dowdy. All this in 90 seconds! Look for his book, written with James Beard and Milton Glaser, *The Cook's Catalogue* (Harper & Row, $19.95).

On the wild side

Have you ever considered making cattail biscuits, candied violets, or a strawberry facial mask? The recipes are all included in a new book, "Gather Ye Wild Things: A Forager's Year," by Susan Tyler Hitchcock. There are 52 essays—one for every week of each season—about herbs and spices that can be found in backwoods and fields in various parts of the country. In each of the essays you'll discover a bit of history, folklore, unusual facts, or recipes that provide delightful reading. They are complemented by line drawings by G. B. McIntosh. $9.95; published by Harper & Row.

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ANTIQUES QUESTIONS & ANSWERS

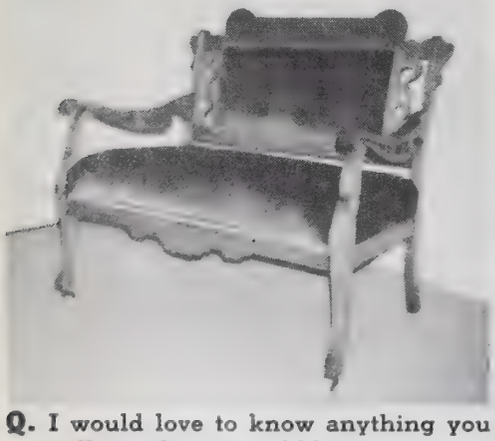
BY LOUISE ADE BOGER

Wedgwood vase

Q. My vase has Wedgwood BTS or RTS M on it. Can you tell me when it was made and anything about its background? S.S. —Stockton, Calif.

A. Your pitcher or jug in the shape of the famous Portland vase was manufactured by Wedgwood in either 1864 or 1890. It is probably an item of jasperdip, i.e. the blue coloring being a surface coloring only, as opposed to the solid blue jasper produced today. Occasionally such pitchers had pewter lids. Your vase was derived from the so-called Portland or Barberini vase. The original, an example of Greco-Roman work in glass, is the sepulchral urn which contained the ashes of the Roman emperor Alexander Severus and his mother Mammaea. It was buried about 234 A.D. and dug up by order of the Barberini pope Urban VIII between 1623–1644. Bought by Sir William Hamilton in 1782 and then sold to the Duchess of Portland in 1785, it was lent to Josiah Wedgwood after her death so that he might reproduce the vase.

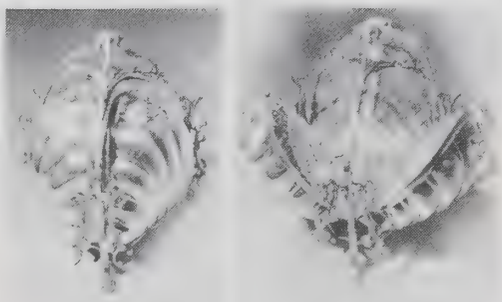
American settee



Q. I would love to know anything you can tell me about our old loveseat. V.M.—Shelby, N.C.

A. Your settee belongs to a class of five- or six-piece upholstered parlor suite with open arms (the sides under the arms are not upholstered), widely popular in the U.S. about 1900. Its form is a mixture of features freely derived from classical and rococo furniture styles. The 1895 Montgomery & Ward catalogue, No. 57, illustrates several examples. The majority of frames are made in oak, natural birch, or imitation mahogany, and are upholstered mainly in brocatelle, tapestry, or plush. A parlor suite ranged from about $20 to $50, and its pieces are described: sofa, armchair, rocker (all with open arms), and parlor chairs (side chairs without arms). Occasionally a divan is included, either with or without arms.

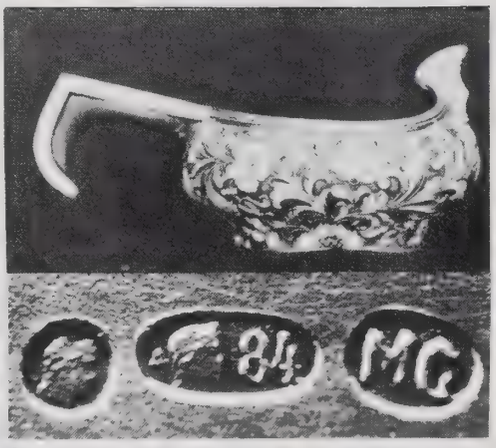
Sheffield biscuit box



Q. Can you tell me what this silver dish was used for and something of its origin? It has initials EPNS on it. H.G.—Gladwin, Mich.

A. You have an elaborate example of a folding biscuit box, which was first made in Sheffield plate in 18th-century England. In the next century, it became a fashionable piece of English Victorian electroplated silverware. Your biscuit box is of this era and this kind of metal.

Russian kovsh



Q. I would like to know anything you can tell me about this Russian piece. C.P.—Kindersley, Saskatchewan

A. Your hand-wrought shaded enamel on gilded silver Russian kovsh is probably of 19th-century Moscow manufacture. The 84 in the mark is the purity standard—84 parts per 100 are pure silver. The kovsh—a Russian vessel for ladling drinks—generally has a boat-shaped body and a spatulate handle.

Continued on page 26

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For the name and location of the Century furniture dealer nearest you, check this listing.

California
Capwell's *Oakland*
Country Manor Interiors *Redwood City*
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Englander-Triangle *Ferndale*
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Reno Furniture Company *Reno*

New Mexico
American Furniture Company *Albuquerque*
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New York
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North Dakota
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Furniture House, Inc. *Newark*
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Town & Country Furniture *Miamisburg*

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Cousin's Furnitureland *Tulsa*
Heenan's Home Furnishings *Oklahoma City*
Henry's Home Furnishings, Inc. *Seminole*
Housley Brothers *Oklahoma City*
Mills-Thompson Furniture Galleries *Oklahoma City*
Stephenson Interior Designs *Ponca City, Stillwater*

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Penn Furniture *Scranton*
Plastino and Owens, Inc. *Lancaster*
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Strawbridge & Clothier *Philadelphia*

Rhode Island
The Sofa Shoppe *Cranston*

South Dakota
Baer's House of Quality *Sioux Falls*

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Alyson-Jon Interiors *Houston*
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A fabric for reflection.

ook closely at the fabric on the sofa, loveseat, and banquette. A Century exclusive, we had it created for its ability
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ore reason why people look at Century furniture again and again. Shown above: Traditional Reflections; below:
ontemporary Reflections. For a copy of our Century booklet call this number toll free: 1-800-438-5775.

CENTURY

FURNITURE OF DISTINCTION

ANTIQUES

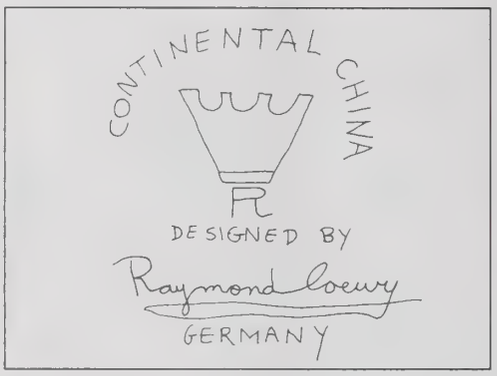
continued from page 24

Staffordshire plate

Q. Here are photographs of my plate and its mark. What can you tell me about its manufacture and what the picture represents?
C. McK.—Parsons, Kans.

A. Your platter dates about the 1820s. "Martoreile" is probably a variant for the Spanish town Martorell in the Barcelona province. It is on the Llobrégat River, and south of the town is the restored Roman bridge. The fruit and flower border on your dark blue and white Staffordshire oval platter is by an unknown maker.

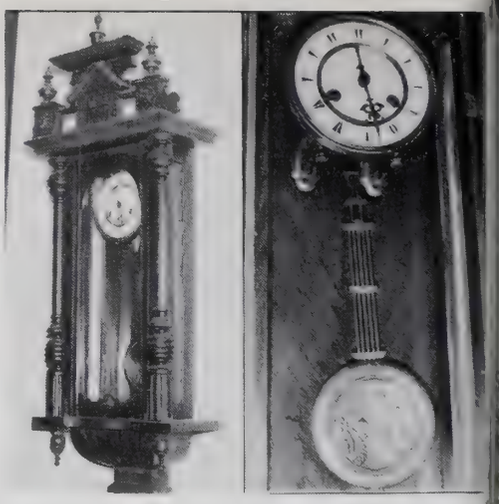
Industrial designer



Q. My plates have the mark on them that I've drawn. Can you tell me anything about Raymond Loewy?
R.W.C.—Milwaukee, Wis.

A. Since the early 1930s, the name Raymond Loewy (b. 1893) has been synonymous with industrial design in America. He has designed automobiles, refrigerators, and packaging. He was one of the designers hired after the Second World War by Rosenthal, the German porcelain manufacturer, to initiate its Studio line, which combined functional perfection with aesthetic merit.

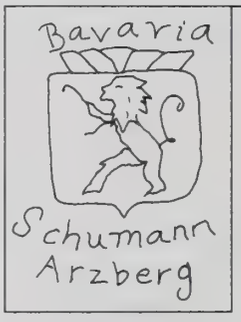
European wall clock



Q. Have you any information about the style and place of manufacture of my clock? P.N.T.—Washington, D.C

A. Your wall clock is in the Revived Renaissance style and is of continental European, perhaps German or Swiss manufacture, dating about the 1870s. Arabic or Roman numerals were used interchangeably on European timepieces.

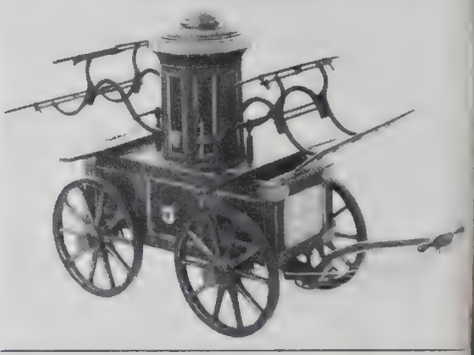
Bavarian mark



Q. From the mark I've drawn, can you tell me when and where my dish was made? A.P —Westwood, N.J

A. The still-existing Schumann Porcelain Manufactory was started by Carl Schumann at Arzberg, Bavaria, in 1881. Your dish probably dates around the end of the 19th century.

Antiques show



This model of a fire engine built in 18[illegible] by the Eicholtz Bros., gunsmiths of Lancaster, Pa., will be part of the loan exhibit, "Battle of the Blaze," at the 19th annual University Hospital Antique Show in Philadelphia. There will be fire equipment ranging from handpainted leather buckets to full-sized fire engines and prints, paintings, silver pieces. The show will be at the 103rd Engineers Armory, Lancaster Ave. at 33rd St., Philadelphia, Pa. 19104, April 15 through 1

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BY ANTHONY LIVERSIDGE

How to buy a used piano

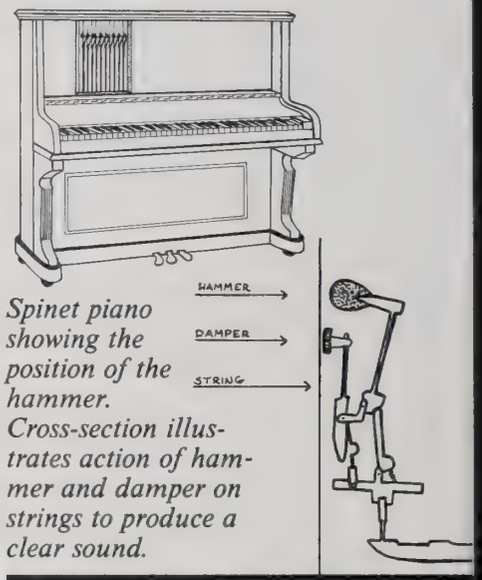
Armed with some expertise, you can choose an instrument that will give your family fine music

If you love them, pianos seem to smile at the joys that lie in store for their owners. New ones, especially, have gleaming white grins. But to have a new piano at your fingertips is a delight overpriced nowadays for all but the serious devotee. Piano showrooms have cash registers that ring in the high, high treble. A good Steinway grand is over $10,000, and the most luxurious—the Bosendorfer Imperial grand, owned by Avery Fisher and Frank Sinatra—is $55,000. Even a quality console, the smallest size musically worthwhile, is over $1,500.

But the piano is a durable machine, despite its thousands of delicate parts. If older pianos have been well treated, they are often still young at heart. Big old uprights, in particular, can have a magnificent tone. If their mechanism is sound, they can make true a modest dream of playing for yourself and friends at a fraction of the cost of a new instrument—which may not sound as good.

Used pianos must, however, be chosen carefully. A polished case can hide serious defects not always admitted by—or even known to—the seller. Some can be detected only by the trained eye. Even so, simple basics and a few tips can guide you to an initial choice, to be confirmed by an expert. Here is what to look for.

Size and shape. First decide which model you want. *Grands* (horizontal) are biggest and best. They range from baby grand (around 5½ feet or shorter) to concert grand (8 to 9 feet, or even longer). But even semi-grand (7½ feet) is too large for most living rooms. Professionals buy one around 6 feet. Anythir much shorter is weaker than a full u right in tone. Large grands have a mo finely responsive touch than upright and the longer strings and bigger soun board (under the strings) mean a riche fuller tone.



Spinet piano showing the position of the hammer. Cross-section illustrates action of hammer and damper on strings to produce a clear sound.

Full uprights (51 inches or more tal equal or surpass the smallest grands i fullness of tone. Though full uprights a no longer made in the U.S., models da ing from 1900 to 1930 abound. Ofte splendid in style—dignified and o nate—they can be picked up for a fe hundred dollars. If mechanically soun they are the best bargain of all.

Consoles or *studio uprights* (39 inch up) are more modest in size and tone.

Spinets are the smallest uprights, belo 39 inches in height. Of limited music value even when new, their short strin yield a thinner tone. Plus, the low profi looks neat but involves a type of worl (the "drop" action) which gives less e act finger control and makes tuning ar repairs difficult and expensive.

Where to look. It's better to buy fro a private owner, who's not in business make a profit, or a reputable dealer old pianos. New piano dealers may ove price old instruments to encourage yo to buy a new one. Beware of castof from schools and churches. Institutio often buy in quantity from the lowe bidder, overuse the pianos, neglect the upkeep, and sell them when they are o their last legs. Best of all sources is a p ano rebuilder with a fully-equippe workshop capable of replacing majo parts. Some entirely renovate grands an the good-as-new product, though expe

Continued on page 3

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White rums may be what you learn on. But Myers's dark rum will advance your education. It will teach you just how good tasting rum can be. Because with Myers's Rum you get a smoother, softer taste that comes from master-blending.

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Before the first wash, an automatic power Pre-Rinse scrubs loose food soil from the dishes using the cool water that has been standing in the water line. Detergent, stored in a covered compartment, is then released for the first wash, which assures the hottest possible wash for thorough cleaning... and eliminates hand rinsing.

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3 LEVEL WASH

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White-Westinghouse packs sound-deadening insulation around the motor compartment, on the tub walls — even in the door—so your dishwasher whispers while it works.

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USED PIANOS

continued from page 28

sive, is still a bargain. Nowadays, though, these firms rarely rebuild uprights.

The name. Steinway, Bosendorfer, Bechstein, Bluthner, Baldwin, Yamaha, and Kawai now lead the field in new grands and Kawai makes the best uprights, technicians say. The best names in old pianos include the first five of these and Mason Hamlin, Chickering, Knabe, and Weber. But in old pianos, names count less. A top piano treated shabbily is worth less than a lesser-known name in top condition. Also, many brands now second rate were once in the first rank.

The action. The inside of a piano is a mystery even to most piano teachers. It looks complex, but only because each of the 88 keys needs its own mechanism. This array of wood, wire, felt, and tape is the action, which transforms the finger's touch into a hammer blow on the strings. The most delicate part of the piano, it is, even so, readily repaired or adjusted by a technician. Test every key, rapidly repeating the note with the *right* pedal down. This takes off the weight of the dampers (parts which quiet a string when the key is released), and makes sluggish keys more noticeable. Touch should be even throughout the keyboard, allowing very *soft* playing with full control. Insist on this. Only experts can make a poor action sound well, and students should *only* learn on a smooth keyboard. If touch is too light, it means the action needs regulating, not that the keys should be weighted.

Hammers. Old hammers grow hard, giving a brittle tone as the strings cut grooves in the felt. Expert voicing—pricking the felt with needles and sanding them flat—can restore a mellow tone if not too old. Is there enough felt left to do this?

Strings. The hammers strike the strings of what is, in effect, a large harp. The strings are steel wire thickly wrapped around with copper in the bass, with three plain wires in the mid-range and in the treble. Are any missing? If rusty, they'll break soon in tuning. Tubby-sounding strings in the bass are on their way to going dead and must also be replaced.

Pinblock. The strings run from hitch-pins at the bottom (or far) end to tuning pins at the top (or near) end, which are set into a "pinblock" of layered hardwood. The job of the pinblock is to hold the tuning pins tightly, so that when the tuner turns a pin, it holds the tension of the string without unwinding. Aging loosens pins, but they can sometimes be replaced with larger ones, until space runs out. Check the pins for size, and for rust, which signals poor upkeep. Try to make sure the pinblock is not cracked—

Continued on page 54

BUILD A BELLISSIMO SALAD BAR WITH KRAFT'S ITALIAN TRIO.

The Italians have a word for beautiful—bellissimo! And that's what your salads become with KRAFT's Italian dressings.

And there's a bellissimo salad bar of choices. Pour on KRAFT Zesty Italian, robust with spices; thick, rich and smooth KRAFT Creamy Italian; or Golden Blend Italian, a traditional Italian that's pre-shook for salad smoothness that clings to every bite.

You and the KRAFT Italian trio: bound to make bellissimo salads together.

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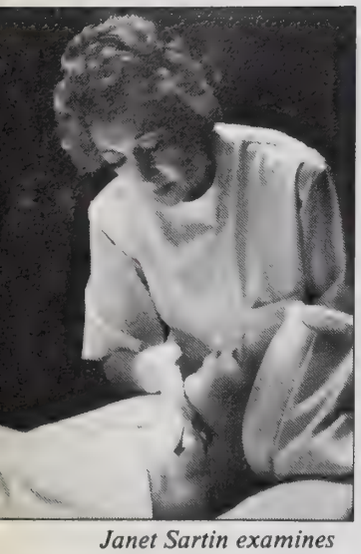
BY PAULA RICE JACKSON

The proper soap and water: How to find your skin's best friends

Janet Sartin, noted skin expert, tells how you can get the best results in little time with easy cleansing techniques that make skin glow



Janet Sartin examines each client herself before treatment starts.

"Good looks start with immaculate skin," says Janet Sartin, author and skin care specialist for more than 30 years. "Not even the most deft makeup artistry can hide or compensate for lifeless skin." Immaculate skin that glows, that looks luminous, is Miss Sartin's goal, and she offers step-by-step procedures in her book, *Janet Sartin on Beautiful Skin*, published this winter by Doubleday. Miss Sartin worked for nine years with Dr. Erno Laszlo, a European skin care expert whose approach to cleansing, protecting, and energizing skin was innovative in the 1930s. She began her own skin treatment clinic in 1946, and she designed the formulas she uses today in her salons in New York and in the treatment services in the three Marshall Field stores in and near Chicago. There are two beauty principles she frankly disagrees with and that she feels obscure women's understanding of how their skin works. The first has to do with skin typing and the second has to do with soap and water cleansing. "I don't believe in categorizing a woman's skin as normal, or oily, or dry. Determining your skin type is not as simple as a-b-c. I developed my own system of pinpointing individual skin types and I call it a *Skin Scale*. The scale tips to one side or the other, toward dry skin or toward oily, but no one skin is either simply dry or simply oily. Most soaps won't harm a balanced skin, but they don't help skin that needs benefits from every product you use. By using cleansing preparations designed for *your* skin—and that means determining and finding the *right* soap—you can look more natural and healthier than the woman who claims she uses just water and any bar of soap."

Miss Sartin is as adamant about not doing the wrong things for your skin as she is about doing the right ones. Starting to care about your skin at an early age is important because "it is easier to maintain a youthful appearance than it is to recapture one. But it is never too late. No skin problem is ever hopeless, no matter how severe. Skin responds fantastically to proper care and attention, at any age."

The most important benefits from skin care can be achieved through a constructive program, one that has cumulative, long-range results. Janet Sartin's program consists of what she calls the "3 Cs": cleaning, correction, and consistency. She feels that every skin has its own personality and that your skin care program must reflect that. She believes proper cleansing is paramount, and soap and water are the best combination provided you use a soap specifically chosen for your skin. Normalizing skin is her ultimate goal—this is what correction means. Dry skin is enriched; oily skin, normalized; sensitive skin, soothed. She also points out how important consistency is in the approach you use. "It's tempting to be careless," she warns. "Haven't we all felt too tired to do what we're supposed to do? Too tired to brush our teeth or to remove our makeup? It's so easy to say to yourself that you'll make up for it tomorrow, but by tomorrow you'll have fallen behind. If you adhere to your routine every day you will get results which are well worth striving for. You can accomplish your goals through your own efforts and the proper tools. Depending on your particular skin, your program will consist of a routine you do two or three times a day, a routine you, with practice, pare down to about 5 or 10 minutes each time."

How do you find out what your skin type is? Try Janet Sartin's simple test: With a mirror in your hand and all your makeup removed, find the sunniest spot in your house; natural light is the most honest. Assess your face. Look at your forehead. Let your eyes travel down the length of your nose to your chin. Turn to each cheek and then focus straight into the mirror for an overall view. Ask yourself these questions: Is your skin dull looking? Is it average but nothing outstanding? How is its elasticity? A beautiful, healthy skin is one that's in balance with itself. It is a skin that secretes just the right amount of oils (which are fatty acids). You may know that the pH factor measures the concentration of both the skin's natural fatty

Always be gentle to your skin. Dry it with a soft, clean towel.

acids and the natural salts or alkaline which reach your skin's surface. Alkalines have a drying effect on the skin s the balance between fatty acids and alkalines is important. If your skin secrete an excess amount of fatty acids, Mis Sartin calls it a *Plus Skin*. Because dr skin merely secretes an insufficien amount of fatty acids she calls it a *Minu Skin*. Remember that the goal, accord ing to Miss Sartin, is to normalize. In word—*balance*. The Skin Scale mea

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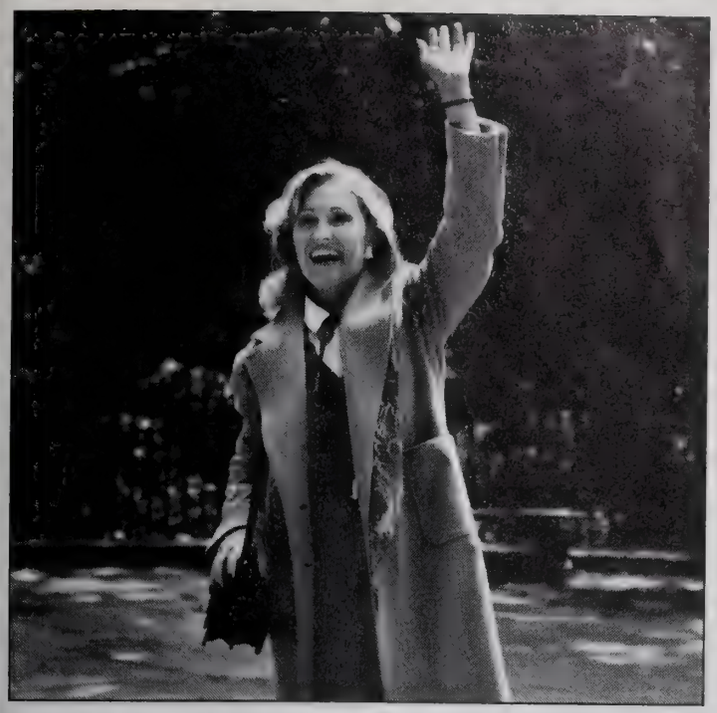

Do you look younger from a distance than you look up close?

● ***Remember the last time you ran into someone you hadn't seen in years? She recognized you instantly, as if you hadn't aged at all. But it was from across the street that she first saw you. And as she got closer, didn't you wonder if your youthful appearance would hold up, up close?***

Looking younger is easy from a distance. Unfortunately, you don't spend your life so far away. That's why many women around the world have discovered the secret of a mysterious beauty fluid that helps them look younger, even up close. Here in the United States, that secret is known as Oil of Olay.®

Once you try Oil of Olay, you'll find that it's quite different from anything you've tried before. Oil of Olay is a remarkable blend of precious tropical oil and emollients that works mysteriously to help your skin hold on to its youthful look. In fact, Oil of Olay is like the natural fluids and oils so abundant in younger skin. Perhaps that's why your skin responds so beautifully, so quickly.

Oil of Olay starts penetrating the moment it touches your skin. So it works quickly to soften dryness and ease little laugh lines. And that's only the beginning of your new, younger look. Because Oil of Olay also hydrates the surface layers of your skin, it provides a young and dewy climate for your skin to live in all year round. So not only will it help you look younger now, but it will continue to help you look younger for as long as you cherish this precious beauty secret.

Will you notice the difference right away? Yes. Immediately your skin feels softer. And almost as quickly, it looks more radiant. That's when you know you look your youngest, even up close.

Oil of Olay is surprisingly greaseless, too. So you'll want to use it all day. Many women use it before applying their makeup, because Oil of Olay helps the application go smoothly and the finish stay fresh looking. And some women use Oil of Olay all alone, because it gives their skin a soft, lustrous glow.

Once you discover the secret of Oil of Olay, you too can look as young up close as you do from a distance. And up close is where it counts.

Oil of Olay. It can help you look younger, too.

Beauty Tips:

● **For a quick pickup at the end of a busy day, turn down the light, kick off your shoes and lie back. But first lavish Oil of Olay® beauty lotion on your face and neck. Oil of Olay helps ease dryness and bring out a look of natural radiance. Let your skin luxuriate in this moist climate. Then set the timer for fifteen minutes and think quiet thoughts. You'll feel refreshed and your skin will, too.**

● **Dry skin can happen everywhere. So after you pamper your face and throat, be sure to pamper your body. Use extra beauty fluid on hands and knuckles, knees and ankles, and even the soles of your feet. After bathing is an especially good time to help ease the dryness in those special areas.**

continued from page 32

sures the severity of both the Plus and Minus aspects of each face on a register of 1 to 4, from the mildest to the most severe. A balanced skin is generally free of the shine and the blemishes of the Plus Skin, free of the tautness of a Minus Skin. Your nose area may secrete more oil than you would like, but this is true sometimes of even a dry skin—it's a natural function that ensures the protection of this important organ. Once you have determined your specific you can go on to the proper care needed to turn it from dull to average, then from average to superlative. "And superlative is perfect," she says with a smile.

Now about soap. If you have a Plus Skin you need a soap that will help reduce the oiliness of your skin surface and guard against harmful bacteria. If you have a balanced or Minus Skin you need a soap that will work to increase your skin's suppleness. There is also a variation between Plus and Minus skin on your face. Explore your face to discover where you're Plus, where Minus. The T-zone, for example—your forehead, nose, and chin—is Plus for many people. If your skin is Plus, your T-zone will be even more so. Your total face cleansing can be done in one step. If, however, you've a balanced skin with a Plus T-zone, you'll need an additional step in your cleansing routine to care for that part of your face correctly. Make sure you are aware of the distinct skin types your complexion reveals. The two-step process involves first taking off your makeup—that's cleansing; then giving it a treatment bath with a soap designed for it—that's correcting. Miss Sartin prefers to use soap as a separate step rather than a simple wash. She also doesn't care for battery-operated skin brushes or scrubbers, because she doesn't like the stripping action she believes they produce. Buffers, abrasive cleansing pads, exfoliating and peeling preparations are all harmful in her view. The basic tools for all skins are: clean hands, a roll of sterilized cotton, and a clean bowl or basin. Your cleaning essentials should be kept neatly in an area of the bathroom that is yours alone.

Cleansing for a Plus Skin:

Saturate a piece of sterilized cotton with a 45-percent-alcohol astringent and gently cleanse your face, omitting the area around the eyes, the upper lip area, and the neck, as these areas are usually dry and unblemished. Cleanse the nose

Continued on page 36

Get fiber into more foods your family will like.
Like No-knead Bran Bread.

No-knead Bran Bread

3 cups all-purpose flour
½ cup instant nonfat dry milk (in dry form)
1½ teaspoons salt
2 pkgs. active dry yeast
¼ cup sugar
1½ cups warm water (110° to 115° F.)
2 cups KELLOGG'S® ALL-BRAN® cereal or KELLOGG'S® BRAN BUDS® cereal
1 egg
⅓ cup margarine or butter, softened

Stir together flour, dry milk and salt. Combine yeast, sugar, warm water and cereal in large bowl of electric mixer. Let stand 2 minutes. Add egg, margarine and 1 cup of the flour mixture. Beat at medium speed for 2 minutes. Gradually mix in remaining flour mixture by hand to form a stiff, sticky dough. Cover. Let rise in warm place until double in volume (about 1 hour). Stir down dough to original volume. Spoon into greased 9 x 5 x 3-inch loaf pan. Bake at 375° F. about 40 minutes or until browned. Remove from pan. Brush with melted margarine. YIELD: 1 loaf.

Variations: In place of the All-Bran cereal, use 3 cups KELLOGG'S® 40% BRAN FLAKES cereal. Or crush 2 cups KELLOGG'S® CRACKLIN' BRAN® cereal to measure 1 cup.

Kellogg's®
The high-fiber cereals.

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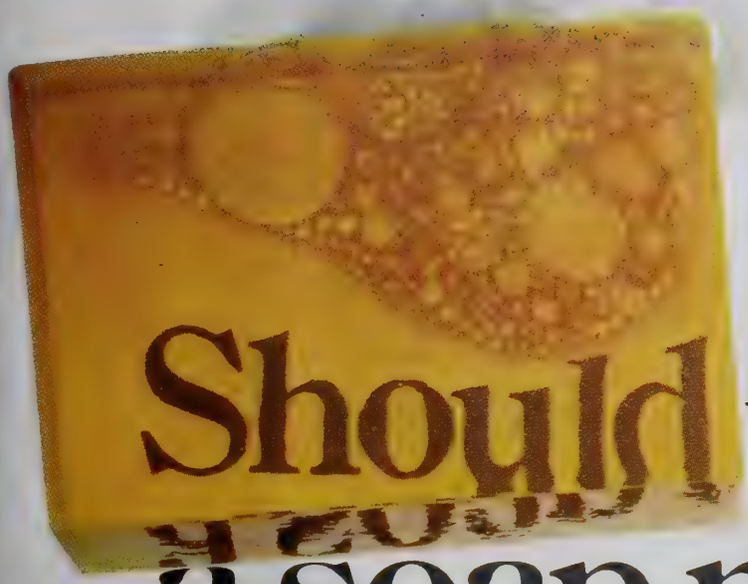

Should you use a soap made for sensitive skin?

(Even if yours isn't)

Maybe you don't have problems with your skin very often. Then why should you even think about using a soap specifically formulated for sensitive skin?

There's a very good reason.

A soap that is pure enough, mild enough and safe enough for sensitive skin is bound to be good for yours.

Neutrogena® is just such a soap. It was made originally for sensitive skin. We use only the finest quality ingredients on the market when we make it. Neutrogena is uniquely formulated to rinse off completely, so it leaves no potentially-irritating residue on your skin. It's been recommended for years by doctors to patients who otherwise couldn't use soap.

We believe you can't buy a finer soap for skin care than Neutrogena. And now you can find it in four formulas, adapted for different skin types. So whether you have a skin problem or just don't want one, give your skin the best care you can. Consider Neutrogena soaps, developed for sensitive skin. One of them is bound to be good for you.

Look for it at better drugstores everywhere.

© Neutrogena Corp., 1979

continued from page 34

area first, change cotton, and do each cheek and your chin. Change cotton again and move to the center of your forehead between the eyebrows. Cleanse the area to the right, then the left, including the outer eye area to the hairline if it is subject to enlarged, clogged pores. Use fresh cotton as needed until it stays clean.

Saturate a fresh piece of sterilized cotton with a mineral-oil complex and cleanse the area around your eyes, the upper lip, and the neck, *if they are dry.*

Fill your basin with warm water—never hot or cold. Wet your face with your hands and lather it with an antibacterial, anti-acne soap in two separate lathers and work them together into your skin.

Rinse your face 15 times with the same water. The brisk, bracing splashes remove any final traces of dirt.

Dry your face with a clean, soft towel.

Cleansing for a Balanced or Minus Skin: Saturate a piece of sterilized cotton with a mineral-oil complex and gently cleanse your face, omitting your nose, as it is usually subject to enlarged, clogged pores. Cleanse the right side of your face first, using a sweeping movement from the inner corner of the eye extending outward over the cheek and jaw area. Cleanse the left side the same way and simply use the reverse side of the cotton. Move to the center of the forehead and cleanse to the right, then to the left. With a piece of clean cotton, go across the chin. Cleanse the neck from the center to the right, then the center to the left. Use fresh cotton until it stays clean; *do not blot.*

Saturate a clean piece of cotton with astringent and cleanse the nose, being sure to clean in the curve of the nostrils and beneath the tip.

Fill your basin with warm water, wet your face with your hands, and lather your face with a soap based in fatty acids—a superfatted soap. Work two lathers, one atop the other, and work them into your skin gently. With the oil residue, this soap creates an emulsion to soften your skin.

Rinse 15 times with the water in the basin to derive the benefits from the emulsion.

Dry your face with a clean towel.

Smooth a light nourishing cream on your face and neck, omitting your nose. Leave it on for 15 minutes and gently remove the excess with a tissue, then blot by placing tissue over the area. Use your fingertips to smooth it on the skin and gently lift off.

You may write Janet Sartin for a skin analysis questionnaire to fill out and return to her. Sartin products may be ordered from 480 Park Ave., New York, N.Y. 10022; they may be purchased through Macy's in New York, Marshall Field in Chicago, and Serena Balfour Ltd. in London.

Beauty and health products new this month in the stores

Scientists who study the aging process often don't agree with each other about their conclusions, but for the most part they do agree on two things: The skin ages because the rate of deep-cell regeneration slows down, and environmental factors such as sun and diet retard the skin's natural elasticity. You can control the amount of sun your skin receives and, to some extent, you can also control what you eat, but there's little you can do to speed the skin's own renewal system—a daily process that runs its full cycle in men and women about every 28 days. The scientists and technicians at *Elizabeth Arden* believe they've developed a system of treatment products that encourages the growth of new skin cells and encourages them to develop at a higher speed. They think that mature skin takes from 4 to 6 weeks to go through a complete cycle. The system, called **Millenium**, consists of only four easy-to-use products that work on and within the epidermis to encourage the skin's own revitalizing functions. Revitalizing Tonic is an exhilarating lotion that quickly cleanses and brightens the skin by removing the dull surface film. Day Renewal Emulsion is a superlight moisturizing lotion that goes under your makeup to protect the skin from the elements. At night, Hydrating Cleanser removes makeup, oil, and dirt from the skin and prepares your face for Night Renewal Cream, which moisturizes and soothes while it helps your skin replenish its own water. Revitalizing Tonic, $15; Day Renewal Emulsion, $30; Hydrating Cleanser, $15; Night Renewal Cream, $35 and $50. Millenium is available at fine department stores across the country.

Your lipstick is the beauty tool you probably use most often during the day, and the one you enjoy using most is one that's comfortable in the hand. **Le Stylo** is an elegant, slim little lipstick wand that comes our way from France via *Lancôme.* And the newest colors for spring are terrific—Safran, a clear clover-honey; Epices, a spiced coral-rose; Cacao, a gleamy milk chocolate; Fluo, fuchsia; and Piment, a salmon bisque. Wrapped in silver-toned swivel cases, they cost $7.50 each. Go for the neutral, Safran—it will work very well with the colors you already have. The lipsticks and pencils can be found in fine department stores across the United States.

PAULA RICE JACKSON

Your fragrance handbook

Since the middle of the last century, the cultivation of flowers for the perfume industry has been centered in Grasse in the south of France. About 30 large factories process the hundreds of tons of flowers and aromatic plants grown on over 87,000 acres in the region. Four million pounds of roses and five million of jasmine comprise the largest crops. Nearly every month brings a flower harvest. In February, the mimosa appears with the almond, peach, and apricot blossoms; in March and April, the narcissus, hyacinths, and violets; in May and June, the glorious fields of roses are in flower. The jasmine, lavender, mignonette, thyme, rosemary, iris, carnation, stock, and tuberose, as well as the lemon and Seville orange trees, bloom in sequence through the year.

The sign: Aries
Circa: March 21–April 20

If you don't plan a trip to France this summer, **Tatiana** by Diane Von Furstenberg can give you an idea of how intoxicating the air is around Grasse. Intensely floral with a peppery undercurrent, the Tatiana scent goes well with the dynamic and expressive Aries. There's a sharp snap to **Jockey Club** from Caswell-Massey for the winning Aries male.

MARIA REACH

HOW TO KEEP AN EXQUISITE FABRIC FROM BECOMING AN ORDINARY DRAPERY OR BEDSPREAD.

SEND $1.00.

How you customize our fabric is as important as the one you select.

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After all, you're not just living with a fabric. You're living with a drapery or a bedspread.

Norman's of Salisbury

What nature started, we finish beautifully.

We make our furniture slowly and carefully. Out of fine wood and wood veneers. This Crown Dynasty occasional furniture is handcrafted out of pecan solids and veneers with ash burl accents.

The delicate chinoiserie motif silk-screened on the curio cabinet is an excellent example of Burlington craftsmanship.

You'll find Crown Dynasty wherever fine furniture is sold. Or write to Burlington Furniture, a division of Burlington Industries, P.O. Box 907, Dept. C4, Lexington, North Carolina 27292.

Furniture made better by Burlington.

BY PAUL GROSS

Guess what? Diamonds are a girl's best friend!

The value of diamonds as investments, plus money-market funds vs. annuities, new ways to save on taxes

Good investment-quality diamonds seem to go in only one direction—up. Unlike those of precious metals such as gold and silver, diamond prices are not very volatile. In the last recession, gold and silver prices took a nosedive, while diamonds continued to shine. In fact, investment-quality diamonds have appreciated in value at a compound annual rate of close to 30 percent between 1968 and 1978. By way of comparison, that's almost five times as fast as the rate of inflation during that decade. And in 1979, diamond prices may have climbed by more than 70 percent.

Diamond prices, like oil prices, are rising because of the cartel behind them. Approximately 85 percent of the supply of diamonds is controlled by De Beers Consolidated Mines Ltd., an old, well-established, and financially powerful cartel. It not only has the muscle to control diamond prices, but also the experience. What's more, the supply of new investment-grade diamonds is falling. Hence, there's little danger of diamond prices falling.

Finally, the cartel that controls diamonds, unlike OPEC, is well-disciplined. Diamond dealers do business on the basis of nothing more than trust. A handshake is all that's needed. If a dealer doesn't keep his word, his reputation will be destroyed, and he won't be able to do business any longer. There's no Securities and Exchange Commission, no commodities board, no policing authority. Just trust.

However, those of us who aren't part of this small world can't operate on the same principle. So, if you do decide to invest in diamonds, deal only with a reputable firm that has been in the business for a number of years, if not generations. Here are some investment guidelines the professionals suggest you follow:

Pay attention to the four C's—the way all investment-grade diamonds are graded. The first C is carat. Investment diamonds weigh .50 carats or more. Generally speaking, the bigger the diamond, the greater the demand for it will be. The greater the demand, the more it will fetch.

The second C is clarity. The Gemological Institute of America (GIA) grades clarity on the basis of a diamond's flaws. Flawless diamonds bring the best prices. Just below flawless are diamonds graded VVS1 and VVS2—those with very, very small inclusions (flaws). Below that are diamonds graded VS1 and VS2—diamonds with very small inclusions. Diamonds graded SI1 and SI2 are ones with small inclusions. Most professionals think that a diamond investor should concentrate on stones graded VVS2 or better.

The third C is color. Colorless stones, which the GIA grades as D, are the most precious. Hence, the pros think that you should look for stones graded D, E, F, G, or H. The grading goes all the way to Z (for fancy yellow diamonds).

The fourth C is cut. The smaller the diamond, the more important cut becomes. The best cut, for investment purposes, is round brilliant, then in descending order are the marquise, pear, and emerald cuts.

If you decide to invest in diamonds, make sure you receive a report on the diamond's four C's from the Gemological Institute of America. (And be careful with whom you are doing business. There have been some reports of forged GIA reports.) Your best bet is to hire an expert to help you buy the diamonds. An expert may charge you 5 to 10 percent of the diamond's value, but that's well worth the price, since he can help you

Continued on page 40

Who says they don't make knives like they used to?

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continued from page 38

avoid an expensive mistake. Moreover, he can help you buy at close to a wholesale price. The markup at the retail level is 100 percent or more. (By the way, you want to buy just the stones, not settings.) Alternatively, you can buy diamonds at reputable auctions. There the price you pay will be reasonable (dealers often buy at auction), and the auction house should be able to vouch for the diamond's quality.

Tax deferral on interest

The interest on debt instruments with a maturity of one year or less is not taxable until you receive it. The IRS has conceded that since the interest isn't usually payable until the instrument reaches maturity, it shouldn't be taxable until then. And that lets you defer taxes.

Earlier, the IRS had wanted to make you liable for the income tax on the interest earned by these instruments, even if you didn't receive it that year. For example, certificates of deposit and Treasury bills are usually bought at a discount from their face value. When the T-bill reaches maturity, you get its face value. The difference between what you paid for the bill and its face value is treated as interest. So, let's say that you bought a T-bill with a 1-year maturity in May of 1979. Assume further that it had a face value of $1,000. Last May, a 1-year T-bill yielded around 9.5 percent. So, you would have paid around $905 for your bill. When it reaches maturity this May, you will receive its full face value of $1,000. The $95 difference will be taxed as interest. However, since the T-bill matures this year, you have been able to defer the tax on all interest earned (but not received) in 1979. In other words, you have been able to defer the tax on nine months' worth of interest. What's more, since you will receive the interest in early 1980, you won't have to pay the tax on it until April 1981—unless you pay estimated taxes every quarter. That lets you use the interest you've earned for another full year before you have to pay a tax on it.

Annuities—alternatives to money-market funds

High yields can be a trap for the unwary. Take money-market funds—mutual funds that invest in short-term securities such as Treasury bills, certificates of deposit, and bankers acceptances—which are now paying around 10 to 11 percent interest. While that's a lot better than what you'd get with a savings account paying 5 or 5½ percent, it won't help you stay ahead of inflation, say the pros. For example, consider the return on a money-market fund that's yielding 11 percent interest. If you're in the 50-percent bracket, your actual after-tax yield is 5½ percent, which is less than half the current rate of inflation.

While money-market funds are a good place to park your cash temporarily, trying to stay ahead of inflation with a fixed-income security is almost impossible. And yet a number of investors have put thousands of dollars in these funds. According to some money-market fund managers, many people kept their money in these funds even when yields dropped to 4½ percent.

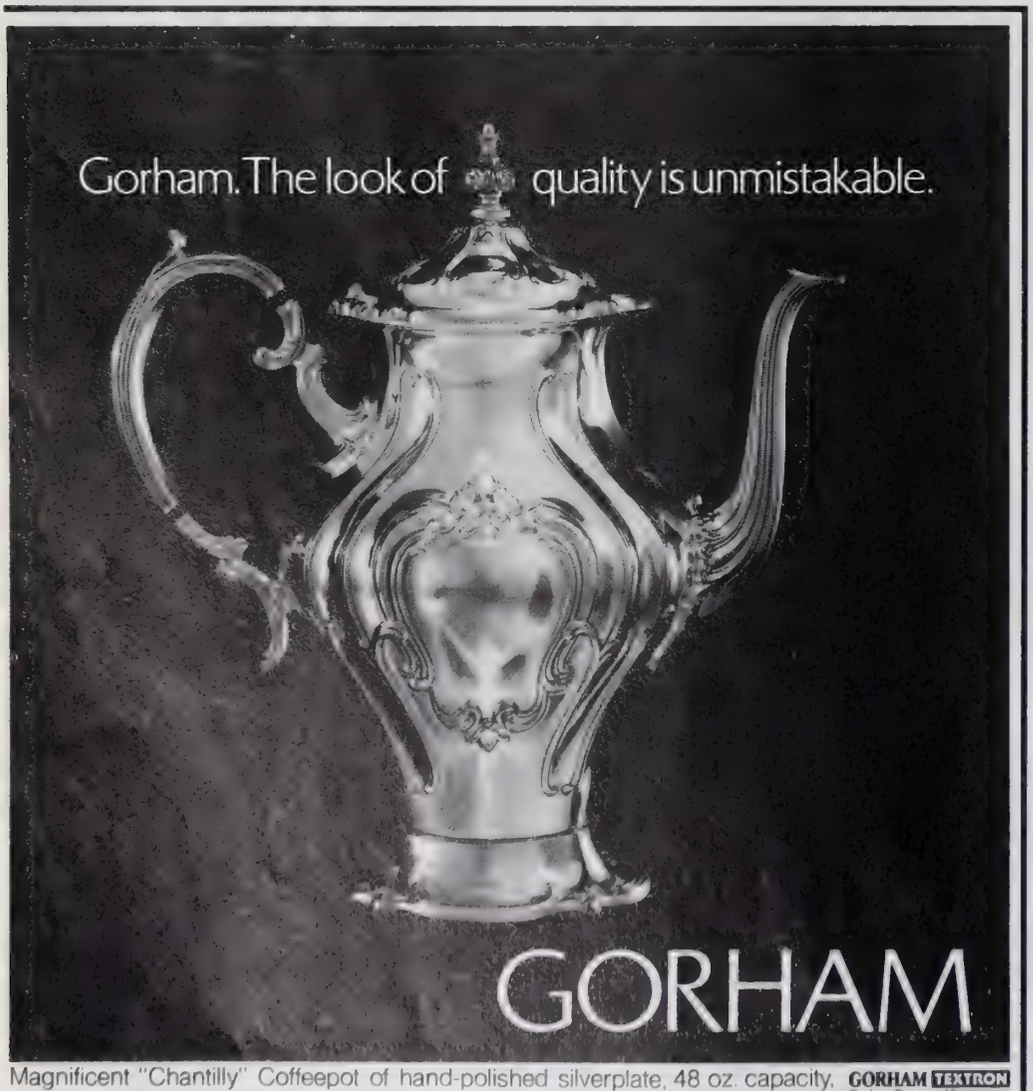
As a matter of fact, if you think you are going to keep your money in a money-market fund for quite some time, you should consider the alternative of a single-premium deferred annuity, says one personal financial planner. (An annuity is something like a savings account, except that taxes on the interest earned by the annuity are deferred until the money is withdrawn.) As its name implies, a single-premium deferred annuity is one that's purchased for a lump sum, often as little as $1,500, instead of in monthly payments.

Because the interest earned by an annuity can compound tax-free, it will grow at a far faster rate than that from a money-market fund. Moreover, some deferred annuities are now paying as much as 10 percent or better. Here's how the two compare: Assuming that both the money-market fund and the annuity yield 10 percent and that the yield remains relatively constant over the 5 years and that you are in the 50-percent tax bracket, if you put $10,000 into an annuity, you would have $16,105.10 or $13,052.55 after taxes. By contrast, the money-market fund would give you only $12,388.25 after taxes—almost $900 less than the annuity.

Note, however, that the yield from an annuity like the yield from a money-market fund isn't fixed. It fluctuates with short-term interest rates. But that's not as much of a problem as it might seem. For one thing, most annuities guarantee a minimum yield—usually 4 or 5 percent. For another, some annuities let you switch back and forth between long- and short-term funds. When interest rates start rising, you can take full advantage of the rise by being in an annuity that invests in short-term money-market instruments. Then when rates start falling, you can have the annuity switched over to longer-term bonds, which will let you lock in a higher interest rate. Money-market funds that are part of a family of funds give you that same option.

Investment advisers suggest shopping very carefully for a single-premium deferred annuity. Some things to look for:

1. Make sure that there are no sales charges going in or coming out. This can be tricky. Some annuities don't have a front-end sale charge, but will hit you with a big charge when you withdraw your funds. *(Continued on page 44)*



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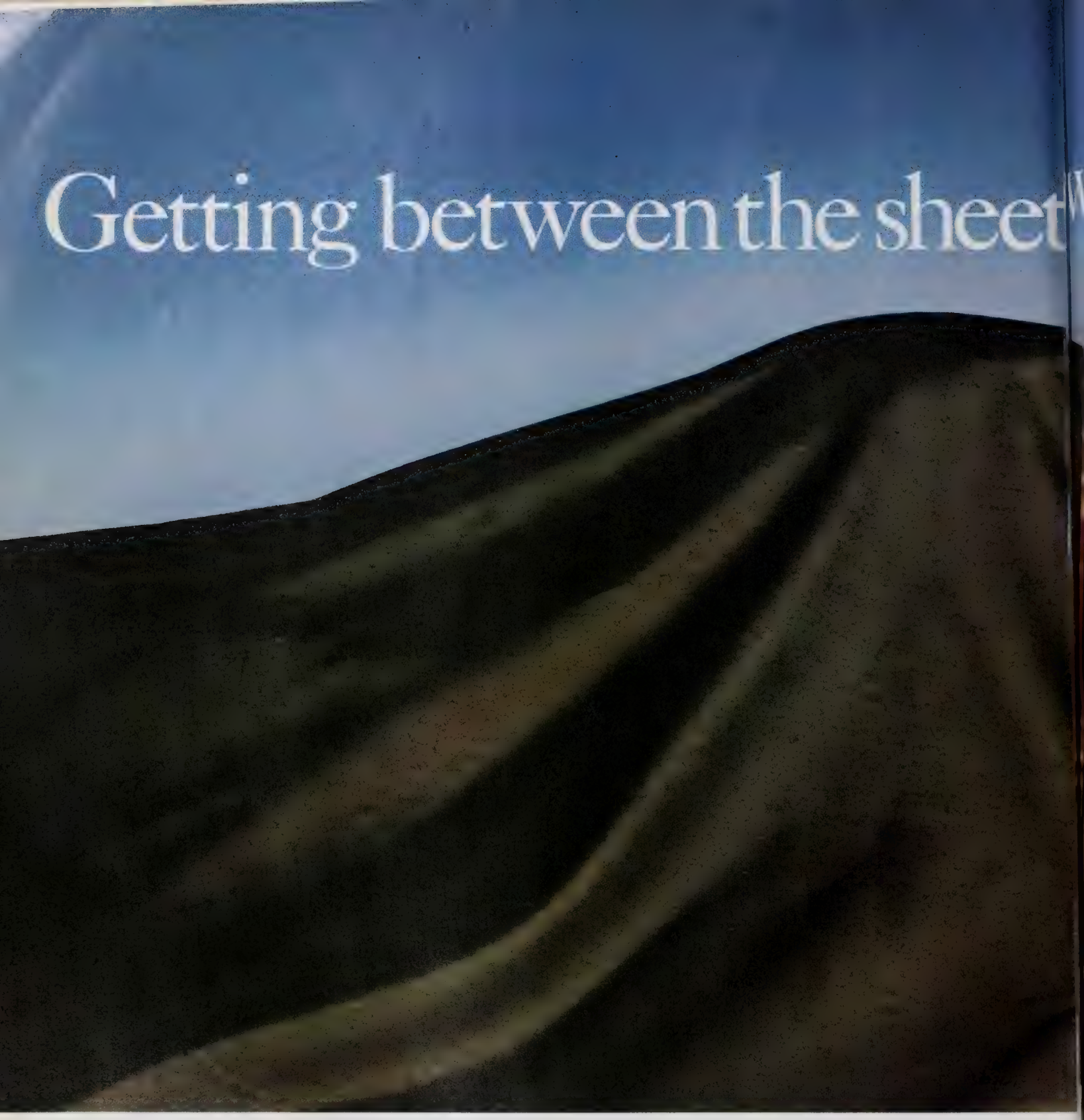

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member of your family. You would probably be wise to avoid giving it to your spouse—the vacation home would then be taxed in her estate. And since she will probably inherit most of your estate, the vacation house will just increase the amount of taxes she will have to pay.

If you like, you can even retain the right to use or "rent" the property from your children at certain times of the year. However, if you do, it will be considered a "retained interest" and taxed in your estate. If the vacation house, for instance, is worth $100,000 and rents for $1,000 a month, and you want to rent it regularly for one month a year, to figure out what the retained interest comes to, divide the total rental value by the rental value of the time you want to use it. In this example, the total rental value would be $1,000 multipled by 12 (months) or $12,000. So, your retained interest works out to around 8.3 percent of the total rental value. Apply that against the value of the house and you have a retained interest of $8,333.

You can even set up the deal so that you avoid gift taxes. Simply sell the vacation house to your children on the installment basis. Then each year, forgive part or all of the payment. You can use your annual gift-tax exclusion to give up to $3,000 a year ($6,000 if you make the gift jointly with your spouse) to a person tax-free. The exclusion applies to each person you make gifts to. Hence, if you "sold" the vacation home to two children, you and your spouse could forgive up to $12,000 of installment payments each year.

Note, however, that the gifts you make will be taxed in your estate—even though the vacation home won't be included in it. But that's not much of a problem since the gifts will be taxed at their value when they were made, not at their value when you die. Given the rate of inflation, that still gives you a handsome tax break. For example, if the house's value doubles to $200,000 by the time you die, your estate will only be liable for the $100,000 gift you made. ■

MONEY

continued from page 40

2. Don't annuitize the annuity's payments. In other words, elect to take out the proceeds in either a lump sum or a few large installments. If you annuitize it, you will get a series of monthly payments based on your life expectancy. The problem is that the actuarial tables used to determine your life expectancy for an annuity are different from the actuarial table an insurance company would use when determining your policy premiums. Those for an annuity give you a much longer life expectancy. By stretching out the payments over a longer life expectancy, the insurance company can lower the amount it pays you each month and will get to use your money for a longer period of time, notes an estate planner who has studied annuity practices closely. And since you probably won't live to collect all the annuity proceeds, the company will come out even further ahead. True, you can name a beneficiary, but if you do, the monthly payments you receive will be even lower.

3. Look for an annuity that will let you switch back and forth between various types of investments. That will let you get the highest possible yields. If short-term interest rates fall, you could switch to an annuity that invests in long-term bonds, which would let you lock in those high interest rates.

Getting a vacation house out of your estate

Thanks to a recent IRS ruling, there's now a way to get much of the value of your vacation house out of your estate, while still being able to enjoy it. Getting it out of your estate could save your estate a good deal of money as well as some hassles with probate. If the home is located in a state other than the one in which you live, it will probably have to be probated twice. That could involve a long delay in settling your estate, and hence cause your heirs some unnecessary grief.

Simply give the property to your children or some other

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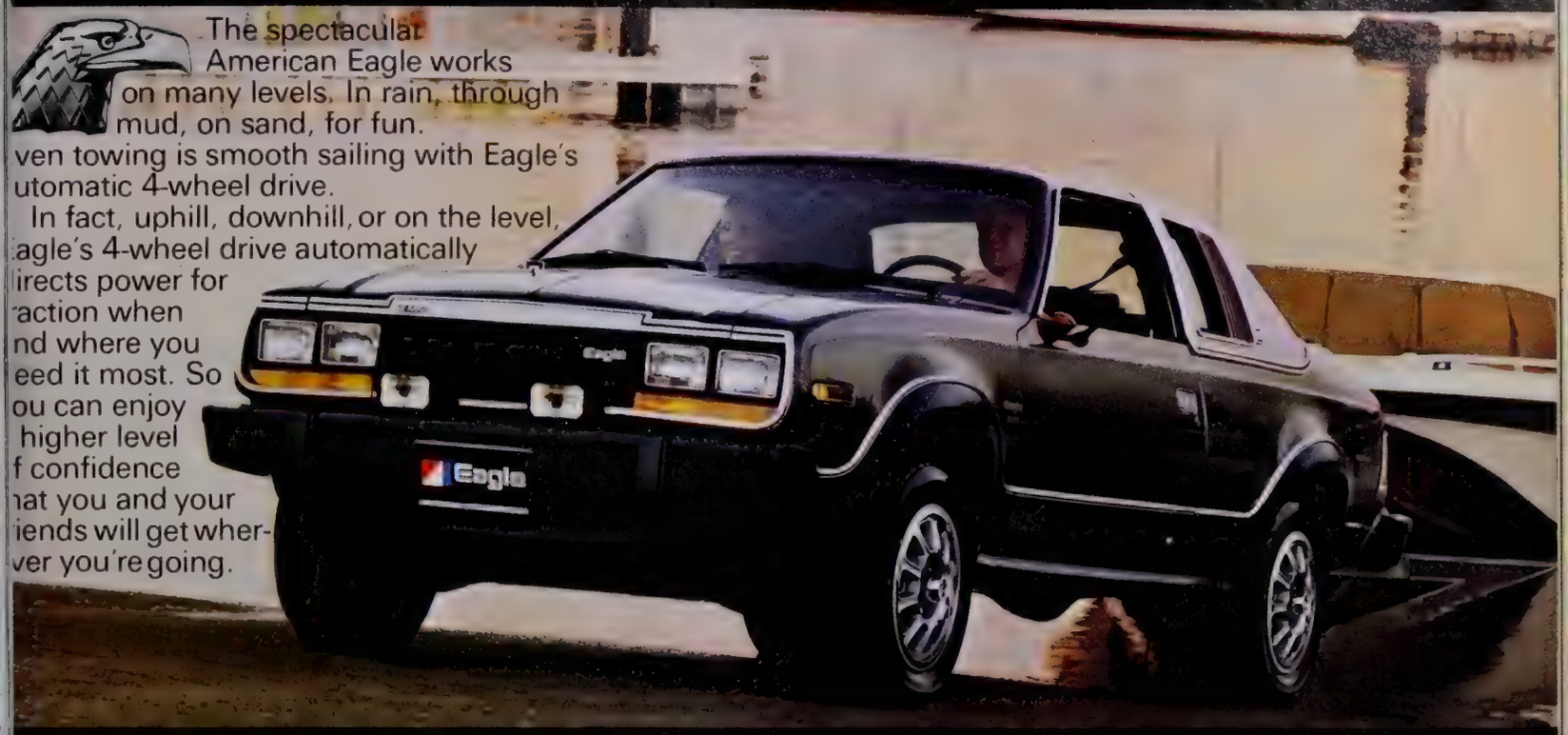

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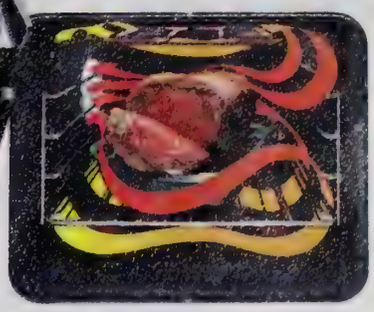

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BY RICHARD LANGER

Fruits that grow indoors

Oranges, lemons, limes, bananas, kumquats, and even some exotics flourish with a little care and a lot of sunshine

From the 17th century on, almost every palace in Europe had its orangery, the nobility having discovered the pleasure of freshly squeezed juice for breakfast. The first orangeries were merely rooms that could be heated in winter to keep the trees from freezing. Available light was minimal, and these enclosures were more like warm caves than greenhouses. By the end of the 17th century, orangeries boasted reasonably large expanses of glass on the south side. Heating, too, improved, although it certainly did not approach contemporary standards. The citrus trees prospered, and when set outside for the summer, bore copious crops. In some cases, the glass buildings were dismantled each spring and rebuilt around the trees each fall. Eventually the true greenhouse was developed.

Today, of course, a wide range of tropical fruits is readily available at supermarkets. Bananas and oranges are no longer considered exotic. Newcomers such as kiwifruit, unheard of a few decades ago, are making rapid inroads into our diet.

Window-sill calamondin orange tree, grown by Mrs. M. Bernard Aidinoff.

Still, there is a great feeling of pleasure in growing your own fruit tree—a pleasure in the plant's beauty as well as in following its growing cycle from flower to fruit. And you don't need an orangery, or even a greenhouse, for that matter.

Consider citrus fruit. Granted you won't be able to have 2-pound navel oranges. But how about a 2½-pound lemon? That's what you get from *Citrus Limon* '*Ponderosa*.' About as showy a fruit tree as you can find, the ponderosa lemon bears fruit the size of grapefruit on a tree no larger than 3 or 4 feet high. The plants do grow larger—much larger—but this takes decades.

The ponderosa lemon itself is extremely thick-skinned and rather bland. While you can make a whole meringue pie from a single fruit, perhaps a snappier lemon would be more to your taste. Consider *Citrus Limon* '*Meyer*,' popular as an ornamental shrub in California and Florida because of its extremely fragrant flowers. The plant also does well as a tub specimen indoors. A thin, dark yellow-rinded variety, the 'Meyer' lemon is indeed a cheery and tasty grower for indoor gardeners in northern climes.

The lime *Citrus aurantiifolia* produces bright chartreuse-colored fruit on a diminutive tree or bush, usually no larger than 2 feet high.

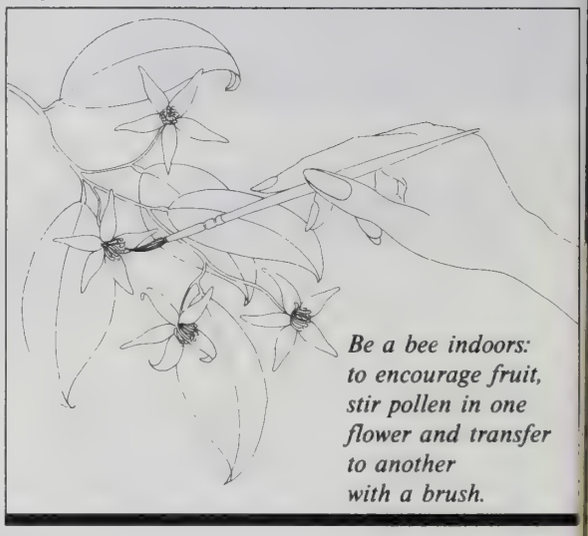
The calamondin orange, *Citrus mitis*, is perhaps the most readily available indoor citrus tree. Although many growers are attracted by its flowers and fruit in the florist's window, most are disappointed by the mini-oranges' sour taste. But they are delicious for homemade marmalade. Also, calamondin oranges, like beer and wine, are an acquired taste. A ripe one eaten whole, skin and all, is a most refreshing experience—after you've become accustomed to its flavor.

The regular oval kumquat, *Fortunella margarita*, is the sugar-pickled one you get for dessert in Chinese restaurants. It's a fine ornamental for a tub. Incidentally, once you harvest your kumquat you can pickle them yourself by submerging the fruit in a pot of hot simple syrup—equal parts sugar and water. Let the kumquat and sugar cool, then place in jars and let pickle. The longer it pickles, the better it tastes.

How to grow citrus fruits

The basic care of all citrus fruit is the same. The trees need absolutely the most sunshine your house offers. Fewer than 3 hours of direct sun in winter, and your growing conditions are less than optimal. Acid soil is preferred, and the plants should be fertilized monthly from March through October. Use a balanced 10-10-10 fertilizer, and don't overdo, trying to produce a bumper crop. Too much fertilizer, particularly nitrogen, will cause the plants to send out new leaf buds to replace the flower buds and undeveloped fruit.

To keep the leaves emerald green and sparkling rather than pale and listless, add chelated iron, available at garden centers, to the soil. It keeps plants in acid soil from developing iron-deficiency anemia.



Be a bee indoors: to encourage fruit, stir pollen in one flower and transfer to another with a brush.

If possible, buy your citrus in bloom and fruit—not only does it reduce the wait for a crop, it assures you of a fruiting specimen. The best plants are raised from cuttings. Many seed-sown specimens refuse to flower.

Citrus fruit should have moist soil throughout the growing season, a drier footing during the winter months. In winter, the plants should also be grown on the cooler side of the house. However, since in order to maximize sunshine you'll no doubt have your specimens close to the window, this should present no problem. Air conditioning, incidentally, rarely affects these plants unless there's a direct draft, so they are excellent for the office. *Continued on page 5.*

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continued from page 48

Regular misting of the foliage is a good idea, though not necessary if the humidity around the plants is reasonably good.

Prune citrus trees in spring to shape them, also to keep the center of the plants open and airy. Too much growth in the middle, and you'll end up with dropping leaves in the center from lack of light.

If your citrus plants flower well but refuse to bear fruit, get a small, soft watercolor brush and stir the inside of a flower with the bristles, then go on to the next flower, and so on until you've pollinated all the mature blooms. Buzzing while you work is not necessary.

With a little care and some luck, the citrus family will almost always bear a reasonable harvest.

Bananas, Kaffir plums, and other tropical fruit

The same cannot be said for banana plants. *Musa acuminata 'Dwarf Cavendish'* can produce dwarf bananas—you have a 1-out-of-4 chance of getting a crop. When it does bear, the bananas are rather tasty, though probably not quite up to the standard of those found in supermarkets. Even without a crop guarantee, however, dwarf bananas are well worth growing, adding a real plantation look to your indoor orchard. The flat oarlike leaves of the banana plant (it is a herbaceous plant, not a tree) are unique among house-grown specimens. And if you do get a crop of yellow fruit, the sense of excitement more than makes up for the harvest's somewhat flat taste.

The care of banana plants is like that of citrus—the only difference being they will consume more water. Although you don't want them growing in a swamp, never let the soil become really dry.

Although it looks like a coffee tree, the Kaffir plum, *Harpephyllum caffrum*, needs more sun than its caffeinated counterpart. As for all indoor orchard trees, the rule for plums is the more sun, the better. Clusters of greenish-white flowers give way to small, dark red berries—eventually. Count on several years for your first crop. And then don't count on enough for more than a plum tart your first harvest. Tart, incidentally, is the word for the plum's flavor, but refreshingly so.

Let the soil become quite dry between waterings. The Kaffir plum, as its name indicates, is from South Africa and is not only used to dry spells but actually thrives on them.

A few exotics

Less commonly grown indoor orchard plants are well worth a try once you get past the basics. Consider, for instance, the Chocolate Pudding Tree, advertised as tasting like chocolate pudding. It doesn't. But its fruit is sweet and pleasant and many people love it—just as some people love persimmons and others can't abide the taste. The analogy is more than appropriate, incidentally, since the so-called Chocolate Pudding Tree, *Diospyros digyna*, is nothing but a tropical cousin of the persimmon, *Diospyros virginiana*. By all means grow one. Don't think of it as instant chocolate pudding, and you'll love it. The plant is easy to cultivate, quite free from pests, and ideally suited to pot culture, as long as the pot you use is deep and the plant is moved to slightly larger quarters each spring before new growth begins.

Then there's the air potato, *Dioscorea bulbifera*. It bears no relation to the potato whatsoever. Plantsmen are probably entitled to call it that if they wish, since in its native Philippines, the fruits of this tropical vine are often referred to as potatoes. Semantics aside, the vine produces luxurious heart-shaped leaves that can be trained up along the window edge to frame your orchard in living green. Just make sure none of the leaves touches the windowpanes in winter. The plant is extremely sensitive to cold. Otherwise it's problem-free, with a distinct preference for very rich, moist soil.

The "potatoes" do not need to be dug. The tubers develop on the vine itself and are easily cut off. Pick them just after the guests have arrived and serve boiled, baked, or fried.

One of my own favorite indoor fruit trees is the fuzzy-leaved loquat, *Eriobotrya japonica*. It is a prolific fruiter even as a tub plant, and you may have to thin the fruit once it starts bearing. Too many fruits on one branch will stunt their development, preventing the fruit from reaching its full 2-inch size. A moisture-loving tree, the loquat should be fertilized throughout spring and summer. And, like all indoor orchard plants, the loquat loves a summer vacation outdoors in July and August and looks excellent on a patio.

Sources for fruit trees

You can usually get potted citrus trees in local plant shops. If yours doesn't have any, Logee's Greenhouses, 55 North St. Danielson, Conn. 06239 (catalogue $2) carries a good selection.

Kaffir plum-tree seeds can be had from J.L. Hudson, Seedsman, P.O. Box 1058, Redwood City, Calif. 94064 (catalogue $1). The air potato, Chocolate Pudding Tree, and dwarf bananas are available from Lakeland Nurseries Sales, Hanover, Pa. 17331. The Natal plum, as well as citrus plants, can be ordered through Van Bourgondien Bros., 245 Farmingdale Road, Rte. 109, Babylon, N.Y. 11702, or Burgess Seed & Plant Co., 905 Four Seasons Road, Bloomington, Ill. 61701. ■

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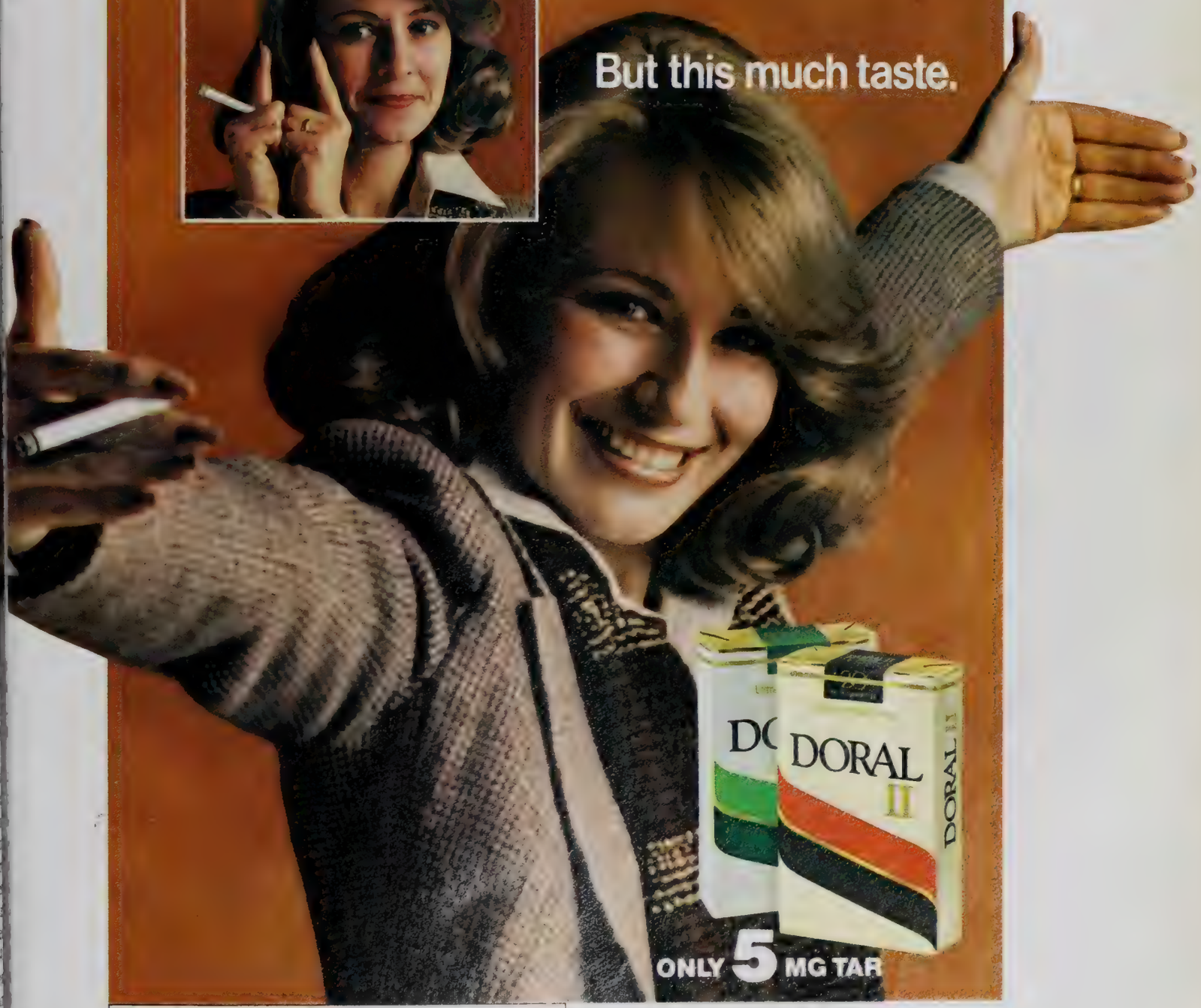

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USED PIANOS

continued from page 30

only an expert knows for certain—or the tuning will not hold. The fault can be concealed by "doping," or applying fluid to temporarily swell the pinblock and squeeze the pins. Drip marks around the pins are the giveaway here. An impatient buyer will discover the truth months too late, and replacing a pinblock is a major rebuilding job.

The plate. The pinblock hides behind the "plate," the massive piece of gilded iron which takes the terrific tension of the strings, a total of 18 tons or more (30 in some concert grands). Though the plate is assisted by the back posts of an upright, don't judge the quality of a piano by their number. It's the weight of the plate which counts—the heavier a piano, the better. Any cracks in the plate are usually fatal, even if hairline thin. Though steel braces can occasionally hold it together, welding usually fails, and rebuilders typically abandon the piano forthwith.

The soundboard. Left to themselves, strings sound too faint. The full tone is generated by the soundboard, a sheet of mountain spruce behind the strings. Oddly enough, cracks in the soundboard are usually harmless—they saw slots in soundboards in tuning schools to show the tone does not alter. But cracks may mean the ribs are loose behind. The string vibrations are conveyed to the amplifying board by bridges, strips of wood against which the strings press. Cracked bridges buzz, ring, and confuse the tuning. Small ones can be filled, but large ones need costly rebuilding or replacement. Finally, the string "downbearing" on the bridges must be firm for true tone. Age and neglect weaken the "crown," or inward curve of the soundboard, again cured only by major rebuilding.

Tuning. Insist that the piano be tuned to standard concert pitch (A above middle C sounds 440 times a second). Only rusty strings, which may break, discourage tuning to proper pitch, at which all pianos are built to work best (some built before 1925 are designed for A=435 hz, but quality models can be raised if their condition is good). Such strings should be replaced anyway.

Expert help. Make the initial sorties yourself, but before buying, *always* call in a qualified tuner-technician to survey for major, hidden faults—especially cracks in pinblock, plate, or bridges. Members of the Piano Technicians Guild (see your telephone book), schooled and tested in rebuilding as well as in tuning procedures, are experts. ■

Editor's note: Anthony Liversidge is currently working on a book about the piano world entitled The Book of the Piano, *to be published later this year by Lippincott & Crowell.*

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HOUSE CRAFT

BY DEANNE RAFFEL

A lumberyard primer: what you should know to choose the right building materials

Q. Whenever I've gone to a lumberyard, I've been confused by the variety of woods and the terms describing their finishes and uses. Can you help?

A. It's wise to go to a lumberyard prepared. Write down exact dimensions and decide beforehand the material best suited to your project.

Wood is classified as either "softwood" or "hardwood," but neither term has anything to do with the actual softness or hardness of the material. Softwoods come from needle and/or cone-bearing (coniferous) trees such as white pine, Douglas fir, spruce, or cedar. Hardwoods are produced from broad-leafed (deciduous) trees, including oak, walnut, hard maple, and cherry. Most lumberyards carry a full line of softwoods, but the hardwoods stocked other than flooring are minimal, so special ordering may be necessary.

Lumber sizes are nominal dimensions—a 2-by-4 is not really 2 inches by 4 inches; it is actually 1½ by 3½. The chart below compares nominal to actual dimensions. Years ago when stock was rough-sawn and air-dried, the given dimensions were close to the real measurements. These days seasoning (drying) and dressing (planing) shrink the given dimensions, and the mills are initially cutting smaller cross-sectional sizes to increase linear footage production.

Your main concern will be softwood material, which is cut into four types of lumber: yard lumber, structural lumber, factory and shop lumber, and pattern lumber. You will usually work with yard goods, which are categorized three ways: 1. *Board lumber*, or *shelf lumber*, which is less than 2 inches in nominal thickness. (Material used for shelving is generally of 1-inch nominal thickness.) Widths increase by 2-inch increments to 12 inches. Some mills do cut wider boards; however, wider dimensions are more likely to "cup" (warp perpendicular to the long grain). 2. *Dimensional lumber* is long material—2 by 3, 4, 6, etc.—used in construction as the skeletal members of a structure (studs, joists, rafters). 3. *Finish lumber* is 4 inches or less in thickness and a better grade of material than board lumber. You may also use profile or pattern lumber; it is machined with a router blade to give a cross-sectional pattern such as the tongue-and-groove of floorboards. Mold-

Continued on page 58

NOMINAL VS. ACTUAL LUMBER SIZES

	Width									Thickness	
Nominal inches:	2	3	4	5	6	7	8	10	12	1	2
Actual inches:	1½	2½	3½	4½	5½	6½	7¼	9¼	11¼	¾	1½

SOFTWOODS VS. HARDWOODS

	Hardness	Strength	Workability	Applications
Softwoods: White pine	soft	low	very easy	construction, trim, furniture
Douglas fir	moderate	high	easy with power tools	construction, plywood
Spruce	soft	medium; prone to decay	easy	construction, interiors
Cedar	soft	low; heartwood resists decay	easy	construction, trim, closets
Hardwoods: Oak	hard	high	difficult; brass hardware required because of acidity	interior woodwork, furniture
Walnut	hard	high	a dense material, yet fairly easy	furniture, veneer paneling
Hard maple	hard	high	easy to nail and glue	furniture, cabinets, floors, paneling
Cherry	hard	splits easily	rather difficult	cabinets, furniture, paneling

IS IT CRAZY TO SPEND A LOT OF MONEY FOR VINYL FLOORING?

Ever since it was introduced a lot of people have thought of vinyl flooring as the workhorse of the house. It was durable. It was practical. And it didn't cost an arm and a leg.

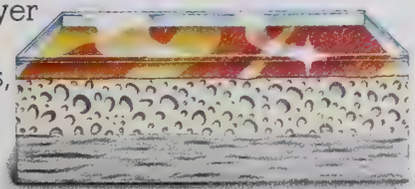
Well we at GAF, the makers of Gafstar® sheet vinyl and floor tiles, think it's time we opened people's eyes to a whole other side of vinyl flooring. A side that's fashionable, refined and yes, more expensive.

New Gafstar® 7500 Series Sheet Vinyl. "Rapallo"—75047 (Loden Wheat).

AN EXPENSIVE FLOOR SHOULD BE WORTH THE MONEY.

Like most things you can buy, there exists a premium class in vinyl flooring, too. These floors cost more, but they offer you more, in quality and aesthetics.

However, once you've decided you want the best vinyl flooring money can buy, you should find out exactly what your money is buying you. Most premium priced vinyl floors are no-wax these days. (It's the least you should expect.) The problem is some of these floors could begin to look old before their time, given the wear and tear of repeated family traffic. Which is why GAF puts a protective double layer on no-wax Gafstar® 7500 Series, our most expensive sheet vinyl flooring. Our tough Brite-Bond™ urethane layer on top of our tough PVC layer insure you of durability. But for all that toughness, 7500 Series is easy to take care of. All it takes is an occasional damp mopping and the application of a vinyl dressing once in a long while, to keep the shine from knucking under, underfoot.



Cross section of Gafstar® 7500 Series Sheet Vinyl

And to make things nice and comfortable underfoot, we put our exclusive Quiet-Cor® interlayer under that protective double layer.

AN EXPENSIVE FLOOR SHOULD LOOK IT.

Fashion is strictly a matter of personal taste. And while no manufacturer can guarantee you their designs are the most stylish you've ever seen, we can tell you two hard facts about the look of our premium sheet vinyl. First, we offer a complete line of one-of-a-kind ceramic-like patterns, in many colors. Second, 7500 Series has the highest gloss of any major brand of sheet vinyl sold. So in addition to being tough, it's beautiful as well.

By now we hope we've opened your eyes to look at vinyl flooring in a whole new way. And maybe helped you to realize that it isn't crazy to spend a lot of money on our vinyl flooring. In fact, given all you get for the money, it could be a downright bargain.

GAF GAFSTAR® VINYL FLOORING

WE'RE OPENING PEOPLE'S EYES UP ABOUT VINYL FLOORING.

For information or the name of your nearest Gafstar® flooring dealer, call toll free anytime 800-223-0344. (N.Y. State 800-442-8169.)

continued from page 56

ings, lattice, and some paneling are examples of pattern woods. Yard lumber is available in two grades: select (free of gross imperfections and relatively expensive), and common (with knots, sap pockets, and other flaws), "commonly" used for most work.

When ordering lumber, specify as follows: 1. nominal thickness, 2. nominal width, 3. number of pieces, and 4. length. *A lumberyard will automatically give you common wood unless you ask for select.* Material is purchased in even 2-inch increments.

Plywood is made from several thin layers placed with the grain of each at a right angle to the adjacent layer. They are glued and laminated to produce a large wooden sandwich. Sheet thickness runs from ¼ to 1¼ inches, and the panels are 4 by 8 feet unless ordered longer. Plywood is much stronger than ordinary board material—it does not chip, crack, or split. When ordering plywood, specify either the interior or the exterior type. The difference is in the adhesive used to adhere the plys; the exterior type is laminated with a waterproof glue. Although plywood is made in both hardwoods and softwoods, your primary interest will be in the softwood material. Plywood has a grading system designating the quality of both sides of the veneer—"A" being smooth and "D" having scattered knots—thus A-A, A-C, etc.).

Naturally colored tan or brown hardboard is made from compressed wood fibers. It is essentially smooth, has no grain, seldom needs sanding, and bends easily without cracking. It is a less-expensive substitute for thin plywood, and when it's painted, you'll never know the difference. Perforated board (pegboard) is a hardboard product.

Flakeboard, particle board, and chipboard are all basically the same material produced by different manufacturers. Wood is chewed up by sharp blades into small chips, mixed with glues and resins, subjected to heat and pressure, and made into panels and shelving material. This kind of composition board is ⅓ heavier than plywood but does have several advantages: It is inherently rigid, has no grain, has "two sides good" (the front and back are the same), and costs considerably less. Specify interior or exterior grade when ordering.

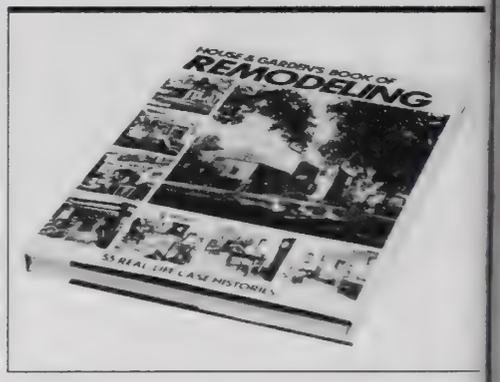
More power to you

Extra electrical outlets, four in a row in a portable unit, eliminate chiseling out the wall to install wiring. One model, for kitchen counter appliances, has a 3-foot cord and a master switch with pilot light that indicates if power is on or off. The other, also with four outlets for general use, has a 9-foot cord. Both have a circuit breaker that shuts off power automatically, if there is any overload or short circuit. "Multiple Outlets" plug into standard house current outlets, have a 15-ampere, 125-volt maximum rating, are UL listed. Suggested price, $23.95; at home centers, hardware, department stores. SGL Waber Electric, 300 Harvard Ave., Westville, N.J. 08093.

Crack filler, leak stopper

Adhesive-backed weather strip seals heat-leaking cracks around doors and window sashes, window and door frames. It fills existing gaps, adheres tightly, but stays flexible and permanently in place. You apply it by unrolling, marking, and cutting off strip sections, then peeling away protective paper and pressing the

adhesive side to bottoms, tops, and sides of windows and doors. 3M Brand Adhesive Weatherstrip is also claimed to reduce window air infiltration by 70 percent, doors by 90 percent. Available at home centers, hardware stores, at about $5 a 17-foot roll; $38, a 60-yard roll.



House & Garden's Book of Remodelin *(Viking, $35) offers over 50 real-life cas histories—color photographs plus before after floor plans—of remodeling project for every type of house or apartment. I it, you will find hundreds of provocativ ideas for you own project—how to pus out walls, break through ceilings . . . ho to add a wing, a porch, a greenhouse . . how to turn a garage into a room for en tertaining . . . how to achieve more sto age space. At bookstores; or $35, plu $1.50 for postage and handling to: Cond Nast Books, P.O. Box 3308, Grand Ce tral Station, New York, N.Y. 10017.*

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It's called Plush Quilt for a good reason. You'll find deep, plush, luxuriously-quilted surfaces for the kind of sleeping comfort you want.

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The Plush Quilt™ Collection offers a range of firmness and comfort in three outstanding models. Your choice of twin through spacious king. See them soon at a participating retailer.

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Model	Twin 2-pc. set*	Full 2-pc. set*	Queen 2-pc. set*	King 3-pc. set*
Sealy Plush Quilt One	$119.95	$149.95	$369.95	$499.95
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SPECIAL VALUE: The Sealy Posturepedic Classic from $119.95* each piece (twin set). *Suggested retail price. May vary in Canada. ©1986 SEALY, INC.

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Shown smaller than its 7¾" height.

The premier figure in *"The Belles of the Ball,"*
an outstanding new collection of hand-painted costume figurines in fine bone china.
A limited edition issue of The Museum of Costume, Bath, England.

n original porcelain sculpture of
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tist at the very attractive price of $120.

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ıe figure of an 18th-century woman—
autiful and full of grace. Pausing in
id-step as she dances the favorite dance
the time: the minuet. Clad in a ravish-
g ball gown of the early 1770s—the
ıd every woman would love to wear
all ruffles and lace.

The figure? A remarkable work of art in
e bone china. Elegantly sculptured.
ınd-painted in exquisite colors, and
ızed with a rich sheen that seems al-
ɔst to give it a life of its own. Superbly
tailed—even down to the fan and tiny
ndant earrings picked out in *pure 24*
at gold.

This is *Marianne: "The Minuet."* Com-
ssioned by The Museum of Costume,
th, England, from the distinguished
costume artist Stephen Gregory. To be crafted for the Museum by Franklin Porcelain in Japan—home of some of the world's most gifted and experienced porcelain craftsmen.

The first in a new series, "The Belles of the Ball," *Marianne* will be available this year only, in keeping with established collecting tradition. Affording the exclusivity of a limited edition—at a price designed to place the figure within reach of all who love beauty . . . art . . . and the romance of the past. Just $120, payable in three installments. *When all valid orders are filled, the original molds and designs will be destroyed, so the work may never be issued again.*

Owners of this premier figure will be notified in advance of future issues in the series—and may acquire them if they wish. There is no obligation.

Each figure will be crafted to order. To take advantage of this exceptional opportunity, return the reservation form at right to Franklin Porcelain, Franklin Center, Pennsylvania 19091, no later than April 30, 1980.

ADVANCE RESERVATION FORM

MARIANNE "THE MINUET"

Please return postmarked no later than April 30, 1980. Limit: One per person.

The Museum of Costume
c/o Franklin Porcelain
Franklin Center, Pennsylvania 19091

Please accept my reservation for *Marianne: "The Minuet"* by Stephen Gregory in the finest hand-painted bone china, at just $120.* I shall also receive a Certificate of Authenticity and specially written reference materials.

I need send no money now. Bill me for my first payment of $40.* prior to shipment, then for two subsequent monthly payments of $40.* each.

**Plus my state sales tax.*

Signature _____
RESERVATIONS ARE SUBJECT TO ACCEPTANCE

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BY JANE WHOLEY

Shrinking your fuel bills while growing your food

With a solar greenhouse, you can keep your house warm and grow all your own vegetables, too

Leslie Davis and Bill Lazar own a small adobe house near Santa Fe. Jutting from the house's front is a long, narrow lean-to with a sloped front made from milky, translucent plastic. This structure, which the owners built themselves, plays an extremely important role in their lives. It produces almost all their vegetables year-round and offers a peaceful space to read a book in the afternoon. Moreover, the little room traps enough sunlight to heat over half their household through sub-zero New Mexican winters.

The Davis/Lazar lean-to is called a solar greenhouse. Its heat and light come totally from the sun—with no assistance from oil, gas, or electricity. At least 20,000 others are operating around the country, from the coldest climes of northern Maine to the deserts of California. Most are energy independent, but some use small amounts of fossil fuels.

The term solar greenhouse might seem redundant, since all greenhouses trap sun power. But a traditional greenhouse is very different. It's made totally of glass or plastic and absorbs heat during the day only to let it escape again through the glazing at night. To make up for heat loss, the traditional greenhouse guzzles a constant flow of fossil fuels—a costly arrangement for the owner and a drain on our environment as the energy crisis drives fuel bills upward.

Solar greenhouses—or sunspaces as they're also called—are designed to produce more energy than they consume—to trap sunshine behind one glazed wall and keep it from escaping by insulating the others. This way, there's enough heat for your plants—and you, too.

Sunspaces are hardly new. In fact, they've been around since ancient Rome, where Tiberius Caesar ordered them built so he could have fresh cucumbers all year. Solar greenhouses were also commonly used in China and in 19th-century Europe, but were neglected afterward until the '60s when alternative technologists resurrected them as promising solar heating systems. Since then, an entire solar greenhouse movement has sprouted—first in New Mexico and Colorado, later in the northern parts of the country. Now there are sunspace enthusiasts in almost every state.

Solar greenhouse in Maine. The panels are silver to reflect the summer sun.

Alternative technologists are excited about solar greenhouses for reasons that might excite you, too. First, the economics: An average-sized greenhouse (about 160 square feet, or the size of a small bedroom) is capable of supplying a good 20 percent of the heating needs for an average eight-room house in climates like the Northeast. (In less taxing climates, like that of Santa Fe, a sunspace can supply up to 85 percent.) Using the Northeast example, 20 percent of an average house's heating bill—at 75¢ a gallon of oil—would be $165. Add this figure to the $320 worth of vegetables you could grow, and your total first year's savings could be about $485.

Continued on page 6

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Refreshing light menthol.
Low tar.
Satisfying taste.
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Warning: The Surgeon General Has Determined That Cigarette Smoking Is Dangerous to Your Health.

10 mg. "tar", 0.8 mg. nicotine av. per cigarette, FTC Report MAY '78.

continued from page 62

What a sunspace will cost

A solar greenhouse can cost anywhere from about $400 to $10,000, making it difficult to pin down the number of years for your savings to cancel the original investment. A number of variables account for the fluctuation in price, including the materials used (recycled wood or fancy redwood, second-hand windowpanes or new double-pane insulating glass), whether or not you build the structure yourself, and how good a gardener you are. Leslie Davis's 460-square-foot greenhouse cost $650 and will pay for itself in less than two years. She used recycled materials, inexpensive plastic glazing, and built the structure herself. According to a study done recently by Cornerstones School of Brunswick, Maine, and the North East Solar Energy Center of Cambridge, Mass., a typical middle-class homeowner, building with all new materials, should anticipate spending about $1,800. If a contractor builds the room, double the materials price—$3,600. Even at this price, such a greenhouse will pay for itself in about 6½ years (adding in a 12 percent increase for food and fuel annually), a remarkably low payback period for a solar investment. Even using the sunspace for heating alone—forget the vegetables—you'd pay less for this type of solar heating system than the active models with rooftop panels now popular in America.

Another reason that sunspaces are exciting is that in terms of energy they're a truly progressive idea. Aside from the fossil fuels saved directly in household heat, think of the energy saved in growing your own vegetables, tractor fuels to harvest your produce, truck fuels to transport them, fuels for petrochemicals such as cellophane.

Solar greenhouse in New Mexico faces east. The little room, above right, *traps enough sun to heat over half the house.*

Solar greenhouses also have a distinct charm. They can teach you, like a sailboat does, to respect and harness nature's power. Many solar greenhouse owners say that co-creating a special space along with nature is the greatest of human pleasures. That pleasure brings other pleasures, too, like the healthy, more humid air that circulates into the house.

Building a solar greenhouse

One fascinating principle governing solar greenhouses is that every item used must serve a purpose—if possible, two or three. Usually the purposes involve trapping, storing, or transporting heat. To trap as much sunlight as possible, a solar greenhouse must face within 30 degrees of due south. But don't be distressed if your house doesn't have an exterior wall that answers this description. You can build a greenhouse on a corner and two walls instead. If the south-facing area of your house is shaded, however, you may have to build an unattached greenhouse somewhere else on the property. Avoid this if you can—freestanding greenhouses are less energy efficient.

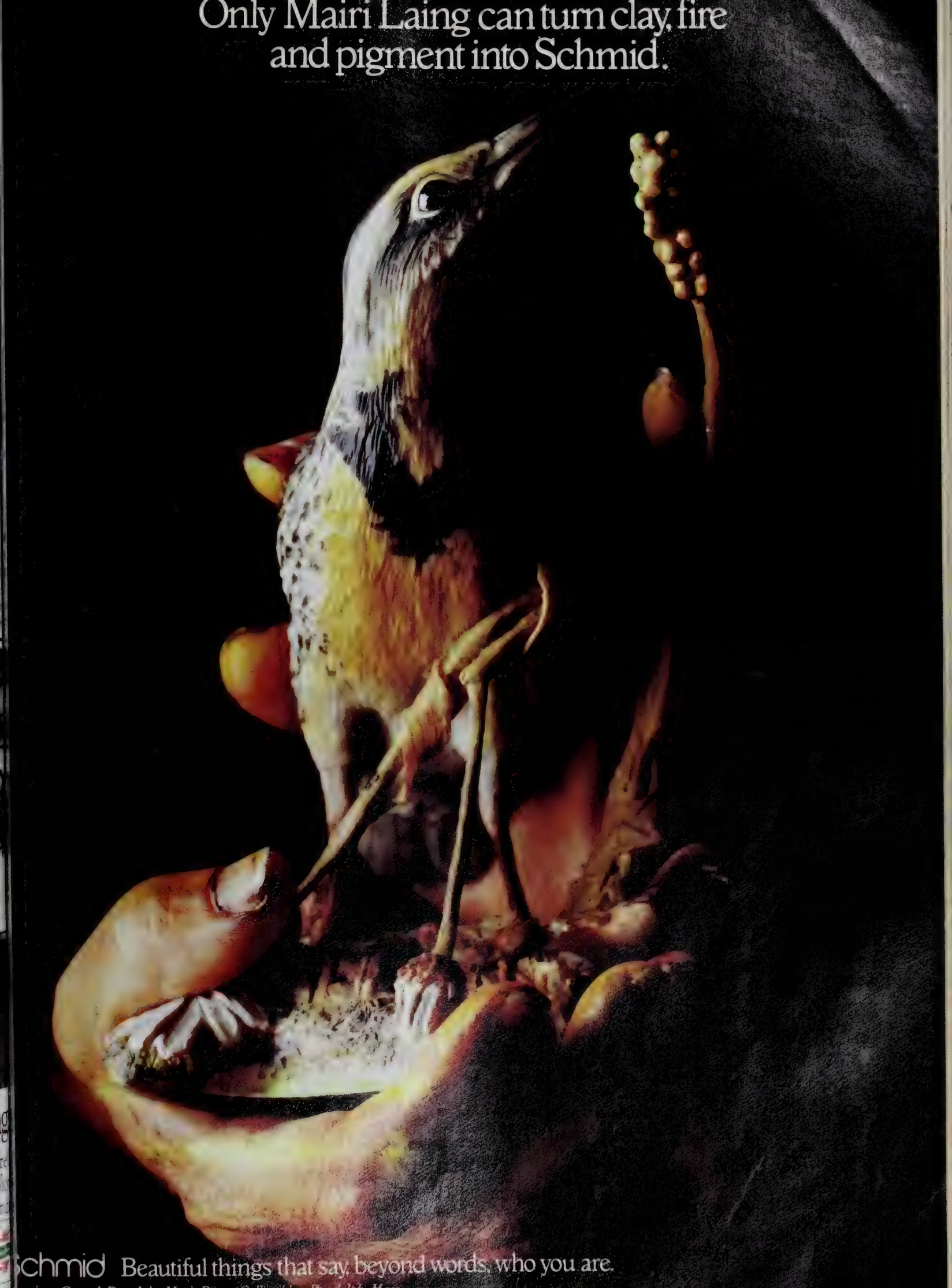
The glazing—glass or plastic that lets the sun shine in—is an important consideration. First, you want to confine it primarily to the southern wall (though limited glazing on the east and west walls is sometimes prescribed). Basically, all walls except the southern will be

Continued on page 66

As cooling costs go up, so will more Sunbrella® awnings.

That's because Sunbrella canvas fabric awnings can stop up to 77% of the sun's direct heat.* Which means people who install Sunbrella fabric awnings can enjoy lower air conditioning costs and cooler homes. And the way energy costs have been rising, that's good reason for everybody to install Sunbrella awnings. For information on styles and colors look up your dealer in the Yellow Pages under Awnings & Canopies. For a brochure, send 50¢ to Sunbrella, Glen Raven Mills, Inc., Glen Raven, N.C. 27215.

Only Mairi Laing can turn clay, fire and pigment into Schmid.



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Get new Butcher's Blend™ dog food

New Purina® Butcher's Blend™ has a variety of 3 meaty tastes in every bag:
Beef, liver and bacon.
3 different nuggets. 3 mouthwatering tastes.
Plus all the nutrition your dog needs.

For your pet's health, see your veterinarian regularly. ©Ralston Purina Company 1979

sun rays focused on plastic can shorten its life span.

Once you've captured sunlight, you'll have to store it for nighttime and sunless days. While the sun is out, materials you've purposely placed in your greenhouse like stone, water, and earth will absorb energy. (Material capable of absorbing heat is called thermal mass.) Most people build a masonry bottom to their sunspace, which doubles as a floor and energy storage. If the side of the house to which the greenhouse is attached is brick, stone, or adobe, it will double as a wall and storage place. A third popular storage medium is water stored in 55-gallon oil drums. The water is the thermal mass, and the drums act as plant stands.

The climate where you live, also the crops you choose to grow, will more or less determine the amount of thermal mass you'll need. But don't expect any calculations you make from the books to be perfect. You will have to experiment—which is all part of the adventure.

It almost goes without saying that a solar greenhouse must be thoroughly insulated—walls, ceiling, floor, foundations, and all—and tightly sealed at all joints. If not, the hard-earned heat you've stored will fly straight out through the greenhouse walls. In climates like the Northeast, the glazing must be covered at night. This can be done very inexpensively by tacking up pieces of rigid insulation, or by installing movable nighttime insulating shutters. They start at about $4 a square foot.

Excess heat, either direct from the sun or radiated from your thermal mass, will move into the house mainly by its own devices—through a door or window that joins the house and sunspace. Some greenhouse owners have found, however, that installing a small fan under the greenhouse roof where the heat collects moves more heat faster. In the hottest weather, obviously, you will not want extra heat in your sunspace. Hot air in this case is vented out of doors.

Continued on page 6

ENERGY UPDATE

continued from page 64

insulated and used to keep the heat in. Usually your glazed southern wall will be tilted, allowing maximum sun collection in winter and deflecting the fiercest summer rays. The other walls will be straight.

Your choice in glazing is between glass and a variety of plastics—fiberglass, poly-carbonates, acrylics, and polyethylene. Aesthetically, most people seem to prefer glass and appreciate its durability. One disadvantage, though, is its price—about $4 a square foot for double-paned insulated glass, which is the type you'll need for winter weather. Some sunspace aficionados say that glass is hard on plants, letting in too much sunshine. But if your main objective is to produce heat for your house, not to grow food, don't fear. Remember, though, when considering glass, that it's very vulnerable to breakage.

Plastics also have their pluses and minuses, but each of the four plastic families has ardent fans. On the plus side, almost all plastics, with the exception of polyethylene (a film used only in tandem with another plastic for greenhouses), can better withstand a battering. Prices depend on the plastic used. Some are more expensive than glass—others, a great deal less. A combination of fiberglass and polyethylene goes for a surprisingly low 85¢ a square foot. Most of the plastics are translucent rather than transparent, which is another advantage in that they diffuse light, giving your plants a more gentle sunbath.

As for disadvantages, some plastics like fiberglass aren't nearly so attractive as glass and have a shorter life span. One acrylic product, Acrylite SDP, appears to be every bit as good-looking as glass, though, and costs several dollars less. Aesthetics are a major consideration, because if you don't like the looks of your sunspace, you may neglect it. To avoid mistakes, ask to see samples of the appropriate plastics and learn about each material's special characteristics. Whichever you choose, make sure it's "UV resistant." Ultraviolet

Finally, here's a big, powerful food processor without a big price tag.

It's the incredible Le Chef Food Processor from Sunbeam.

I love to cook—whenever I can spare the time. But those recipes that call for half a day's worth of chopping, pureeing and slicing really used to intimidate me! Now, with my Le Chef, I can do those jobs in seconds. Really! And not just for entertaining, but for everyday dishes too.

What's so special about the Le Chef Food Processor? The motor is surprisingly quiet and powerful. Sunbeam calls it direct drive. I call it incredible. Le Chef easily kneads stiff yeast dough without stalling. And its super capacity container lets me prepare enough for a crowd, all at once. The Touch On/Touch Off pulse control makes for instantly regulated action, so I'm less likely to over-process foods by mistake. The Le Chef Food Processor comes with 4 processing blades and discs, for handling each job just right. The multi-purpose blade for minced onions or homemade hamburger, the shredding disc for cheddar cheese or cole slaw. The slicing disc turns out perfect, even slices of vegetables or sausage. I use the mixing blade for cake batter and desserts.

There's even a handy spatula and a complete 64-page recipe book included.

Le Chef, the amazing, indispensable food processor for everything from apple pancakes to zucchini. From my favorite appliance company. Who else but Sunbeam.

Sunbeam

Love their quality!
Shirley Jones

Sunbeam Appliance Company, a division of Sunbeam Corporation ®Sunbeam ™Le Chef ©Sunbeam Corporation, 1978

America, turn down your hot water heaters.

KITCHENAID INTRODUCES THE ONLY DISHWASHERS THAT CAN SAVE MONEY ON YOUR TOTAL HOT WATER BILL.

...and get your dishes cleaner than any other dishwasher can.

All dishwasher manufacturers say dishwashers should operate with water that's at least 140° hot.

To do this, until now, you've had to set your water heater at 140° or above which is, in most instances, higher than you need for any other hot water uses around the house.

temperature for proper washing and for sanitized rinsing.

You get energy-saving drying, too.

There's no heating element on during drying. A fan circulates the heat built up during washing and rinsing to gently, safely, and efficiently dry the dishes.

New triple protection warranty.

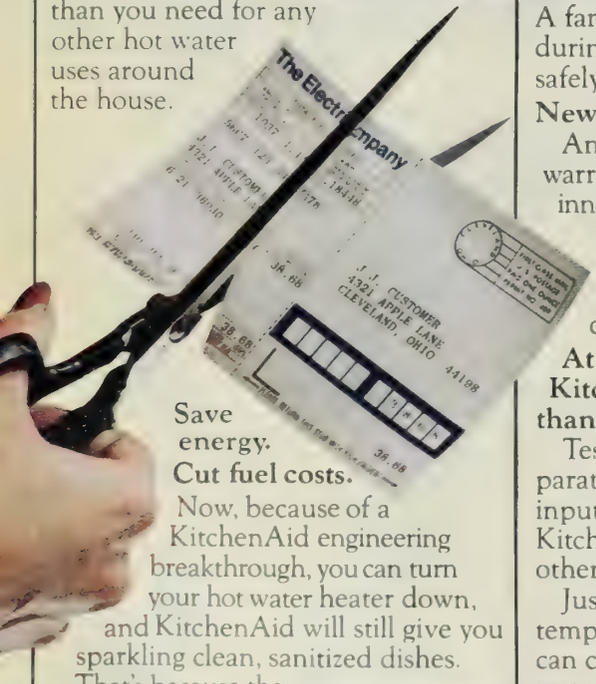
An all new 10-year limited warranty on the porcelain tank and inner door (parts only). Plus a 5-year limited warranty on the motor (parts only). And a full one-year warranty on the complete dishwasher.

At an energy-saving 120° KitchenAid gets dishes cleaner than other dishwashers.

Test results prove it. In comparative cleaning tests, using 120° input water, results showed that KitchenAid outcleaned the other leading brands.

Just by reducing the temperature 20° you can cut your total water heating costs by about 10%.

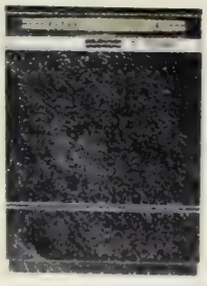
There has never been a better time for you to buy a KitchenAid.



Save energy. Cut fuel costs.

Now, because of a KitchenAid engineering breakthrough, you can turn your hot water heater down, and KitchenAid will still give you sparkling clean, sanitized dishes.

That's because the new KitchenAid dishwasher has a built-in, thermostatically controlled heating element that takes water from your tank, and heats it up to exactly the right



KitchenAid. Because it's worth it.

Hobart Corporation Troy Ohio 45374

ENERGY UPDATE

continued from page 66

Whether you build your solar greenhouse in Putney, Vt., Miami, Fla., or New York City, the principles of gathering, storing, and transporting heat will be the same. There will, however, be some variations on the theme. In very warm climates like Miami, it could cost up to 30 percent less than the national average to build a solar greenhouse. You'll need less insulation and foundation, and perhaps only a single layer of glazing. What, you might ask, would a Miami resident want with a heat-producing greenhouse? Traditional greenhouses almost always use some kind of fuel for heating and cooling. (Since there's so much glass, overheating is also a problem.) Anywhere sun power can substitute for fossil fuels, you'll save money. Also, the excess heat produced by the Miami solar greenhouse can be put to good use other than space heating. It can be used to set up air currents that will cool your house, or to preheat your domestic hot water. You could even warm a swimming pool.

If you live in a city, like New York, as opposed to the suburbs or countryside, plan on installing your solar greenhouse on the rooftop. The Energy Task Force in New York City has designed a terrific rooftop model for the Renegades, a nousing group in congested East Harlem. Built over two brownstones, this 450-square-foot sunspace will use its excess solar energy to heat the building's air and also for hot water. And look how the building reciprocates with a return favor: Waste heat from the boiler is vented up to the greenhouse, giving it some extra help in cold periods. The greenhouse will cost $11,473 and is expected to pay for itself in less than 7 years.

Says Henry Dearborn, one of the greenhouse's architects: "City dwellers who plan to build solar greenhouses should know about the additional costs. For instance, a structural support has to be built on the roof and also a system for ducting warm air downward into the building—the air won't go in that direction by itself. Remember, too, that all plans have to be approved by the building department. In New York City, the specifications say that no flammable materials like wood can be used for rooftop building. Despite the additional expenses for urban greenhouses, we at the Energy Task Force have found sunspaces the most cost-efficient energy-producing technology we've seen so far."

Growing inside a solar greenhouse

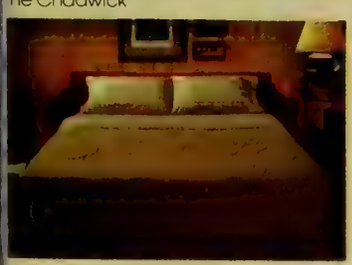
Growing plants indoors is clearly different from the backyard where Mother Nature takes care of the soil, temperature, and most other details. In a greenhouse, it's all up to you—and in a solar greenhouse you will have a special prob

Continued on page 7

What A Beautiful Place To Hide A Bed.

Surprised? Don't be. It's a Hide-A-Bed® Exclusively by Simmons. And Simmons is famous for hiding a bed with style. Simmons is also famous for comfort. Which is why Hide-A-Bed feels like a sofa should feel. Luxuriously rich and comfortable. And when it's a bed, it feels like a bed should feel. Because inside a Hide-A-Bed you'll find something you won't find in any other sofa bed. A Simmons mattress. You'll feel comfortable with your Hide-A-Bed for years to come, too, because it's backed by Simmons' reputation for high quality craftsmanship and construction. And that, perhaps, is the most comforting thought of all.

The Chadwick



Hide-A-Bed by SIMMONS

continued from page 68

lem to deal with: swings in temperature during the cold season. A well-designed sunspace should always stay 30 degrees higher than the temperature outdoors, but this means rather cold temperatures in the northern climates. One solution is to harvest only cold-weather plants like herbs and greens during the winter. But if growing orchids year-round is your passion, you may be forced to supplement your greenhouse with extra heat.

Shopping for a solar greenhouse

The first step toward owning a solar greenhouse is to read the literature. Many experts agree that the *Complete Greenhouse Book* by P. Clegg and D. Watkins (Garden Way Publishing Co., $8.95) and the *Food and Heat Producing Solar Greenhouse* by Rick Fisher and Bill Yanda (John Muir Publications, $6.50) are the places to start. The Cornerstone School sells a pamphlet (54 Cumberland St., Brunswick, Maine 04011, $1.50), and the National Solar Heating and Cooling Information Center has a solar greenhouse bibliography with at least 60 entries. It's free for a phone call: (800) 523-2929.

After reading the literature, the next step is to think carefully about whether the solar greenhouse is realistically suited to your personality. Clearly this is not a project where you can push a button and the machine will do the work for you. Also, are you willing to devote an hour a day to gardening? To attend to the special needs of a sunspace?

If the project feels right for you, the next step is to decide what type of plants you wish to grow and what building materials suit your aesthetics. Then design your own greenhouse as best you can.

There are several routes to the goal. First, the workshop approach. The solar greenhouse movement has sired a network of enthusiasts all over the country that conduct workshops year-round. Usually they take a weekend, cost zero to $50, and involve rolling up your sleeves and constructing a greenhouse in the field. For workshop locations in the Northeast, contact the North East Solar Energy Center, 70 Memorial Drive, Cambridge, Mass., 02142. In other parts of the country, call your local solar energy association. The best-known programs are sponsored by Domestic Technology Institute, Evergreen, Colo. 80439, the Solar Sustenance Team, Box 733, El Rito, N.Mex. 87530, and the Cornerstones School. Cornerstones offers a 1-week course for $150 per person.

If you haven't got time for a workshop, there are a number of good plans to study at home. The best greenhouse design is one that is culled from the best existing plans, and suits your needs exactly. For plans to peruse, try Parallax, Inc., Box 180, Hinesburg, Vt. 05461. For $9.95, Doug Taff, the executive vice-president and a known authority in the solar greenhouse field, will send you plans for the "solar room." It includes 18 pages (four of which are dialogue), and a materials list. After studying the plans, you can send Taff blueprints and photos of your house. For no extra fee, he'll send back a list of suggestions on the best sunspace for your site.

The Cornerstones School also sells plans, which include a four-page blueprint, materials list, and instructions for making your own insulated window shutters. If you ask, it will also send you suggestions on how to finance your project through the local bank. The National Center for Appropriate Technology has published its own how-to sunspace manual, including easy-to-follow designs.

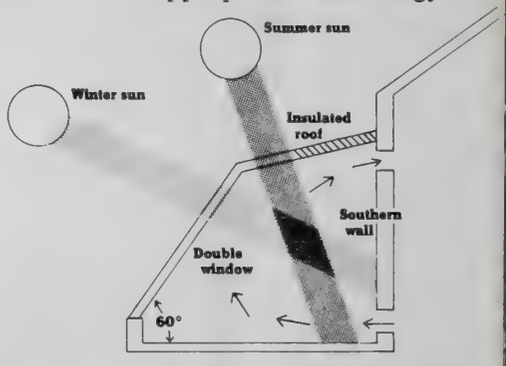


Diagram of a typical solar greenhouse

Lee Porter Butler, a San Francisco architect, has a super house plan that includes a solar greenhouse. In the Ekose'a houses he designs, the sun enters through a greenhouse where it warms air that rises to the ceiling and down the north side of the building through an air passage. Still continuing in the same passage, the warm air crosses under the house where the earth further heats it, then returns to the greenhouse. Air travels in this manner in a constantly moving circle, creating an envelope of warm air around the house. This simple and inexpensive design, says Butler, who is well respected in the field, will keep your house uniformly warm in winter. With some minor changes in air flow, it will also cool the house in summer—cutting annual fuel bills by a nifty 100 percent. For information, contact Ekose'a Homes, 573 Mission St., San Francisco, Calif. 94105.

Experts differ about the skills you should have before attempting to build a sunspace. Parallax's Doug Taff says only rudimentary carpentry skills are necessary. Leslie Davis (who teaches workshops with New Mexico's Solar Sustenance Team as well as having built her own greenhouse) agrees—though she says that working with glass is difficult for a beginner. Bob Vick from Colorado's Domestic Technology Institute says, "Make sure your craftsmanship is top quality." Despite the varying opinions, most solar greenhouses in this country were built by the owners. ■

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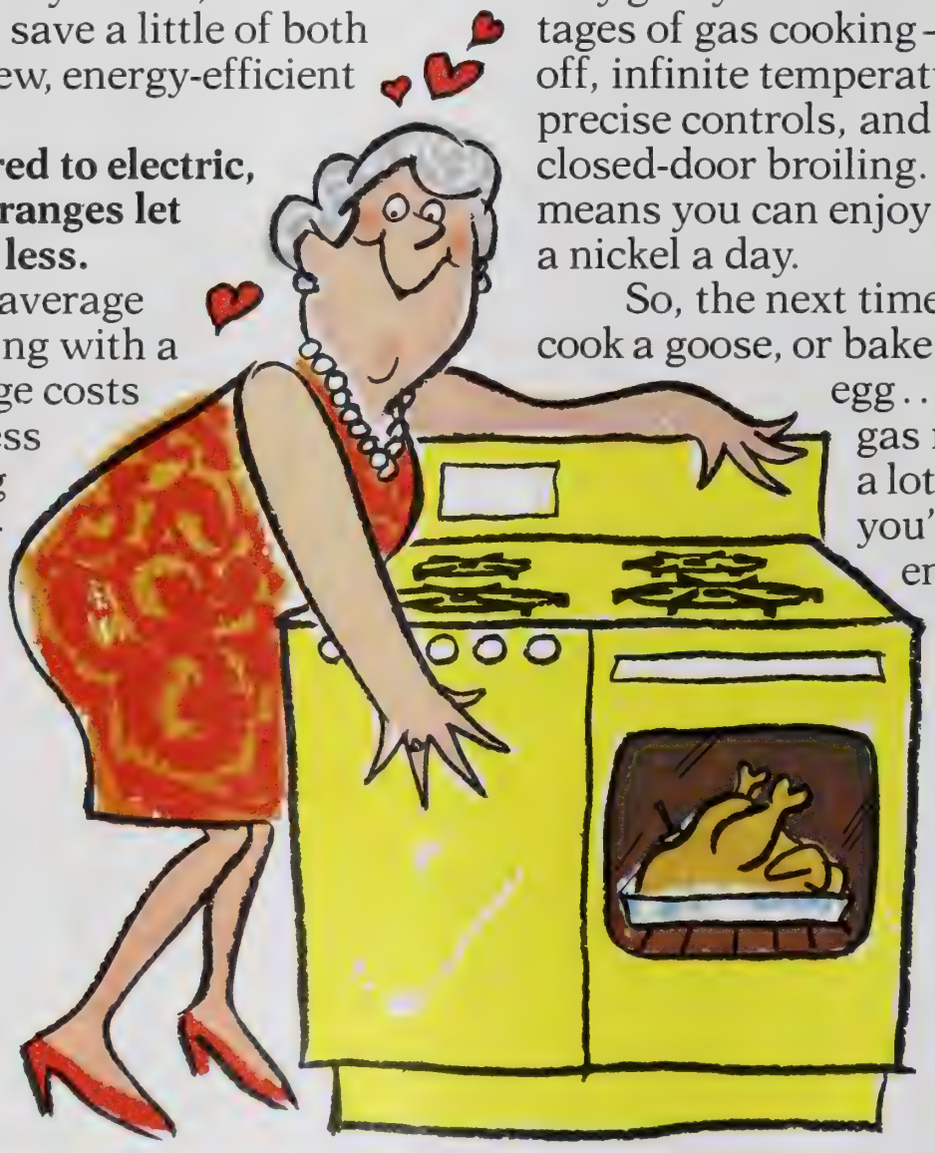
For the average family, cooking with a new gas range costs 45 percent less than cooking with an electric model.*



Today's gas ranges are equipped with energy-saving pilotless ignition. Plus, they give you all the traditional advantages of gas cooking—instant on and off, infinite temperature settings with precise controls, and smokeless, closed-door broiling. All of which means you can enjoy cooking for just a nickel a day.

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Gama

Gas Appliance Manufacturers Association

The new gas appliances are good for your economy.

*Comparisons are based on the average conditions specified in the Department of Energy test procedures.

How to thief-proof your car

BY RICHARD AND JEAN TAYLOR

Plus a lesson in how o wash your car

tealing cars is big business. If all the ne million cars stolen in 1979 were abbed by one giant corporation, this or-anization would have more cars than ıe Chrysler Corporation. Fortunately, ıost car thieves are rank amateurs who ın be easily discouraged. Here are eight ays to foil them.

Incredible as it may seem, 800,000 ars will be stolen this year because the oors were unlocked. And even worse, alf of those will have the keys in the ig-ition. Many insurance companies won't ay if your car is stolen with your own t of keys. Take the keys with you, roll ıe windows up tightly, and lock the oors.

Park in busy, well-lighted areas. hieves prefer to work alone in the dark.

Consider replacing mushroom-shaped oor-lock buttons with the tapered kind. hese only cost a few cents at auto-sup-y stores and are much more difficult r a thief to unlock.

Expensive wheels and tires are hot ems with "Midnight Auto Supply." or $15 you can buy a set of wheel cks. These replace the lug nuts that old the wheels on and can be removed ly with a special key. You can send to lcGard, 852 Kensington Ave., Buffalo, .Y. 14215, for a free catalogue.

A locking gas cap costs only a few llars at an auto-supply store. It won't op a car thief, but it will set a limit on e distance he can drive.

A clever and inexpensive defense ainst amateur car thieves is a switch at cuts out the electrical system when u're parked. All it takes is to install a ngle-pole, single-throw switch in an in-nspicuous spot that you can reach m the driver's seat. One side of the itch is connected to the *small* wire ich links the coil and the distributor ot the fat, primary lead—see diagram). ıe other side of the switch is grounded the engine or chassis. (Everything you ed—switch, wire, and snap connec-r—is available at the hardware store.)

Continued on next page

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CocoRibe's rum and coconut on the rocks
Splash CocoRibe® Liquéur over chunks of ice and you've got a frosty drink with the sun-drenched taste of coconuts and rum. For more before dinner, after-dinner, any time recipes, write CocoRibe, Suite 6000, 99 Park Ave., N.Y., N.Y. 10016.
CocoRibe Liqueur

continued from preceding page

In one switch position, the car operates normally. When the ignition is grounded, the engine can't start.

● If you're really serious, between $150 and $500 buys an alarm system. Most alarms have a switch on each door, the trunk and the hood, plus a mercury switch that can tell if your car is being moved. The alarm blows your car horn, activates a separate siren, or triggers a personal radio beeper like the ones doctors use. Another kind of alarm, the Condor/Alert, "hears" any sound in your parked car, even the sound of thieves using tools to open the doors. It then sets off any combination of alarms. Condor/Alert, 295 Mount Read Blvd., Rochester, N.Y. 14611. Other alarm manufacturers: Page Alert, 23900 Hawthorne Blvd., Torrance, Calif. 90505; Robert Bosch, 2800 South 25th St., Broadview, Ill. 60153; On Guard, 350 Gotham Pkwy., Carlstadt, N.J. 07072.

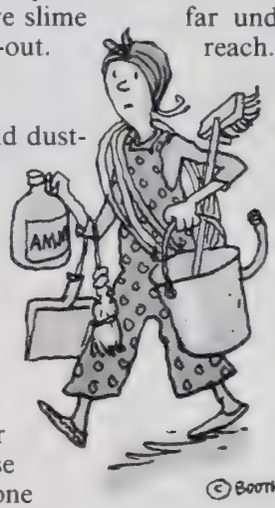
● Some cars are more popular with thieves than others. Corvette, Eldorado, Continental Mark V, Firebird, and Cadillac are very much in demand in foreign countries (many stolen cars are resold in South America and the Middle East), and yet not so unusual that a thief will have trouble finding a buyer on any street corner. Take precautions.

CAR CARE: SPRING CLEANING

Drive-through car washes are bad for your car, with their strong soaps, high water pressure, and scratchy brushes. The only way to keep your car clean and shiny is to wash and dry it by hand. The most crucial time is when the weather begins to turn warm in the spring. All the salt from winter roads coats your paint and chassis with a corrosive slime that is the principle cause of rust-out.

Equipment:

From the house: Whisk broom and dustpan or vacuum cleaner; ammonia window cleaner; paper towels; clean Turkish toweling (old bath towels are fine); bucketful of warm water; running water and a garden hose. *From the discount store:* Special car-washing soap; soft sponge or soft nylon brush made just for washing cars; special tar remover made for cars; liquid silicone-base car wax (make sure it says silicone on the label); special automotive-finish cleaner (only if paint is heavily oxidized or discolored); silicone-base protectorant spray (Armorall is the most common, but there are many others); small artist's brush. *From the car dealer or auto-supply store*: Small can of touch-up lacquer to match your car's paint (never use a spray can or an enamel paint).



Step 1: Rinse the car thoroughly, using water pressure from the hose to loosen dirt particles without scratching. Start at the top and work down, one side at a time—top, hood, trunk, then body sides and grille. Be sure to spray the wheels and tires, inside the wheel wells, and as far under the chassis as you can reach. Road salt collects underneath, so the body panels actually rust from the inside out.

Step 2: Using wet suds, gently scrub off surface dirt. Start at the top and work down, one side at a time. Leave the wheels and the lower edge of the body for last, or you'll pick up dirt on the brush. Rinse each side individually before the suds dry, then rinse the whole car once more after everything has been washed.

Step 3: Dry the car using soft towels. Start at the top, work down, one side at a time. Leave the wheels and lower edge of the body till last to avoid picking up dirt. Never use paper towels to dry the paint; they'll scratch the finish.

Continued on page 76

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YOU AND YOUR CAR

continued from page 74

Step 4: Use the tar remover and a corner of towel to clean off road tar, heavy dirt, insect stains, and similar detritus from grille, headlights, lower body panels.

Step 5: Shake the touch-up paint to mix it thoroughly, then use the artist's brush to fill in carefully any gravel nicks and parking scratches in the paint. Nicks tend to cluster behind the wheel wells, around the grille, along the edges of the doors and trunk, and around the gas filler. Don't use too much paint, and quickly wipe off any excess with a towel soaked in tar remover. If you make a mess, lacquer paint can be rubbed out when dry using automotive rubbing compound. Enamel can't be rubbed out.

Step 6: While the touch-up paint dries, wash the inside of the windows using household window cleaner and paper towels. The silicone protectorant spray can be used on every surface of your car's interior except fabric. Spray some on the dashboard, door panels, seats, and headliner, rubbing it out with a clean towel as you go. Silicone spray chemically bonds with all rubber and plastics to prevent oxidation. Use it on the rubber weather stripping around your doors and trunk and even on the sides of your tires. Don't use silicone spray on exterior paints. Whisk or vacuum your carpets, floor mats, and trunk.

Step 7: If the finish is heavily oxidized, use car-finish cleaner, let it dry, then wipe off. For most cars less than 5 years old, this won't be necessary. Apply liquid silicone wax to all the exterior paint and chrome. Start at the top and work down, one side at a time. Leave the wheels and lower edge of the body till last. Don't apply wax in the hot sun if it can be avoided; it may streak.

Step 8: Let the wax dry until you can easily wipe off a dry patch with one swipe of your finger without leaving a wet residue (usually about 30 minutes). Wipe off every bit of wax with a towel.

Why higher oil prices?

The average price of a gallon of unleaded gasoline is now over $1 in most parts of the country, and it's going up. Did you ever wonder who gets the money? Well, according to Shell Oil, it costs a major oil-producing country like Saudi Arabia less than 2 cents to pump a gallon of crude oil out of the desert. Shipping this oil to America, refining it into gasoline, and trucking it to your local gas station costs 11.8 cents. The oil company adds on 6.8 cents per gallon for advertising and another 3 cents for its profit. The owner of the gas station receives 12.8 cents to cover his own profit and overhead. Federal and state taxes add 19.6 cents to each gallon. All that adds up to 56 cents per gallon. The remaining 44 cents per gallon is the OPEC nation's profit on each of the billions of gallons of gasoline sold each day. ■

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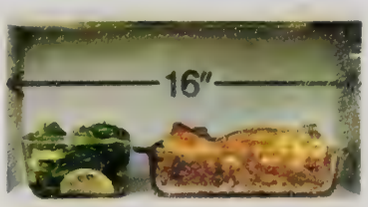

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GENERAL ELECTRIC

BY ALEXANDRA SEMMES LOWE

The squash syndrome

Everyone's going to court to play the oldest, newest, fastest game around

It's fast, frantic, and booming. And for anyone who likes a hard, quick workout, it is the answer to staying fit. What's the name of the game? Squash.

The sport of yesteryear is now the racquet sport of today. It's faster and easier to learn than tennis, takes more strategy than racquetball, and takes less time than either to play. Thirty minutes of squash is comparable to one hour of tennis. The cost of squash is equally attractive. You can play an exhilarating set in just half an hour for $5 to $9.

Five years ago there were only 200,000 squash players in the entire country; today the United States Squash Racquets Association (U.S.S.R.A.) reports that there are over half a million devotees—an increase of 150 percent. Businessmen, mothers, working women, children, and grandparents are discovering the perfect sport for busy lifestyles. Squash families are blossoming everywhere. One family from New York City, which is fast becoming the nation's squash capital, boasts seven players ranging in age from 57 to 13. Ever working mothers can fit squash into their busy schedules. A good game takes only a lunchtime. And as one enthusiast puts it, "It's a whole lot healthier than three martinis."

Squash promises exciting competition. But most notably it relieves stress and tension, and can improve your health. Any sport that will prevent the physical degeneration of your cardiovascular system is worthwhile. For a sport to accomplish this it (1) needs to be vigorous enough to develop the musculature and to increase the efficiency of your heart and lungs, and (2) needs to increase your heart rate and maintain that rate for at least a 10-minute period. Squash does just that. According to Washington, D.C., neurologist Dr. William R. Leahy, a squash player for over 10 years and general partner in the Washington Squash Racquets Club, squash puts tremendous stress on the entire cardiovascular system. As a result, it improves

Continued on page 8

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Put the world's most effective moisturizer to work for your dry skin. Keep it there with our help.

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Use it every day.

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INTRODUCING
IT GIVES YOUR DIE

If you're trying to lose weight these days, you're not alone. Over 40 million Americans went on a diet last year. The problem was they usually didn't stay on it.

Well now the makers of Contac® are introducing Dietac, a new line of diet aids —timed-release capsules, pre-meal drops and tablets—that help you control your appetite, so you can stick to your diet.

Clinically proven safe and effective.

If you've shied away from taking diet aids in the past, you'll be happy to learn about new Dietac. Its key ingredient is an appetite suppressant called phenylpropanolamine. This ingredient has been found safe and effective in years of clinical testing. And it recently received the endorsement of a U.S. Government Advisory Review Panel. What's more, you can purchase Dietac without a prescription.

12-hour timed-release capsule.

No one knows more about timed-release capsules than we do. We introduced Contac, the first 12-hour cold capsule, almost 20 years ago. Now all our experience and know-how have gone into our new 12-hour diet aid capsule.

One Dietac capsule after breakfast helps you control your appetite all day, so you don't feel as hungry. And you can say no to the things that make dieting so difficult —second helpings, between-meal snacks, tempting desserts.

Maximum-strength pre-meal drops or tablets.

If you prefer taking a diet aid before each meal, or want something that's caffeine-free, try Dietac maximum-strength pre-meal drops or tablets.

Just 5 drops in a hot or cold beverage, half an hour before each meal, help you feel less hungry. These drops are caffeine-free, so you can use them in such beverages as coffee, tea or cola.

Or take one Dietac tablet 30 minutes before each meal. It effectively helps curb your appetite, and makes it easier for you to eat sensibly and stick to your diet. Like the drops, the tablets are caffeine-free.

Dietac could help you change your eating habits.

In addition to helping you effectively stick to your diet, Dietac can help you develop more sensible eating habits. Like eating lighter. And avoiding the snacks, desserts and other things that made you go on a diet in the first place.

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continued from page 78

both aerobic and anaerobic performance. Aerobics is the expending of oxygen at a normal rate. Anaerobics is the expending of oxygen at a supranormal rate. Put simply, you are in an aerobic condition when you are engaged in an activity and can still talk; you are in an anaerobic condition if you can no longer talk.

The advantage of squash over many other sports is that it requires both sudden *and* rhythmic motion. The game demands quick bursts of energy for fast starts and stops, as well as overall endurance.

"The sport is absolutely good for all ages," says Dr. Leahy. "Although the average squash player is about 32 years old, I've even seen people in their 70s and 80s play. Of course they learn to play with less power and more finesse. But that's the beauty of the sport. Strategy is just as important as stamina."

If you are under 35, generally fit, and a participant in such sports as jogging or bicycling, you can take up squash right away. Children can take up squash just as easily. However, if you are over 35, Dr. Leahy advises that you first build up your aerobic functions (through distance running) and anaerobic functions (through short wind sprints). The joints, muscles, and ligaments are not ready for explosive, pivotal movement until they have been progressively conditioned. Dr. Leahy also warns glasses and contact lens wearers. People with glasses should wear prescription safety lenses, and those with contact lenses should wear protective contour shields.

Dr. Burton L. Berson, chief of the Mt. Sinai Sports Medicine Clinic, orthopedic surgeon, and professor of orthopedics, recently completed a study on squash injuries. He observed that in serious players (in this case 131 graded semipros), the most common disabling injuries were to the eyes, wrists, and knees. Apparently one of the dangers to weekend players is the novice on the court. Beginners who haven't had formal lessons tend to swing wide. Instead of hitting the ball, they hit fellow players. In all, though, Dr. Berson believes that squash is a safe sport and a good outlet for pent-up energy. He's an avid player himself.

When you first walk onto a squash court and shut the door behind you, you've walked into a white box. Silent. Glaring. An arctic experiment. But the action starts fast. You slam the ball—Thwoick! Growling, grunting, groaning for a point—Thwoick/Thwoick!—you barely have time for the next shot. Your heart pounds . . . your body glistens . . . within 10 minutes you're pushing to your limit.

A cross between tennis and racquetball, squash is played in a four-walled court 18½ feet wide by 32 feet long. (Outside the U.S., the courts are wider and the ball softer.) Players play side by side with long-stemmed racquets that resemble sturdy badminton racquets. The object of the game: Drive the hard rubber ball (about the size of a golf ball) against the front wall, and by preventing your opponent from returning it in one bounce, score a point. In play, the ball can hit any combination of walls before it strikes "the good area" of the front wall, as long as it doesn't hit the floor first.

Before the U.S.S.R.A. introduced the slightly softer and slower 70+ ball in 1977, hitting a squash ball required the reflexes of a jai alai player. A ball could bounce off a racquet at 120 mph. The bouncier 70+ has helped popularize the game, making it easier for beginners. With no net and so much good area to hit into, keeping the ball in play is easier than in tennis or even paddle tennis. Squash is compressed action. No matter where you hit the ball it bounces back to the middle of the court. Reasonably good tennis players can compete in C-level competition within a month.

Enthusiasts claim that squash is to racquetball what chess is to checkers. In the higher levels of the game, the object is to play the angles of the four walls according to your opponent's position—a sort of high-powered billiards game. The angle possibilities are infinite. Serious players often spend hours practicing alone on a single shot. The

game is intense, so intense that unless your opponent looks out for you, you can get stung by a speeding ball or smacked by a racquet. Fortunately, squash's British heritage calls for politeness. A fellow player's welfare is more important than a point. Another part of this tradition is the let rule. If you can't reach the ball because you're blocked by your opponent, you can call a let. You get to replay the point whether or not your opponent agrees with you. On the squash court tantrums are just not considered cricket.

Like the finest of British nobility, however, squash's heritage is not entirely untainted. Legend has it that the sport originated in less than elegant circumstances. The game first appeared in English jails at the beginning of the 19th century, when bored inmates of a London debtor's prison began banging a roughly fashioned ball against the jail walls. A game called hard racquets evolved. It was picked up at a public (private) school called Harrow, where the game grew so popular, students found it difficult to get free time on the one court. While waiting their turn, players began hitting a softer ball against the outside walls. The result: a game called squash racquets. First introduced to the States in 1882 at St. Paul's School in New Hampshire, squash was until recently found only in prep schools, universities, and private clubs. Today

Continued on next page

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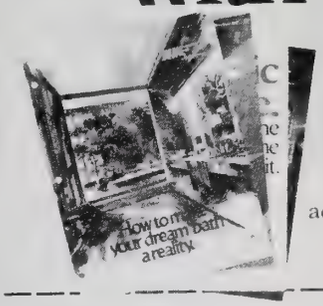

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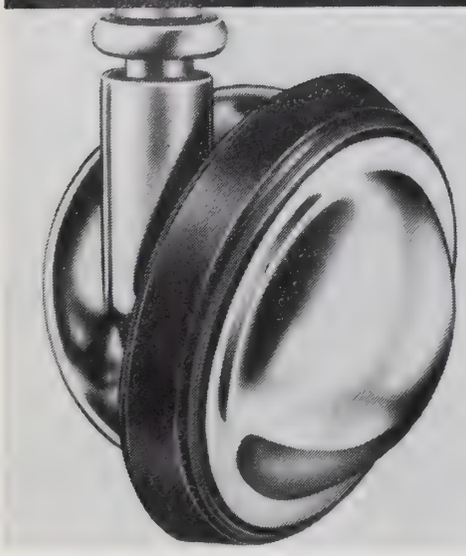

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American Diabetes Association.

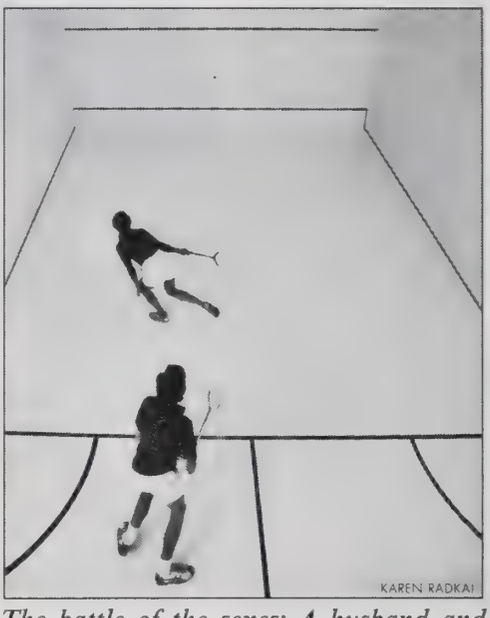
continued from page 83

commercial squash centers are appearing everywhere. Courts have popped up in Cleveland, Seattle, Santa Fe, Dallas, Los Angeles, and Ft. Lauderdale, as well as in Boston, Philadelphia, New York City, Richmond, and Washington, D.C. There's even a squash club in Anchorage, Alaska. Altogether the U.S.S.R.A. claims that there are more than 3,500 squash courts around the country. Since 1970 the number has doubled.

One of the main reasons for the squash boom, according to Darwin P. Kingsley, president of the U.S.S.R.A., is the Ivy League schools going coed. Women are attending schools where squash has been played for over half a century. When they graduate, they form a ready-made market. The growing popularity of the game has put pressure on the men's clubs to open their facilities to women, who now account for 40 percent of the new membership in squash clubs throughout the U.S.

The United States is one of the last areas in the world with a British legacy to adopt squash. In Canada, where the game is federally financed, squash is ranked as a national sport second only to hockey. In Australia and the United Kingdom, it is overtaking tennis in popularity. (Surveys in the U.K. reveal that one out of every four mature males plays squash at least once a week.) Squash is also played in Egypt, India, and Pakistan. Latin American nations are also growing fond of the game. In Mexico City there are over 800 squash courts.

Squash even has superstars. Australian Heather McKay (pronounced McKeye) is considered the world's best woman squash athlete. At 37 years old, she has lost only two matches during her entire 20 years of squash competition. The male superstars of squash are all Pakistani, and all from the same family—the Kahn family. Sharif Kahn, a 33-year-old pro in Toronto, Canada, is the number-one player in North America. The most legendary of the Kahns, however, is the oldest. Hashim Kahn consistently won the British Open until he was 40, then came to this country where he consistently won the North American Open until he was 48. Now at 64, he is a pro in Denver, Colo. His shrewd strategy can still intimidate some of the best.



The battle of the sexes: A husband and wife team play 3 sets a day on their own court built in the basement of their house.

The fledgling squash pro tour now includes 20 tournaments, the biggest purse being $12,500. The only obstacle to squash's growing popularity is the difficulty of good television coverage. A match of five sets only takes about 75 minutes to play, but the speedy, compact action of this sport is almost impossible for a TV camera to follow. It's thrilling to watch the kill shots in a match, but squash is really not meant for spectators. Squash is for players.

Where to play

(Commercial squash clubs around the United States.)

Northeast

Newport Squash Racquets Club, 8 Freebody St., Newport, R.I. 02840. (401) 846-1011.

Southport Squash Club, 226 Old Post Road, Southport, Conn. 06490. (203) 259-0882.

Uptown Racquet Club, 151 East 86th St., New York, N.Y. 10028. (212) 860-8630.

Manhattan Squash Club, 41 West 42nd St., New York, N.Y. 10036. (212) 869-8969.

Squash Con, 625 Cassatt Road, Berwyn, Pa. 19312. (215) 647-6375.

Southeast

Capitol Hill Squash Club, 2nd and D streets S.W., Washington, D.C. 20024. (202) 347-1698.

Washington Squash Racquets Club, 1 Lafayette Center, 1120 20th St. N.W., Washington, D.C. 20036. (202) 659-9570.

Regency Racquet Club, 1800 Old Meadow Road, McLean, Va. 22102. (703) 790-5292.

Midwest

Thirteenth Street Racquet Club, 190 East 13th St., Cleveland, Ohio 45210. (216) 696-1144.

Carmel Racquet Club, 225 East Carmel Drive, Carmel, Ind. 46032. (317) 844-1177.

The Courts, 6300 North Santa Fe, Oklahoma City, Okla. 73118. (405) 848-8896.

Inwood Racquet Club, 14800 Inwood Road, Dallas, Tex. 75240. (214) 233-9131.

West

Tennis World, 7245 West Marginal Way, Seattle, Wash. 98106. (206) 767-4400.

Peninsula Squash Club, 1001 East 3rd Ave., San Mateo, Calif. 94401. (415) 343-5002. ■

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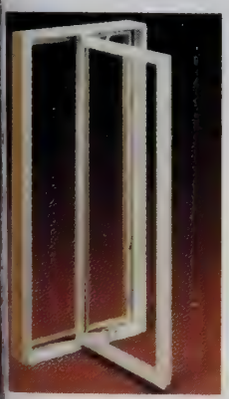

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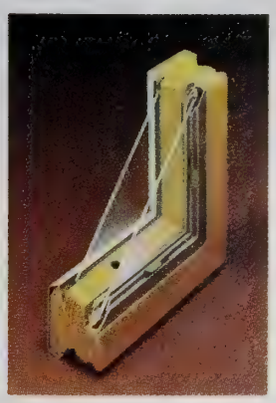

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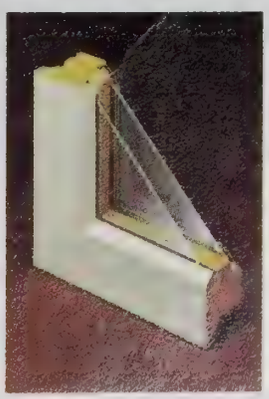

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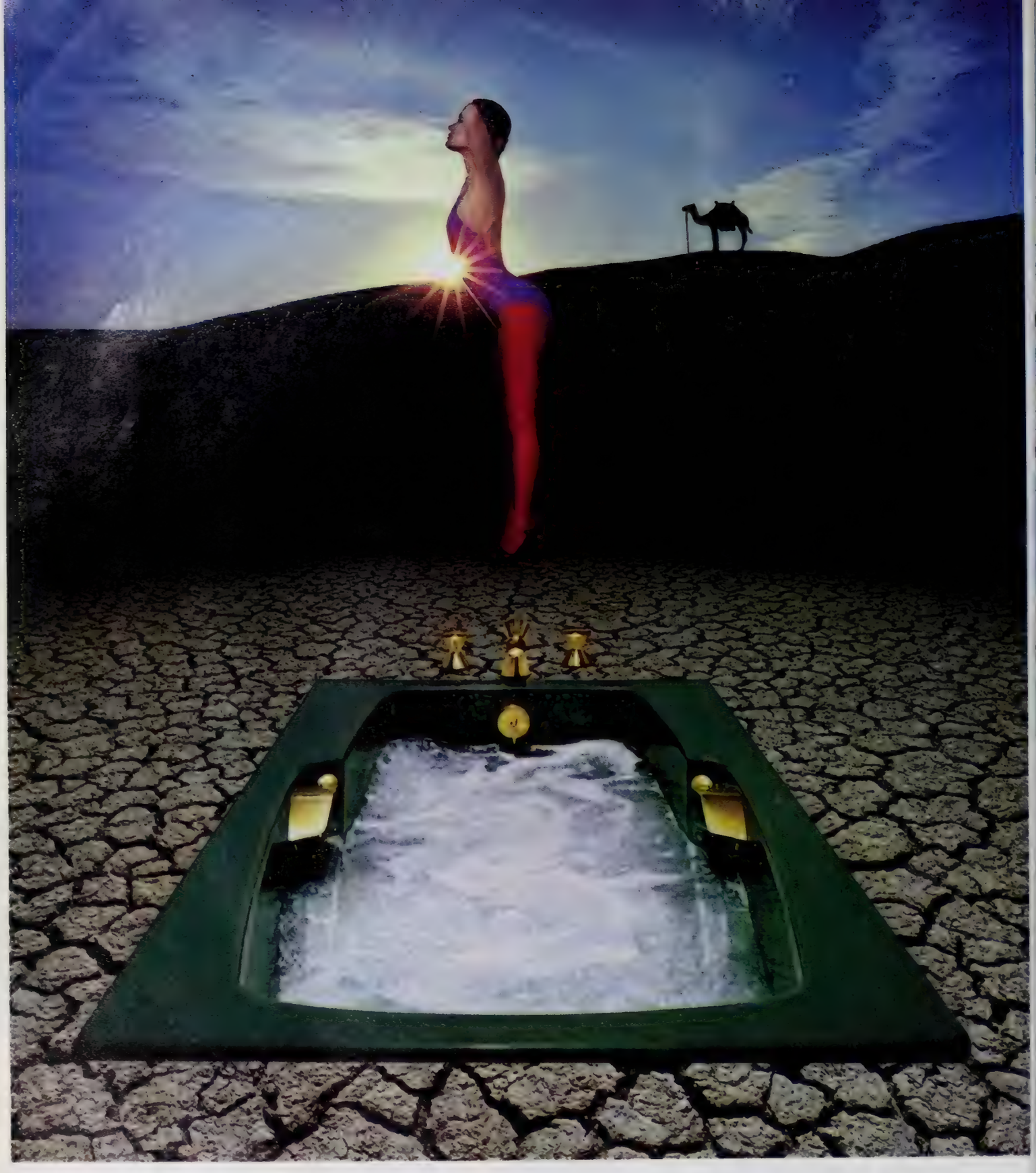

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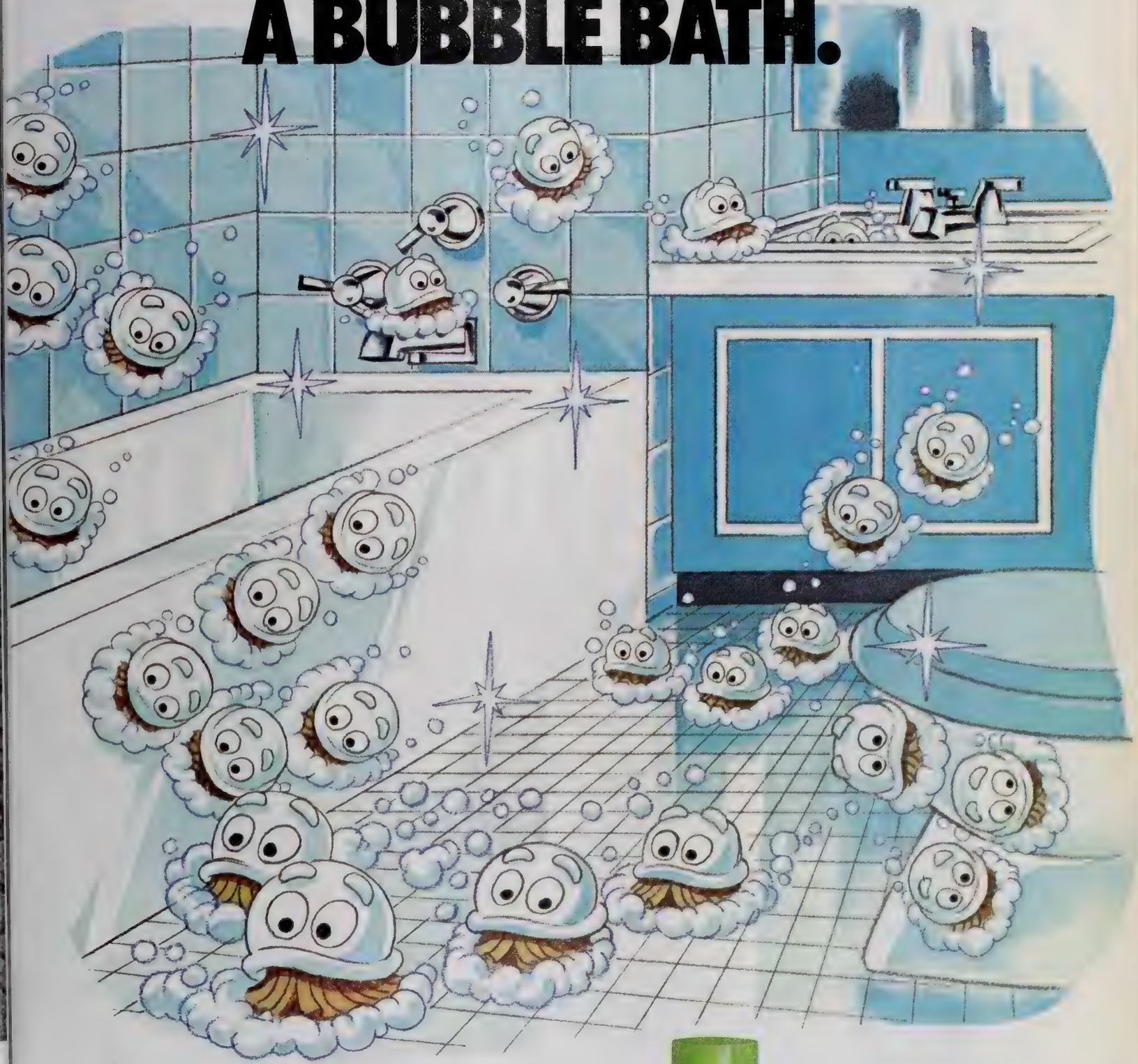

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Spinach casserole

From Denise Dreszman at The New Age Health Farm, Neversink, N.Y.

INGREDIENTS

5 eggs
3 cups ricotta cheese
5 cups Cheddar and Swiss cheeses, grated, mixed
1 pint heavy cream
3 tablespoons whole-wheat flour
1 tablespoon salt
1 teaspoon black pepper, coarsely ground
Dash nutmeg
2 pounds fresh spinach, washed and stripped of stems (pieces should be small)
6 tablespoons wheat germ
¼ pound butter, melted

METHOD

☐ Put the eggs, ricotta cheese, 3 cups of the grated cheese, ½ pint of the cream, flour, and spices in a food processor and blend together until smooth. Pour the blended mixture over the spinach in a large bowl and literally knead it until the spinach shrinks to about ⅔ its original size. Pack the spinach into 6 small greased ramekins. Pour the remaining ½ pint cream over the tops, sprinkle with wheat germ mixed with the remaining grated cheese, then with the melted butter. Bake in a preheated 375° oven 20 minutes. Serves 6.

Bent fish

INGREDIENTS

2 large bunches celery
2 large yellow onions, peeled and thickly sliced
2–3 peppercorns
Several sprigs parsley
1 bay leaf
1 whole salmon or rockfish, at least 24 inches long
2 lemons, thinly sliced
About 6 cups fish stock
Chaud-froid sauce (Mrs. Griswold uses the recipe in Mastering the Art of French Cooking *by Simone Beck, Louisette Bertholle, and Julia Child)*

METHOD

☐ Arrange the celery stalks diagonally across the bottom of a 16-inch-long enamel roasting pan and strew the onions on top. Add peppercorns, parsley, and bay leaf. Lay 1 48-inch piece of cheesecloth over the celery with the ends hanging out. Put the fish on its belly on the cloth, bend the tail to make the fish fit the pan, and cover with the lemon slices. Wrap the fish tightly in the cheesecloth and slowly pour in the stock, making sure to drench the cheesecloth. Cover the pan, place on top of the stove, and bring the liquid to a boil. Reduce the heat immediately to maintain a slow simmer and cook 8 minutes per pound. Cool the fish enough to handle easily, then lift gently out of the pan, put on a serving platter, and slide the cheesecloth out from underneath. The fish will stay bent and look as though it were swimming. Skin and remove fins. Put the fish in the freezer to chill while you make the chaud-froid sauce. When you are ready, glaze fish with sauce and decorate with green and red peppers, pimientos, olives, or any garnish.

Tomatoes stuffed with asparagus

INGREDIENTS

7 tomatoes
Salt
5 pounds asparagus
1 cup mayonnaise, preferably homemade Vinaigrette dressing

METHOD

☐ Core the tomatoes and remove the pulp. Slice a very small piece off the bottoms so they will stand upright. Salt them lightly inside and turn upside down on paper towels to drain thoroughly.

Continued on next page

Quick party menus with a twist from working mother Mac Griswold. For more about them, see page 180

Spring Sunday lunch for six
Spinach casserole
Bent fish
Tomatoes stuffed with asparagus
Muscadet de Sèvre et Maine
Tangerine soufflé with Mandarine sauce
Espresso and tisane
Barsac

After-work dinner for four
Spring shrimp soup
Boston chops with green butter
Baby buttercrunch salad
Tea ice cream with praline
Espresso and Sambuca Romana

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Henredon

continued from preceding page

☐ Trim asparagus to about 4 inches (save trimmings to make soup). Steam tips until crisp-tender. Do not overcook. Cool.
☐ Place a spoonful of mayonnaise in the bottom of each tomato, stuff tightly with asparagus, and glaze the tops with vinaigrette just before serving.

Tangerine soufflé

INGREDIENTS

1 8-ounce package cream cheese
4 egg yolks
Juice and grated zest of 2 tangerines
½ cup sugar
2 ounces Mandarine Napoléon Grand Liqueur Imperiale
8 egg whites
Pinch salt
Pinch cream of tartar
Mandarine sauce (recipe below)

METHOD

☐ Blend together cream cheese, egg yolks, tangerine juice and zest, sugar, and liqueur in a food processor or blender. Beat the egg whites with salt and cream of tartar until stiff but not dry. Blend a large scoop of the beaten whites thoroughly into the mixture in the food processor, then pour the cream cheese mixture slowly down the side of the egg white bowl. Fold the whites gently into the cream cheese mixture with a rubber spatula. Streaks don't matter. Pour into a 5-cup soufflé dish with a 4-inch triple-thick aluminum foil collar (both should be buttered and sugared)—mixture should come almost up to the rim. Bake in a preheated 350° oven 25 minutes. Carefully remove the collar and serve at once with cold Mandarine sauce.
☐ Note: This soufflé can also be made with chocolate, spinach, or cheese.
Chocolate: Melt 3 ounces butter with 5 ounces bitter chocolate and add to the egg yolks, cream cheese, and sugar in place of the tangerine juice, zest, and Mandarine liqueur. Add 4 ounces Kahlúa or coffee and 1 teaspoon vanilla.
Cheese: Omit sugar as well and substitute 2 cups grated Cheddar, Gruyère, or Emmenthaler cheese and ⅛ teaspoon cayenne. Dust buttered soufflé dish and collar with grated Parmesan.
Spinach: Follow same procedure as for cheese soufflé, substituting 2 cups cooked spinach for the cheese. A few ounces Roquefort cheese are a welcome addition.

Mandarine sauce

INGREDIENTS

5 egg yolks
¼ cup sugar
½ cup Mandarine liqueur
1 cup heavy cream

METHOD

☐ Beat egg yolks and sugar in the top of a double boiler over boiling water until thick and lemon yellow. Remove from heat, stir in half the Mandarine, let cool, and refrigerate. Beat the cream in a chilled bowl until just thick. Fold the cream into the chilled sauce and stir in the remaining Mandarine. Serve at once. Makes enough for 6 servings of soufflé.

Spring shrimp soup

INGREDIENTS

4 cups fish stock or 2 cups clam juice and 2 cups chicken stock
½ teaspoon dried dill or 1 tablespoon fresh dill, chopped
1 cup fresh shrimp, unpeeled
6 small green onions, chopped (include some of the green tops)
1 package frozen snow pea pods
1 small can water chestnuts, drained and thinly sliced
1 small handful parsley, chopped fine
1 tablespoon Pernod
1 cup heavy cream or yogurt
2 egg yolks
Salt, pepper

METHOD

☐ Bring the stock to a boil with the dill in a large pot and drop in the shrimp. Bring back to a boil and remove from heat. Let the shrimp rest in the stock while you continue with the rest of the soup.
☐ Ladle about ½ cup of stock into a large saucepan and add the onions. Cook a few minutes, then add the peapods and water chestnuts and cover. Cook several minutes more. Add the parsley and Pernod. Remove from heat while you peel the shrimp. When you are ready to serve, add shrimp to the vegetables and reheat slowly if necessary.
☐ Reheat stock if necessary to just under a simmer. Beat the eggs and cream together, spoon a little hot stock into the mixture, then whisk the eggs into the stock. Return pan to low heat and whisk vigorously until mixture thickens. Season to taste. Arrange the shrimp, peapods, water chestnuts, etc. in the bottom of 4 heated shallow soup plates and pour the soup over them. Serve at once. Serves 4.

Boston chops

INGREDIENTS

4 double-rib lamb chops, boned
4 lamb kidneys or sausage (see note below)
4 strips bacon
Rosemary
Black pepper, coarsely ground
Herb butter (recipe page 92)

METHOD

☐ Place a lamb kidney next to the eye o each chop and fold the boned rib mea around it. Wrap the chop with bacon an tie with string. Sprinkle with rosemary an black pepper and grill under a hot flam about 10 minutes per side. Garnish wit mint and kumquats if desired and top wit a pat of herb butter.

Continued on page 9

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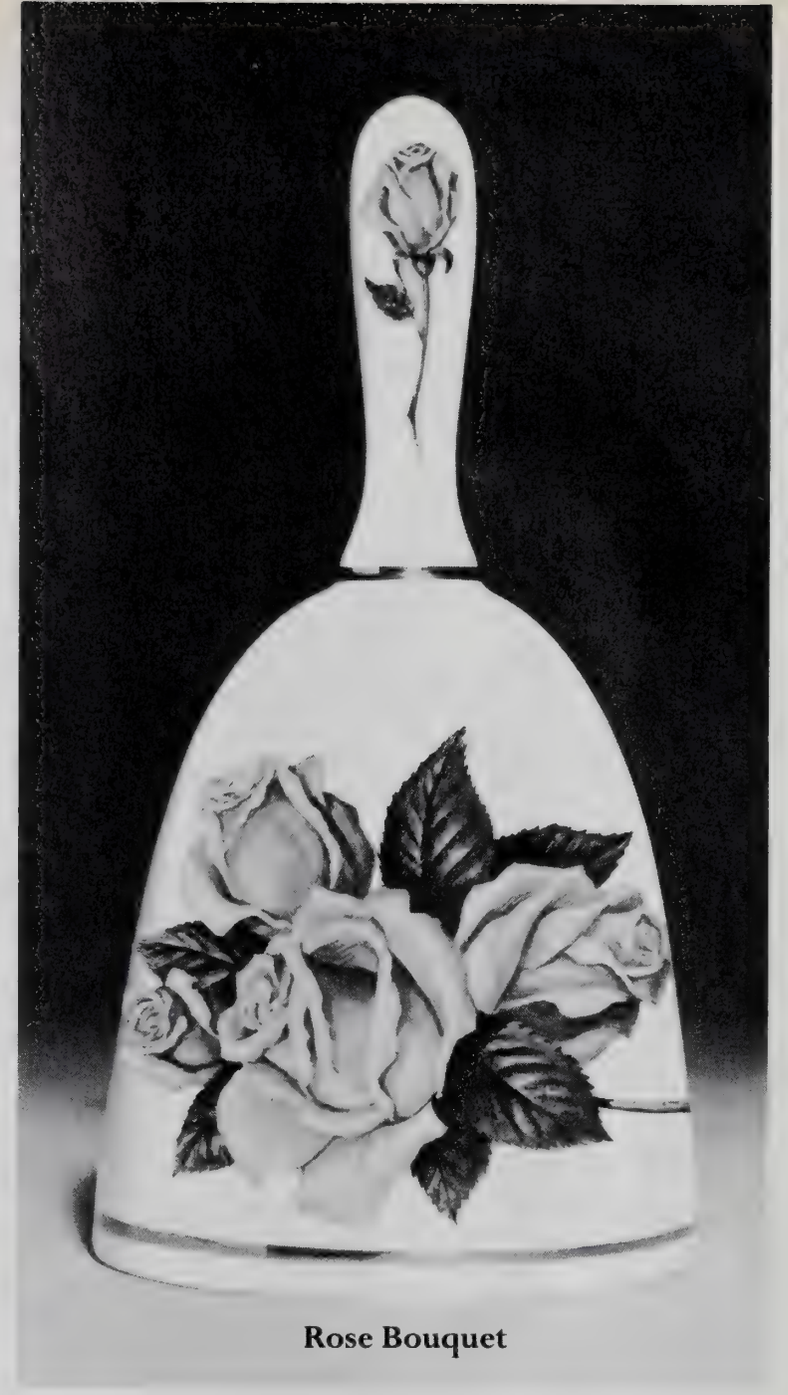

Rose Bouquet

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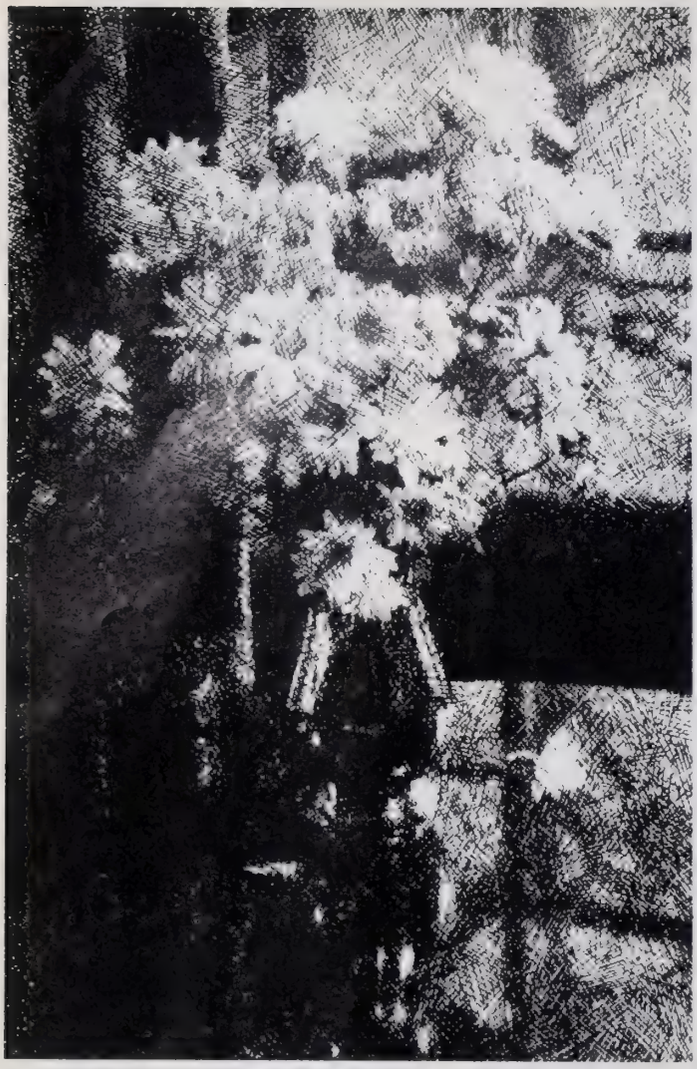

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MEALS WITH BEAUTY

continued from page 90

Note: If kidneys are not available, substitute a nut of well-seasoned sausage meat. Mrs. Griswold prefers this recipe: 1 pound veal, ground; 1 egg; 2 cloves garlic, crushed; juice of 1 lemon; dash cayenne; salt and pepper to taste. Mix all together, form into a roll, and bake on an ungreased baking sheet in a preheated 350° oven until hard. Let cool, then slice and use in the middle of the chops instead of kidneys.

Herb butter

INGREDIENTS

1 large handful parsley
1 large handful chives
1 teaspoon rosemary
4 garlic cloves
¼ pound salted butter
1 generous dash cayenne
Salt or 1 teaspoon Vogue Vegebase (available at health food stores)

METHOD

☐ Chop the parsley, chives, and rosemary in a food processor. Press the garlic cloves and add to the processor. Add the butter, cayenne, and salt to taste or vegebase and process until very smooth and soft. Place butter on a piece of waxed paper, chill 30 minutes, then mold into a log—leave the paper on for easy handling. Score the log with a knife, then slice just before serving. Butter can be made ahead and frozen.

Rosie Tinne's tea ice cream

From *Irish Countryhouse Cooking* by Rosie Tinne

INGREDIENTS

4 egg yolks
4 ounces sugar
1 pint heavy cream
¼ pint very strong cold Chinese green tea (Mrs. Griswold uses Twinings Gunpowder Green tea)
Praline (recipe below)

METHOD

☐ Beat the egg yolks in a bowl with the sugar. Scald the cream in a saucepan over low heat. Remove from heat, stir in tea and the egg yolk mixture. Cook over very low heat until the mixture begins to thicken. Sieve the mixture, then freeze, stirring once as it freezes. The ice cream tastes best soft, lavishly sprinkled with praline.

Praline

INGREDIENTS

½ cup granulated sugar
2 tablespoons water
½ cup slivered almonds, toasted (place in a 350° oven about 10 minutes)

METHOD

☐ Boil sugar and water in saucepan until sugar turns a very pale brown. Add almonds, bring just to a boil, pour onto oiled baking sheet. When cold, after about 10 minutes, break up, grind in food processor to a fine powder. ■

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Brighten the corner where you are

BY FRANCES PHILLIPS

With paint, with wallpaper, and these tips from decorators across the country, you can do the job yourself

f you've got the urge to paint that wall, aper that ceiling, or give any space in our house a new look, you are not lone. According to the National Deco- ating Products Association, a group hat represents retailers and manufactur- rs in the decorative products industry, l percent of all painting and 72 percent f all paper hanging are done by the do- -yourselfer. To help you choose what's ght for your rooms, we asked decora- ors and designers across the country for leas and tips.

nn Dupuy & Ann Holden, New Orleans
or the warmer climates, we prefer mut- d tones—desert colors of henna, raisin, unmetal, seal point, and rye. They are ore calming than the so-called "cool" olors.

For interiors, pinky beiges and laven- ers are most flattering to people. If you ave antique furniture, reds, roses, and inks complement the wood colors.

In a large room with a high ceiling, aint the woodwork and moldings the me color as the walls for a cozy feel- g.

If your walls are not in good shape but ou like the look of deep colors with a gh gloss, a strié effect will help to min- ize the flaws.

To add a warm welcoming feeling in e entrance hall of an old Victorian ouse, we painted the walls, woodwork, d bookcases a semigloss raisin and the ve ceiling a dusty pink.

For exteriors we like to use cooler col- s, but not primaries or brights. Most cently we used a wonderful seafoam een, which works well with henna, rai- n, and desert-pink interior colors.

.R. Durenberger, Orange County, Calif.
you collect fine antiques, Oriental gs, or antique fabrics, let the woods d old hues make the color statement. Keep the background neutral with paint, paneling, or one small-patterned fabric repeated several times.

Rona Levine, Great Neck, N.Y.
Turn a plain room into something special. Add crown and baseboard moldings. Lacquer the walls a mottled burgundy. Paint the moldings with a faux marble finish, using a peachy/beige base with a burgundy marble pattern.

I like grayed tones—mushrooms with accents of fuchsia and purple. You can always add color accents with fresh cut flowers.

To create an inexpensive flooring alternative in a dining room, bleach the floors to the natural wood color and stencil an area rug onto the floor. Protect the design with several coats of polyurethane.

Maxine Smith and Celia Cleary for P'ZAZZ, Los Angeles
Soften the look of an all-white room and add a touch of flattery by putting a tinge of pink in the white paint.

Bigger is not necessarily better. In a small, boxy dining room, shirr fabric on the walls and tent the ceiling for an intimate dining atmosphere.

If you are uncomfortable with bright colors, choose a color from a fabric or rug in your room and add a tinge of it to white for just a hint of color and softness.

Richard Fitz Gerald, Boston
Give a custom look to a stock builder's mantel with a handpainted finish—a faux woodgrain or marble pattern.

Dark colors—bottle green, navy, and dark brown—can make a small room look larger. The furniture seems to melt into the walls and gives the appearance of more space.

Add a custom-built look to a library or den wall with bookcases from an unfinished-furniture store. Stack them, bolt together, and paint a glossy white. If you move, they can be taken apart and transported easily.

For a lacquered look without the painstaking job of lacquering, paint your walls, then add a coat of polyurethane. But be sure the walls are in good shape, as the glossy finish will show all imperfections.

To add character and to open up a small space, mirror the wall underneath the staircase in a hallway or foyer.

Continued on next page

Oleg Cassini
believes your walls deserve to be covered with his signed originals from Birge.

Now Birge has three new wallcovering collections to make any room more fashionable.

Imagine having the signed originals of an internationally famous fashion designer on your walls. Birge makes it possible with its new Oleg Cassini Collection. There are a total of 130 styles to choose from—mini-prints, florals, stripes, oriental and jungle patterns. They're pre-pasted, scrubbable and strippable for practicality. And to complete your decorating without breaking your budget there are companion fabrics available, too.

But that's not all Birge has to make your home more beautiful this year. You can also choose exciting designs from two other new collections of wallcoverings. Lovers of Americana will want to march home with Birge's authentic, documented Colonial Collection designs. And for purists decorating in the classic manner, there's a tremendous new Traditional Mini-Print Collection. Be sure to see them all. They make great backgrounds for living

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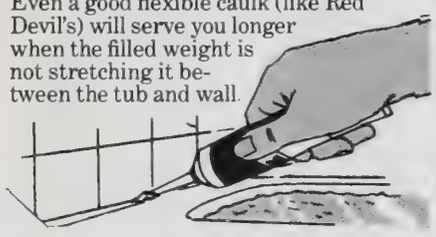
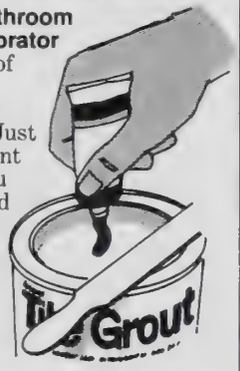
HOW TO

Caulk a tub the sure way. First, fill the tub with water and get in it, if you can. Then apply caulk. When tub is empty, it'll rise slightly and squeeze the caulk. Even a good flexible caulk (like Red Devil's) will serve you longer when the filled weight is not stretching it between the tub and wall.



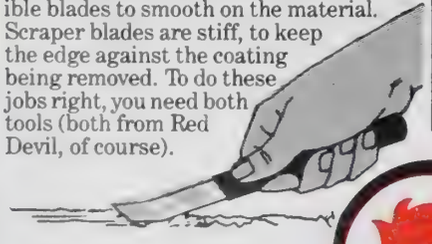
Use a glass cutter properly. You don't cut the glass—you score it to release surface tension. So don't press too hard or go over it a second time. Hold your Red Devil cutter between the index and middle fingers as shown (a drop of oil on the cutter helps, too). Then, you've got the score.

Give your new bathroom or mosaics a decorator look. Add a touch of color to the grout before you put it between the tiles. Just mix acrylic paint tint (from wherever you buy paint) with Red Devil Instant Tile Grout and see the exciting effect it creates.



Save energy with Red Devil's caulks, patches and fillers. Fill spaces around windows, doors, vents and where the foundation meets siding with Red Devil's complete line of energy-saving cartridge products. Red Devil Lifetime™ Caulk has the longest life—it's warranteed to last as long as you own your home or Red Devil will replace it free of charge!

Distinguish between a putty knife and a scraper. Putty knives (for spackling walls and puttying windows) have flexible blades to smooth on the material. Scraper blades are stiff, to keep the edge against the coating being removed. To do these jobs right, you need both tools (both from Red Devil, of course).



Red Devil has hundreds of things to make your home fix-up easier. Look for them wherever you shop for home-care products. And for best results, always follow directions on the package.

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BRIGHT CORNERS

continued from preceding page

To create a feeling of space in a small room, use a large wallpaper or fabric pattern. The reverse, a small overall pattern in a large room, diverts the eye and adds texture to the walls and furniture.

John Gresham, Dallas
Use textured wall paints for a look that is flattering to any furniture style. Trowel the paint onto the walls, using broad, uneven strokes to get a heavy texture. When this has set, paint the walls a light color, with a matte finish. For contrast, paint or stain the trim a dark color.

If you like walls dark and shiny, but yours aren't in good repair, apply the textured paint to the walls in smooth strokes. Take a notched trowel and make vertical lines, floor to ceiling. When dry, paint the walls with a high gloss for reflection and shine.

Joyce Griffith for Papier Interiors, Baltimore
To give your floors an unusual pick-me-up, cover them with wallpaper or a wallpaper border. Make sure the area to be covered is clean and primed. Apply the wallpaper, following manufacturer's instructions for a wall application, and seal with three coats of polyurethane to get an easy-to-clean durable finish.

Refresh the ceramic tiles and porcelain pedestal basins in an old house with a coat of epoxy paint.

Give your papered wall a finished look by covering the heat or air-conditioning vents, too. To do this, cut a piece of your wallpaper the size of the vent, making sure the pattern matches. Glue the back of the paper and press into place over the vent. With a very sharp cutting edge, make slits in the paper along the vent openings. Fold the raw edges to the inside.

Wallpaper borders become moldings around windows that have a very simple molding or none at all.

If you have a desk or table with a badly damaged top, fill the holes and cracks with wood putty. Sand for a smooth surface, prime, and cover with wallpaper. Top with a sheet of glass.

Now & Then, Acton, Mass.
Keep colors consistent in your house so the eye flows from room to room. In a living room, paint the walls salmon and the ceiling a soft pink. In the adjoining dining room, reverse the colors—the walls a soft pink and the ceiling salmon. This is most effective using soft, subtle colors in the same color family. For a stronger color statement, use cocoa and pale blue.

In older homes with good hardwood floors, try staining the floors a color.

Paint each door in an upstairs hallway with just a hint of the color that is behind it. If the room is papered in a blu

Consult the Expert; See Your

flowered print, for instance, give the door a soft wash of blue.

If you are timid about bright color or not sure what colors you like to live with, use monochromatic color schemes in soft tones.

Lyme Design, Old Lyme, Conn.
For continuity from room to room, choose one color from a fabric or wallpaper and use it again in the next room, this time as an accent color.

Turn a kitchen with a high ceiling into a gazebo. Paint the walls white and paper the ceiling with a green lattice pattern. Add lots of plants and you have spring year-round!

Let one color make a bold statement! A bright green rug in a white hallway. Yellow-and-white-checked wallpaper in a bath.

Beverly Jacomini, Jacomini, Holley, Tolleson, Houston
Let paint be the architect in a dining room. Paint a shiny white chair rail around the room. Use a light House & Garden Biscuit above the chair rail and "wainscot" below with deep Pompeiian Red.

Paint is one of the most effective quick-change remedies. All you need do is change light-colored walls to deep, dark shades; dark walls to watercolors.

Take a lesson from our ancestors. Stencil! Whether primitive or elaborate, stenciling's an easy way to add pattern and color to floor, wall, or ceiling.

Elizabeth King, Baltimore
Make your sleeping porch a summer garden by choosing a flowered wallpaper or fabric pattern with the flowers "growing" in an up direction. (Botanical prints are especially good.) Cut out the flowers—stems, leaves, and blossoms—and "plant" each flower (with glue) along the wall just above the baseboards. A grassy-green floor and summer-blue ceiling complete the mood.

Use molding to lower the ceiling in an old house. Tack strips of molding around the room 8 to 18 inches below the ceiling. The distance depends on the ceiling height. Paint the ceiling and walls down to the molding. Paper the walls below the molding. You can create this same effect using a wallpaper border instead of molding.

Robert T. Baker, Kansas City
If you feel most comfortable surrounded by white or soft neutrals, let bright-colored throw pillows and nature do your decorating. Make several sets of slipcovers for your throw pillows and change colors with the seasons: pots of yellow tulips and House & Garden Sun Yellow pillow covers; bright pink azaleas and pink pillow covers; poinsettias and bold greens and reds.

Let color bring the outdoors in. Dark walls, in a room with a large expanse of windows, recede into the background and highlight the outside. ■

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Consult the Expert: See Your

DEAR H&G

BY MARGARET MORSE

Answers to some of the decorating questions readers have asked us

Makeover for metal

Q. What's the best way to repaint a metal kitchen shelf?
—J.B., Weston, Conn.

A. Wash down the shelf with hot, detergenty water to remove any grease and dirt. Wipe with rinse water. When thoroughly dry, brush on a coat of metal primer. Let dry completely, then apply an enamel paint—the higher the gloss, the easier it will be to wipe clean later.

Brilliant rescue

Q. Our hall is a deep, glossy, fire-engine red, and we'd like to repaint it a much lighter color. What can we apply to cut down on the number of coats of paint necessary to cover such a dark color?
—P.C., South Egnemont, Mass.

A. Paint the hall with a pigmented shellac primer and let dry. It will "kill" most of the color beneath and prevent it from bleeding through the new paint later. And it can be used over and under virtually any paint. Two brands are BIN and Enamelac.

Color quandary

Q. I picked out an eggshell-finish oil-based paint for my walls. Then I heard that water-based paints generally dry quicker, with less odor, and that the wet brushes can be washed out with soap and water rather than with solvent. Will the "same" color come out differently in a water-based paint?
—D.W., Water Mill, N.Y.

A. Not appreciably, according to Neil Janovic of Janovic/Plaza, a New York City paint and wallpaper store. Makers of water-based (latex) paints often call the slight-sheen finish "velvet" instead of "eggshell." Remember, however, that oil-based (alkyd) paints are preferable in certain situations—where good wall washability counts or painting must be done at low temperatures.

Incidentally, one paint company—The Flecto Company of Oakland, Calif.—recently introduced products based on new paint polymer technology, said to combine the "pluses" of latex paint with the scrubbability of alkyd paint: "Varathane" is the brand to ask for.

Matchmaking advice

Q. I have two bookcases—one painted, one stained. I want to paint them both to match but don't know what kind of paint—or how much—to buy. —D.M., New Orleans, La.

A. First, in a well-ventilated, flame-free area, remove all wax or polish from the bookcases by scrubbing them down with cheesecloth saturated in paint thinner or turpentine. Immediately saturate cheesecloth with cool water *and* discard it in outdoor bin. When dry, prime both bookcases with a pigmented shellac primer—to prevent the stain from bleeding through on subsequent coats and provide a matching undercoat. Let dry, then paint with a satin or high-gloss enamel.

Ideally, you should measure the surfaces you want to paint, total up the area, and compare it with the estimated coverage figures on can labels. Buying too much is better than buying too little. But if, after painting the first bookcase, you find the quantity you've bought probably won't cover both bookcases, don't begin work on the second case. Buy more paint the same color, and blend the remains of the first batch with the second to make as close a color match as possible.

Colorful history

Q. I am interested in restoring a Midwestern house built between 1850-1865, but can find no information on paint colors used during that time. Can you direct me?
—J.K., Richmond, Ind

A. The choice of historic colors depends more on the style and material of the house than the year it was built, according to Thomas Moriarity, director of Historic Madison, Inc., a nonprofit group devoted to the architectural preservation of Madison, Ind., 80 miles south of Richmond. He says evidence shows a 19th-century preference—in central and southern Indiana-Illinois and in southern Ohio—for the following exterior building colors, depending on the building style:
Greek Revival: White or stonelike gray tinged with sienna, indigo, or lamp black. *Continued on page 10*

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continued from page 100

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Queen Anne/Stick Style: White. Or somber pastels and dark, slaty Wedgwood-pottery colors.
Romanesque: Earthen reds and dark browns, often with dark green trim.
Early Gothic Revival: White. Or deep Victorian reds, purples, browns, or olives.

If you're uncertain what style your house is, ask your public librarian to help you locate appropriate books. You can order two pamphlets about historic Madison—a visitor's guide and description of H.M.I.'s work—by sending 50¢ and a self-addressed, stamped envelope to Historic Madison, Inc., 500 West St., Madison, Ind. 47250. Note that the only other queries H.M.I. can answer are those pertaining strictly to Madison's own architectural heritage. From Sept. 26–28, there will be tours of some notable private houses, sponsored by Tri-Kappa (P.O. Box 273, Madison, Ind. 47250). Detailed information will be available about 60 days before the tours—or call the Madison Area Chamber of Commerce at (812) 265-2956.

Stronger solution

Q. I'm in the process of removing wallcovering and find it's not all coming off. Help! —G.G., New York, N.Y.

A. There's a new wallpaper remover, "Dif," made by Zinser containing an enzyme that breaks down the molecular structure of any wallpaper paste. Taking great care to *keep the solution (or any liquid) well away from any electrical outlets* that might cause dangerous shock, wipe down the walls with the enzyme solution. Wait 15 minutes, then pry off the wallcovering with a putty knife or, better yet, one of the new broad-bladed, self-sharpening wallpaper strippers. (Each has a roller mechanism to help you make even strokes, lessening the chance of damaging the wall.) Impermeable wallcoverings such as vinyls and foils will take more elbow grease: Sand them vigorously to expose as much of the adhesive as possible before applying the enzyme solution, or work the solution into the seams and gradually pry off wallcovering, adding remover as you go.

After you've removed all the wallcovering, wash down the walls with a solution of 1 cup chlorine bleach to 2 gallons water—to discourage the growth of fungus and neutralize the enzyme action of the remover. Be sure the wall is *absolutely dry* before painting or rewallpapering. In a damp climate, you might also ask your paint dealer for special mildew-resistant paint additives or for inorganic wallcovering adhesives, but this cannot take the place of antifungal washing.

Continued on page 108

Consult the Expert; See Your

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Hop Brook Hardware

MIDDLETOWN
Color Mart

MILFORD
Decorating Unlimited

NEW BRITAIN
Carlton's Wallpaper & Paint
Hall's Paint Store
John Boyle Company

NEW HAVEN
E.M. Walsh Company
Standard Paint & Wallpaper
The Jackson-Marvin Hardware Company

NEW MILFORD
Ronal's Paint & Wallpaper
Stone's Color Center

OLD SAYBROOK
Saybrook Paint & Home Decorating Center
The Paint Shop

ORANGE
Standard Paint & Wallpaper

THOMASTON
Norman's Color Center

TORRINGTON
Besse's Painting & Decorating

VERNON
Tri-Town Paint & Decorating Center

W. HARTFORD
Jacobs Paint

WATERBURY
State Paint Company
Verriker Paint & Wallpaper Company

WESTPORT
Gilberts Paint

WETHERSFIELD
United Paint & Wallpaper Inc

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L&L Paint & Tile Center

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ALTA
Waddell Lumber

ANKENY
Ankeny Paint & Wallpaper

AUDUBON
Wilkinson's

BELLE PLAINE
McMahon Home Decorating Store

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Joe's Paint Center

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Allied Glass Products Company
Kennedy Paint Company
Sherwin-Williams Decorating World

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Carlson's Color Center

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Color Center
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North English Lumber

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SIOUX CITY
Sioux City Paint & Glass

SIOUX RAPIDS
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Art Loats Paint & Wallpaper

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Damascus Paint

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Lathrop-Shakopee

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continued on page 106

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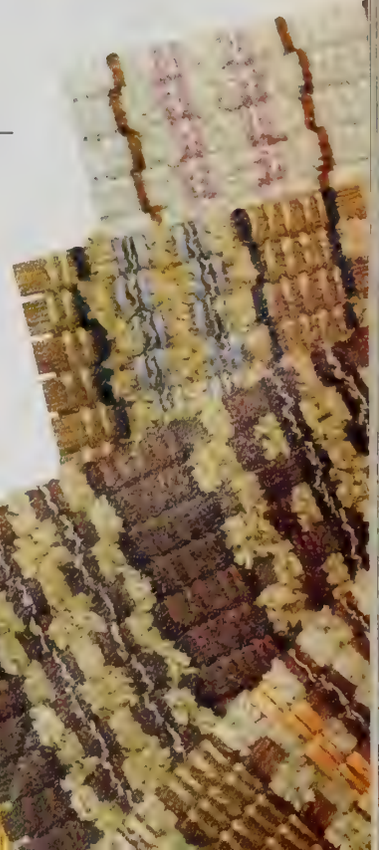

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VERMILLION
Nook'n Cranny

continued on page 108

At times like this you need a paint expert. Not a part-time clerk.

You're in the paint department of a bargain store.

And the only thing you're sure of is that you need some help.

Which, of course, is next to impossible to find. And if it is found, you find that it's really no help at all.

Because it's part-time help. With part-time knowledge.

And that kind of help you really don't need. Because the wrong advice or the incorrect answer can turn your can of paint into a can of worms.

You need to talk to someone who knows his stuff.

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He'll suggest what paint to use where. And when.

He'll answer questions. And give you advice about things like surface preparation, painting tools and accessories.

In short, he'll give you tips that can save you time, trouble, and in the long run, money.

So next time you're looking for a paint bargain, look for the store that sells *Pittsburgh* Paints.

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HAPPY HOUSEKEEPER

BY MARY ELIZABETH FALTER

Inventive ways to make your everyday tasks easier, plus other quick tips

ave the plastic lids of coffee cans to use nder opened jars of jam, honey, or bot- es of oil on your kitchen shelves. These ds make wonderful resting places for nything sticky or messy—the loaded aintbrush, a cooking spoon, furniture olish, glue or cement.

Half the battle of **keeping your clothes n good order** is to make sure they're nade of wrinkle-resistant fabric. When ou are buying, be brazen enough to rumple and twist the flannel pants or he silk shirt so you can see how quickly resumes its shape. Many a tempting umber in the shop can be a liability if it rinkles easily, especially for those who ravel a lot. Good bets are polyester ilks, pure wool, and cotton which has een mixed with a synthetic or has been reated with a soil- and wrinkle-resistant inish.

We've been using **an English face loth** that I think is unique. It's thin, ab- orbent, and has a delicately abrasive urface, somewhat like slightly stiffened erry cloth. Even a gentle washing with ne of these cloths leaves your face feel- ng aglow and super clean. Used on the ody, it stimulates surface circulation and is so light and flexible, it never gets oversoaked and clumsy. You can get these "Vic" face cloths at Caswell-Massey in New York.

For convenience when entertaining and to speed up party preparation, **keep all your party equipment in one storage area**, and keep it all tightly wrapped in plastic bags or wrap so it's clean and ready to use. Store the boxes of flat silver (if you don't use it every day) here and the special dishes, glassware, oversized salad bowl, coffee brewer, and your favorite serving bowls and platters. Most of it can be plastic-wrapped and you can buy covers for the dishes.

If you ever long for **an old-fashioned malted milkshake**, the kind that used to be found at the neighborhood soda fountain, all you have to do is get a Salton "Drink Mixtir." It works exactly like the old ones lined up in the drugstore—just push the container of ice cream, malt, milk, and flavoring up under the mixing rod, snap it in place, and that old familiar sound will fill the kitchen. Malts are great for convalescents and for children who need to gain weight. Dieters can have them, too, if they use low-fat milk and ice cream, and have the malt in place of a light meal. Malt powder (Horlick's) can be found at most drugstores. The Salton mixer, of course, can be used for many other kinds of drinks and for sauces. It's very easy to clean after using.

You should **save prescription pill bottles** from the drugstore because they are handy for storing and sorting out so many small items. But remember to remove the label most druggists slip *inside* the bottle and be sure it's destroyed, so no one else can find it and use it.

It's good to know that **popcorn**, so popular these days, has only 23 calories in a whole cup. Unbuttered that is—with butter, 77. However, Lemon Pepper seasoning is delicious on unbuttered popcorn—a bonanza for those of us who have to watch our waistlines. ■

Give your meals a beauty treatment

Great tasting recipes from L.A. See them page 182

Scallops with raspberries

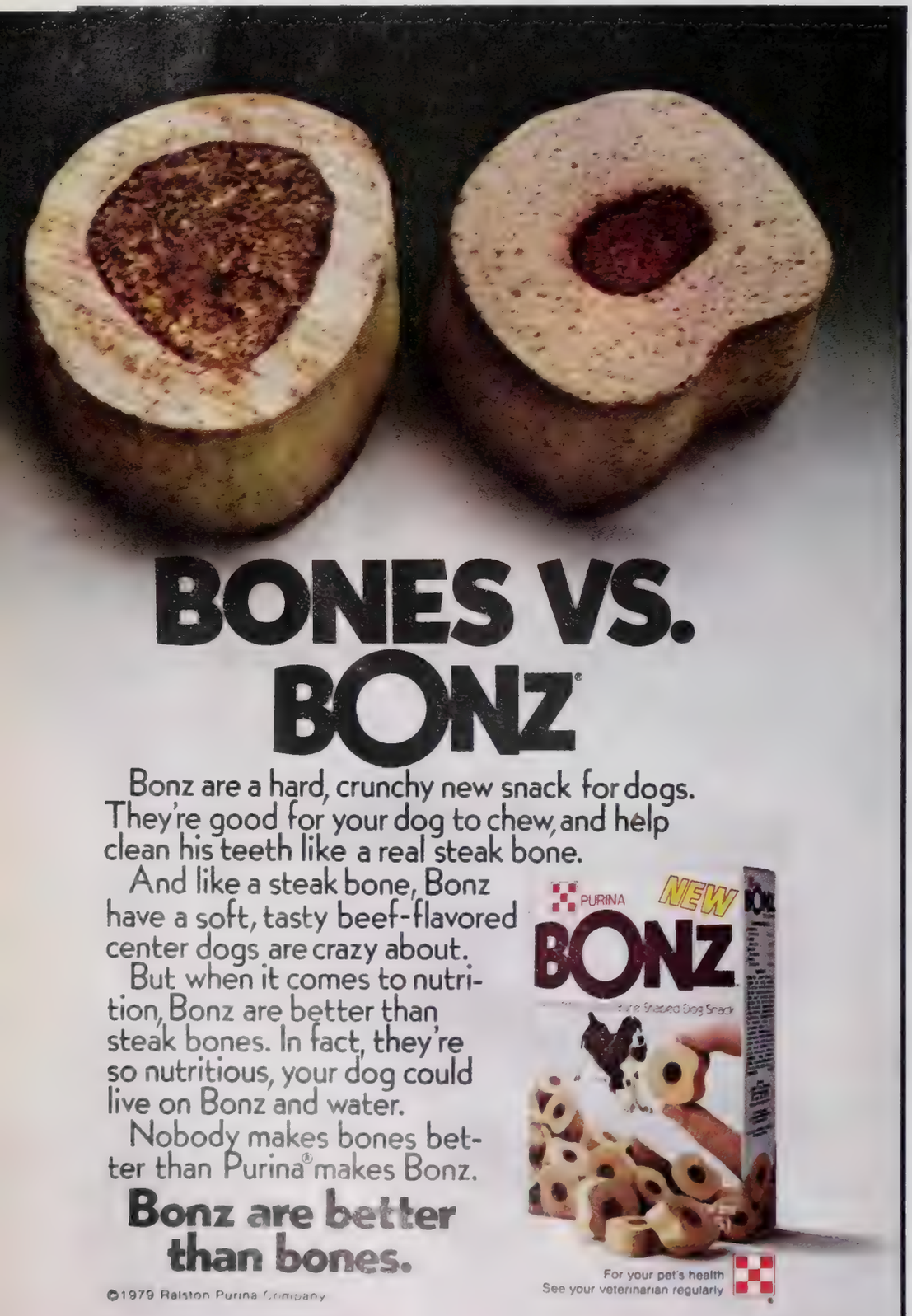
INGREDIENTS

1¼ cups dry white wine
¼ cup white wine vinegar
¼ cup shallots, minced
2 tablespoons cream
¼ pound sweet butter
Lime juice
Salt, white pepper
6 large scallops, sliced horizontally into thirds
¼ cup watercress, blanched, chopped
8 raspberries

METHOD

☐ Combine ¼ cup of the wine, the vinegar, and shallots in an enamel saucepan and reduce over moderately high heat until dry. Stir in the cream and reduce until very thick. Whisk in half the butter, whisking until the mixture is creamy and saucelike; add lime juice to taste, then whisk in the remaining butter bit by bit. Season to taste with salt and pepper and keep warm over warm water until ready to serve.

☐ Bring 1 cup water and 1 cup white wine to a boil in an enamel saucepan. Drop in scallops, poach 30 seconds, then lift out with a slotted spoon and set in a strainer to drain. Sprinkle chopped watercress on a serving plate, spoon on the *beurre blanc* to fill the plate, arrange the scallop slices in a circle on top. Top with the raspberries and serve. Serves 1 as an entrée.



Saddle of lamb

INGREDIENTS

1 saddle of lamb
½ cup cognac
½ cup white wine
1 onion
Parsley
Fresh basil, chopped
Fresh thyme
3 tablespoons cold sweet butter
Salt, black pepper
Red currant jelly, melted
Vegetable garnishes

METHOD

☐ Have the butcher bone the saddle of lamb—save the bones. Place the bones in a large pan and roast in a preheated 500° oven 25 minutes. Deglaze the pan with the cognac and white wine and reduce the liquid by half over moderately high heat. Add 4 cups water, the onion, parsley and reduce by half again—this will take about 35 minutes. Strain the sauce and reduce by half one final time. Stir in a pinch each basil and thyme, then beat in the cold butter. Keep warm in the top of a double boiler while you cook the lamb. Season to taste.

☐ Paint the 2 pieces of lamb with melted red currant jelly, sprinkle with salt and pepper, and char-broil 4–5 minutes per side. Slice thinly and arrange slices on hot individual serving plates with blanched slices of pattypan squash, broccoli florets, green beans, carrots, and roll-cut zucchini which have been reheated by tossing in butter over low heat. Spoon the sauce over the meat and serve. Serves 4–6.

Shrimp salad

INGREDIENTS

16 large fresh shrimp
1 bunch watercress, stemmed
1 ripe papaya

Continued on page 117

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Barbara Nicklaus

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ontinued from page 112

large ripe avocado
Belgian endive
herry wine vinegar
live oil
our cream
lustard
arragon, chopped
alt, pepper

ETHOD

Drop the shrimp into a pot of boiling wa-r, let cook several minutes until pink, re-ove with a slotted spoon. Rinse briefly nder cool water, let drain before peeling.

Arrange a small nest of watercress on ach of 4 serving plates. Peel, halve, and ed the papaya, then slice each half thin-. Follow the same procedure with the vocado. Place ¼ of the papaya and ¼ of e avocado on each plate and fan the ices slightly in toward the center of the ate. Arrange several leaves of endive on e plates, then place 4 shrimp on the wa-rcress nests. Make a vinaigrette dressing the vinegar, oil, a touch of sour cream nd mustard, and tarragon, salt, pepper to ste. Serve with the salad. Serves 4.

rilled squab

GREDIENTS

California squabs or Cornish game hens, boned (reserve bones for sauce) and split down the back. (If you do not want to bone the bird, split it down the back and use 2 cups homemade chicken stock for the sauce, omitting the following 4 ingredients and reducing the stock to 3–4 tablespoons before beating in the butter.)
small onion
bay leaf
arsley
esh thyme, chopped
pound sweet butter
cup raspberry vinegar
shallot, minced
lt, pepper
slices duck foie gras, optional
egetable garnishes

ETHOD

Place bones from the birds in a sauce-n with water just to cover, the onion, bay af, and parsley and thyme to taste. Bring a boil and reduce by ⅔. Strain the stock d reduce again until it is an essence out 3 tablespoons). Remove pan from at and beat in the butter bit by bit until e sauce is smooth and light.

Reduce the raspberry vinegar and shal-over moderately high heat in an enamel ucepan until almost dry. Beat in the uce just made, season to taste with salt d pepper, and hold over warm water ile you cook the squab.

Grill the squabs over very hot coals or der a broiler 3–4 minutes per side—they ould be served medium rare. If birds are t boned, broil about 10 minutes per side until done to your taste. (Broil Cornish hens 5 minutes skin-side down, then turn and broil 10 minutes more. Cover the wings with foil if they brown too quickly.) Place on top of a slice of foie gras, if desired, on a serving plate and garnish with thin slices of blanched pattypan squash, zucchini, broccoli florets, and several raspberries. Serve with the warm sauce. Serves 2.

Grilled salmon

(See Wine & Food cover)

INGREDIENTS

1 cup dry white wine
½ cup shallots, minced
4 tablespoons cream
½ pound sweet butter
Salt, white pepper
2 pounds salmon or steelhead (an ocean-going trout) fillets, cut into 8-ounce pieces
½ pound asparagus tips, blanched
1½ cups broccoli florets, blanched
1 cup zucchini, sliced diagonally very thin
1 cup carrot, sliced diagonally very thin

METHOD

☐ Combine the wine and shallots in an enamel saucepan and reduce over moderately high heat until dry. Stir in the cream and reduce until very thick. Whisk in half the butter, whisking until the mixture is creamy and saucelike, then whisk in the remaining butter bit by bit. Season to taste with salt and pepper and keep warm over warm water until ready to serve.

☐ Place the fish fillets over very hot coals or under a broiler and grill approximately 3 minutes per side, until flesh flakes but is still moist. While fish is cooking, reheat vegetables by turning them lightly in butter in a skillet over low heat. Spoon a bit of the *beurre blanc* sauce onto 4 serving plates, top with the fish, and garnish with blanched asparagus tips, broccoli florets, and sliced zucchini and carrot. Serves 4.

Pike mousse

INGREDIENTS

2 bunches watercress, trimmed of tough stems
Sweet butter
1-2 shallots, minced
Salt, white pepper
2 pounds boned pike or other firm white fish
Nutmeg
2 cups heavy cream, whipped
15–20 baby green beans, blanched
4 ounces steamed lobster
Several thin slices salmon
Pinch saffron
3 tomatoes, peeled, cored, and minced (Squeeze out the juice to make fairly dry mixture.)
Fresh basil, chopped
2 egg yolks
Dijon mustard
1 cup olive oil
1 bunch watercress, finely chopped

Continued on page 194

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Garden excursion in Britain

BY ELIZABETH BROWNING BARLOW

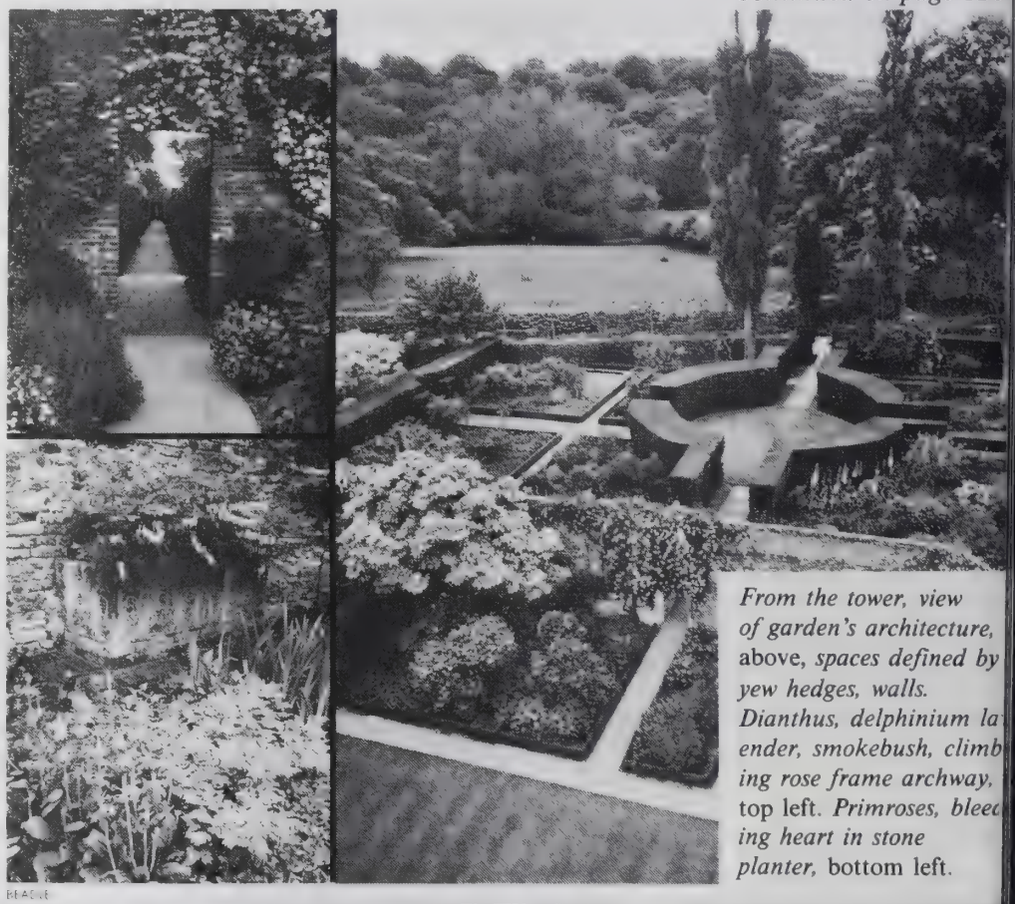
Sissinghurst: inspiration for Americans from an important 20th-century garden

Editor's Note: There is one English garden, in particular, that draws American visitors year after year. It is Sissinghurst, a 20th-century garden in Kent, the lovework of Vita Sackville-West and Harold Nicolson, which offers so many ideas for present-day gardens. It is easy to get to, an hour and a half by car from London, is operated by the National Trust, and is open from April to October 15. Elizabeth Browning Barlow, an American and curator-restorer-manager of Frederick Law Olmsted's and Calvert Vaux's Central Park in New York, provides a background for an extraordinary excursion.

The story of Sissinghurst really begins at Long Barn where Vita and Harold Nicolson settled as newlyweds in 1915. Long Barn was close by Vita's cherished Knole: Knole with its myriad roofs rising like a medieval town out of its deer park overlooking the Weald of Kent. There they lived for the next 15 years, and there they made their first garden. This was Vita's apprenticeship period, a time in which she acquired an impressive horticultural knowledge (her memory for Latin plant names was remarkable) and experimented in evolving her own gardening style.

In 1930, when it was rumored that a chicken-raising operation was planning to buy the farm next to Long Barn, the Nicolsons began to search the Weald of Kent for another house where they could make a new garden. The prerequisites were certainly not convenience or comfort. Vita would have something romantically evocative of old England, preferably Elizabethan; a Georgian house would have been too modern, too elegant, too feminine, for her. And so with Harold's concurrence she chose Sissinghurst, a derelict wreck of a Tudor and Elizabethan mansion dominated by twin towers. It was appositely historical, for it had once belonged to Sir John Ba-

Continued on page 120



From the tower, view of garden's architecture, above, *spaces defined by yew hedges, walls. Dianthus, delphinium lavender, smokebush, climbing rose frame archway,* top left. *Primroses, bleeding heart in stone planter,* bottom left.

BEAGLE

News

How to get a seat in advance on the Skytrain

Laker Airways still has the lowest fares of any scheduled airline to London from New York and Los Angeles. But if you've been leery of losing precious vacation days waiting to get on a plane, you can thank Laker for introducing a Skytrain reservations system. Now there are three types of Laker tickets, two of which are reserved: economy, which can be reserved any time in advance and has no length-of-stay requirements, and excursion, which must be bought at least 21 days ahead and requires you to stay at least 7 days. Buy excursion and economy tickets through Laker ticket offices or your travel agent. The third kind of ticket, standard or "walk on," is closest to the original Laker procedure. No reservations—you go to one of several convenient in-city Laker ticket offices (bring your passport) to buy a ticket. To plan when to go buy your ticket, telephone Laker's "seat availability" number for recorded up-to-the-hour information on the next available flight. If that day's flights are sold out, they begin selling for the next day. Start calling a few days before you plan to go (especially for a weekend) to keep track of when bookings for your flight begin and how quickly they are selling. Fares vary depending on the month—July and August are peak. In May, fly excursion roundtrip between New York and London for $339, Los Angeles/London for $439. For additional information, call toll free (800) 221-0374.

Philadelphia Open House

Philadelphia savors its architectural past, shows it off May 3–11 during *Philadelphia Open House* with walking and bu tours of 12 different neighborhoods Many private houses are open to visitors along with famous historic sites. A walking tour of Society Hill goes along tree lined streets and into 18th-century red brick row houses. In Philadelphia's olde neighborhood, Queen Village, front door open right onto the sidewalks, back door onto restored gardens. For 1860s Victor an brownstones, take the Rittenhous Square tour. The tour of the Portico Ro Area (white porticos, circa-1830 grey ston houses) begins with a lecture by a Sotheb Parke Bernet expert, finishes with a Victo rian high tea in one of the houses. Th Main Line bus tour winds through Penn sylvania farmland. Reserve in advance fo all tours; prices range from $5 to $2 Write Friends of INHP, 313 Walnut St Philadelphia, Pa. 19106; (215) 928-1188

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My husband said he'd be bored silly on a 14-day cruise. That's him singing with our waiters.

As you can see, he's enjoying his boredom enormously. Today for example, we're on our way to Caracas. So I thought we'd just relax, and rest up for South America, right? Wrong.

My husband—who loves to sleep late—was so full of vim that he got us up at the crack of dawn. Why? So we could get off to our morning exercise class.

After exercise class? An early breakfast at the outdoor verandah cafe. He wanted to eat hearty to be ship-shape for the basketball tournament.

The next thing I know, he hustles us off to dancing class. And this afternoon, over at the pool, who won first place in the inner-tube race? You guessed it.

We've been going on like this for days. Thank goodness we're on a 14-day cruise. We still have plenty of time. To relax. To bask in the sun. To be pampered. To feel better than we've ever felt in our lives.

See a travel agent about a Royal Caribbean cruise. You'll find one leaving Miami every week and it's one of the nicest vacations you'll ever have. If there's any doubt, ask my husband. He's been singing its praises since we've come aboard.

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continued from page 118

Hotel diary: the Tides Inn

BY MARGARET MORSE

Think of tasseled golf shoes, Sperry boating shoes, just-polished spectator pumps, and you'll have an idea of what goes on at the Tides Inn, on a 25-acre peninsula on Virginia's tidal Rappahannock River. You can play on three golf courses within a three-mile radius, cruise aboard the Inn's two yachts (one is 127 feet long), dance to a good band in the Inn's paneled Chesapeake Club. Tennis players have four courts. Barefoot diversion: The riverside salt-water pool, edged with flagpoles, geraniums, and a glass-sided lunch pavilion (ask for the chicken salad). Another lunch spot: At the Golden Eagle golf course, try Cap'n B's, a reproduction planter's cottage with pressed-tin ceiling, paddle fans. Don't miss the weekly lunch cruise to Windmill Point, where you go ashore and feast on trout and Norfolk spot caught that morning, and on hush-puppy-covered hot dogs. Peace of mind: Counselors (only in the summer) entertain your children with a trip to a farm, a treasure hunt, and a crab-catching lesson. A sign of pride: Each employee's name badge tells the year he or she was hired. Our waitress had been there since 1958. If you don't have a car at the Inn, there's a leisurely feeling of mobility: van and boat service connect important points. The Inn will also lend you a bike. The Tides Inn is open mid-March through New Year's. Trains and Eastern and Piedmont airlines serve Richmond and Newport News. Private plane or chauffeur service arranged at extra charge. Or come in your own car or boat. Information: The Tides Inn, Irvington, Va. 22480.

continued from page 118

ker, whose daughter Cicely had married Thomas Sackville in 1554. Harold rationalized the purchase in his diary: "Through its veins pulses the blood of the Sackville dynasty. True it is that it comes through the female line—but then we are both feminist and, after all, Knole came in the same way."

The remaining intact structures had been converted into farm buildings, and briars and cabbages covered the present garden. It required considerable imagination to envision the garden as it was to become. Vita later admitted, "I could never have done it myself. Fortunately I had, through marriage, the ideal collaborator . . . we agreed entirely on what was to be the main principle of the garden:

ombination of long axial walks . . . and ne more intimate enterprise of small eometrical gardens opening off them, ather as the rooms of an enormous ouse would open off the arterial corri- ors. There should be the strictest for- ıality of design, with the maximum ıformality of planting." (From *Portrait f a Marriage* by Nigel Nicolson.)

Ample certainly by suburban stan- ards, Sissinghurst shows how the aris- ɔcrat's scale of personal pleasure rounds had shrunk from the country- de-encompassing designs of "Capabili- ' Brown" and Humphrey Repton to ıis pleasant sequence of outdoor rooms. Vith only a minimal staff, the Nicolsons ıd their two boys worked together to ealize the garden.

Today on the long drive through the entish farmscape of hop vines and oast ɔuses the double tower beckons the vis- or to Sissinghurst. The original quad- ıngle of buildings flanking the tower as disappeared; deterioration has been ccomplished by time and by the use of ssinghurst as a keep for French prison- s during the Seven Years War. Walls ıd two remaining cottages still articu- te the shape of the two courtyards ound which the old manor house ood. It is the mellow tone of these an- ent brick walls that gives the Sissing- ırst garden its special character. Roses ıd clematis (over 40 varieties of the lat- r) cling to their mossy, lichened sur- ces, and tiny wildflowers spring ɔntaneously from their crevices. These alls and Harold's yew hedges create e gardens within a garden. In keeping ith his taste for regularity, Harold's rticular garden was the Lime Walk, a ɔuble row of pleached lime trees be- ath which tulips bloom in the spring.

Vita's favorite garden was probably e white garden, today the most cele- ated part of Sissinghurst. It does in- ed live up to the mental image she iginally had of it when she confided to e readers of her gardening column in e *Observer*: "I visualize the white ımpets of dozens of regal lilies, grown ree years ago from seed, coming up rough the grey of southernwood and temisia and lavender cotton, with ey-and-white edging plants such as *anthus* 'Mrs. Sinkins' and the silvery ats of *Stachys lanata*, more familiar d so much nicer under its English mes of Rabbits' Ears or Saviour's annel. There will be white pansies, and hite peonies, and white irises with their ey leaves . . . at least, I hope there will these things. I don't want to boast in vance about my grey, green and white rden . . ."

Besides the *tour de force* of the white rden, Sissinghurst has other original rden pictures. At one end of the re- ining arm of an old moat Vita planted bed of thyme, *Thymus Serpyllum*, a v-growing creeping variety which in e old herbals was recommended as a

Continued on next page

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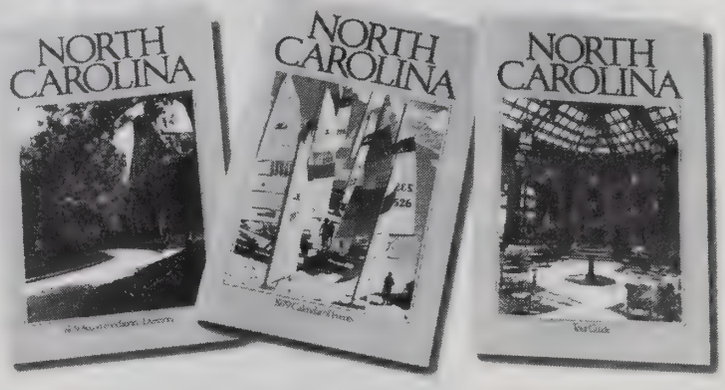

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continued from preceding page

cure for sciatica, whooping cough, headache, frenzy, and lethargy. With its alternating patches of red and white and purple it resembles a little Oriental rug thrown upon the grass. Nearby, inside the hedge-flowered borage, fennel grows in a gargantuan mass; *Santolina*, or lavender cotton, is clumped attractively against purple sage. There are even more unusual herbs: comfrey, southernwood, orris root, clary, woad, bergamot mint, and opium poppies.

The cottage garden is a study in hot yellows and vivid oranges (Vita called it her sunset garden), and it has the skillful grouping of blossoms found in a good flower arrangement. Sensitive to both color and scale, she used the technique of flower arranging in deciding how to improve her garden each year, picking flowers from one part of the garden and sticking them in the ground next to something else in another part to see what new effects could be achieved. She denied the conventional wisdom of the herbaceous border where flowers were disposed like schoolchildren in a photograph, the shorter ones in front, the taller behind. "It is all a question of shape," she wrote. "Architectural shape, demanding the pointed thin ones amongst the fat rounds, as a minaret rises above the dome of a mosque."

The Sissinghurst garden is full of old-fashioned roses. (The gaudy hybrid was thoroughly despised by Vita. Her special enemy was the modern hybrid tea rose.) There are moss and musk roses, damasks and gallicas. Roses with names like Auguste Gervaise and Rose Marie Vi- and twine themselves around fruit trees in the orchard. The rose-embowered tree is one of Vita's hallmarks and one that has been extensively copied by admirers of Sissinghurst. She probably got the idea from William Robinson who qualifies in many ways as the father of the modern English garden. Robinson's mission was to bring gardening back to nature and in the process absorb into the English landscape the colossal wealth of new plant material 19-century botanist explorers had imported from the four corners of the earth so that it appeared spontaneous and not contrived. With a crusader's zeal, he set out to rescue gardening from the Victorian practice whereby masses of tulip bulbs would be planted each fall, dug up and replaced after their brief blast of spring brightness by battalions of summer-flowering begonias, which in turn were removed for a fall flower display before the whole cycle was begun again. Robinson can be credited (along with Gertrude Jekyll, a brilliant garden author with a painterly eye with the invention of the wild garden, the bog garden, the rock garden, the herbaceous border. He reintroduced int

Continued on page 12

For less than $400.00 Audiovox can put the sound of home stereo in your car.

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The COSC-5A. The incredibly slim (just 1¼" deep) coaxial speaker system that fits practically anywhere, in imported and domestic cars!
Shallow 1¼" design – special shallow depth provides easy installation in all door panels unable to accept bulkier coaxial speakers. 5" Woofer–Air-suspension design to allow free cone response. Produces deep Bass at extremely high input power levels. Special 1" heat-proof voice coil allows sustained operation at high power without voice coil distortion.
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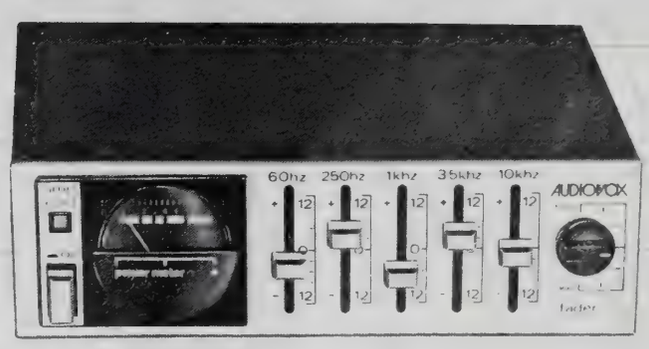

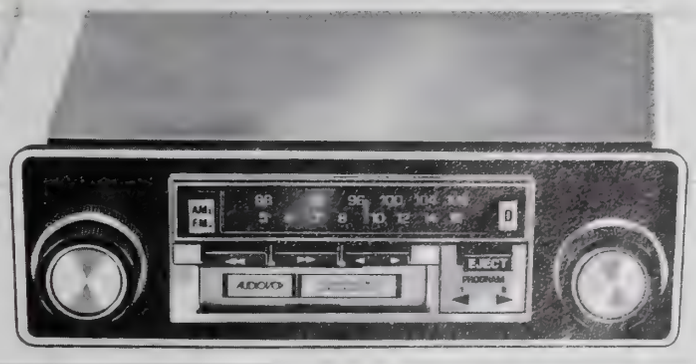

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TRAVEL/GOING PLACES

continued from page 122

the garden the humble yet charming old perennials, and wasn't afraid to employ some rare exotics which he naturalized into his planting schemes so that they looked realistically at home.

He disseminated his ideas in the two gardening periodicals which he published and in his classic, *The English Flower Garden*, a book much admired by Vita. Over and over Robinson speaks of composing plants into pictures; the function of the garden, he said, was to provide "little pictures, month by month."

Sissinghurst is filled with garden pictures. It is in fact a series of galleries, each filled with charmingly varied paintings. It is the work of two knowledgeable and talented garden artists and survives for our enjoyment through the intelligent curatorship of the National Trust.

Although Sissinghurst is open to visitors from April to mid-October, you may want to plan your trip to see a special part of the garden at its best. Daffodils, narcissus, and the orchard bloom in April, by May the lime walk is full of primroses, tiny tulips, anemones, and hyacinths—Nigel Nicolson calls it Act 1, Scene 1, of the annual performance. The rose garden is at its height in late June and the first two weeks of July. The white garden blooms year-round but is especially nice in the second week of July. In September there is a second flowering of roses, wonderful dahlias, and the trees are turning.

If you are flying to London and planning a driving tour of Sissinghurst and the countryside, take advantage of TWA's fly-drive plan which allows an airfare lower than regular economy (called Super Apex) and a Hertz rental car when you arrive. The special price for the car is based on taking it for at least a week. An additional bonus: unlimited mileage. TWA flies nonstop to London from New York, Boston, Chicago, Philadelphia, and Los Angeles.

Note: Available in the U.S.: A new edition of *V. Sackville-West's Garden Book*—a collection of her garden columns for the *Observer* from 1947–61 (Atheneum, $8.95). ■

Booklets

To plan better vacations, here are some booklets that give you information about where to go and how to get there. Just fill out the coupon below and return it.

1. Motoring in Southern England: 16 pages of what to see. Sissinghurst, Hever Castle, Leeds Castle, and much more.

2. Great Britain, Great Value: sights in Wales, Scotland, Northern Ireland, England.

3. Scotland's Historic Houses Festival, May 9-June 28. Tour castles, cathedrals, gardens, houses (many private). Special events: concerts, garden shows, and "An Evening of Amusing Scottish Poetry."

4. Laker Skytrain: the new reserved fares plus schedule from New York and Los Angeles to London.

5. Spend 15 days exploring Irish castles, cottages, sea cliffs. Or 9 days sightseeing in England, Wales, and Scotland's Lake District. More tours, plus fly/drive packages, in **TWA Getaway Britain and Ireland.**

6. Eurail '80: an updated train route map—Ireland's been added since last year—plus new Eurailpass prices.

7. Texas: Land of Contrast—This 160-page booklet lists what to see by city. San Antonio—missions (the Alamo is one) and the Mexican market. Galveston—the Strand, with restored 19th-century shops, and Bishop's Palace. In Langtry—Judge Roy Bean's Saloon-Courthouse.

8. Kentucky: Churchill Downs is in Louisville and May 3 is Derby Day.

9. Oklahoma: 50 Vacations—little trips with maps. On the Great Salt Plains trip stop at the Homesteader's Sod House. In Tahlequah: antebellum Murrell House plus Cherokee village and handicrafts.

10. The North East Passage: a tour organized by the National Trust for Historic Preservation and the Metropolitan Museum, with lectures, expert guides. Sail up the New England and Canadian coast, May 13-27.

11. A Visitor's Guide to Berlin's Cultural Life: museums (including the new National Gallery by Mies van der Rohe), antiques stores, theatres, puppet shows, concert halls, operas, jazz clubs. Detailed city maps included.

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April 1980

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Germany 1976
Car that Makes the Best Sense — *Mot*

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Car of the Year
— *Tuulilasi*

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Car of the Year
— *Morgen Posten*

Through rain, ice, sleet, hail and snow, Fiesta's remarkable front wheel drive traction will help you keep your appointed rounds. And its Michelin steel-belted radials will help you come to grips with all kinds of roads.

Italy 1977
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26 EPA EST. MPG **38** HWY. EST. MPG

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Yugoslavia 1977
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— *Automotive Writers*

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— *Criterium*

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Great Britain 1978
Design Council Award

FORD FIESTA

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Fiesta. Wundercar from Germany.

Fiesta 3-Door Sport

NGENIOUS WAYS TO MAKE YOUR LIFE

EASIER

IMPROVING YOUR LANDSCAPE

omings and goings

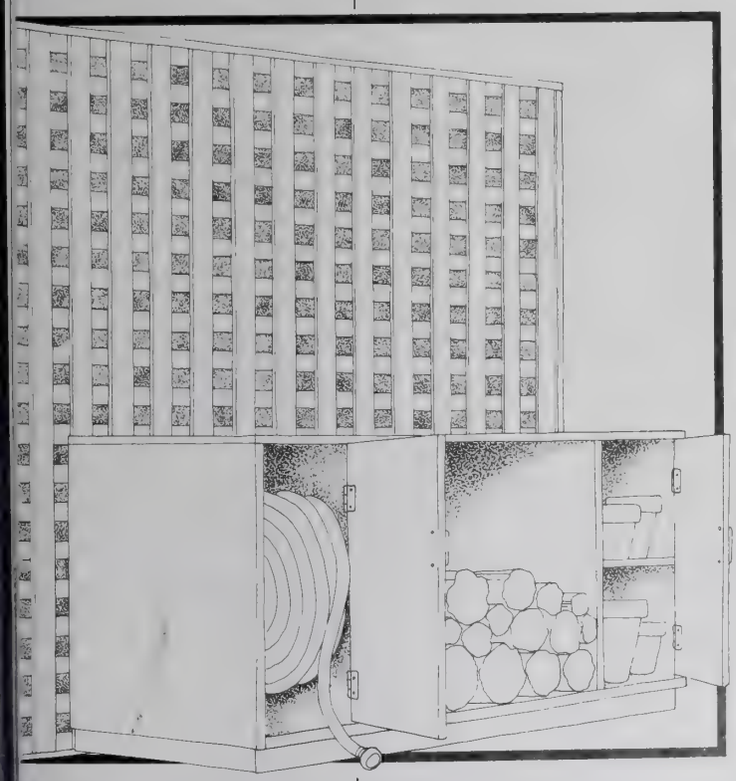
ll, dark, and handsome are e for a gentleman caller, when foundation plants get tall and dark, callers netimes can't even find the nt door. Plant low shrubs the entrance, taller ones at e corners of a house. oose dwarf or spreading ieties of leaf and needled rgreens that hold their size h minimal pruning.

nt your door a welcoming or. Flank it with suitable ıtainers. (See some clever as, pages 162-166.)

Ins and outs

Make your garage doors an asset. Chip out pavement if necessary to plant at the sides or between doors, or place containers near garage walls and plant espaliered yews or other evergreens. Paint or stain garage doors to blend with the house, not stand out. Pigmented stains can cover previously painted surfaces.

Put up shelf brackets and long 2-by-1s to make overdoor supports for wisteria or other vines, as Robert J. Welsh of Southampton, L.I., does. A



ou have steps leading from drive to the front walk, nt silver-foliaged plants ntolinas, artemisias) and ite flowers that catch the after dark. You can make mp-post do double duty as upport for climbing roses vines.

landscape designer, he also places uplights behind containers to give a soft wash of welcoming light at night.

Enhance a carport with lattice work and hanging baskets. Close off the back with a trellis that can make a wall for a backyard seating area, or a service yard with a counter-height storage unit for wood, hose, pots.

Breaking ground

Try to finish hard-surfaced areas such as patios and around swimming pools before planting lawns and shrubs. Heavy equipment is hard to bring in later and also compacts the soil. Locate all utility lines, septic tanks, water and electric outlets before you dig.

Leave openings in terrace flooring for trees and flowers. The glare of concrete can be softened with a brown or gray tint, pebble aggregate, or strips of weathered brick or redwood.

Concrete can be brushed to provide a rough surface and safe footing, or smoothed to make a surface for dancing.

Plan your wall around a terrace, or your railing around a deck, to double as seating. Seating should be 14 to 18 inches high and at least 12 inches deep.

Trees and groundcovers

If an old tree casts too dense a shade for grass or flowers, have a professional top-thin it to let more light shine through. If you must—bring out the ax. A new tree might be an improvement.

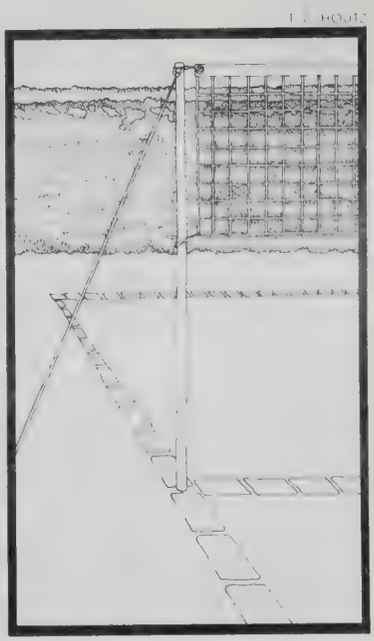
Some trees just don't earn their keep. In a small yard, willows yearn for a pond and grasp at the water in your plumbing system. They are also litterbugs, as are catalpa, horse chestnut, mulberry, pink mimosa, and black locust. Lombardy poplars grow out of scale with most houses. Norway and silver maples' roots will soon compete with grass.

In heavy shade, these ground covers may be the answer: ivy, pachysandra, periwinkle, ajuga, lily-of-the-valley.

Green as grass

Mow high (2 inches) in warm months to discourage weeds and browning. Mow in straight rows for good looks. A cool-weather crop, grass needs more frequent mowing in the spring and fall than in the summer.

For croquet, badminton, volleyball, keep a 20-by-40 foot lawn area open and well away from overhanging wires and branches. Set bricks in the lawn on a porous base to mark the boundaries. You can mow over it, and if there is any winter heaving, press the bricks down in spring.



For more landscaping ideas, turn the page

Choose a grass suited to sun or shade, your family needs, and your part of the country. Zoysia, for instance, often greens up too slowly in northern lawns and turns brown too early in fall.

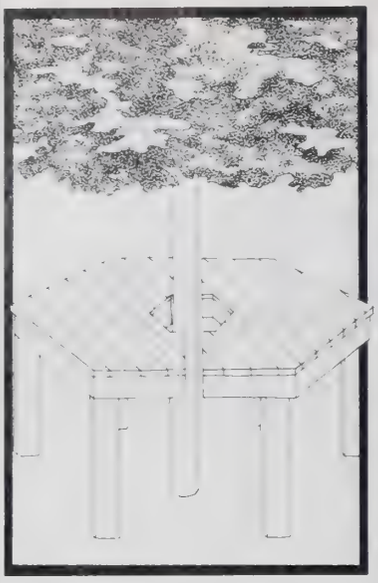
If you have a meadow or field, mow once a year, in November, to keep down briars but to let wildflowers set seed. Simplify a large lawn by treating part of it as a meadow.

All hands on deck

Conceal a deck's underpinnings with trellis panels stained or painted to match the house. Or, if not too high, surround it with a skirt of steps that can double as informal seating. Low junipers, Japanese holly, and other evergreens can also conceal a deck's supporting poles.

Upright railings rather than flared ones permit simple, built-in seating. A railing flush with the deck also allows you to consider closing the deck later with screen or removable glass panels to make a winter room.

For deck seating, hinge some benches for outdoor storage and you don't have to worry about cushions in rain.



around the trunk. Add curved benches for seating.

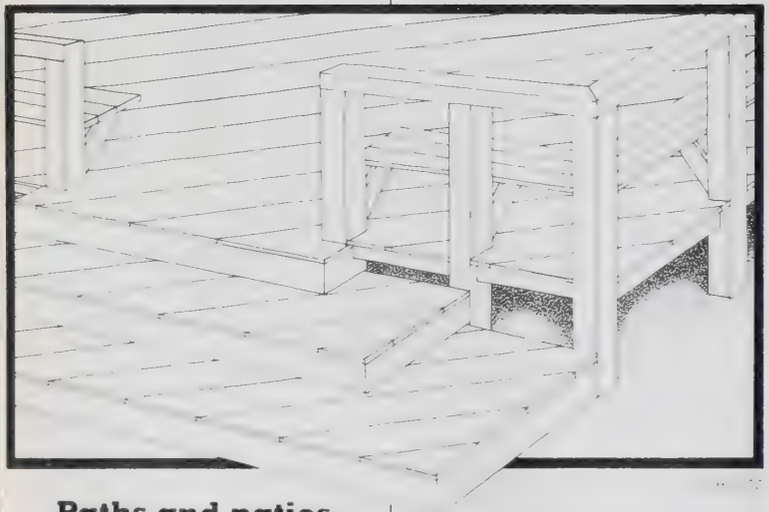
A patio need not be attached to a house. If you have a pretty tree away from the house, let that be your reading spot or place to share with friends.

Nail kegs make good extra stools for a rustic deck or patio. Stain them a soft hue; add round cushions.

Younger than springtime

If rhododendrons, azaleas, pieris, lilacs, or other shrubs become overgrown or leggy, cut them back so they will make new growth—ideally just after bloom. Spent blossoms should be snapped or cut off anyway for the plants' health.

Try to finish most pruning by August, even on evergreens, so tender new growth can harden off before winter. Always cut flush, leaving no stubs to decay.



Paths and patios

A path should be wide enough for two to stroll together. A service walk need not be. Have a reward at the end of a garden path—at least one bench, if you don't have a seating area.

To make a table around a tree, take inspiration from an umbrella table and join two half-circles to form a table

Read up before you start. Two good paperbacks: *Pruning Handbook*, Brooklyn Botanic Garden, 1000 Washington Ave., Brooklyn, N.Y. 11225, $2.55 ppd., and *All About Pruning*, Ortho Books, Chevron, 745 Bancroft Way, Berkeley, Calif. 94710, $5.70. ppd. (plus sales tax). Or check local garden centers.

Privacy please

To screen off neighbors, unobjectionably, plant trees or shrubs in staggered rows, not single file.

No space for a shrub border? Put up a simple board or chain fence and plant it for narrow coverage with English ivy, Euonymous fortunei—whatever will stay green and neat year-round in your area. Green up one side of a dog run (standard size is 4 by 20 feet) in the same way.

To screen a view from the house or patio, place the screen close to where you look out. If part of the yard is to be screened from the street, plant near the street.

Help your fence keep pets in, critters out. Picket and post-and-rail fences are attractive, but don't hold back animal traffic. First, nail turkey wire to the inside of the fence and paint the mesh black to make it disappear. To foil burrowing animals, dig a trench and bury the lower 18 inches of the wire.

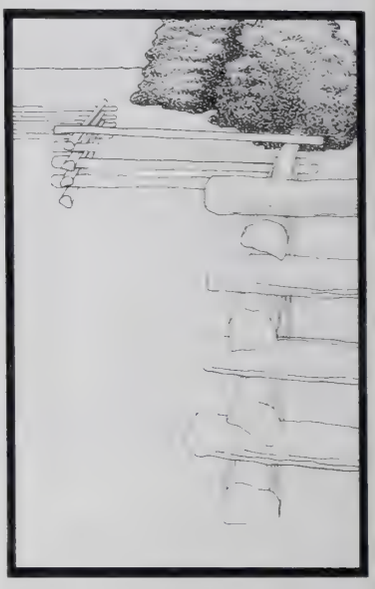
Disappearing act

Hide trash cans or swimming-pool pump or air-conditioning unit with shrubs or an attractive fence and gate. Hide a bulkhead (the covered steps leading to a basement's outside entrance) the same way.

To conceal a water meter that must be checked near a house, plant soft-foliaged shrubs to save on the yowls thorny roses or barberry evoke. And have stepping stones.

Camouflage telephone poles or clothes lines with the proper use of color. Black makes poles practically disappear, especially against a background of evergreens. Add a shrub or two to break the view of slanting guy-wires. Growing vines on a pole draws attention to it.

Your decorative cross-rail fence can be a portable garden structure. When the moving van comes, stack it like bed slats and take it along as William and Nancy Neil do.



Splash!

Planning a swimming pool or remodeling one? Think what it will look like from your windows in winter—a hedge may save you seasons of regrets. If your community requires a fence, make it attractive with greenery.

Consider painting the interior gray instead of turquoise. A dark color is an energy saver—water heats up sooner and holds warmth into fall. It also has the reflective quality of a woodland pool. Robert J. Welsh suggests gray paint on cement or gray marble dust on Gunite surfaces.

Garden geometry

To make a straight line, stretch a string between two stakes.

To make an informally curved shrub or flower bed, stretch a hose to the ideal sweep, then dig.

To make a circle or arc, tie a string to a stake (the string should be half the desired diameter of the circle), tie a bottle filled with flour or agricultural lime to the string, and shake the bottle as you walk.

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Fashions: Hanae Mori

20 things that you can do to get the feel of SPRINGTIME

On the first warm, sunny day of spring, wash all the windows in your house and then keep wide open for a fresh-h-of-spring airing out. It ill your rooms with a ight and a clean new-n fragrance.

Go on an April kite-flying outing, and take along a refreshing cold Chinese picnic lunch. Drunken Chicken: Rub oached chicken breasts alt, soak overnight in dry sherry, add h chicken broth to cov-ne and cut into bite-pieces and serve cold. with Chinese cucumber Peel and julienne 1 cu-r, toss with dressing of espoon soy, 1 table-vinegar, tablespoon e oil, ½ teaspoon salt, 2 ons sugar. From Con-Quan.

Put up a bright yellow basketball hoop.

Use more glass for springtime. Little glass containers for flowers, glass plates, and owls bring a lively e to your table.

Bring out all your pret-tiest, feeling-of-spring-time sheets, pillowcases, towels, cushions, cur-—anything easily changeable in your house, just the way you bring out your spring wardrobe.

6 Treat your plants to a few hours out of doors on the first balmy day.

7 No time this year for a proper vegetable garden? Then grow leaf lettuce! Sow monthly, 12 inches apart, as soon as soil is friable, in a well-drained, sunny spot. Rich, neutral-pH, sandy soil is best—or ask your local garden center how to doctor yours.

8 Rediscover lattice! Give something plain a conservatory air. Build some window boxes and face with lattice, resurface a wooden planter for your favorite ficus, or camouflage peeling plaster with treillage painted a leafy green.

9 Roll up your pants and wade in a stream. (While you're there, look for wild chives, watercress, and other greens to go into a wild spring salad.)

10 Start using a new herbal toothpaste—like fennel or peppermint—from your health food store.

11 Plan a weekend trip to a nearby public garden—many have spectacular spring plantings now—or, closer to home, visit a greenhouse or nursery.

12 Adopt a new puppy, and watch it grow up with the changing seasons.

13 Go on a flea market/yard-sale outing. Now's the most popular time for these events—you can benefit from someone else's irresistible spring-cleaning impulse. Also visit local consignment shops, where inventories usually reach their yearly peak.

14 Buy lots of pots of fresh spring chives when they appear in your market. Put them on your kitchen window sill to use now, transplant outdoors later.

15 Clean up! Clear out! Pare down! Throw out or give away *five* things you can live without.

16 Use huge vases of forsythia architecturally. Cut branches 5 or 6 feet tall, place in sturdy containers—ceramic umbrella stands work particularly well for this—then stand them in corners, or in pairs flanking a doorway.

17 Paint a charming fire screen to take the place of winter's crackling fires. Cut a piece of plywood in a simple shape just a bit smaller than the fireplace opening. Attach a support to its back so it will stand, then paint something wonderful on the front to keep you company all summer long—a beautiful bouquet, a favorite pet, bright nautical stripes.

18 To bring a springtime scent to your housecleaning, mix Butcher's wax with Goddard's Lavender wax: It will give a soft and pleasurable fragrance throughout your house when you have waxed your floors.

19 Buy a new record that gives you the music of springtime. Try the joyous pairing of Henryk Szeryng on violin and Arthur Rubinstein at the piano in Beethoven's "Spring" sonata. For a more primal interpretation of the solstice, there's Stravinsky's *Rite of Spring*, in a vital performance by the Columbia Symphony Orchestra under the composer's baton. And for sheer romance, discover Dame Janet Baker's peerless rendering of *Pretty ring-time* by Peter Warlock on "A Treasury of English Songs." This enchanting lyric from Shakespeare's *As You Like It* ends with the timeless lines, "In spring-time, the only pretty ring-time/ When birds do sing, hey ding a ding, ding/ Sweet lovers love the spring."

20 Fall in love.

BRING ON THE

Flowering plants can fill your rooms and your life with the magic of renewal and beauty

Horst

Flowering plants in the hands of florist Tony Di Pace define or enhance the character of a room with color, shape, texture, and the emotional boost that comes from surrounding yourself with nature—our most vital and our oldest decorating source. On these and the following pages, you'll see how Tony designs indoor landscapes to make places friendly, dramatic, lush or lean.

Right: The welcome wake-up of pink hibiscus flowers and a sprouting coconut on the Long Island porch of Mrs. T. Markoe Robertson; Above: Tony's New York shop.

FLOWERS!

Bring on the flowers

Surprising arrangements of sturdy garden varieties in pots alongside favorite exotics and forced bulbs

Horst

There's an unexpected mix of flowers in the dining room, **left**, of Fred Mueller, Tony's business partner. Some are from a greenhouse, others from outdoors, but Tony brings them together for a fascinating, and friendly, congregation of flowering plants. Hardy grape hyacinth and agapanthus mingle with tender cattleya orchid and freesia, and are joined by indoor favorites amaryllis and clivia. All except the orchid are grown from bulbs, and most can reflower. Scale, form, and color are as varied as plant species. Tall agapanthus and amaryllis overlook white anemones and freesia; grape hyacinths rest below. Massive orchid and amaryllis blooms are balanced by tiny flowers of agapanthus, freesia, ranunculus, and grape hyacinths. And the firm, upreaching leaves of the clivia and agapanthus contrast with grape hyacinth and ranunculus leaves. It's a flower collection as lyrical as the Robert Zakanitch painting. **Above**: In the center of interior designer Susan Zises's living room, a tiny, moss-floored forest of bright haemanthus. Bulbs were brought to flower in separate pots, then assembled in a wooden flat. Abutilon (flowering maple) and nicotiana along the walls soften the room.

Tony and friends

Bring on the flowers

Plants carefully chosen for shape
and texture, to express
a room's own moods and dimensions
or create a new environment

With flowering plants, Tony dramatically articulates the high, white serenity of designer Robert Currie's studio, **right**. Red nicotiana flowers, usually found outdoors, spring high into the airiness of the room; agapanthus (Lily-of-the-Nile), another outdoor-dweller, has blooms on tall, slim stems with rich foliage at the base; and rhipsalis, a jungle cactus, pours a thick stream of green from the top of the bookcase. Strap-leaved clivia in the foreground punctuates the room with eye-catching orange. **Above:** At photographer Francesco Scavullo's Long Island house, flowers change the porch into a lush, tropical-looking garden-in-pots: high-reaching white tuberoses; low clusters of sedum, anthurium, and miniature roses; thick masses of Eucharist lily, also known as Amazon lily; heavy, arching hibiscus; and hollyhocks cut and placed in a pitcher of water. Each flower is placed to get the light it needs: direct or dappled.

Horst

Minimum Makeover Maximum STYLE

Halston takes a rented '30s vacation house and with a few bold choices makes it all his own

When Halston started looking for a country house, he set his sights on his favorite retreat—a 22-acre fishing camp on the Long Island shore, where he'd often been a guest. "I was in luck," recalls Halston. "I called the owner, my friend Andy Warhol, found the house available, rented it on a long-term basis, and moved in a week later!" Many of the original furnishings from 1932 are still part of the decoration, like the floor lamps in the sitting room, *left and above*, topped with new parchment shades. Floors were left bare, old curtains discarded "to let in the sun, and sounds of the sea." New white seating and lacquered tables were chosen in a one-stop shopping spree at Abitare. "I always know what I want," says Halston.

The sitting room, left and above, boasts a fireplace at either end. Backwards books are an amusing gesture. Flower prints by Andy Warhol. Map by architect Rolf William Bauhan.

Minimum makeover, maximum style

Recipe for an inviting kitchen—the original furniture, fresh paint and polish, a brand-new restaurant stove

Halston liked the old country kitchen so much that he simply rearranged what was already there, *left and above*. Ladderback chairs, the big trestle table, and old slate-topped work island were freshened with a coat of pearl-gray paint. Pine-plank walls were also painted, and the floor—hearty stone like the sitting room—cleaned and polished. New glass globes were installed overhead for uniformity, the old mismatched fixtures wrapped and thoughtfully stored "in case the owner wants to use them again someday." The whole effect is simple and quiet: "People add the color." Door hinges and latches are old, curtains and chair cushions new, made for Halston by his favorite local seamstress, Linde Libert. "Everything in the house is easy-care," says Halston. "Who wants to be indoors on a beautiful day?"

The big country kitchen, left and above. *Over the stove and fireplace, Victor Hugo's Fried Egg paintings.*

Sleep comes easily in bedrooms paneled in glossy pine like the cabin of a ship

It's just two steps from the sitting room to the bedrooms, *left and above*, where "dark walls and ceilings and the ocean breeze through the windows make it seem as if you're sleeping aboard ship," says Halston. Beds are draped with soft mosquito netting: "In a house with 48 windows and 9 doors—all of them usually open—the cross ventilation's fantastic, but so are the bugs!" Orchids line up beside the door to Halston's room, *left*, and abound throughout the house. "I love the surprise of tropical flowers in a wildflower setting." The guest room, *above*, looks as it always has—a quaint pine bed, bedstand, and desk (with a fireplace on the opposite wall)—only the curtains and rug are new. Orchids by Tommy Pashun. Paintings by Victor Hugo. Beds dressed in Halston's "Clouds" for Fieldcrest. For details, see Shopping Information.

Left: *Halston's own room, spare and serene.* Above: *The rustic character of the guest room remains unchanged.*

Spring colors soften an apartment

How a young working woman with the help of her decorator gave new life to a collection of hand-me-down furniture

How do you turn a room full of hand-me-down furniture into an updated space? This is the challenge Clelia Le Boutillier offered interior decorator Ann Le Coney when she decided to give her 10-by-17-foot living room a face-lift. Her needs were simple—ample seating for guests, room to entertain for dinner, and a fresh look—all for around $5,000.

Working from the floor up, Mrs. Le Coney first selected the durrie rug, the most expensive addition. This soft wash of geometric color worked as the c lyst. Next came the "Poppy Va chintz, to soften the edges of the tilt table and the windows. This in turn spired the delicate wall color and colors of the fabric that gave new lif the old but classic furniture frames. lacquered coffee table and ottoman the only new pieces of furniture add

The well-shaped sofa was given cushions and a skirt for a contempo look. Plumped cushions and new

Miss Le Boutillier and friend surrounded by soft pastels of her new room.

Out with the old, in with the old.

New color and fabric were the key.

ard edges

te the smaller armchairs. Two larg- mchairs were replaced by the otto- , which can easily be moved around xtra seating. The fresh spring colors a few small changes make this over a success.

esigners Guild chintz, fabric on sofa, nschwig; woven cotton on arm- rs, Clarence House; durrie rug, core; coffee table, Barrett Hill; ings by Bob Kane, from the Haller ery. See Shopping Information.

The old tilt-top, right, does double duty as the dining table. Easy-to-store folding chairs appear for dinner. Baccarat crystal. Royal Worcester china. James Robinson sterling silver. See the Inside Story.

Two examples of beauty at work: this page, *a slabbedpot planter shaped like a traditional Shaker oval box, filled with pink geraniums. By Piero Fenci.* Opposite: *two exquisite handblown glass perfume bottles. By Leon Applebaum from Contemporary Art Glass, New York City.*

Stalking the Great American Craft

Taken out of the museum display case and off closed cabinet shelves, they're on the dining tables, floors, walls, and open shelves of American houses now . . . the handmade plates, glasses, rugs, baskets, chairs, and quilts made by a new generation of craftsmen. Today's objects are meant to be *used*. Function is an important consideration in making a piece. These six pages exhibit the works of 14 artists who believe that use is beauty.

ine Giovanni

STALKING THE GREAT AMERICAN CRAFT

Oversized objects have an appeal all their own. Two, in different mediums, right and below, show big new ideas about form and function. The giant basket is made of grapevines, rattan, and willow reeds handbound by Marian Francis Thompson, an East Coast artist whose work can be seen at Nantucket Looms. The larger basket measures 4 feet wide, the smaller one, 29 inches. Both were photographed in the studio of weaver Gwen Gaillard. The news in crafts today is glass. This milky white goblet on a clear stem holds 12 ounces and may be ordered in six colors. It's by Tom and Pia Hart who show at The Elements, a gallery in New York and Greenwich, Conn. The knife, Fiddle Thread from James Robinson.

Objects that are made to be used and that are created by fine craftsmen have energy and ideas. The handmade object always comes first; machines can only copy.

—John Loring, vice-president and design editor of Tiffany & Co.

Raeanne Giovanni

Piero Fenci's slabwork oval planter with a raku fired handle is filled with potatoes. Mr. Fenci's work can be seen at The Main Street Gallery on Nantucket. Right, "Vermont" handthrown crackle-glaze porcelain designed by Van Day Truex for Tiffany & Co. The large bowl filled with pears is by Eric Reiff for Royal Copenhagen, also at Tiffany.

A spindle-back settee, or settle, of American black cherry is handmade by Stephen Swift. The settee measures 5 feet long and stands 45 inches high. Left, *huge glass dinner plates by Randy Perkins. The colors are smoky blue, green, and lilac. Mr. Perkin's work at Design-Technics, New York.* Right, *mohair and wool bedspread and throw, both handmade at Nantucket Looms.*

STALKING THE GREAT AMERICAN CRAFT

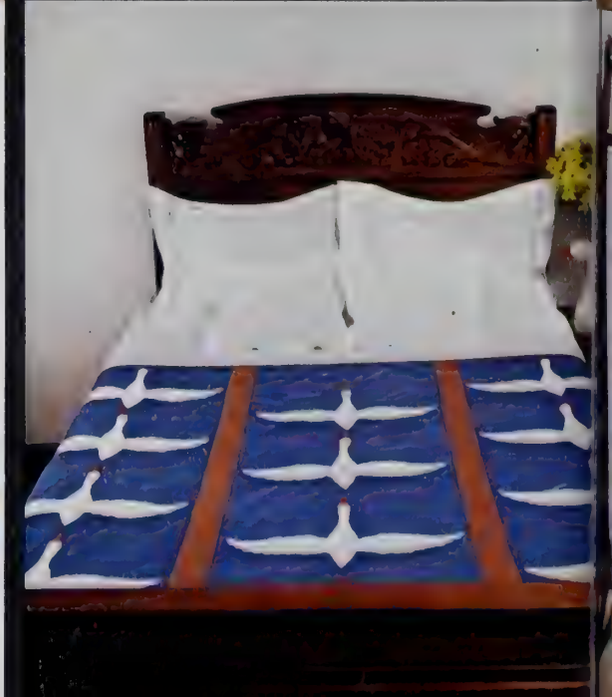
One of the truly classic shapes for a chair is the Windsor, which takes on new grace and vitality in the hands of cabinetmaker Thomas Moser of New Gloucester, Maine. The seat and back of the chair are cherry; the legs, rock maple; the spindles, ash. Mr. Moser says it takes about eight days to produce a chair from start to finish and that at least five days are spent in hand-applied polishing, oiling, and waxing. The salad bowl, right, is really a multipurpose straight-sided bowl you can use for almost anything. Boldly textured outside, it has a parchment-like finish inside. It's handthrown by potter James Howard and is a one-of-a-kind piece to be ordered through Nena's Choice Gallery at Bergdorf Goodman in New York.

Raeanne Gio

Buying and using a handmade object a way of being in touch with the person who made it—yesterday or a thousand years ago The new and the old sid by side show how good the new pieces are.

—Gordon Foster, Gordon Fo Antiques, New York City

The diminutive glass bud vase, *left,* represents a major breakthrough in colored glass. Glassblower Donald Carlsen has achieved a true opaque oxblood color in glass—a color that until now was only possible in glazed porcelains. Cranberry glass, though also red, is much paler. The Glass Store. The imaginative quilt, *right,* is an 86-inch handquilted square of appliquéd swans by textile artist Galina Stepanoff-Dargery. The quilt's ground is blue; appliquéd houses and clouds border the swans in brown. The quilt is made of polished cotton and can be seen at The Maker's Gallery in New York.



In the living room of Mrs. Russell Sibley a blue and white cotton and linen rag rug by weaver Gwen Gaillard lies in front of the hearth. Brazilian mahogany is used for a quilt rack, left, made by woodworker Stephen Swift; it stands 36 inches high. The quilt on the rack is an antique. The rich brown patina on the bamboo-handled teapot, right, is called a "gloss" finish. The piece is by James Howard. "Focus America: Nantucket" will feature some of the handmade objects shown on these pages, at Lord & Taylor from April 8–30. Please see contents for Shopping Information.

Savings plus style in

House & Garden puts the best of sunbelt living—warmth, informality, easy maintenance—into a house that's a natural for living anywhere

Here's a house designed for family living. Planned by Scholz Homes with House & Garden editors, it is a "house package" of exterior walls and trim, roof structure, windows and doors, and kitchen appliances and cabinets your Scholz builder can put together, adding your choice of special features. This particular house, decorated by Gary Crain with furnishings from Macy's, was built in Florida by Radnor/Jacksonville. But its wood paneling and roomy, comfortable spaces will look right at home no matter where you live. You can visit a finished house in 25 locations across the country. To find out where and for building details, see page 208.

Beadle

Right: *Airy family room with furniture in off-white cotton, American Olean tile that continues the free flow of space. Georgia-Pacific siding. Heatilator fireplace. Levolor blinds. Henredon furniture, Thayer Coggin table, at Macy's, New York.* Above: *For a bright welcome, skylit foyer. Riduan Tomkins painting, Betty Parsons Gallery.* Left: *Scholz Homes' compact Mark XIV house. Georgia-Pacific siding. Crestline windows. Owens-Corning roof. Details, see Shopping Information.*

a ready-made house

Savings plus style in a ready-made house

A greenhouse that brings outdoors in

To make this house seem even bigger than its 2,300 square feet, designers at Scholz Homes used skylights, expanses of glass, and cathedral ceilings. Just beyond the foyer, plants flourish on roll-around shelves in the two-story skylit garden room that opens through sliding glass doors to a wood-slatted deck. "The sense of gardens is so dominant in this house you almost forget when outdoors becomes indoors," says designer Gary Crain. To accentuate this flow of space, he had all the living areas paved with the same easy-care tile. More gardens spill into the family room through the greenhouse—a wonderful cozy spot that can make relaxing and reading a pleasure.

Right: *One-level open plan showing central circle of living areas all open to one another and to the outdoors through skylights and glass walls. "The plan is just right for casual family living," says Mr. Crain. Three bedrooms—the master bedroom and bath, children's room, and guest room (which doubles as a library)—border living areas along two sides of the house.*

Brotman

...and takes indoors out

Far left: *The garden room, with striped chintz used horizontally to turn furniture into a rainbow of flower colors. Green-and-white basket-weave fabric looks right at home on wicker, and relaxes the bright stripes nearby. Henredon upholstered furniture, DIA wicker chairs and ottoman, Roe Kasian lacquered scroll cocktail table, all available at Macy's, New York. Fabrics from Woodson Wallpapers. Floor tile, American Olean.* Left and left insert: *Off the family room, the greenhouse protected from summer sun by a shade of black nylon mesh. Greenhouse from English Greenhouse Products.*

Right: *Next door to the greenhouse, the crafts room, where projects can be started . . . and finished at leisure. Ovenproof ceramic vegetables and fruits by Barbara Eigen and all furniture available at Macy's, New York. "Bellaire" cabinets by St. Charles. Natural matchstick blinds by Del-Mar. Electric potter's wheel by Miami Clay Co.*

Top: *Beyond the garden room and master bedroom, optional wood-slatted deck. Meadowcraft furniture, Martex towels. Contoured fiberglass spa by Hydro-Spa. For details, see Shopping Information.*

Above: *The kitchen, "sleek and modern to contrast with the wood paneling in the family room next door," says Mr. Crain. Over the sink, a greenhouse window for growing herbs and pretty flowering plants. Dropped ceiling is luminous to give an allover light for working, a sense of height. Cabinets with Formica facing by St. Charles. All appliances, Whirlpool. Cookware available at Macy's, New York. Alenco greenhouse window.*

Rooms that open to each other and to sunlight...

Breaking from the traditional house plan of separate living and dining rooms, designers at Scholz Homes created one big space with separate living areas. There are family and garden rooms, dining area, greenhouse, crafts room, and kitchen, all of which unfold one into another. To visually separate spaces, designer Gary Crain arranged furniture in self-contained units—"but no matter where you are, you never feel isolated," says Mr. Crain. One of the nicest features of the house, he feels, is that its living areas are so happily balanced by private rooms. The master bedroom, for example, is off by itself at the far end of the house, with its own bath and private access to the deck and spa. Separating it from the children's room is the library-guest room, a cocoon of calm color and comfortable upholstered furniture all brightened by a sense of light that comes from double-height ceiling.

Above: *Looking from the dining area towards the family room and kitchen. To visually soften the look of the laminated dining table, lightweight rattan chairs with curved backs, tie-on seat pads in a green grid-patterned fabric that picks up the leaf-colored cushions tossed on nearby family-room sofa. More green in a collection of stoneware in an old pine hutch on the other side of the dining table (by DIA). All furniture available from Macy's, New York. Seat cushion fabric, Brunschwig.*

Below right: *In the library-guest room, serene dove-gray walls, off-white carpeting, Haitian cotton upholstery—all neutral colors for a multipurpose room. The upholstered unit next to the door may look like a simple armless sofa, but it's really a pull-out sleep sofa. Rolled-edged carpeted coffee table, custom designed by Gary Crain, on casters for simple moving; child-proof laminate top flips up so bed linens can be stored inside. Sleep sofa and other modular units by Simmons. All furnishings, Macy's, New York. TV and minicomponents (stacked on around-the-corner shelf) by Toshiba.*

eadle

...double the feeling and the flexibility of space

Above: *In the master bedroom, a young version of an old-fashioned tester bed with sherbet-colored coverlet made from Springs Mills sheets. Opposite the bed, a reading nook with Cleve Gray painting (from Betty Parsons Gallery). Alan Campbell fabric on Lambert furniture. Limited Editions units, furnishings, at Macy's, New York. Del-Mar blinds. Quilt, Thos. K. Woodard.*

Left: *Next door, dramatic bathroom with Kohler fixtures, American Olean tile, Martex towels. For details, see Shopping Information, Building Facts.*

Built right into a hillside, this house hugs the earth on the outside, ye

nside it's filled with light and air

Fifth in our series of energy houses

Back to the earth

Outdoors it's almost invisible, indoors it's a celebration of light

Even though this house is built right into a hillside, wide windows in every room open it up to the outdoors. Because the temperature of earth below the frost line remains at a fairly constant 45 degrees Fahrenheit, the earth that surrounds this house acts as an energy saver. It provides an envelope of natural warmth that moderates the climate immediately surrounding the house, cutting heating costs almost in half. "A small quantity of earth will not retain much heat," architect Don Metz explains. "But almost any material used in sufficient quantity will act as a moderator, and earth has the advantage of being dirt cheap and universally available. Moreover, it grows grass and will not rot, rust, peel, chip, or crack."

SKYLIGHT OPENS IT UP

Above left: The house is integrated into a hillside, and with grass growing on the roof, it's landscaped to become part of its natural environment. Wall of windows facing south acts as a passive solar collector. Left: Over 300 square feet of double-glazed windows light the interior. Rooms open to one another--here you see from dining room across the living room into the bedroom and out the west window. Above: Skylight above entry is surrounded by grass that grows on the roof of the house.

Tom Yee

STEPS LEAD TO ARCHED SKYLIT ENTRY

STURDY RAILROAD TIES RETAIN EARTH COVERING HOUSE ON NORTHWES

Left: At the southwest bedroom corner, a fin wall helps support the roof and serves as a windbreak. The overhang that extends out beyond the windows protects the house from the high summer sun. The moderating effect of the earth, natural ventilation, and the thick layer of insulation also help keep the house cool in the summer.

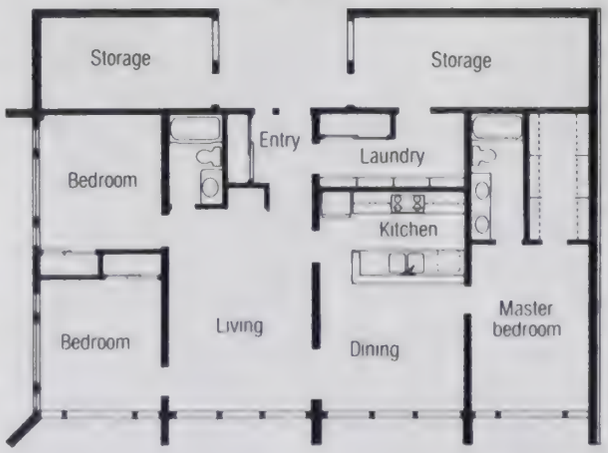
WIDE WINDOWS OPEN HOUSE TO OUTDOORS ON SUNNY SOUTH AND WE

Tom Yee

Earth has the advantage of being dirt cheap and universally available. Moreover, it grows grass

Sheltered by the earth, this house is also warmed by the sun. Even in winter enough sunlight streams in through the walls of windows on the south and west to account for over a third of the energy required to warm the house. The double-glazed windows act as passive solar collectors: The heat they collect during the day is absorbed into the dense mass of the 8-inch-thick reinforced concrete walls, the heavy timber roof, and the tiled floor slab. Then the heat is slowly dispersed back into the house after the sun has set. As Don Metz says, the passive solar heat operates "with no added expense, no additional structural elements, no maintenance, and no obsolescence of equipment." Inside, the house not only feels cozy but also looks bright and inviting. Walls of windows and the skylight over the entrance brighten the interior. Although the entrance is underground, "from the moment you walk in the door, the house is light, bright and airy," the owner says.

Plan shows how skylit underground entry has access to the storage and mechanical rooms. Inside, every room is open to the outside through the windows on south and west sides of the house. All on one level, plan contains three bedrooms and two baths off to the sides of the central living spaces. Plans that are adaptable to most well-drained sites that face south with access from the north may be ordered from Earthtech, Box 52, Lyme, N.H. 03768. For additional Building Facts, please see contents page.



Neil London

IGHT, BRIGHT, AND AIRY ON THE INSIDE, EVERY ROOM OF THE EARTH HOUSE HAS A WINDOW

Above left: Brick supporting wall also serves to separate kitchen and dining areas from the living room. See-through arch does not block light or conversation. Slate-tiled floor slab in kitchen, living and dining areas absorbs and slowly disperses solar heat. Above: In living room, Defiant wood-burning stove by Vermont Castings provides backup heating. Wall of windows with overhang extends along south side of central living area. Heavy timber roof is left natural for easy upkeep. Eighteenth-century English wing-back chair of yew wood and early-19th-century ladderback chair, both courtesy of Constance Bergendoff Antiques. Left: South and west exposures give this bedroom an abundance of light and sun. Nineteenth-century American blanket chest with original red paint and Pennsylvania quilt also courtesy of Constance Bergendoff Antiques.

Open-air

Go-anywhere

Gardens in baskets, barrels, boxes, and pots.

You can have bouquets, even herbs and vegetables, at hand all summer when you take up flowerpot farming. Start now with seeds or with transplants. Outdoor pots can supply instant color, as on Mr. and Mrs. Robert A. Hack's terrace in their low-maintenance green garden, *left and on the cover.* Pots can be put to architectural use, to wall in a plain terrace or driveway, mark a doorway, line a walkway, divide a rooftop into pleasant patios. Containers provide up-close enjoyment, a delight to children and to experienced gardeners who no longer enjoy stooping to plant or pick. And if you are often on the move (1 out of 3 Americans moved in the last 3 years), container gardening is ideal. It's a transferable skill. What you learn on one terrace or deck or balcony can be applied to your next location—city or country, whatever the soil or climate. To have nonstop color from annuals, "the secret," says Mrs. Hack, "is close attention—keep feeding, keep snipping."

Renée Hack, above, waters the verbenas, petunias, snapdragons, violas, marigolds, in her pot balustrade, left, edging a Connecticut terrace.

Marina Schinz

Grow-anywhere gardens

Amid ferns and violets on a maple-shaded flagstone terrace, where sun-loving flowers could never thrive, pots of impatiens stay in glorious bloom all summer long, lighting up the pathway to this Connecticut doorway with cheery splashes of coral, salmon, orange, pink, deep pink, and red. Emerick

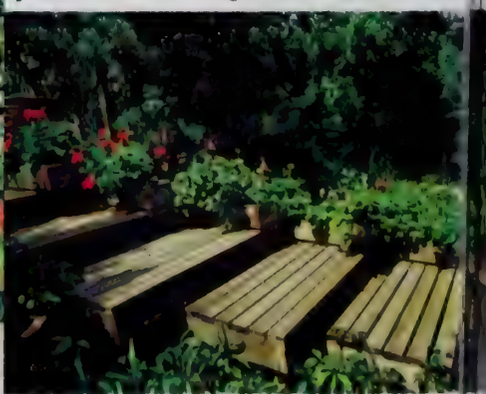
Pots of tropical clivia, out for the summer, blaze against a dark juniper. Jo Sokolski.

Texas watering trough holds geraniums at house restored by Albert Keidel for Laura Beckman McNeel.

Soybean basket and wood tubs of geraniu form a brilliant hedge near old stone house

Trunk of hollow apple tree, recycled as plastic-lined planter by interior designer Josephine Sokolski, holds red and white impatiens.

Marina Schinz



Scrap-lumber sides and footings frame common fiberglass containers, renewing ge nium boxes on Mr. and Mrs. Emerick Bronson's boardwalk steps on Fire Islan

Growing owers in a nutshell, almost

found objects, found space, sun or shade

gonias, browallia, coleus, nicotiana, pansies, torenia, vinca. And don't forget that your flowering house plants, which need so much light in winter, like cool shade outdoors in summer. In a nutshell, flowers can be tucked into just about anything anywhere. Just be a fusspot about watering and feeding them.

o have flowers this summer, you don't have to own a sunny ace or even a flower- Your own creations, ound objects—even el baskets lined with ic bags—can become t containers. While rue that most long- ming annuals need some dazzling ones shade: impatiens, be-

Drainage pipe rims peppers, ageratum, at Chicago's Botanic Garden.

ncrete verbena trough, by Renée Hack. red plant stand, Mrs. Arthur Adams.

ndow box of miniature calceolarias decos Sally Reath's gray-blue garden shed.

MONEY SAVER

David Lingwood made the sturdy tub, *right*, of 28-inch 2-by-2 staves screwed to edge of 33-inch base. Staves are braced outside with metal strip screwed to plywood collar set inside on 3 vertical 26-inch 1-by-1 supports. Base has 3 2-by-4s screwed to 6 2-by-6s sawed to a circle and drilled for drainage—12 ¼-inch holes. Cost with casters: $60.

Red brick wheels set off trees in tubs

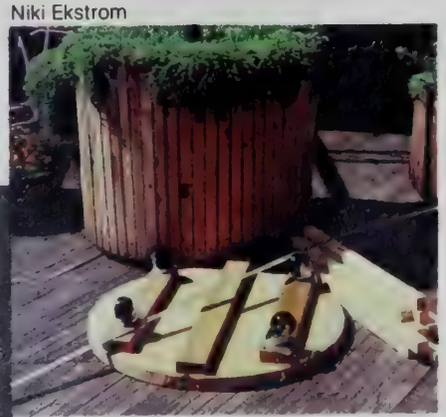
Apple, alyssum, geraniums, and petunias

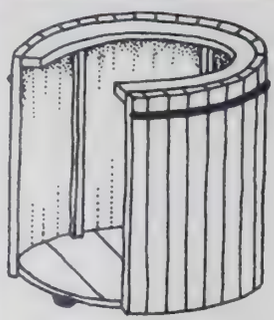
Flowery platform, step-down dining

City garden and orchard grown in barrels and boxes

Maximum effect for minimum effort was the goal on this windy rooftop

Niki Ekstrom





In this first year of this first garden, what was a wasteland of tar-colored brick has become a varied terrain of paths and sunny patios, vibrant annuals, roses, dwarf fruit trees, herbs, berries, tomatoes, perennial borders, and vines. "A bit of knowledge and a lot of common sense were the beginning," says David Lingwood of Modernart Editions, Manhattan. He designed and built the platforms and stationary planters himself. All the tubs, even the whiskey barrels cut in half, have casters—for movability and to insure air and drainage space between tub and hot brick surface. Mr. Lingwood gives his garden dry cow manure and compost in early spring and late fall, water-soluble 15-30-15 in August. He waters daily in the heat of summer.

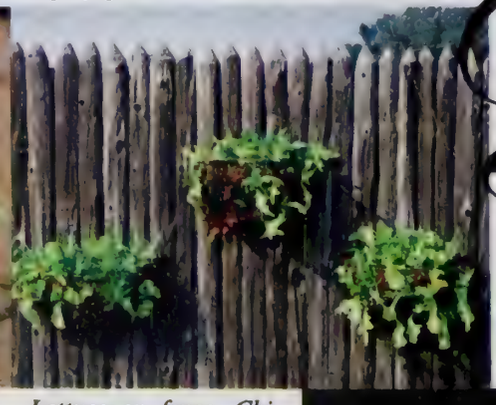
Grow-anywhere gardens

Barrels of salad thrive even in partial shade: blue-green cabbage, green and 'Ruby' lettuce, as pretty as flowers. From the Bayberry Nursery, Amagansett, Long Island.

Parsley and tomatoes in window box at the Philadelphia Flower Show.

Golden tomatoes at Park Seed Company's display garden in Greenwood, S.C.

Herbs in small box. Mrs. Stanley Carrington, Garden Club of America.



Lettuce on fence, Chicago's Botanic Garden.

Honeydew 'Oliver's Pearl Cluster,' 5-inch melon, 2-foot bush. At Park's.

Salad mix in speckled bowl. Bayberry.

Roger Foster, Emerick Bronson

New trend: ornamental edibles

How to grow herbs and vegetables like an expert

Growing crops in containers foils Peter Rabbit and lets you pick your own lettuce without even leaving your chair. The new midget, bantam, patio, and bush varieties of vegetables and melon seeds suit mini-farms to a T, but you're not confined to these. For most herbs and leaf vegetables, a container 8 inches deep is adequate. For root crops like carrots and beets, 12 inches is needed. The smaller the container, the more constricted the roots, so the more often you'll need to feed the plants that abundantly feed you.

See Shopping Information

Niki Ekstrom

HANGING GARDENS

Take a wire basket, line it with wet moss, add soil mix, plant top and sides. Results, *right*, at Botanic Garden, Glencoe, Ill.; more about hanging gardens, see contents.

Parsley and cherry tomato

Cabbage cluster

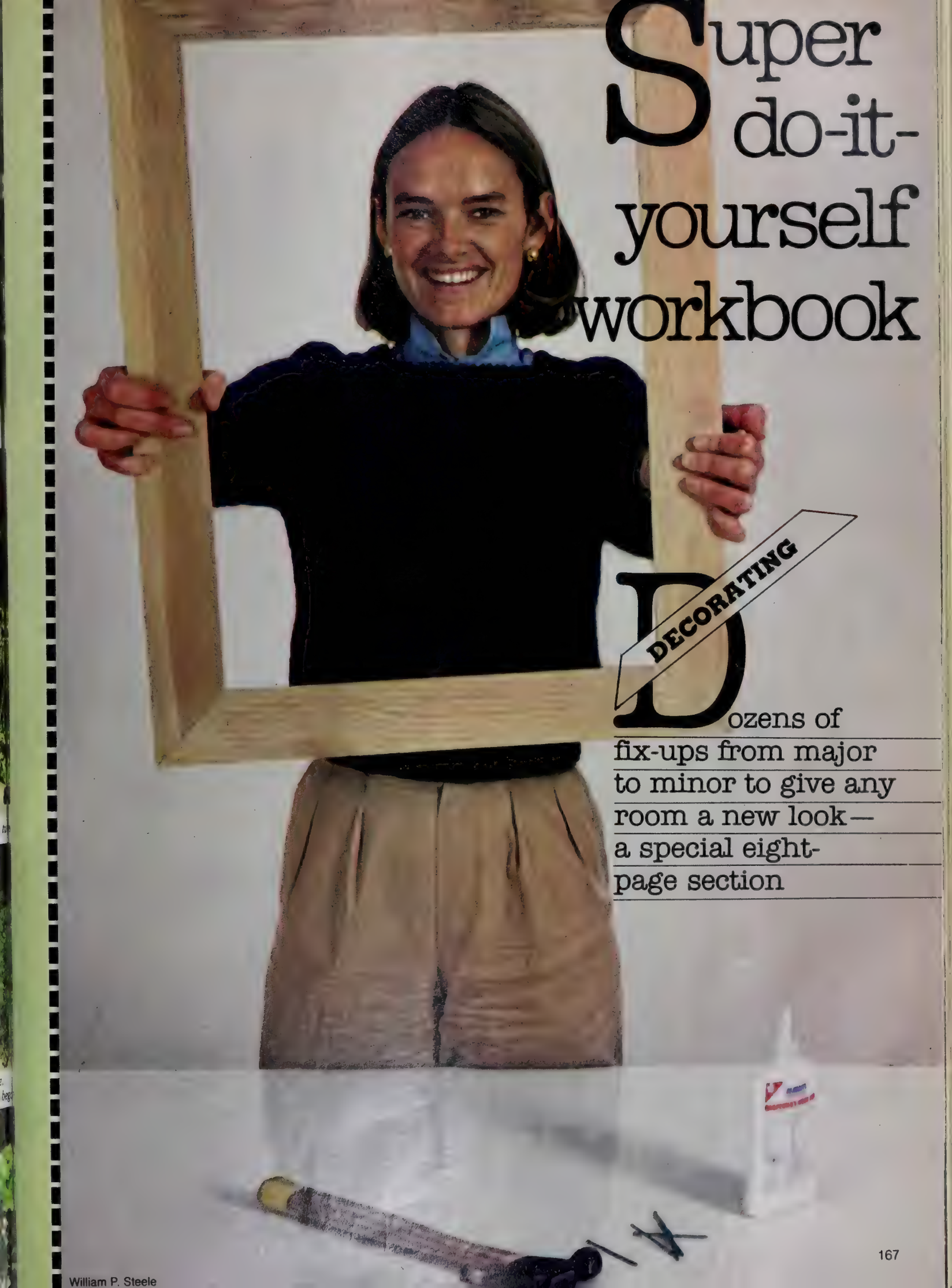
Parsley, lettuce/alyssum, tu

Carrots' ferny foliage. Lettuce, below, with beg

Super do-it-yourself workbook

DECORATING

Dozens of fix-ups from major to minor to give any room a new look—a special eight-page section



William P. Steele

PAPERING

An old-fashioned bathroom gets new country spirit with wallpaper

What a change! This tiny bathroom, inset above, went from cold to cozy, with owners Patti and Tom Falzarano doing most of the work. Decorating inspiration came from John Rieck, who echoed the country flavor of the house with mulberry print-papered walls and ceiling, and double bands of molding around windows, doors, and baseboards. A new stall shower takes the place of a corner closet--Tom installed it, built the sink cupboard, laid the tile floor with a friend's help. "Now it looks like a little French hatbox," says Patti, "with a window on the woods." Rocker and sewing basket, The Wicker Garden. Rug, The Gazebo. Theorem painting, crock, seat pad, America Hurrah. Martex towels.

Left: Tom hangs Souleiado wallpaper from Pierre Deux. Right: Plywood sink cupboard fenced with strips of half-round molding. American Olean tile. Sink and shower walls of Corian by DuPont. Details, see The Inside Story and Shopping Information.

Roger

Finished wall glistens like marble with a coat of gloss varnish, two coats mat varnish, and final buff with a damp, waxed cloth.

A wall turns to marble with the touch of a feather and some new ideas from expert Isabel O'Neil

The real challenge in marbelizing a wall is to avoid vertical paint drips," says Isabel O'Neil. To solve this, Mrs. O'Neil devised an ingenious applicator that anyone can make. Cut an old sleeve or pajama leg 10 inches long, stuff with cotton rags, seal with tape. Paint goes on softly, blends smoothly

Use flat surface and edges of a feather to apply second paint

You'll need two contrasting colors of paint, thinned; background color; mineral

spirits; two 10-inch applicators; 10-inch broad-tipped feathers; pounce brushes; Japan Antiquing glaze (1 part Japan paint, 6 flat varnish, 3 mineral spirits); diluted gloss and mat varnishes. Follow

the steps Mrs. O'Neil's students used for the 9-by-40-foot wall shown on this page. First, prepare wall with an undercoating, and one coat of semigloss in background color. Marbelizing is done in panels, mock-ups worked out first on brown paper (above and inset). Using mock-ups as guides, apply lighter color to wall with 10-inch applicators. Blot immediately with newspaper to avoid runs; make corrections with mineral spirits. Soften edges with brushes. Let dry two days. Darker color is then sparingly stroked with feather to create lateral veins of marble. Two days later, apply Japan Antiquing glaze with large-pored sponge. Roll once with paint roller to soften markings. A week later, apply one coat gloss varnish, two coats mat varnish in daily intervals. Polish with damp, wax-filled cloth. More on Isabel O'Neil in Living.

FRAMING

Frame-it-yourself: in basic pine wood with 10 ideas from two pros, Robert Denning and Neil Scully

THE BASIC FRAME: 18 by 24 inches, in pine--it's easy to assemble. Just glue mitered edges together and nail (two for each joint).

PINE PLUS: The basic pine frame squared off with a wood block glued on each corner. The finish is natural. (It frames mirror, left.)

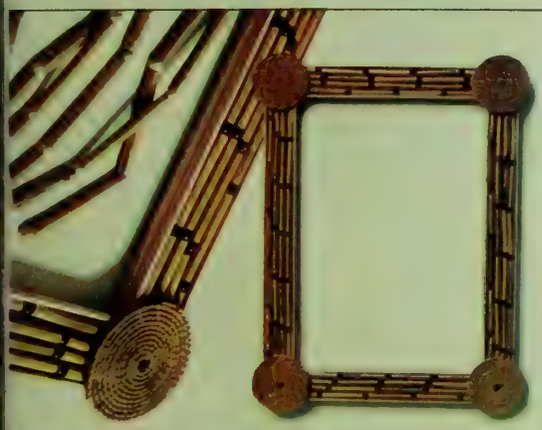
CARDBOARD TEXTURE: Off with the backing--let the corrugation show. Use for block corners and as borders.

William P.

Framing starts with presized canvas stretchers or inexpensive pine (notch the inside edges to create rim for picture). Cut diagonals with miter box; assemble with white glue and finishing nails. Make a simple frame as above, or experiment--Neil Scully of APF Framing, New York, and Robert Denning of Denning & Fourcade show how.

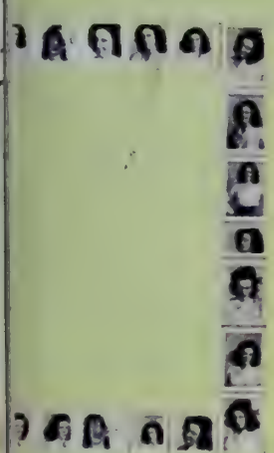
THREE FANTASTIC FRAMES, left, from outside in: 1. Wrapped in brown paper, wood blocks become little packages of color. Glue them on; add plain blocks with cut-out circles at corners. 2. Cover a frame in a kaleidoscope floral fabric. To hide corner seams, glue on extra fabric-covered blocks. 3. On a blue-painted frame, repeated museum postcards look like Dutch tiles. Right: To cover a wood block, cut a larger fabric square; fold flaps like an envelope, glue.

WOOD ON WOOD: For an architectural look, saw thin block of wood to make squares, and glue onto basic frame. Orange shellac gives the grain glow, and Magic Marker borders define each block.



EADS AND THINGS: For instant texture, ue strings of bamboo-and-beads around the ame; add straw coasters at corners. Wood ging keeps it all in place.

ARTWORK FRAMES ART: Brighten a frame with floral brushwork in acrylic, as artist Peter Jon Neilsen has done--it's an old-world idea.

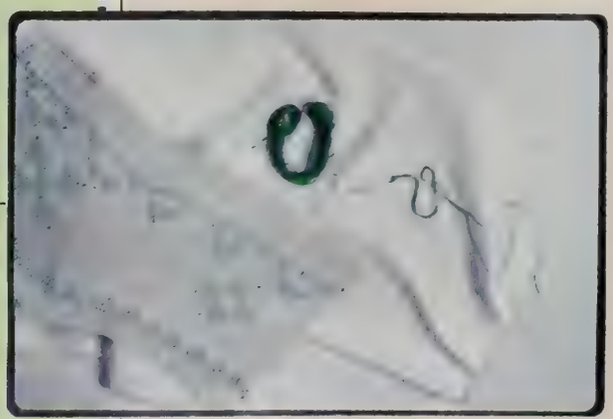


PICTURE YOURSELF: Capture your moods in snapshots and glue them around a frame. Inside, add a mirror, or a big picture of you. Or collect photos of a friend for a surprise present.

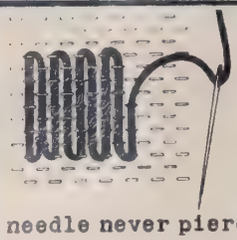
EMBROIDERING

Karen Radkai

Stitch color into your guest towels for an old-country handwoven look



Weaving color into a crisp white towel is as easy as threading a needle, if you use finely woven huck toweling. Its unique weave has tiny loops so you can run floss right under them to create intricate border patterns. Hem towel edges and fringe top and bottom to finish. All the makings for two towels, left, are in a kit designed by Pat Schatz and Frances Gordon of The Huckery. It includes two cotton towels, floss, needle, and complete instructions. See Shopping Information.



Left: To embroider, run thread under loops of the huckery weave--your needle never pierces the fabric, so the embroidery stays on the front. Knot ends by threading floss through loop of last row.

STITCHING

It's all in the trimmings—yards and yards of lace to give simple bedclothes and table linens a refreshing lift

Christian F

Top left: Lace-trimmed linens. Above: Pillows, lacy sheet, trimmings (inse

Below: Cross-stitching a flap.

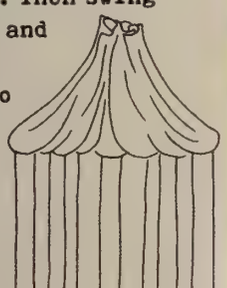
A needle and thread, a basketful of lace, and sheets are all you need to make these lacy beauties--although you may want to enlist the helping hands of your most enthusiastic eight-year-old stitcher. To make baby pillow, cut front piece the size of the pillow plus 2½ inches all around (for ½-inch seams, 2-inch flap). Cut back the size of the pillow plus 2½ inches on top and bottom, 9 inches on sides (for seam, flap, and 4-inch opening). Cut back in half; hem one side of each half. Overlap hems so back and front are same size. Pin inside out and sew ½ inch from outside edge. Turn right sides out and sew 2 inches from edge. Zigzag lace so a bit overhangs flap. You can make the big pillow the same way (or give it a separate ruffled, mitered border like the one shown here). The only difference: After cutting fabric sew four half-inch tucks on the front piece. And for a finishing touch embellish flap with cross stitching. To make Tootsie Roll pillow, cut fabric the length of the pillow plus 4 inches (for seams, casings), the width of the pillow's circumference plus 1 inch (for seam). Zigzag two rows of lace down the middle. Sew casings at each end. To make ruffle, cut two more pieces of fabric, each twice the circumference of the pillow, 6 inches wide. Fold in half and zigzag lace over folded edge, letting a bit overhang. Sew rough edge with a double row of running stitches. Pull to fit around pillow, seam to size. Seam pillow up to casings. Cut off ends of pillow and sandwich ruffles between ends and middle of pillow. Seam closed; thread ribbon through casings. To make patchwork tablecloth, stitch lace in vertical and diagonal rows on fabric. Cut into squares and reassemble, making sure lace rows don't match up. Edge with lace. Make napkins to match, or trim simple dinner squares with lace.

See Shopping Information.

TENTING

Tent a room in just two days with a staple gun and 100 yards of 108-inch muslin

In a recycled 19th-century granary, it took designers George Davis and Bruce Dilts just two days to cover this 17-by-38-by-17-foot room. They used 100 yards of preshrunk, unbleached, flameproofed muslin, 108 inches wide (about $5 per yard). Here's how: Start at center of wall over window. Make a vertical fold along fabric selvage. With staple gun, staple underside of fold to wall from window top to ceiling edge. Then staple along top of wall, making pleats as you go. Repeat for other half of window, and finish by sashing fabric to form curtains. Under window, use same process, this time making horizontal fold along selvage and stapling to wall. Do windows first, then cover walls by stapling fabric directly to top of walls. For ceiling canopy, first measure fabric swag by hanging a string from ceiling center to top of walls. Holding ceiling fabric so that it faces right side to walls, staple each piece as if recovering the walls. Then swing fabric up and gather at ceiling to form canopy and to hide staples.



Staple down at ceiling center. To cover staples, glue natural rope or twisted fabric over the center of the seam.

"Tenting a room can be a great way to decorate in transition while waiting to make bigger decisions," says Mr. Davis. "And the material can always be recycled." The amount of fabric you'll need depends on the size of pleats, width of fabric, and amount of ceiling swag.

"We used about twice the room measurements," says Mr. Davis, "and leftover fabric was used to cover the pillows and table." (For details on how to cover the table, please turn to The Inside Story.)

Beadle

Three designers use flexible build-it-yourself furniture to create three different all-in-one room styles.

Lang/Robertson start with white wood and blues to build a multipurpose bedroom

Here's furniture that's a snap to build and an adventure to live with--because it folds, rolls, and does double-duty. Since January 1979, Peter Stamberg has been giving you instructions on building a furniture wardrobe. (If you missed any, write House & Garden Reader's Service.) Above, ottoman with slip-in back for chair; folding chair; rolling cart; storage on wheels; H-shaped room divider; chaise/bed; wall storage system; stackable étagères; table lowers to coffee table.

Two pyramid chaises, side by side, add up to one big sculptural bed, above--and a room that's more than a bedroom. With comfy chairs, it's ready for entertaining as well as sleeping. Sheets set the scene--they're the bedspread, the slipcovers, and the inspiration for the stencil-it-yourself floor and pillows. For storage, stack two étagères; for a coffee table, pile up two modules. Switch to another blue-and-white look, inset above, by changing the slipcovers and adding an heirloom-look quilt of ready-made yardage you finish yourself. Room by Donna Lang and Lucretia Robertson. Wamsutta ''Trellis East'' sheets by Jay Yang, John Rosselli sideboard, LCS mirror, Gordon Foster plates. Sofa fabric, Brunschwig & Fils; curtains, spread, Manuel Canovas. Painting, Haller Galleries; tiles, Country Floors. Floor painted by Steven Gemberling. Folk art melon, Phillipe Archeletta.

The way to make one large room do everything, far right, is to fill it with flexible furniture and an H-shaped divider that organizes it into four areas bedroom, living room, dining area, inset below, and study inset right. The bed and sofa, in alcoves created by divider, sit on platforms that slide into divider walls. The dining room's collapsible--table top lifts off, X-base and chairs fold flat. Rolling cart works as portable

Complete one-room living--Robert K. Lewis's modular layout adapts for entertaining and sleeping William P. Steele

server. The desk is actual-
y a shelf that locks into a
all frame. More flexibil-
ty to build in: modular
eating, roll-about
haises, and a storage col-
mn on wheels (next to
ed). Designed by Peter
tamberg and Paul Aferiat.
merican Olean tile, Levo-
or blinds, Hunter fan,
uller O'Brien paint, Ga-
ebo sofa quilt, Thos. K.
oodard bed quilt, Poster
riginals poster.

Start with a simple box, above, and keep on adding. Stack two for tables, slip in backs for chairs, add a mattress for a bed, and lots of pillows for comfort. Line the modules up with the sisal-covered platform for a built-in look, or move them to any square on the floor's grid. Photos are lit from below. Étagères team up as stereo center. Room by Robert K. Lewis. Tables, Gordon Foster; sculpture, Betty Parsons Gallery; Levolor blinds. Bang & Olufson stereo; Halo lights; Light Gallery photos.

Stamberg on Stamberg--the furniture designer shows you how all his pieces work together

Do-it-yourself workbook

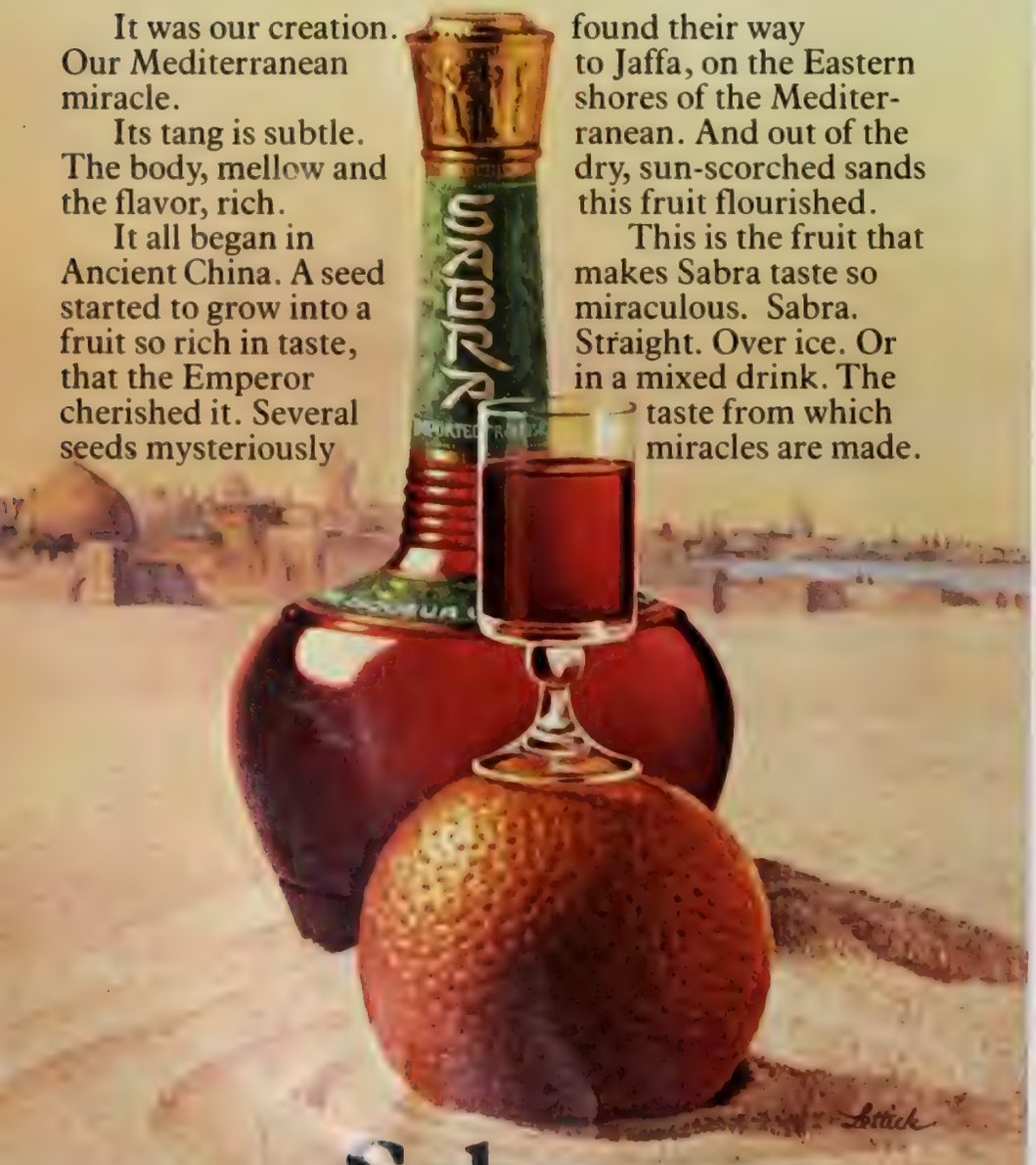
Taste our miracle. Sabra Liqueur.

It was our creation. Our Mediterranean miracle.

Its tang is subtle. The body, mellow and the flavor, rich.

It all began in Ancient China. A seed started to grow into a fruit so rich in taste, that the Emperor cherished it. Several seeds mysteriously found their way to Jaffa, on the Eastern shores of the Mediterranean. And out of the dry, sun-scorched sands this fruit flourished.

This is the fruit that makes Sabra taste so miraculous. Sabra. Straight. Over ice. Or in a mixed drink. The taste from which miracles are made.



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MEAL IN MINUTES

MENU FOR FOUR

Fish with saffron and hot pepper
Celery purée
Coconut macaroon torte

Rev up your cooking with a fresh herb, an unfamiliar essence, or a new spice, as author Bert Greene does. Special aromas and tastes—from almonds to yeast, basil to wine—perk up his favorite dishes and call to mind culinary highlights sampled around the world. This menu, from *Bert Greene's Kitchen Bouquets* (Contemporary Books), features a pungent saffroned fish he tasted in a farm kitchen near Toledo, Spain; celery puréed with rum and cream, served at the Trocadero in Paris; and a childhood treat—"I inherit my celebration of aroma from my grandmother," says Mr. Greene—coconut macaroon torte accented with fresh berries.

Preparation plan

1. Coconut macaroon torte: Bakes 20 minutes, cools during dinner. Beat egg whites and sugar, gently fold coconut mixture into meringue, bake. Whip cream ahead if you like, chill, whisk again lightly before serving.

2. Celery purée: Prepare while torte bakes, keep warm in top of a double boiler. Cook celery and potatoes 20 minutes, purée, stir in butter, rum, cream.

3. Fish with saffron: Chop and mince sauce ingredients and set aside. Sauté fillets a few minutes, until golden. Keep fish warm while you simmer the sauce. Spoon over fish, serve.

Fish with saffron and hot pepper (Pescado insólito)

INGREDIENTS

1½ pounds flounder (or other white fish) fillets
½ cup all-purpose flour
Pinch paprika
Salt, freshly ground pepper to taste
5 tablespoons butter (approximately)
1 teaspoon vegetable oil
1 small onion, finely chopped
1 clove garlic, minced
2 tablespoons white wine or vermouth
Pinch saffron
Pinch crushed hot red peppers
½ teaspoon fresh basil, chopped, or a pinch dried basil
½ cup pecans, chopped
¼ cup parsley, finely chopped
Lemon wedges

Continued on page 197

Opposite page: *Quickly grilled fish with thin asparagus tips, tiny broccoli flowerets, and a fan of zucchini and carrot sauced with two pools of beurre blanc. Photographed in the garden of Michael's Restaurant in Santa Monica, California. For more about Michael's, page 182 . Recipes, page 112 .*

WINE & FOOD

Fresh ways to serve

The first tastes of spring

"Quaker did it."

Put the great taste of corn in a bran cereal.

Presenting the first bran cerea made with the bran of corn: Quaker Corn Bran.

Until now, all bran cereals have been made from wheat. But a lot of people thin wheat bran has a heavy taste and texture. That's why there's Quaker Corn Bran.

Corn Bran gives you the benefit of wheat bran, but every spoonful is burstin with the light, golden flavor of corn. And best of all, Quaker Corn Bran stays light, crisp and delicious even when you pour the milk.

The benefit of bran. The great taste of corn.

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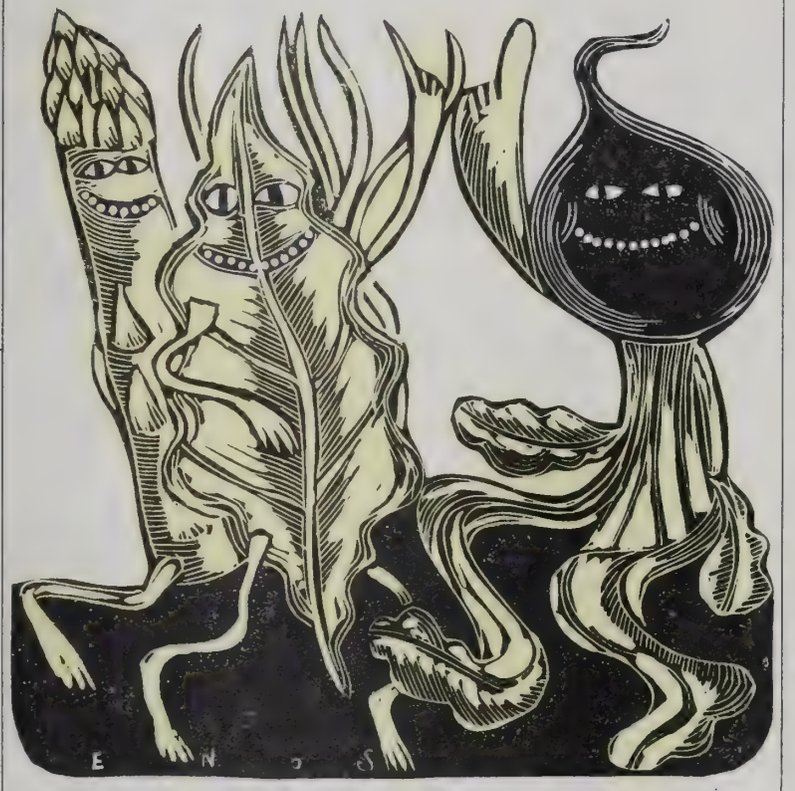
THE BEAUTIES OF SPRING

Ideas and recipes for getting the most out of the season's earliest crops

Think radishes, asparagus, chives, shad roe, rhubarb, lamb, and maple syrup!



The first tender shoots that peep out in April and May seem especially heroic, and are to be cherished. Anticipation of early fruits and vegetables, fish, and lamb starts the imagination working. To help inspire you, we've gathered tips and recipes from good cooks and gardeners to usher in spring.

Truly savoring the "firsts" of the season means treating them simply, using every part. Stroll outdoors on a balmy day to snip chives, winter cress. Search for lovage, salad burnet, garden rocket (arugula), lamb's lettuce to toss in a salad.

If cattails are nearby, prepare the hearts as you would asparagus.

Fiddlehead ferns spring up early—delicious sautéed in butter.

Peel radishes—leave on 1½ inches of green top—and cook down with cream until tender; but they're best enjoyed as is with bread and sweet butter. Judith Olney, author of *Comforting Food* (Atheneum) and director of Pinehurst Cooking School.

Simmer the first tiny red radishes in a small amount of chicken broth until tender—they'll turn pale pink. Toss with new peas and serve. If new peas don't arrive until late in your area, rinse small, fine-quality frozen peas under hot water just to heat through. Madalene Hill, owner of Hilltop Herb Farm, Cleveland, Texas.

Toss marble-sized radishes, tops and all, into a simple green salad, toss with a vinaigrette. Stephen Spector, owner of Le Plaisir, New York City.

Grate radishes instead of horseradish into sour cream for a dressing with bite. Steam whole new radishes with shallots, serve as you would white turnips. Save the tops for Portuguese soup: Cook potatoes and carrots in water until tender, put through a ricer, and stir into enough reserved cooking liquid to make a thick soup. Serve sprinkled with shredded radish tops, and for a hearty boost, sliced country sausage.

Try baby bunching onions as a first course, whole with air-dried beef or ham, chopped herbs, and a sprinkling of oil.

Force extra growth and extend the length of rhubarb stalks by putting a barrel over the growing plant. When very young, the stalks are not yet acid—just dip into a little sugar and eat raw as a crunchy snack. Or cut into chunks, sprinkle with sugar and orange juice, and bake until tender. Bonny Birnbaum, wine importer.

Mild spring greens make a beautiful pasta—gather parsley, fiddleheads, winter cress, and chives, shallots, spring onions, and garlic that have wintered over. Process in a blender with just enough eggs to make a purée, mix with enough flour for a dough that can be rolled very thin; cut into strips and let dry. Boil the noodles 5 minutes, drain, toss with grated Parmesan cheese and a little cream, if needed, to make a smooth sauce. Millie Owen, author of *A Cook's Guide to Growing Herbs, Greens, and Aromatics* (Knopf).

Jerusalem artichokes withstand cold winters, pop up very early. You can dig them up now to use raw in crunchy salads or in stir-fry dishes instead of water chestnuts. If you don't have them in your garden, the supermarket will be selling them as "sunchokes"—keep a few out from the package and plant them for a forever crop of your own (they spread every year). To create a creamy soup, cook 2 pounds Jerusalem artichokes in 2 cups boiling water 15 minutes or until a fork pierces them easily. Drain, reserving liquid. Slip off the skins and purée artichokes with the liquid. Melt 1 tablespoon butter in a saucepan, stir in 1 tablespoon flour, and cook 2 minutes, stirring. Whisk in the hot artichoke mixture and simmer until slightly thickened. Blend ½ cup warm, heavy cream and ½ cup plain yogurt with 1 egg yolk. Gradually add to the soup, stirring constantly. Add 1 pound cooked, peeled, minced shrimp, ½ cucumber, sliced paper thin, and salt and pepper to taste. Reheat, but do not boil. Sprinkle with ½ teaspoon paprika. Serves 4–6. Geri Harrington, author of *Grow Your Own Chinese Vegetables* (Collier Books).

Artichoke stems! Cut them off of Italian (globe) artichokes, peel, slice, and stir-fry in olive oil with little new peas or asparagus—dress with lemon juice and garlic.

As the weather warms enough to linger outdoors, try cooking freshly caught fish in simple Japanese *shioyaki* (salt broiling) style. Lightly salt fish to break down fat under skin and enhance flavors, then grill quickly over hot coals. Maggie Waldron, author of *Fire and Smoke* (101 Productions).

Continued on page 189

Mac Griswold with her daughters Anna Brown, 6, and Belinda, 8, cooking.

Working woman's wonder...

Meals wit beauty, ease, and taste

For a dinner for four, Mrs. Griswold serves shrimp soup, Boston lamb chops with watercress, a salad of baby buttercrunch lettuce, tea ice cream sprinkled with praline. And for a lunch for six, spinach casserole, "bent fish," tomatoes and asparagus, and tangerine soufflé with Mandarine sauce.

Mac Griswold is an entertaining lady who entertains easily, and well. "I want my food t be as amusing and as provocative as I hope the conversation will be around the table. At nig we have dinner in any unexpected corner of my 1875 Maryland house, moving meals around as the Victorians did. But the table is set befor go to work. And if it is a small table in the parlor, I use luncheon plates, even for dinner, to keep it all in scale And when she returns home, Mrs Griswold takes out special staples she has made ahead (in double quantity)--frozen herb butter, Mandarine sauce, jars praline, all small treats whic make a meal more of a party. "I keep bags of washed vegetables the icebox. With these, and so quickly cooked chops, or a fis I've glazed the night before, know the dinner and I are read

Recipes, page 89.

Above: *The spring table is very much Mac Griswold, the cloth a remnant she sewed together to blend with her azaleas. She likes little surprises. The "bent fish," for example, shown in the foreground: "That first came from trying to do a fish in a pan too small," she explains mischievously. "It came out looking as if it were swimming, and I liked that. I place the tomatoes and asparagus around like little fat red-coated soldiers guarding their prize . . . I like to have a lot of ingredients so I can improvise right up to the moment the food is out on the plates."* Below left: *A piquant tangerine soufflé with Mandarine sauce.* Opposite page: *In the parlor, on the dining table, Boston chops with herb butter, 1820 vermeil flatware, a grandmother's silver train of salt, pepper, and fresh violets. For dessert, tea ice cream with praline for taste and sparkle. Alongside, 1840 Chelsea cups.*

Beadle

Kick the drab-food habit with new serving ideas that –

Give your meals a beauty treatment

Color, taste, texture, temperature: four corners of contemporary cooking as practiced at Michael's restaurant in Santa Monica, California. Michael McCarty, owner and creator of the restaurant, believes in the best--fresh ingredients cooked simply: "Most meat and fish are grilled. It caramelizes the flavors, develops taste. We blanch vegetables, make sauces from vinegar reductions." Recipes, page 112.

Michael McCarty with management computer

Lushly planted garden of Michael's

Plates return to the kitchen empty. We bone everything (no wrestling for guests, nor carving for host at parties!); 'garnishes' are edible, not just for presentation. Pattypan squash is sliced widthwise to show ruffled edge, plate arrangements (especially the lamb) translate directly to platters for easy and neat service for parties.

Elyse Lewin

Left to right, top to bottom: *Fish terrine with watercress and tomato sauces • Scallops on watercress purée • Sweet butter, crusty roll mark each place • Grilled saddle of lamb surrounded by vegetables; it's sauced by reduced stock, finished with basil, thyme, red currant jelly • Grilled squab gets a raspberry vinegar sauce • First-course salad teams shrimp, papaya, avocado, watercress, Belgian endive • Crème brûlée in puff pastry, raspberry tart • Fruit sorbets include raspberry, strawberry, papaya, pineapple, orange.*

The California way to good-looking cooking—

Spring make-it-a-meal salads

Flowers bloom all over Bistro Garden restaurant in Beverly Hills, California--on tablecloths, chair cushions, on tables, and all around the outdoor terrace. Owner Kurt Niklas brought his German chef from his other restaurant, The Bistro, and created an environment "where sun and shadow float in and out," says Mr. Niklas, whose menu is a casual mix of German apple pancakes, a Mexican quesadilla, and American fare like chickenburgers and hamburgers. Restaurant design by Barbara Windom and Ann Hawkins.

Lobster Parisienne, above, rests on a bed of vegetable salad bound with mayonnaise. The plate is garnished with egg, cherry tomato, olives, parsley, and a crisp carrot curl—slice ribbons of carrot with vegetable peeler from tip to butt end, making sure to cut across the whole width of the carrot. Drop into ice water to crisp. The salad uses just the lobster tail, leaving the claws for another meal. The shell is used to hold the salad, making the dish easy to make and assemble ahead. Chicken in aspic, left, is studded with carrots, peas, herb sprigs. The aspic presentation can dress up and use up leftovers—vegetables as well as any piece of beef, lamb, chicken. *Recipes, page 197.*

DISCOVERING THE TASTES OF BRANDY

Each country boasts its own style of brandy—some myths, truths, and recipes for "water of life"

BY HENRY McNULTY

The French usually have a word for most things, but when it comes to the water of life, their old saw about "the more things change, the more they stay the same" needs updating. It should be altered to "the more things change, the more they improve," for change is the essence of brandymaking.

For a start, the rather unimpressive wine they use—hardly to be drunk straight—is changed by distillation into the makings of one of the most sought-after drinks there is. This raw spirit is then changed again by aging in oak casks into a smooth, delicious elixir. Even the oak used and preferred, not only in France, but in most places where brandy is made, has undergone a change. Originally it came from forests planted by Jean Baptiste Colbert, Louis XIV's secretary of the navy, who expected it to become ship timber, not containers for the world's best brandy.

Brandy is made wherever grapes are grown, and sometimes where they are not. Brandies differ from each other because of differences in soil, climate, and the vines the grapes grow on. South African or American brandy can hardly help tasting different from Cognac or Armagnac since they are all natural brandies with a regional flavor.

The very industry itself came about through change. The region where Cognac is now made was mainly noted in the Middle Ages for producing salt. Foreigners used to arrive from Britain and Scandinavia to buy it, but rising taxes reduced the salt industry to near collapse. So the Charentais turned to selling their rather mediocre wine to these foreigners and, to save shipping space and costs, began to "burn" it. To their surprise, this burnt version took off. Within 50 years, "*eau de vie*" had made the Charente famous, and salt was forgotten.

Brandy, in those early days, was not expected to taste good. It was medicine. To make it more palatable, producers began to flavor it with herbs and fruit. The medicine became a pleasure to drink, and as tastes developed, brandy got more "pure" and drier. The customers began to drink it, as they did in Dickens' day, with water. Until the phylloxera bug nearly eliminated production of wine in Europe—and with it the making of brandy—brandy was *the* long drink among the connoisseurs.

One story about how brandy became so popular says that a retired soldier, the Chevalier de la Croix Maron, who lived in the Cognac region, noticed that battle-weary soldiers could be revived with a tot or two of distilled grape juice, and that their wounds healed better when it was applied as a disinfectant. He also knew that a 13th-century alchemist, Arnaud de Villeneuve, had claimed that distilled wine—"eau de vie"—could cure illness and prolong life.

The Chevalier had a more specialized objective—his sex life. At first he had little success, but then the Devil took a hand via a dream. In this dream he proceeded to boil the Chevalier alive to separate his soul from his body so he could take possession of the soul. The soul, however, would not separate, so the Devil announced, "Clearly I shall have to boil you again." At this, old Croix Maron awoke, scared but triumphant. The dream had given him the idea for getting at the "soul" of his brandy—distill it twice.

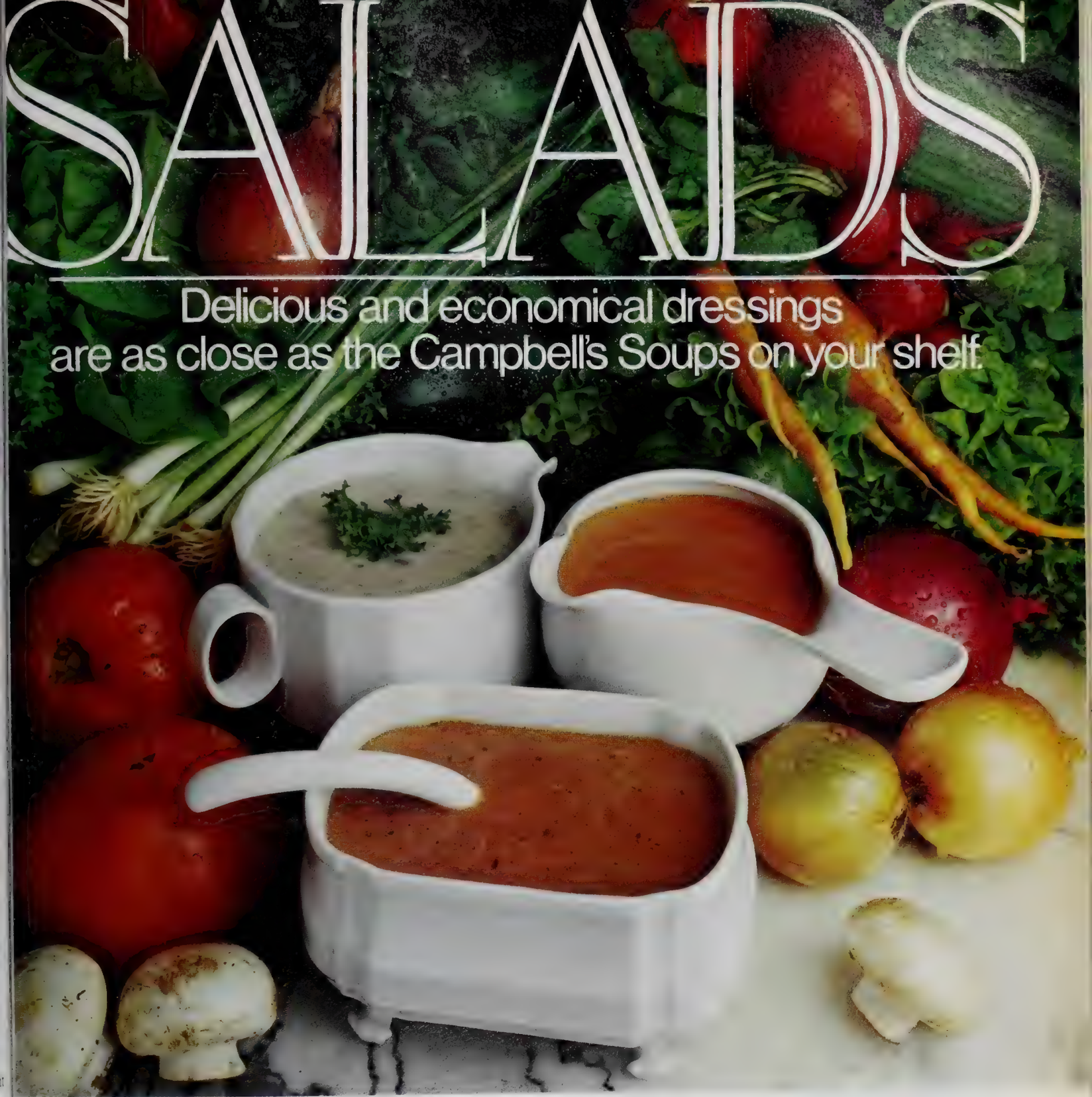
This he proceeded to do, producing a milder-tasting, more flavorful, but alcoholically more potent drink than ever before. Whether this helped him with his personal problem remains unrevealed by the legend, but he did take two oaken kegs of his new discovery to test it out on the monks of Renorville, known for their interest in the good things of life. On tasting it they pronounced this double distillation a wonder, and in their enthusiasm proceeded to consume one whole cask. The Father Superior thought it best to call a halt at this point and hid the second cask in the monastery cellar. There it remained for 15 years.

One day a new regional bishop visited the establishment. An old monk remembered the keg of eau de vie and brought it out for the visiting dignitary. To their chagrin they found it only half full. Its taste and color had improved so much, however, that the good bishop vowed it superb, its

Continued on page 186

SALADS

Delicious and economical dressings
are as close as the Campbell's Soups on your shelf.



Mushroom Dressing

can Campbell's Cream of Mushroom Soup
4 cup water
4 cup tarragon vinegar
½ tablespoons sugar
teaspoon dry mustard
4 teaspoon celery seed
4 teaspoon marjoram leaves, crushed
)ash Worcestershire

n saucepan, combine ngredients. Heat; stir ccasionally. Chill. Serve vith spinach salad. Makes about 1½ cups.

Italian Cheese Dressing

1 can (10¾ ounces) Campbell's Tomato Soup
½ cup salad or olive oil
¼ cup vinegar
¼ cup grated Parmesan cheese
1 teaspoon basil leaves
1 teaspoon oregano leaves
⅛ teaspoon garlic salt

In covered jar or shaker, combine ingredients; chill. Shake well before using. Serve with tossed green salad. Makes about 2 cups.

Zesty French Dressing

1 can (10¾ ounces) Campbell's Tomato Soup
½ cup salad oil
¼ cup vinegar
2 tablespoons sugar
1 tablespoon finely chopped onion
2 teaspoons dry mustard
1 teaspoon salt
¼ teaspoon pepper

In covered jar or shaker, combine ingredients; chill. Shake well before using. Serve with chef's salad or salad greens. Makes about 2 cups.

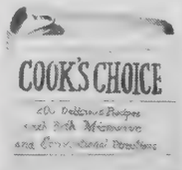
A world of good salad dressings brought home with Campbell's.

Cornelius

for Corning

You can have a ball with the leftovers from your Easter ham—with these ham balls in a zesty orange sauce.* They make a spectacular dish, especially when they're dished out of Corning's elegant-looking "French White"™ casserole. In fact, why wait for Easter to start...

Hamming it up.



1 lb. cooked ham, ground
½ lb. fresh pork, ground
½ cup cracker crumbs
½ cup chopped onion
½ tsp. dry mustard
½ cup milk
2 eggs

Sauce:
⅓ cup firmly packed dark brown sugar
1½ T cornstarch
¼ tsp. ground cloves
1½ cups orange juice

Conventional method: Combine first 7 ingredients in a large bowl; mix well. Form into 1½" balls and place in "French White" 2½-qt. shallow open casserole. Bake at 350° F. for 30 minutes. Mix sauce ingredients in a saucepan. Cook over medium heat. Stir constantly until thickened. Keep warm on low heat. Drain ham balls on paper towels and add to sauce. Simmer on rangetop 15 minutes. Replace in casserole; serve.

Microwave method: Form ham balls as above. Microwave 8 minutes, then rearrange so balls in center move to outside. Cook 5 minutes more, then drain on paper towels. Combine sauce ingredients in casserole. Cook 8 minutes, stirring twice. Add ham balls and cook 5 minutes.

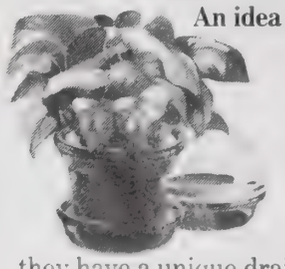
*From Corning's own "Cook's Choice" cookbook. To order a copy, see below.

When it comes to microwave, we wrote the book.

Did you know that Corning Ware® cookware and Pyrex® bakeware are as perfect for microwave ovens as they are for regular ovens? That's why we named our new cookbook "Cook's Choice." At last, here's a cookbook that lets you choose either microwave or conventional cooking instructions. It's a wipe-clean looseleaf binder that's loaded with 200 of our favorite recipes, and lavishly illustrated with color photographs. And although it's a $12.95 value, it's specially priced for Cornelius readers at just $6.95 (plus tax) postpaid.** To order, send me a note, and I'll send you the special order form you need for this offer.

**Available through July 1, 1980

An idea that will grow on you.



You know Corning makes pots—but did you know we also make flower pots? This spring Corning introduces the "Plant Helpers"™ collection of flower pots, scientifically developed to help you grow healthier, more beautiful plants. They're made of handsome tinted glass and they have a unique drainage system to help prevent overwatering. (And they're all beautifully packaged for gift giving.)

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1980 CORNING GLASS WORKS

Good spirits
continued from page 184

aroma subtle, its perfume and taste delicate, and announced that the improvement must have been due to divine intervention and the loss to evaporation. Unfortunately the Chevalier was not around to enjoy this new success. He was already in heaven. But Cognac has been aged in Limousin oak ever since, and the evaporation is known, to this day, as "the angels' share."

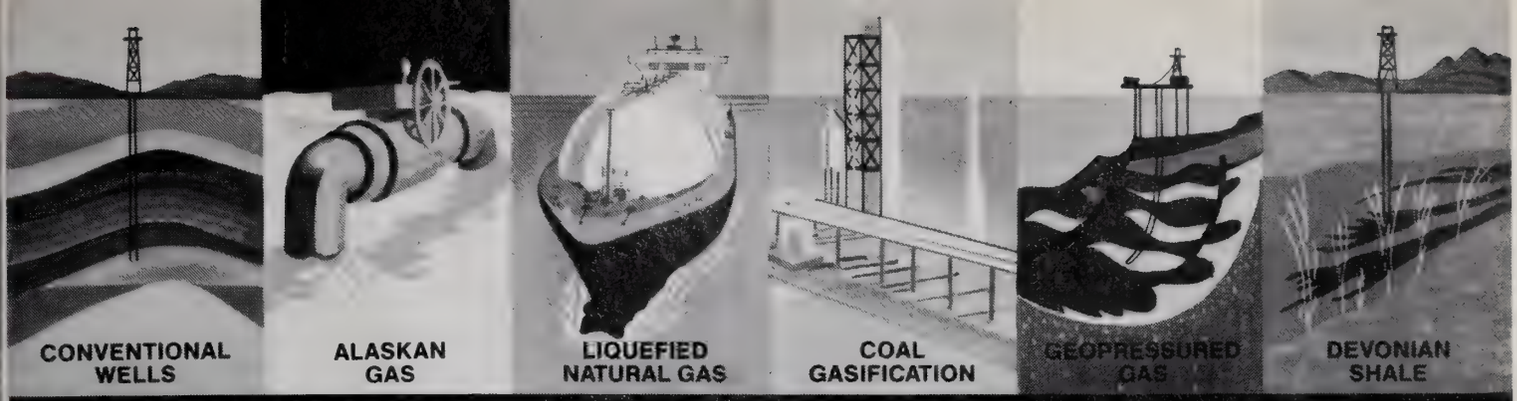
Since then the word "Cognac" has become the best known French word worldwide ("Paris" is second) and a versatile beverage. In France it is drunk formally, the glass being heated in the hand, holding the brandy to the light to appreciate its color, tasting it in little sips. Sometimes brandy is drunk there as a *fine à l'eau,* a long drink with soda water or plain water. The British drink it almost solely after dinner. In Germany it is used all day long; in the United States often in cocktails. The Chinese are, today, the biggest consumers of brandy per capita. The Cognacais think this is because the Chinese consider it a "yin" drink (no pun intended), whereas whiskey is a "yang" one. Cognac also rejoices in that essential element for Oriental approval—it has "face." What's more, they go along with the Chevalier de la Croix Maron. They think of it as an aphrodisiac.

Whatever the reasons, the Chinese use brandy throughout a meal, with water or soda. In Hong Kong alone, 8 million bottles of it are consumed a year. However it is drunk, the modern fashion is to use a tulip-shaped glass rather than the old super balloons. The balloon tends to concentrate the fumes to such a point that they suffocate the sipper. There are dozens of brands, but 80 percent of the business is done by a handful of houses—among them Rémy-Martin, Courvoisier, Hennessey, and Martell. But the lesser-known brands are made with just as much care and attention to quality as the famous ones, and all are government quality-controlled.

Cognac's alter-ego, Armagnac, claims even older origins. Made 150 miles farther south, in Gascony's beautiful rolling countryside (reminiscent of upper New York State), its name is "comparatively recent," having been adopted in 1547! According to its official historians, the earliest record of distillation in the region was in the 12th century.

In pre-savings-bank days, Armagnac was set aside for a rainy day as a farmers' do-it-yourself substitute. When finally sold, it was very old and brought high prices, and the small amount placed on the open market was very special. Today Armagnac-making is still almost a "cottage industry." Some 110 firms exist, but nine important ones account for over half the total output. One

Continued on page 188



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Gas: The future belongs to the efficient.

big producer is the Union Coopérative des Vins d'Armagnac. Monsieur Barre, its president, is protected by an office door with traffic lights. A visitor pushes a button, and if a red light shows, it means "hold everything"; yellow means "just a second" and green means "okay, enter." Since his organization has 6,000 members, this undoubtedly helps to keep him from being mobbed by farmers with their problems.

Spanish brandies are rather sweet and "woody" from having been kept very long in barrels. Spanish brandy is often made by the same firms that make sherry and are aged by the "solera" process, stored in layers of kegs. Young brandy, only once distilled, goes in at the top and siphons down to the lowest layer (slowly, a stage at a time) whence it is drawn off, aged some more, and bottled. It is usually dark, rich, and full-bodied. Fundador, Soberano, Domecq, Veterano, and Osborne are among the well-known brands.

Italy is another big brandy producer. In fact, the Stock brand claims to have the biggest output of brandy in the world. Italian brandy is soft and sweet compared to the French. Italy also makes a goodly amount of "grappa." Like the French "marc," a potent drink made from pomace (the remains of skins and pulp after the pressing of the wine), this brandy is usually rough and highly alcoholic unless well-aged.

In the United States, brandy comes mainly from California, made in continuous stills. The brandy is light and clean-tasting, sometimes having sugar syrup or caramel added for smoothness and deeper color. American brandy tends to be nutty, fruity, and slightly sweet. Brandy was first distilled in California by Franciscan padres, from Criolla grapes which became known as Mission grapes. The Spanish conquistadors brought the vines from Spain to Mexico, thence north some 450 years ago (you didn't think wine was that old in America, did you?). The grapes turn into only so-so wine, but they are all right for brandy. Brandy is not exactly the forte of the new world—so little honor does it have in its own country that Alexis Lichine's fine *Encyclopedia of Wines and Spirits* gives it no more than a passing mention—U.S. brandy, however, is exported to nearly 50 countries, and California alone makes more brandy than does all France.

Brandy production is super-concentrated in the United States, 4/5 of the total output coming from California, with most of the quality product made in the San Joaquin Valley. American brandy is aged in well-seasoned but uncharred white oak barrels. Unlike Cognac, American brandy is a blend of both po and continuous distillation. Both thes facts contribute to making it taste quit different from French brandy. It must by law, be aged at least 2 years. Goo U.S. brands include Guild's Ceremon (8 years old), Old San Francisco (1 years), Christian Brothers' smooth, va nilla-nosed XO Rare Reserve (10 year in wood), Conti–Royale (also 10 years).

South America, too, is a brandy-pro ducing area. Uruguayan "grappa" is on type, and Peru makes "pisco," a pale lemon-colored or clear brandy, some thing like a "marc," usually drunk with fruit juice. Australian brandy is smooth and soft, sweetened. It is light both i body and flavor. Japanese brandy tend to be blended with some imported bran dies and mainly sold on its domestic market. Japan's duties are punitive fo imports of brandy.

Recipes for food and drink using brandy

Marinade for leg of lamb: Stir together ounces red wine, 1½ ounces brandy, ounce vinegar, 3 chopped shallots, chopped garlic clove, 4 ounces olive oil 1 bouquet garni.

Canadian pepper steak: Sprinkle an iron skillet lightly with salt, heat until it be gins to brown, add small steaks and cook over high heat to desired degree of done ness. For each steak, add 1 teaspoon crushed black peppercorns and 1 cup

Turn plain cream pie into higher, lighter, creamy Dream Pie. So easy and m-m-m... so delicious!

On the left, a plain chocolate cream pie. On the right, a luscious Chocolate Dream Pie. It's made with Dream Whip® Whipped Topping Mix, extra Jell-O® Brand Instant Pudding, and milk. That makes the creamy light difference.

Dream Pie is easy to make because you use Jell-O Instant Pudding, so there's nothing to cook. And best of all, you make the pie all in one bowl. Dream Pies look great, taste great, and hold their shape beautifully. You'll want to turn your plain cream pies into higher, lighter, creamy Dream Pies.

GF GENERAL FOODS

ef stock to skillet, reduce over high eat, add 1½ jiggers brandy, flame it, id serve.

evil sauce for steak: Melt ¾ cup butter a saucepan. Stir in 2 tablespoons dry ustard, 2 tablespoons Worcestershire uce, salt and pepper to taste. Add 3 nces brandy, flame, shake the pan un- the flames die, serve over steak imme- ately.

melet flambée: Marinate 10 prunes in cup brandy, basting from time to ne, for 10 hours. Pit and chop them ughly. Beat separately whites and lks of 6 eggs. Add 1 tablespoon sugar yolks, fold into whites, and cook as r a fluffy omelet. Sprinkle in chopped unes when omelet is almost done, then ld omelet in thirds and slide onto serv- g plate. Sprinkle lightly with sugar. st before serving, pour 1 tablespoon armed brandy over omelet and set ight.

'ambéed figs: Drain 1 tin figs and heat a shallow frying pan with a bit of veet butter and 1 ounce each brandy id curaçao. When hot, sprinkle with gar and set alight.

rmagnac and champagne ice cream: ombine 4 cups heavy cream and ¾ cup gar in a large bowl and stir until sugar ssolves. Blend in 1 cup peach purée, ⅔ p champagne, ¼ cup Armagnac, and teaspoon vanilla. Cover and refriger- e until well chilled. Pour mixture into illed can of ice-cream maker (do not fill more than ¾ full), and freeze according to manufacturer's directions. Makes 1½ quarts ice cream.

Dried fruit in Armagnac: Macerate prunes, apricots, figs, pears, peaches, raisins in a jar of Armagnac to cover. Place lid on jar and store in a cool area. Add more Armagnac as fruit absorbs the brandy. The fruit will be ready to serve in 3 weeks. Use as is or to top ice creams, custards, frozen creams, cake.

Brandy semi-freddo: Put 2 scoops French vanilla ice cream and 2 ounces brandy per serving into a blender. Blend thoroughly, pour into chilled tall glass, and serve immediately.

Strawberry cooler: Blend 6 ounces Sauternes with 1 teaspoon each brandy and sugar syrup and 4 strawberries until berries are puréed. Strain into a tall glass filled with ice. Garnish with a fresh strawberry.

Julep-juice: Mix 1 jigger brandy with the juice of 1 lemon in a highball glass filled with cracked ice. Top with apple juice or cider.

Postprandial: Mix equal parts Cointreau, Armagnac, and cold coffee with ice and serve.

Armagnac fizz: Shake 2 ounces Armagnac with 1 teaspoon confectioners sugar, the juice of 1 lemon, and ice. Strain into a tumbler, fill with soda water.

Flying fortress: Shake together equal parts vodka, Cointreau, and Cognac with ice. Serve on the rocks. ■

Beauties of spring

continued from page 179

Rhubarb ice—follow a basic recipe for rhubarb compote, then purée in a food processor. Freeze the mixture, then process again to desired texture. Serve with sliced bananas if desired. Jack Lirio, San Francisco cooking teacher.

Quick rhubarb fool: Cook 2-inch-thick slices of rhubarb with strips of orange zest in a double boiler (do not add water) over boiling water until tender, about 15–20 minutes. Sieve the rhubarb, season with brown sugar, nutmeg, and cinnamon, and fold into whipped cream. Serve with butter cookies. Rebecca More, Benefit Street Cookery Classes, Providence, R.I.

Poach rhubarb in water or broth to add color to an entrée. Or bake in a deep pie crust with chopped fresh ginger root and sweetening to taste.

Rush straight inside with just-pulled dandelion greens and toss in a salad with crisp bacon. Dress with a hot or cold vinaigrette. Maurice Moore-Betty, New York City cooking teacher.

Or cook dandelion greens like spinach, then drain, toss with butter or lemon juice. Steam fiddlehead ferns as you would asparagus, serve with melted butter. Marina Stern, author of *A Book of Vegetables* (Lyceum).

Continued on next page

Chocolate Dream Pie...as simple as a, b, c.

- 2 envelopes DREAM WHIP® Whipped Topping Mix
- 2¾ cups cold milk
- 2 packages (4-serving size) JELL-O® Brand Chocolate Flavor Instant Pudding or any other flavor
- 1 9-inch prepared pie crust
- 1 teaspoon vanilla

a. Prepare whipped topping mix as directed on package (using 1 cup milk and 1 teaspoon vanilla) in large mixing bowl. Add remaining 1¾ cups milk and pudding mix.

b. Whip, then beat at high speed for 2 minutes, scraping bowl occasionally.

c. Spoon into pie shell. Chill at least 4 hours.

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Whether you're fixing family fare or cooking for company, you can count on Revere Ware to turn out meals that turn on compliments.

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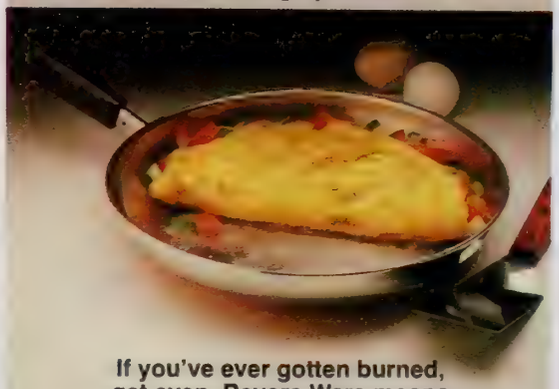
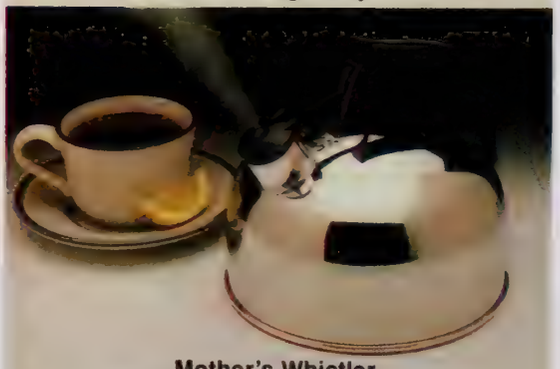


If you've ever gotten burned, get even. Revere Ware means even browning every time.



Mother's Whistler. Revere Ware Tea Kettles last for years and years.

Revere Ware heats evenly at lower temperatures to smooth out sticky subjects.

After years of KP, Revere Ware is still in service.

continued from preceding page

Chives and coriander winter over well, and become main ingredients in this green-specked breakfast omelet. Chinese egg-foo-yung style: Sauté 1 tablespoon each chopped chives, coriander, scallions in oil until limp; add 4 beaten eggs, 1 teaspoon light soy sauce scramble to make a runny omelet, season with white pepper, salt; serve hot.

Or blend the herbs for pale jade-green gazpacho: Chop chives, coriander, scallions, dill, mint in a food processor. Add 1 peeled, seeded, sliced cucumber and enough yogurt to make a creamy soup. Serve chilled.

When snow-pea pods appear and reach 4–5 inches high, snip them off at soil level and sauté the tendrils in hot oil until limp. Add 1 packet crabmeat, 1 tablespoon cornstarch dissolved in 1 cup chicken broth, and simmer until sauce thickens. (Snow pea pods grow well in pots—you can harvest the tendrils a few weeks after planting.) Later, when the pods mature, serve a "grand spring salad": Mix together 1 pound blanched pods, 1 pound blanched scallops, grated fresh ginger, lemon juice, and a dash of oil. Add a handful fresh spring violet blossoms and spoon salad onto curly red-leaf lettuce. May Wong Trent, author of *Eighty Precious Chinese Recipes* (Macmillan).

For a light dinner, fill a fluffy omelet with ricotta cheese, freshly grated Parmesan, and a generous handful of chopped chives. Fold over and sprinkle with more Parmesan and chives. Run it under the broiler until golden. Serve hot with a green salad.

Fresh chives also complement sorrel soup, a springtime classic. Sauté onion until transparent, add chicken broth, peeled and chunked potatoes, 1 bay leaf, salt and pepper. When potatoes are tender, add 2–3 cups finely chopped sorrel. Remove bay leaf, add 2 sliced hard-boiled eggs, and blend in a food processor or blender until smooth. If serving hot, sprinkle lavishly with chives. If cold, blend in sour cream, then top with chives.

Quick mint sauce: Blend together currant jelly, orange and lemon juices and grated zests, crushed mint, black pepper. Press through a sieve if desired, and serve with hot or cold meats. Jo Sokolski, interior designer.

Brand new basil! On scrambled eggs tossed with crumbled feta cheese, olive oil, and cracked pepper; with salted drained cucumbers and cream; over warm potato salad; sprinkled on hot buttered baby beets; puréed with parsley and walnuts, then spread sparingly on strips of grilled red pepper, rolled, and secured with toothpicks. Elizabeth Schneider Colchie, co-author of *Better Than Store-Bought* (Harper & Row).

Heady new herbs add zing to a pist

Continued on page 1

Gibson creates a refrigerator with every feature you've ever wanted. And some you haven't even thought of.

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3. Cold air can escape from a refrigerator even when the doors are closed. But Gibson uses special energy saving *multi-magnet door seals* on all four sides for extra protection against cold air loss.

4. While a good many refrigerators still use fiber glass insulating materials in their cabinets to conserve coolness, our modern *"Silver Lining" foam insulation* allows for thinner walls and greater food storage space, while providing better insulating efficiency.

Shown above: Gibson Model RT17F9.

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You'll also appreciate our *convertible-reversible doors* that convert from right to left hand to fit your kitchen layout. And so you'll never run out of ice cubes in the middle of an evening, an optional *automatic ice maker* is available on most Gibson models.

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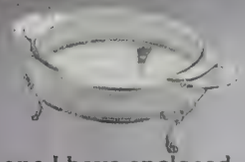
BROCCOLI SOUFFLÉ

½ cup KRAFT Real Mayonnaise
¼ cup flour
1½ cups milk
1 teaspoon salt
1 3-oz. can KRAFT Grated Parmesan Cheese
1 10-oz. pkg. frozen chopped broccoli, thawed, drained
4 eggs, separated

Combine mayonnaise and flour; mix well. Gradually add milk; cook, stirring constantly over low heat until thickened. Add salt and cheese, continue cooking until cheese melts. Cool slightly; stir in broccoli and slightly beaten egg yolks. Fold into stiffly beaten egg whites; pour mixture into 1½ quart casserole. With tip of spoon, make slight indentation around top of soufflé to form a top hat. Bake at 300°, 1 hour and 15 minutes. Serve immediately. VARIATION: Add ¾ cup finely chopped ham and omit salt. 6 servings



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Beauties of spring
continued from page 190

chio mayonnaise, to serve with poached fish or steamed vegetables: Season a blender-made mayonnaise with spinach, parsley, garlic, fresh tarragon, and pistachio nuts. Lou Seibert Pappas, food editor of *The Peninsula Times Tribune*, Palo Alto, Calif.

Toss Colorado wild asparagus (or any thin asparagus) with cooked fresh fettucine in olive oil, garlic, butter; season with salt, pepper, and generous gratings of Parmesan cheese. Harley Baldwin, developer of Bridgemarket, New York City.

A 3½-minute asparagus "stew"—peel asparagus and cut on the bias. Steam 1½ minutes in a skillet with 1–2 tablespoons water. Add 2–3 tablespoons butter, 1 tablespoon chopped chives and parsley, and shake the pan to form a natural *beurre blanc* sauce. It's a simple accompaniment to hothouse lamb, which should be cooked to retain only the barest hint of pink. Brown a 1½–1¾-pound leg of baby lamb in butter in a Dutch oven. Add 4–5 cloves of garlic, 1 halved onion, and braise in its own natural juices 30–45 minutes. Deglaze the pan with 1–2 tablespoons water, spoon over sliced meat. Jacques Pépin, author of *La Technique* (Times Books).

Team spring lamb with crisp-tender carrots and turnips—glaze them with fresh maple syrup! Or cook Spanish pumpkin with maple syrup and vinegar for a sweet-tart compote. A plus in glazes and icings for desserts, maple syrup can flavor a mousse all alone before summer fruits arrive. Seppi Renggli, executive chef of The Four Seasons Restaurant, New York City.

Macerate fresh or frozen blueberries in pure maple syrup to taste—let them sit out an hour before serving, add a dollop of sour cream and a dash of cinnamon. Peter Kump, New York cooking teacher.

Fail-proof shad roe: Sprinkle shad roe with melted butter, salt and pepper to taste. Bake at 500° *exactly* 11 minutes, serve piping hot with lemon wedges and chopped parsley.

Fresh trout, cooked the old-fashioned way—sprinkle with salt and pepper, place on half-cooked bacon slices, cover with more half-cooked bacon, and bake at 450° 10–12 minutes, or until the fish flakes easily. Marjorie Blanchard, author of *Backyard Harvest* (Bobbs-Merrill).

Colorado trout à la Primavera: Melt 6 ounces sweet butter in a skillet with ¼ cup olive oil. When hot, place 2 fresh trout, lightly dusted with flour, in the pan, and sauté over medium-high heat until nicely browned on both sides, about 8–10 minutes. Remove to a warm serving platter. Pour out half the fat from the pan, add a bit more sweet butter, ½ cup finely chopped walnuts, 2 cloves finely chopped garlic, and 3–4 finely chopped anchovy fillets. Sauté gently 1 minute, add the juice of ½ lemon and ½ cup dry white wine, bring to a boil, and reduce by ¼. Stir in ⅓ cup chopped fresh parsley, salt and freshly ground black pepper to taste, and pour over trout. Serve the trout at once. Carl Jerome, chef at Ristorante Primavera, Aspen, Colo. ■

Beautiful meals
continued from page 117

METHOD

☐ Blanch the 2 bunches watercress 1 minute in a saucepan of boiling salted water. Remove and drain. Squeeze out excess moisture and chop roughly. Melt 1 tablespoon butter in a skillet, add the shallots, and sauté gently until soft. Add the watercress, sauté several minutes more, then purée mixture in a food processor or blender and set aside.

☐ Place the pike and 8 ounces sweet butter in a food processor and process until completely mixed and smooth. Season to taste with salt, pepper, and nutmeg, then fold in the whipped cream.

☐ Line a heavily buttered 2½-quart loaf pan or ovenproof terrine with the puréed watercress, ¼ inch deep. Press it down with your fingers. Spread a layer of pike mousse on top, then place rows of green beans, lobster, and salmon down the center. Sprinkle with a dash of saffron, then spread more mousse on top. Continue alternating mousse and green beans/lobster/salmon until the pan is filled. Cover with a piece of buttered wax paper and place in a larger baking or roasting pan and pour in boiling water to come halfway up the sides of the mold. Bake in a preheated 350° oven 45 minutes. Let cool in pan 45 minutes at room temperature, then chill in the refrigerator at least 3 hours.

☐ Mix together the tomato and chopped basil in a small bowl. Set aside. Place the egg yolks in a bowl, beat lightly, season with salt, pepper, and mustard, then beat in the oil drop by drop until the mayonnaise thickens. Beat in the rest of the oil by tablespoonfuls. Stir in the chopped watercress.

☐ Run a sharp knife dipped in warm water around the edge of the mousse to loosen. Invert onto a serving platter. Cut in slices, place on individual serving plates, and serve with a spoonful of the tomato sauce and the mayonnaise. Serves 10–12.

Note: If you prefer, you can substitute 6–8 large scallops for the green beans, lobster, and salmon. Simply spread half the pike mousse on top of the puréed watercress, top with the scallops, and spread the remaining mousse over the scallops. Bake as directed.

Crème brûlée

INGREDIENTS

7 egg yolks
6 tablespoons sugar
3 cups heavy cream, scalded with 1 vanilla bean
6 ounces puff pastry scraps, at room temperature
Brown sugar

METHOD

☐ Combine egg yolks and sugar in the top of a double boiler and beat over hot water until slightly thickened. Remove eggs from over the water, whisk cream slowly into the egg mixture, and return to base. Let stand over hot water on lowest possible heat, whipping occasionally, about 30 minutes.

☐ While the mixture cooks, line a deep 8-inch round cake pan or shallower 9-inch pan with the puff pastry scraps. Prick well all over and bake in a preheated 400° oven several minutes, until lightly browned. Remove from oven, cool slightly, and strain cooked custard into baked shell. Cool, then chill thoroughly. Sprinkle top with an even layer of brown sugar. Run mold under the broiler until sugar melts and caramelizes (watch carefully that it does not burn), then refrigerate until set. Serves 6–8.

Raspberry tart

INGREDIENTS

8 ounces sweet pastry dough
3 eggs
8 ounces sugar
1½ ounces flour
6 ounces butter, heated until nut brown and kept warm
Vanilla extract
Red currant jelly, melted
1-2 pints fresh raspberries

METHOD

☐ Roll the pastry dough out on a floured surface, then transfer to a 9-inch tart shell. Refrigerate.

☐ Beat the eggs lightly in a bowl, then beat in the sugar. Whisk in the flour. Whisk in the warm butter and a dash of vanilla. Pour mixture into the tart shell and bake in a preheated 350° oven 25 minutes, until brown. Let cool on a rack. When cool, glaze the top of the tart with red currant jelly, then decorate with raspberries and glaze once more. Serves 8.

Fruit sorbet

INGREDIENTS

1 cup sugar
2 cups water
1 quart fruit purée: black currant, raspberry, kiwifruit, grapefruit, or papaya
Juice of ¼ lemon

METHOD

☐ Stir together the sugar and water in a heavy saucepan, heat to boiling, stirring until sugar dissolves, then boil 5 minutes. Remove from heat and let cool to room temperature.

☐ Combine the sugar syrup, fruit purée, and lemon juice. Place in an ice cream freezer and freeze according to manufacturer's instructions. ■

More recipes, page 19

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bring salads
ntinued from page 183

obster Parisienne

GREDIENTS

1¾-pound lobster, cooked
ounces mixed diced carrots, beans, peas, cooked
ounce potatoes, boiled and diced
½ ounces mayonnaise, preferably homemade
lt, white pepper
mon juice
orcestershire sauce
leaves Bibb lettuce
redded lettuce
hard-boiled egg
cherry tomato
carrot curl
ripe olive
green olive
radish
rsley

ETHOD

Cut the lobster shell in half with scissors as not to cut into the meat. Remove lobter tail from shell and rinse and dry the ell. Reserve claws for another use.

Mix together the cooked vegetables d mayonnaise and season to taste with lt, pepper, lemon juice, and Worcesterire sauce. Fill the lobster shell with this lad. Slice the lobster meat thinly on an gle and arrange on top of the salad. ace the filled shell on a plate lined with b and shredded lettuce, then garnish h the remaining ingredients. Serves 1.

hicken in aspic

GREDIENTS

3-pound chicken
stalks celery
onion
ay leaves
lt, cracked black pepper
carrot
gg whites
ounces gelatin, softened in ½ cup water
teaspoon tarragon leaves
cup carrot, sliced into "flowers"
pound asparagus, cooked
veral sprigs dill
cup fresh peas, cooked
b lettuce
e olives
rrot curls
adish roses
rsley sprigs
yonnaise

THOD

Place the chicken in a large kettle with celery, onion, bay leaves, salt, 1 teaon cracked pepper, and carrot. Pour in er to cover and simmer chicken 25 mins or until done. Let cool in broth, then move and debone.

Strain 1 quart of the chicken stock into other pan and skim surface of all fat. d the egg whites, gelatin, tarragon, and black pepper to taste. Bring mixture to a boil over low heat, stirring constantly, then simmer very gently 10 minutes. Let cool briefly, then strain through several thicknesses of cheesecloth and chill in refrigerator until syrupy.

☐ Set aside about 2 cups aspic. Coat a 10-ounce round or oval mold or dish with about ⅔ cup aspic. Chill in refrigerator until set. Dip carrot flowers, 1 or 2 stalks asparagus, dill sprigs, and peas in aspic; arrange on top of set aspic in mold. Cover with small amount aspic, let set again.

☐ Slice 1 chicken breast in half, dip in aspic, and place in mold with 1 thigh, dipped in aspic. Cover with the rest of the aspic and let set. When ready to serve, unmold onto a chilled serving plate and garnish with several asparagus spears, the lettuce, olives, carrot curls, radishes, parsley, and a spoonful of mayonnaise. Serves 2. ■

Meal in minutes
continued from page 176

METHOD

☐ Pat fish dry; cut large fillets in half. Combine the flour, paprika, salt, and pepper. Roll fish lightly in flour mixture; shake off any excess.

☐ Melt 3 tablespoons butter with the oil in a large, heavy skillet. Sauté fish over high heat until golden on both sides, adding more butter if necessary. Transfer to serving platter and keep warm in a 275° oven.

☐ Add 2 tablespoons butter to skillet. Cook onion and garlic over low heat 2 minutes. Add the wine, saffron, hot pepper, basil, and pecans. Cook over medium heat, stirring constantly, until pecans are toasted. Stir in parsley. Spoon over fish. Garnish with lemon wedges. Serves 4.

Celery purée

INGREDIENTS

3 large ribs celery, chopped
1 inner heart of celery with leaves, chopped
2 baking potatoes, pared, cut into 1-inch cubes
Salt, freshly ground pepper
2 tablespoons strong chicken stock
1 tablespoon butter
1 tablespoon light rum
⅓ cup heavy cream
Chopped parsley for garnish

METHOD

☐ Place celery, celery heart, and potatoes in a saucepan of boiling water seasoned with salt and pepper. Cook until tender, about 20 minutes. Drain.

☐ Purée vegetables and add chicken stock.

☐ Place purée in a saucepan over low heat, stir in butter, rum, and cream. Heat, stirring frequently, 5 minutes. Taste for seasoning; add salt and pepper if necessary. Sprinkle with parsley. Serves 4–6.

Continued on next page

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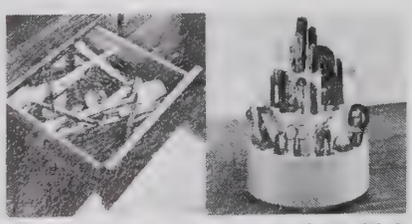

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Meal in minutes
continued from preceding page

Coconut macaroon torte

INGREDIENTS

4 egg whites
Pinch salt
½ cup sugar
3 tablespoons light rum
1½ cups sweetened shredded coconut
¼ cup almonds, blanched and ground
2 tablespoons all-purpose flour
½ teaspoon lemon zest, grated
Fresh berries or pitted sweet cherries
Whipped cream

METHOD

☐ Beat egg whites with salt in a large bowl until soft peaks form. Gradually add sugar; beat until stiff and shiny. Beat in rum.

☐ Combine coconut, almonds, flour, and lemon zest. Fold gently into egg-white mixture.

☐ Butter and flour a 9-inch round cake pan. Spread mixture evenly over bottom. Bake until top is light brown, about 20 minutes. Cool in pan on wire rack. Unmold and mound top with sweetened berries and cream. Serves 6. ■

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SHOPPING INFORMATION

PRICES APPROXIMATE
State and local taxes additional.
***Consult your interior designer or department store decorating service.**

Flowers: (pages 132–137) From Tony's Flowers, NYC 10021.

MINIMUM MAKEOVER
Pages 138–143:
"Antela" red lacquered dining table: 66½" x 47½" x 28½" high, $976. **"Ming" cocktail table:** 48" x 46" x 13¾" high, $669. Both designed by Kazuhide Taka Hama and at Abitare, NYC 10021. **"Celesta" upholstered furniture:** Each channel filled with separate bag of down. Center module, 34" sq. x 33½" high, $935. Corner, 34" sq. x 33½" high, $1,136. Chaise, 34" x 33½" high, $1,314. Pouff, 34" sq. x 16½" high, $644. Designed by DePas, D'Urbine, Lomazzi and at Abitare, NYC 10021. **Orchids:** From Tommy Pashun, NYC 10011.

SPRING COLORS
Pages 144–145:
"Sambre Figured Texture" cotton and linen fabric: 49" w., 1½" repeat. Shown in peach with celadon and white. About $37.50 yd. **"Poppy Vase" glazed cotton chintz by Designers Guild:** 48" w. x 24" repeat. Coral color. About $28.50 yd. Both from Brunschwig & Fils*, NYC 10022. **"Okura" cotton fabric:** Mint color. 55" wide, 5" repeat. By Clarence House*, NYC 10022. **Upholstery:** By Alex Bank*, NYC 10028. **Crystal pieces:** "Swirl" candleholders, about $660 each. "Kalimnos" vase: Small, about $90; large, about $140. Tall "Cyrille" vase, about $270. All at Baccarat, NYC 10022. **Two paintings:** From the Bouquet of Flowers series by Bob Kane. At Haller Gallery*, NYC 10022. **Green crackle vase:** 17" tall. To order in various sizes, colors, At Limited Editions, NYC 10021. **"Light Green Shagreen Lacquer Technique" Milano box:** Suede-lined. From Karl Springer*, NYC 10022. **One-of-a-kind antique Chinese wedding trunk:** Similar trunks available. From Roundtree*, NYC 10022. **Small antique leather Chinese trunk:** From John Rosselli*, NYC 10021. **Polished brass or chrome pin-up lamp:** With 2" x 3" back plate, 12" stem, 12" diam. linen shade, 26" arm extension. Takes a 50-200-250-watt 3-way bulb. About $106. Optional cord covering available, about $9 ft. By Koch & Lowy. For store near you write Koch & Lowy, 940 Third Ave., NYC 10022. **"Feather Edge" handforged English sterling silver flatware:** About $995 the 5-piece placesetting. At James Robinson, NYC 10022. **"Blue Dragon" bone china:** About $145 the 5-piece placesetting. By Royal Worcester. At B. Altman & Co., NYC 10016. **Antique cups and saucers, dishes, and plates:** Late 18th c. and early 19th c. At Bardith Ltd., NYC 10021. **"Venice" dhurrie rug:** 8½' x 10½'. Handmade in India. From Rosecore Carpets*, NYC 10022. **Plia folding stacking chair:** Tubular steel frame—chrome finish on tubular steel. Shown in Cellidor translucent plastic. Also in clear, smoke colors. About $79. Or in cane, about $90. At Ambienti Design, NYC 10022. **"Circle End" coffee table:** 22" wide, 18" high, covered in off white linen and lacquered. About $1,250. By Barrett Hill*, NYC 10022.

AMERICAN CRAFTS
Page 146:
Terra-cotta pot: 17" diam. x 9" high. $125. Designed by Piero Fenci. At Main Street Gallery, Nantucket MA 02554.
Page 147:
Handblown perfume bottles: Feather-topped on left, $120. Small one on right, $50. By Leon Applebaum. At Contemporary Art Glass Gallery, NYC 10021.
Page 148:
Glass goblet: With frosted bowl, clear stem. $18. By Tim and Pia Hart. At The Elements, NYC 10021. **"Fiddle Thread" handforged sterling silver flatware:** About $995 the 5-piece placesetting. At James Robinson, NYC 10022. **"Eco" white porcelain dinner plate:** $7.50. At Richard-Ginori, NYC 10022. **Handmade baskets:** Of wild grape vine and hand-stained ash. Large, with handle: 3' x 4' x 3', $200. Small, 28" x 29" x 21", $84. By Marian Frances Thompson. At Lord & Taylor, NYC 10018; Nantucket Looms, Nantucket MA 02554. **Ceramic basket with raku:** 12" wide, 12" high, $150. Designed by Piero Fenci. At Main Street Gallery, Nantucket MA 02554. **Tablesetting:** (lower right) "Vermont" handmade crackle-glaze porcelain: Dinner plate, $25. Salad bowl, $18. Designed by Tiffany & Co. "Salem" sterling silver flatware: About $207 the 5-piece placesetting. By Tiffany & Co. Large bowl with pears: shown in brown. Designed by Eric Reiff. $900. Covered gourd dish: Medium-size, $55. Seedpod vase: Large, $48; small, $20. Salad bowl, $45. Cylindrical vases: 7", 10½", and 12" tall, $10, $12, and $17, respectively. By Hager Pottery for Tiffany & Co. Covered tureen dish: $20. Kosta Boda crystal water glass etched with flower garlands: 12 oz., $18.50. Etched 10 oz. red wine glass, $18.50. Café decanter: 1 qt. capacity, $27.50. All at Tiffany & Co., NYC 10022 (not shown in catalogue, which is $2). **Fabric** for custom-sewn tablecover: "Yalis Chintz" glazed cotton fabric: 50" wide, 6½' repeat. Shown in "gold." About $21 yd. By Brunschwig & Fils*, NYC 10022. **Flowers:** From Robert Springman's Celebrate Nature Designs, NYC 10011.
Page 149:
Settee of American black cherry: 60" x 21" x 45" high. $780. Handmade by Stephen Swift Woodworker, Nantucket MA 02554. At Lord & Taylor, NYC 10018. **Handblown glass plates:** 13" x 14½" diam. Shown in blue watery green, and lilac. $128 each. Designed by Randy Perkins. At Design-Technics NYC 10022. **"Old English Shell" English stainless steel flatware:** $39.50 the 5-piece dinner placeseting; $35.20 the luncheon-size. Pair of English **pewter casters:** c. 1780, $13 each. Two early 19th c. English **pewter mugs:** Pint-sized one by Samuel Mason, $150. Half pint-sized one by Geradin & Watson, $150. All at Price Glover, NYC 10022. **Cream- and plum-colored cotton napkins:** $8 package of 4. At Laura Ashley, NYC 10021. **Mohair and wool bedspread:** To order in a variety of colors. Size shown, about $535. **Matching 4' x 7' throw:** To order, about $150 each. At Lord & Taylor, NYC 10018; Nantucket Looms, Nantucket MA 02554.
Pages 150–151
Windsor chair: 22½" x 16" x 42" high. By Thomas Moser Cabinet Makers, New Gloucester ME 04260 (catalogue, $2). **One-of-a-kind straight-sided lustre salad bowl:** By James Howard. At Nena's Choice Gallery, Bergdorf Goodman, NYC 10019. **Hand-blown oxblood-red glass vase:** 4½" tall. $13 By Donald Carlsen. At The Glass Store, NYC 10028. **Swan quilt:** 86" sq. Handquilted, with appliquéed swans with hand-embroidered beaks and eyes. $1,500. By Galina Stepanoff-Dargery. At Makers Gallery, NY 10012. **White hemstitched sheets:** Of long-fiber Egyptian cotton. Queen-sized top sheet $154. Queen-sized bottom sheet, $11 French-style pillowcases: Standard-size, $7 each. Baby-size linen one, $20. At D. Portault, NYC 10022. **Cotton and linen rag rug:** 3' x 6'. Made to order. About $350. By Gwen Gaillard. At Lord & Taylor, NYC 10018; Nantucket Looms, Nantucket MA 0255 **Quilt rack of Brazilian mahogany:** 33" x 1 x 36" high. $175. Handmade by Stephen Swift, Woodworker, Nantucket MA 0255 At Lord & Taylor, NYC 10018. **One-of-a-kind dark brown, gloss-finished teapot:** Wi bamboo handle. By James Howard. A Nena's Choice Gallery, Bergdorf Goodma NYC 10019.

READY-MADE HOUSE
Pages 151–157:
You can visit the Scholz house Mark XI at Shadow Lake on Jackson Road ne Medford, N.J. Bamberger's decorati studio has furnished and decorated similarly to the house on pages 152-15 Watch your paper for dates and activiti featuring House & Garden staff me bers, or write House & Garden Mercha dising Dept., 350 Madison Ave., N York, N.Y. 10017 for more informatio

"Mark XIV" panelized home: Available in states east of the Rockies. For a two-volu set of both Scholz catalogues ("Custom C lection" and "New Generation Collection send a check or money order for $25, paya

Continued on page 2

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to Scholz Homes, to Scholz Homes, 3103 Executive Parkway, Toledo OH 43606. **"Teton" prefinished hardboard exterior siding:** 4' x7', 4' x 8', 4' x 9', 4' x 10' panels, in 7/16" or ½" thickness. Shown in "wheat" color; also available in "driftwood," "auburn," or "chestnut." About $22 per 4' x 8' panel. By Georgia-Pacific Corp. **On trim:** #719 semi-transparent stain by Olympic Stain division of Comerco. **Floor tile:** Shown in foyer, family room, garden room, dining area, kitchen, craft room, and greenhouse: "Primitive Encore," 8" sq. Shown in "sand." By American Olean. Unless otherwise indicated, the **furnishings and accessories** in the Scholz House credited to Macy's are available at the Herald Sq., NYC 10001 store and at the following branches: Kings Plaza, Brooklyn NY 11234; Staten Island NY 10314; Parkchester Shopping Center, Bronx NY 10462; Flatbush NY 11226 (no furniture or carpeting at this location); Roosevelt Field, Garden City NY 11530; Bay Shore NY 11706; Smith Haven, Lake Grove NY 11755; Huntington Station, Huntington NY 11746; Massapequa NY 11750; White Plains NY 10600; New Haven CT 06509; Colonie Shopping Center, Albany NY 12205; New Rochelle NY 10801; Elmhurst, Queens NY 11373.

Foyer:

English pine table: 48" x 22" x 28" high. c. 1890. Two antique brown crocks. Antique oval tin box. All available at Macy's Corner Shop, Herald Sq., NYC 10001 only. **Ceramics** in the shape of a pumpkin, acorn and pattypan squash: Oven-, freezer-, and dishwasher-safe, with leadfree glazes. By Barbara Eigen for Eigen Arts. **Pale opeanweave basket.** All at Macy's. **Untitled oil-on-canvas painting:** 42" sq. About $1,200. By Riduan Tomkins, 1976. At Betty Parsons Gallery, NYC 10019. **19-c. English ceramic milk bowl:** Cream glaze interior. From John Rosselli*, NYC 10021.

Family Room:

Sofa: 90" x 40" x 30" high. With 3 loose seat and back pillows; casters. Covered in off-white textured cotton damask. Matching upholstered **chairs:** 32" x 34½" x 30" high. With loose seat and back cushion, rounded back and rolled arms, casters. Matching **bumper:** 29½" sq. x 17" high. Attached seat cushion recessed feet. All from the Folio 500 collection by Henredon. **Black-laminate-topped cocktail table:** 54" diam. x 19" high. With chrome base and side pulls, casters. By Thayer Coggin. **Slatted oak folding table:** 20½" x 22" x 17" high, natural finish. By Dahle. **Green glazed pot.** Two striped Indian cocoa-fiber **rugs:** 8'3" x 11'6" each. All at Macy's. Two sets of **antique Tonsu chests:** 36½" x 16" x 19" high. Natural wood with black wrought-iron mounts, two drawers each. **Dark brown two-handled jug. Brown crock** with wooden top. All from the antiques collection, Macy's Corner Shop, Herald Sq., NYC 10001 only. **"Bridgeport Lantern Pine" wall paneling:** 4' x 8' sheets, ¼" thick. About $18-$21 sheet. By Georgia-Pacific Corp. **White vertical blinds:** On sliding door. Made-to-measure. By Levolor Lorentzen. Call toll-free (800) 447-4700 to find out nearest dealer. **"Sungleam" Dacron and cotton chintz:** On sofa pillows. 48" wide. Shown in "Empire green," "Emerald," and "Persian." About $ yd. By Lanscot-Arlen, NYC 10018. At selected Montgomery Ward stores and (in "Empire Green" and "Persian" only) at JCPenney custom-decorating stores and selected JCPenney stores. **Tent-shaped pharmacy lamps:** 34-48" high (adjustable). In polished brass (shown) or chrome. About $155. By Koch & Lowy. For store nearest you, write Koch & Lowy, 940 Third Ave., NYC 10022. **Hand-thrown, hand-glazed stoneware:** Pale blue bowl, pair of small green bowls. Custom-designed by John Cooper, The John Thompson Design Group. At Carrington, NYC 10021. **Green majolica plate:** From John Rosselli*, NYC 10021.

Garden Room:

Armless section: Used as sofa. 90" x 34½" 32" high. Three loose backs and seats; casters. Two matching armless **chairs:** 28" x 34½" 32" high. Each with fully-upholstered base, loose seat and back cushion; casters. All by Henredon. At Macy's. **Fabric** used for custom upholstery on the above seating: "Cooney" cotton chintz: 54" wide, 36" repeat. About $30 yd. By Woodson Wallpapers, NYC 10022. **Natural-finished wicker chair:** 30" x 29" x 33" high. 1 loose seat and 1 loose button-tufted back cushion. Matching **ottoman:** 29" sq. x 16" high. From the "Casablanca" collection by DIA. At Macy's. **Fabric** used for custom-upholstery on the above seating: "Chequers" green-and-white cotton 50½" wide, 9" repeat. $24 yd. By Woodson Wallpapers*, NYC 10022. **Scroll cocktail table:** 53" x 36" x 14" high. Vanilla lacquer finish. By Roe Kasian Designs. Three wire **shelf units** on casters: 44" x 20" x 57½" high, polished chrome. **Baskets.** Gray and roy

Continued on page 20

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Part One—A Healthy Body from Head to Toe

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2. THE INSIDE STORY. Guidelines to keep your stomach healthy, from Dr. Jean Saleh of St. Luke's Hospital, N.Y., plus exercises from Barbara Pearlman.
3. PUTTING YOUR BACK INTO IT. How to avoid low back pain, plus special exercises, from D. Bernard E. Finneson of the Crozier-Chester Medical College.
4. FEELING IT IN YOUR BONES. How your bones work and what to do to keep them strong, from Dr. Hamilton, Orth... Ballet.
5. ...ars, from
6. YOUR BEST FACE FOR-...Guidelines for a healthy complexion, from Dr. Samuel M. Peck, Mount Sinai School of Medicine, and Dr. Albert M. Kligman.
8. TAKE A PAIR OF SPARKLING EYES. How to look after your eyes; spectacles and contact lenses, from Dr. A. Benedict Rizzuti of the International Eye Foundation, Dr. William C. Cooper, Dr. Jorge Buxton and Dr. Newton K. Wesley.
9. SECRETS OF A RADIANT SMILE. How to keep teeth and gums healthy, plus brushing and cleaning tips, from Dr. Irwin K. Mandel.
10. HANDS UP FOR HEALTH. The structure of the hand, nail and skin care, handcraft secrets from craftsmen, advice from Dr. Norman Orentriech, and Dr. James C. Parkes II, Orthopedic Surgeon from the New York Mets. Plus hand exercises from Marjorie Craig of Elizabeth Arden, manicure tips from Corinne Caduff of Saks Fifth Avenue and massage step-by-step from Vicki Schick of the Profile Health Spa.
11. THE CROWNING GLORY. Hair growth and health, why men go bald, the question of hormones, and the best hair care, from Dr. Norman Orentreich and Dr. Robert A. Berger.
12. YOU AND YOUR DOCT... Doctor's dos and don'ts for healthy... the proper physical checkup, dia... computer, by Dr. Mary Cather...

Part Two—Nutrition ... Healthy Body by Eloise ...

13. HOW TO EAT ... you're not cheati... benefit of the fo...
14. APPLE PIE ... NOT? What a re...
15. LUNCH—... GIZER. A nutritious lunch ...
16. DINNER—OUR MOST SOCIAL OF ALL MEALS. How to produce a well-planned dinner for the whole family.
17. NUTRITION FOR A TEENAGE ATHLETE. A training table for the teenage athlete is good for the whole family.
18. VITAMINS—FOR YOUR VERY LIFE. Where to find them, how to eat them, how many and what types you need.
19. PROTEIN POWER. It plays a multiple role in good nutrition. Here are protein plus recipes and required allowances.
20. CARBOHYDRATES—THE MU... AGE INGREDIENT. The ma... and least expensive fu... cise.
21. W...
...from ...its content in ...
...L GRAINS AND OTHER ...URAL FIBERS. The rediscovery of fiber, how and why it works.
25. NUTRITION LABELING—PROOF OF THE PUDDING. Learn how to read food labels.
26. HOW TO PLAN NUTRITIONALLY SOUND VEGETARIAN MEALS. Vegetarianism makes more sense today than ever.

Part Three—Weight Control for a Healthy Body.

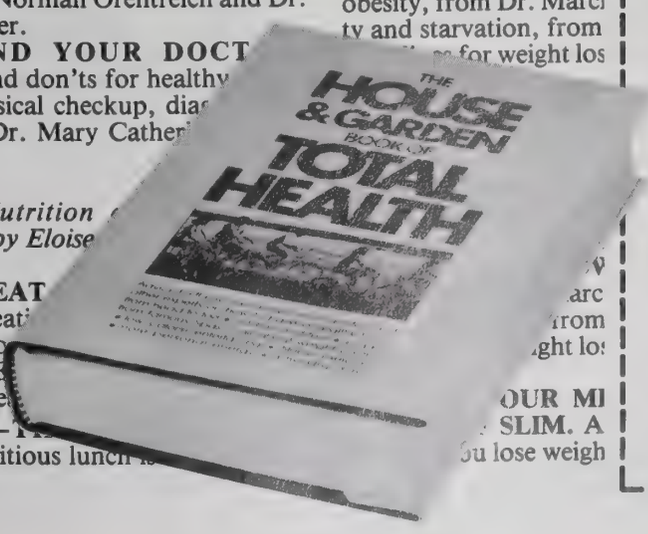
27. WEIGHT CONTROL — THE BASICS. The right attitude can help you take off calories—following the rules of nutrition, by Eloise R. Trescher, R.D.
28. THE REDUCING DIET THAT GIVES YOU MORE VITALITY. A nutritionally sound diet that controls weight and also makes you feel wonderful. Menus and recipes. By Eloise R. Trescher, R.,D.
29. THE FOOD DIARY THAT TALKS BACK. If you record what you eat, you'll find out what's causing weight problems, by Eloise R. Trescher. F.D
30. DIET SECRETS F... *The Golden Door, Ma... La Puerta, The Gre... Eugenie-les-Bains.*
31. WEIGHT, WISH ... AND WILLFUL POW... obesity, from Dr. Marci... ty and starvation, from ... for weight los...

Part Four—Exercise: The Healthy Body in Action

34. EXERCISE ROUNDUP. Indoor jogging, home bicycles, calisthenics, from Dr. Lenore R. Zohman; bicycling, jogging, from Dr. Willibald Nagler; skating from Dr. Tenley E. Albright; cross-coun... from Dr. John L. Marsh... total fitness f... Morehou...
...and how ...ward Colt, physi... ...w York Marathon; the ...running and the right shoes, from Dr. Richard O. Schuster.
37. DANCING—THE FUN EXERCISE. Experts talk about dancing; why dancing is good for your health. from Dr. Lenore R. Zohman.
38. HOW TO PERFORM BETTER. Getting the most out of your body—three tips to train body and mind, from Dr. Laurence E. Morehouse.
39. SLEEP—THE WAY TO A HEALTHY LIFE. The difference between physical and mental tiredness, from Dr. Ernest Hartmann; rhythms and sounds, from Dr. Joseph Mendels; how to relax for sleep, from David Davis, consultant to Mount Sinai Hospital, plus ways to help you fall asleep.
40. YOUR OWN HOME SPA—THE BATH. Bathing and your body, from Dr. Anna Kara; water, skin and cosmic forces, from Dr. Diane G. Tanenbaum; towel exercises from Larry Lorence, Director of Gala Fitness in New York; bath and toning exercises, from Barbara Pearlman.

Part Five—A Healthy Mind

41. HOW TO BE HAPPY WITH WHO YOU ARE. Prescription for a fuller life, from Dr. Erich Fromm.
...IZED. Ways in ...rom Dr. Gregory ...
...APE—GETTING thinking can help ... A.A. Bridger, of ...w making a break Joel R. Davitz.
... Why getting the ...u good, from Dr. ...
...TROL YOUR ...ER, AND YOUR self-discipline and ...l, from Dr. Peter ...
A technique you ...n to reduce stress, a blood pressure, ...n a healthy heart, ...rbert Benson.
...RE PERSONAL riencing life can better, and enjoy Dr. Rene Dubos.



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Expires _____

Signature _____

blue **glazed pots.** Italian **lettuce-leaf plates.** All from Macy's. **Hand-thrown, hand-glazed stoneware vessels:** Custom-designed by John Copper, The John Thompson Design Group. At Carrington, NYC 10021. **White vertical blinds:** By Levolor-Lorentzen.

Greenhouse:

Slatted natural oak folding table: 20½" x 22" x 18" high. By Dahle. **White aluminum and vinyl dining chairs:** 23" x 28" x 30" high. Matching dining pedestal **table** with clear glass top: 48½" diam. x 26" high. Matching **chaise:** 72" x 27½" x 15" high. All from the "Deck and Den" collection by Meadowcraft. **Glassware, tray, and table linen.** "Luxor" cotton **towels** in Real Red. By Martex, West-Point Pepperell. All at Macy's. **"Hydro-Spa K-2" patented fiberglass spa:** 7'7" sq., with angled corners. 4 different contoured positions. Accommodates up to 6 people. The "SandStar" model shown has 4 hydro-jets, 63 air jets. By Hydro-Spa, Orlando FL 32809; Van Nuys CA 91406.

Craft room:

Red metal cantilevered stool: 12" x 28" high. Red metal **grid basket.** Red **plastic basket.** "Ingrid" orange plastic **mug.** Brown glazed **ceramic pot. Ceramic vegetables and fruits:** Oven-, freezer-, and dishwasher-safe; leadfree glazes. By Barbara Eigen for Eigen Arts. All at Macy's. **"Bellaire" counter and wall cabinets** in "Lemans" style: Faced with decorative laminate in Almond color. Flush construction, matte finish aluminum trim, self-closing drawers, adjustable shelves. Fluorescent lighting can be recessed in the bottom of any wall unit. By St. Charles Manufacturing Co. **Natural matchstick blind:** By Del-Mar. **"Brent Model A" electric potter's wheel:** 17" x 16" x 19½" high. About $370 plus shipping (48 lbs.) from Miami Clay Co., 18954 N.E. 4th Ct., Miami FL 33179 (free catalogue).

Dining area:

Parsons-style dining table: 84" x 42" x 29" high with 2 leaves inserted. Of glossy-finished white laminate. By DIA. **Armless rattan dining/game chairs:** 20" sq. x 37" high. All at Macy's. **"Checkmate Check Cotton Print":** On custom-covered seat pads. 52" wide, 5" repeat. With Teflon finish. Shown in "jade" and "coral." About $15.75 yd. By Brunschwig & Fils*, NYC 10022. **Ceramic lettuce-leaf bowls:** Oven-, freezer-, and dishwasher-safe. Leadfree glazes. By Barbara Eigen for Eigen Arts. White ceramic **dinner plate** embossed with leaf pattern. "Wine Keepers" 13 oz. **wineglasses.** Raspberry-colored linen-blend napkins. Flatware. Willow basket, bamboo and straw rectangular trays, and lidded round basket. All at Macy's. **Antique brown slipware bowl.** At Macy's Corner Shop, Herald Sq., NYC 10001 only.

Built-in microwave oven: 1.14 cu. ft. capacity, with Mark Series Meal Planner and "Meal Sensor" temperature probe. Plus 27" self-cleaning conventional lower oven with 21½" x 19" x 16" high capacity, automatic digital "Mealtimer" clock. About $1,119. **Refrigerator/freezer:** 32 ¾" wide x 65 ⅞" high. Side-by-side textured steel doors help prevent fingerprints, adjustable tempered-glass shelves, tilt-ice dispenser lets you reach ice without opening main door, replaces ice automatically. About $850. Both by Whirlpool Corp. **White vertical blinds:** By Levolor-Lorentzen. **Green majolica plates:** From John Rosselli*, NYC 10021.

Kitchen:

"Bellaire" counter and wall cabinets in "Lemans" style. By St. Charles Manufacturing Co. (More details in Craft Room listing, above.). **Undercounter dishwasher:** 24" wide x 24½" deep. 4 automatic cycles, 3 options for energy-saving air-drying. High-temperature washing option and Super Scour with 3 reversible upper and lower front panels in decorator colors. About $380. **Four-burner electric cook-top with grill:** 33⅛" wide x 20 ¼" deep. One surface module has 4" and 8" burner, other has 2 6" burners. About $343. All by Whirlpool Corp. **"Akragas" acrylic-on-canvas painting:** 57" x 73". By Archie Rand, 1978. At Tibor de Nagy Gallery, NYC 10019. **All cookware and accessories:** At Macy's.

Guestroom/Study:

"Elevations" modular units: Haitian-cotton-covered queen-size armless sleeper with "Regency" mattress: 63" x 35" x 30" high. Matching corner unit: 35" sq. x 30" high. 3 armless units: 31" x 35" x 30" high each. By Simmons USA. At Macy's. **Mottled crock, wooden boxes and corn crib** form a collection of antiques at Macy's Corner Shop, Herald Sq., NYC 10001 only. **Wall-to-wall carpet.** At Macy's. **9" Color portable TV:** 14 ¾" x 13½" x 10¼" high. AC/DC, with Automatic Fine Tuning and Automatic Balanced Color. Available in simulated woodgrain or—with sunshield screen for crisper pictures outdoors—"silver." About $296. **Four-piece micro component stereo:** (1) Digital synthesizer stereo FM Tuner: 10.1" x 7.7" x 2.1" high, 4.8 lbs. With auto- or manual tuning, ability to memorize ten stations at the touch of a button, "record calibrate" level switch for presetting recording levels on your deck. Channel Memory System retains its presetting for some time should the power fail or the AC cord be removed. About $230. (2) DC Stereo preamplifier: 10.1" x 8.3" x 4.2" high, 60 lbs. With low-distortion DC equalizer amplifier with 88dB S/N ratio, field effect transistor, high phono overload capacity, wide range tone control, 6 LED push-button controls. About $299. (3) DC Stereo power amplifier: 10.1" x 8.3" x 4.2" high, 12.8 lbs. With aluminum die-cast body, LED switches for speaker selection, front headphone jack. About $339. (4) Two-motor stereo cassette deck: 10.1" x 7" x 4.2" high, 31 lbs. With memory rewind, full remote control, LED peak level indicator. About $549. All by Toshiba. **"#2" acrylic-on-canvas painting:** 36" sq. By Ed Zutrau, 1972. $3,000. At Betty Parsons Gallery, NYC 10019. **19th-c. English milk bowl:** On cocktail table. From John Rosselli*, NYC 10021. **Blue-and-white stoneware plate:** Handthrown and handglazed. By John Copper, The John Thompson Design Group. At Carrington, NYC 10021. **Tent-shaded pharmacy lamp:** 34–48" adjustable height. In brass or chrome, about $155. By Koch + Lowy. For store nearest you, write Koch + Lowy, 940 Third Ave., NYC 10022.

Master bedroom:

Armless upholstered chairs: 13" x 26" x 35" high. Matching **ottoman:** 31" x 26" x 17½" high. Both from the "Disco" collection by Lambert Furniture. At Macy's. **Fabric** for custom upholstery on the above: "Japanese Clover Stripe" cotton fabric: 54" wide. About $30 yd. By Alan Campbell*, NYC 10022. **TV wall unit** and **center curio unit:** Each 18" x 15" x 75" high. White laminate with brass pulls. By Limited Editions/International Walls. **"Raspberry" and "Jade" cotton and polyester sheets:** Two kingsize sheets were custom-sewn together to make duvet cover. From the "Colorworks" collection by Springs Mills, **Queen-sized canopy bed** with red-enameled tubular frame. **Wall-to-wall carpeting. Baskets.** All at Macy's. **"Perne #17" acrylic-on-canvas painting:** 57" x 59½". By Cleve Gray, 1978. $4,000. At Betty Parsons Gallery, NYC 10019. **"Woodweft Woven Wood" white blinds:** By Del-Mar. **Red-and-white "Ocean Waves" quilt:** 80" sq., c. 1900. At Thos. K. Woodard, NYC 10021.

Bathroom:

"Man's Lav" enameled cast iron sink: 28" x 19", with shampoo spray and soap-lotion dispenser. **"Lady Vanity" vitreous china sink** 28" x 19". Self-rimming, with shampoo spray spout that swings out of the way. Both in "Swiss chocolate," with "Bravura" brushed chrome faucets. By Kohler Co. **"Sepia" ceramic mosaic tile:** 1" sq. size shown. By American Olean. **"Luxor" towels:** Shown in "jungle green." By Martex, West Point Pepperell. At Macy's. **Antique yellow ceramic mold:** At Macy's Corner Shop, Herald Sq., NYC 10001 only. **Pale beige stoneware plate** Hand-thrown and hand-glazed. Custom-designed by John Copper, The John Thompson Design Group. At Carrington, NYC 10021. **Facing on vanity cabinets and countertop:** O "Ginger Brown" laminate by Formica Corp.

Continued on page 20

Overseas Educational Directory

AMERICAN EDUCATION IN EUROPE **TASIS**

The American School in Switzerland
Excellent American college preparation since 1956. Campus in Lugano, Switzerland. Co-ed, grades 7-12. Outstanding faculty-student ratio 1:8. College testing and guidance. Extensive travel throughout Europe. Diverse sports and activities. St. Moritz ski term.

A Post Graduate Year in Europe
First year college level study and extensive course related travel throughout Europe for high school graduates. Based on TASIS Lugano campus

TASIS England
A branch of the American School in Switzerland founded in 1976. 35 acre campus located in country village of Thorpe, Surrey only 16 miles from London. Coed, day grades 5-12, boarding 7-12

TASIS Greece
Newest TASIS campus opened September 1979 in affiliation with Hellenic International School Located in residential Kifissia only 10 miles from Athens Coed, day K-12, boarding 7-12.

SUMMER PROGRAMS

TASIS England Summer School.
Six week summer session offering credit courses in all academic disciplines. Workshops in art and theater. Soccer sports camp. Coed, age 12-19 Trips throughout Great Britain

Le Château des Enfants
A summer of fun and learning in Lugano, Switzerland for children age 6-12. French lessons, plays, arts and crafts, sports, excursions and camping

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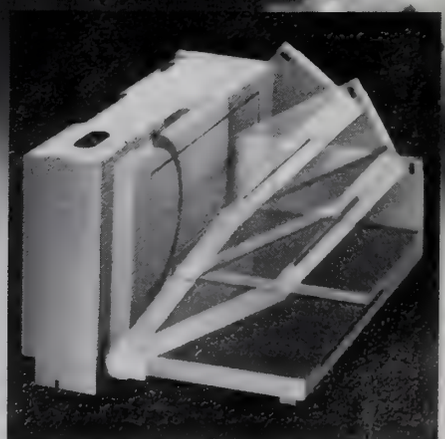
Unrivaled.

ır new Rival Fold-Away™ electric food slicer performs like the big professional ɔdels. Then it conveniently folds up for storage with all parts locked securely ıide. It's the only fold-up slicer that gives you both unrivaled performance and f-storage.

ılds its own in performance. Slices hams, roasts, cheese, bread, vegetables from per-thin to ⅝" thick. And gives them a fancy catered look. The serrated 6⅜" ıde is concave and angled. And the blade cover guides food not yet sliced away m the blade so even your cheese can't stick and slow down slicing. And you can it for continuous slicing, or start and stop, as needed.

ılds it own in good looks. It's so good-looking, you'd never know it's a slicer. And it mes in beautiful almond that harmonizes with any color scheme.

ıome food slicer means you can buy in bulk and save money. Food sliced at me costs less than pre-packaged foods, and because you slice only as much as ı need at one time, food stays fresh longer. So if you want big slicer performance a good-looking slicer that folds up and holds its own parts, get the Rival ld-Away. It's unrivaled.



Holds its own parts. The Fold-Away™ is completely self-contained. Folds down to just 4" wide, with all parts inside, so you can store it in a drawer. No left-out parts to lose or hunt for next time you want to use the slicer.

RIVAL FOLD-AWAY™
ELECTRIC FOOD SLICER

RIVAL makes things better for you.™

the Kitchen

Remodelings, cooking tips, and helpful hints for your kitchen

A self-watering soilless hydroponic garden that gives you the pleasure of growing your own vegetables and herbs the year round

Imagine having fresh herbs and vegetables just fingersteps away from your cooking area! Now you can, no matter where you live, regardless of the time of year or the climate. The hydroponic garden, *above right,* provides 144 square inches of growing space in a good-looking, lightweight polypropylene planter you can keep anywhere it gets light. The 9-by-10-by-16-inch almond-colored unit comes with base plate, water-level indicator, growing medium, nutrient, four 1-foot wicks, instruction booklet, and detachable 24-inch-high trellis. All you need are seeds, which you plant in the growing medium (no messy soil!). How does your garden grow? Using capillary action, the wicks suspended from the growing medium to the water reservoir below supply seeds with moisture and nutrition. Depending, of course, on the type of plant, you can leave it unattended up to 4 weeks. By Waterwick, $45.95 ppd. To order, write Recmar Corporation, 3307 West Castor St., Santa Ana, Calif. 92704.

All-in-one microwave/gas convection range

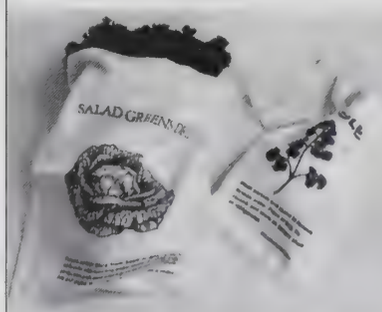
It's no longer an either/or proposition: There's a brand-new kitchen range combining the speed and efficiency of full-power microwave cooking with the baking, broiling, and browning benefits of gas convection cooking. It's the ME/Gas Combination Range by Caloric Corporation and it lets you cook food faster and at lower temperatures than conventional ranges and with the best possible results. Microwave and gas systems can be used simultaneously or separately. Range is equipped with self-cleaning and energy-saving automatic pilotless ignition that reduces gas consumption by 30 percent. Available in standard colors.

Cooking with a pro

You are invited to learn traditional French cooking techniques from French chef Jean-Paul Weber. The time: all through 1980. The place: department stores in large cities across the country. Chef Weber will conduct 2-hour demonstration classes on 2 consecutive days in each location. Classes, intended to make the art of French cuisine understandable to novice cooks as well as to experienced ones, will include preparation of an appetizer, entrée, and dessert. For dates and locations, write Mirro Corporation, P.O. Box 409, Manitowoc, Wis. 54220.

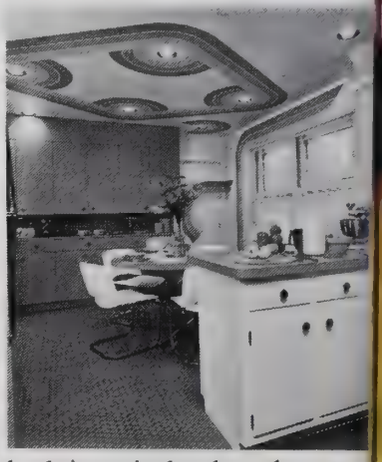
It's in the bag

Fresh is best but not easy if time is short. For entertaining, or meals on the run, refrigerate prewashed salad greens in a pretty all-cotton pillowcase that zips or ties shut. Or, tie two strips of colorful material hobo style; the cotton allows the greens to "breathe" and prevents wilting for up to 6 hours. Or try decorative bags, *below,* from Williams-Sonoma, P.O. Box 3792, San Francisco, Calif. 94119. Salad bag, $6.45 ppd. Parsley bag, $5.35 ppd.

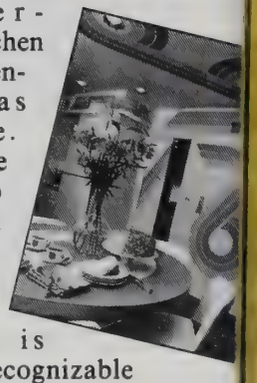


Remodel with paint

With some paint and a little imagination, you can turn an ordinary kitchen into a lively, cheerful room where everyone loves to gather. That's what designer Michael de Santis



had in mind when he was asked to remodel this summer-house kitchen as inexpensively as possible. "There were no structural changes, but the original kitchen is hardly recognizable anymore," says Mr. de Santis who had the whole room painted white, then spruced it up and gave it an extra dimension with three-color graphics. The colors—melon, raspberry and turquoise blue—are bright and summery, and in keeping with the rest of the house; but they're soft enough so as not to detract from the graphics themselves. Original wood cabinets in the cooking area were painted white, their countertops replaced by new orange Formica; the same color was used for the new cabinets built in along dining area's back wall. The dining table, which Mr. de Santis designed, is also Formica: an orange ring around a central circle of white. Dining chairs of white vinyl and stainless steel contribute to the kitchen's sleek new look.



Teflon* makes omelets incredibly easy.

Beat together 2 eggs, 2 T. water, dash salt and pepper. For a bigger omelet use 3 eggs and 3 T. water.

Heat 1 to 2 T. butter in Teflon-coated omelet pan over medium-high heat until butter foams. Pour in eggs.

With plastic pancake turner move cooked eggs at edges to center.

As you push cooked eggs to center, tip and tilt pan so uncooked eggs can move to pan surface to cook.

Fill on left side while top is still moist and creamy. Slip turner under unfilled side and fold over filling.

Tip omelet in pan over heated plate, then turn omelet out onto plate.

Eggs are one of today's best food buys. And you don't have to be a gourmet chef to prepare them. Especially when you use cookware with a non-stick Teflon surface. It makes all your favorite dishes easier. Clean-up's a snap, too. Eggs and Teflon. Simply incredible.

Look for The Real McCoy

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Send us $1.00 and we'll send you "Classic Egg Dishes," a 64-page full color collection of all-time great egg recipes. Plus, you'll receive a copy of "Incredibly Easy Egg Dishes," showing easy egg cooking the Teflon way.

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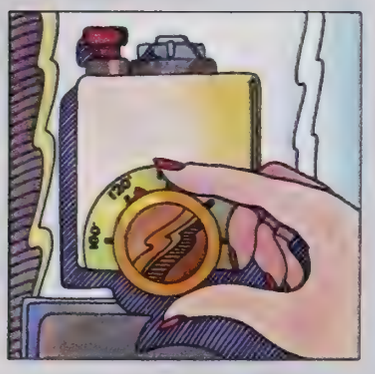
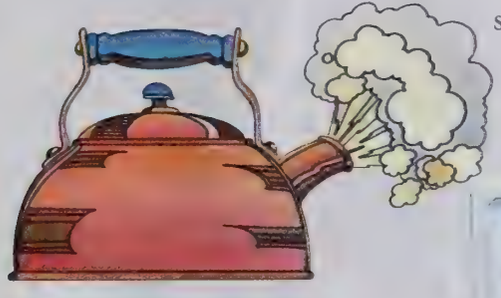
American Egg Board

Thermador/Waste King Thinks You Shouldn't Have To Burn Money To Heat Water.



Do you have to turn your hot water heater up to 150° or higher to get dishes clean in your dishwasher? A while ago, that was cheap to do. Today, it's expensive.



Now there's the Steam Machine. It heats its own water.

Its new steam cycle only needs 120° water. Your hot water heater may be set lower, and the steam cycle will still wash your dishes in the hot temperatures they require.

All Thermador/Waste King Steam Machine models have a thick coat of insulation sprayed on. Over this goes a ½" thick fiberglass blanket. This double insulation helps retain heat in the dishwasher. That saves energy.

The cleaning power of steam.

Only Thermador/Waste King Dishwashers have the steam cycle. It moistens and loosens most baked-on foods so that when the wash cycle comes on, the food's ready to go.

The durability of stainless steel.

Only Thermador/Waste King Dishwashers have tanks made of stainless steel—the same material normally found only in commercial dishwashers.

The convenience of a timer.

The Electronic Delay Start timer on models SS989 and TD121 lets you delay the operation of your dishwasher to avoid peak energy hours.

The best dishwasher warranty available.

We think you should have confidence in your dishwasher. With a Thermador/Waste King Dishwasher, you will.

STAINLESS STEEL

It comes with the best warranty in the industry: A full one year warranty plus a 19-year limited warranty (parts only) on five key components, and a 4-year limited warranty (parts only) on six other key components.

When you shop for your next dishwasher, get your money's worth. Get a Thermador/Waste King

DISHWASHER SHOPPING LIST

FEATURE	STEAM MACHINE	OTHERS
Stainless steel tank	✓	No
Steam cycle	✓	No
Best warranty in industry	✓	No
Double insulation	✓	No

The Steam Machine™

by Thermador / Waste King

For information and complete warranty details, contact your dealer or write Thermador/Waste King, 5119 District Blvd., Los Angeles, CA 90040, (213) 562-1133, Dept. B

hopping Information

ontinued from page 202

;ARDENING IN
:ONTAINERS
'ages 162–166, 254
'egetable seeds: From Geo. W. Park Seed :o., Greenwood SC 29647. Free catalogue lso shows clivia, agapanthus, and other owers for containers. **Planters:** Blue-speck-d earthen bowl, 12" diam. x 6½" high. $9. Wooden whiskey barrels: 18" diam. x 24" igh. About $25 each. Both at The Bayberry, .magansett NY 11930 (no mail orders). **ireen-enamelled wire hanging basket:** With anger wire. Natural green sheet moss to use s lining. At larger garden centers or by mail om Barrington Industries, PO Box 133, Barrington IL 60010 (catalogue, $2, deduct-le from 1st order).

)O-IT-YOURSELF
VORKBOOK

'age 168
White ceramic mosaic tile: 2" sq. By Ameri-an Olean Tile Co. **Vinylized wallpaper:** 1"w, shown in beige/mauve, $33 per roll. By ouleiado. At Pierre Deux, NYC 10014. **Corian" building products:** Shown in "cam-o white," also available in "dawn beige" and olive mist." By DuPont. (For vanity, solid op and bowl of "Corian" was attached to ew vanity base built by Tom Falzarano. Corian" sheets used to line inner walls of ower.) Local distributor: Salsbury Sales o., Long Island City NY 11101. **Victorian ntiques:** Rocker—22½" x 33" x 36" high, 395. Sewing basket—15" x 12" x 24" high, 265. Both in natural finish and at the Wick-r Garden, NYC 10028. **Hand-woven rag ug:** 38½" x 58". $202. At The Gazebo, NYC 0021. **Theorem painting on velvet:** 21¼" x 9", c. 1840, $1200. **Antique English sampler:** 2" x 14", signed by Jane Steel c. 1834, $450. **ntique American stoneware crock:** With eafowl design: 12"d x 12"h, $450. **Antique merican quilt piece:** "Wild Goose Chase" c. 865, $20. All at America Hurrah Antiques, YC 10021. **Stainless steel adjustable tub ay:** mirror included, imported from En-land. $149.50 plus shipping. At Hammacher chlemmer, 145 E. 57th St., NYC 10022 catalogue $1). **Inside-bark bamboo blinds:** ustom cut to size. At Bamboo and Rattan Vorks, Hoboken NJ 07030. **Pink ceramic ouble gourd vase:** $36. **Ceramic raku bowl:** 36. At Limited Editions, NYC 10021. **Cot-n Luxor loop-terrycloth bath linens:** Shown "wild plum" and in white: Bath sheets, bout $18. Hand towel, about $5.50. Bath owel, about $10.50. Fingertip towel, about 2.25. Rectangular bath mat, about $13.25. y Martex, WestPoint Pepperell. **Conical A-mp:** Of white-trimmed specular aluminum "gold." Low and high positions for adjust-ble socket. Takes 100–150 watt bulb. About 51.50. By Progress Lighting. **"Aquarian II" ower and lavatory fittings:** Chrome-fin-hed. By American Standard.

age 171:
uck toweling embroidery kit: 2 24" x 32" ermanent-press-finished towels of finely-oven cotton in any of 8 colors (white, ivory, ght pink, light yellow, light green, light ue, navy, or brown), plus cotton floss in any f 30 colors (specify which you want—closest atch will be sent), 1 needle, diagram, and struction sheet. $20 ppd. from The Huck-ery, P.O. Box 59HG, Malverne NY 11565. Orders must be prepaid.

Page 172:
Laces shown on pillows and handcrafted items: From a collection by Stern & Stern Laces, a division of Liberty Fabrics of New York, NYC 10016.

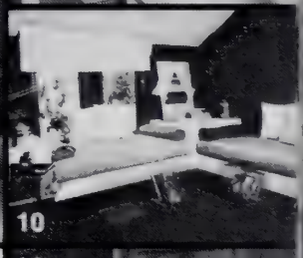
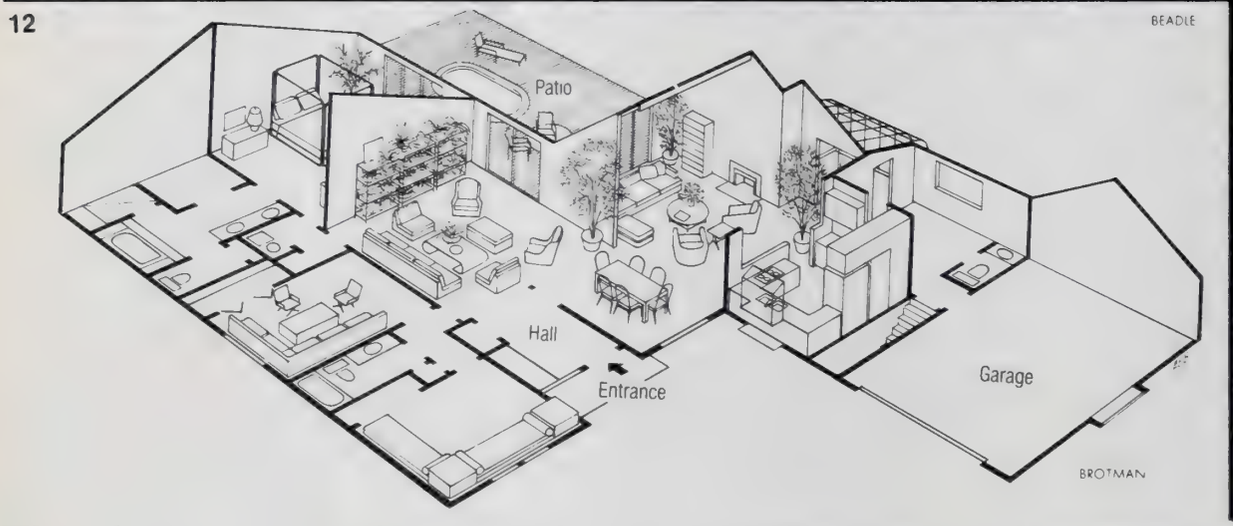
Page 174
"Victoria" cotton and rayon solid textured fabric: 51" wide, shown in green, white, and blue; available in 57 other colors as well. About $30 a yd. "Saratoga" acrylic blue and white fabric: 51" wide, 12¾" repeat. Also available in pink, green, or yellow with white. About $57 yd. Both by Manuel Canovas*, NYC 10022. **"Trellis East" cotton and polyester Ultracale sheets:** 180 threads per sq. in. From about $11.50 the twin-size. Matching pillowcases, about $11 pair. Designed by Jay Yang for Wamsutta Mills. **"Military Cotton Print" fabric:** 50" w, 1⅜" repeat. About $21 a yd. **"Odeon Border #2"" wallpaper border:** 2⅛" w, 2⅝" repeat. About $3 a yd. Both by Brunschwig & Fils*, NYC 10022. **Rosselli low trolley:** 26¾" x 16¾" x 17½" high. Without shelves, about $95. **Rosselli table:** 26¾" x 16¾" x 17½". $55. In white, "kahula," or "sand." By Beylerian*, NYC 10021. **Fireplace accessories:** Brass gallery-rimmed fire-tool stand with urn finials, matching tongs, poker, and shovel. $210. "Philadelphia" reproduction brass urn-shaped andirons with log stoppers. 20" diam., 17" high. $325. for the pair. Both at Danny Alessandro, Ltd./Edwin Jackson, Inc., NYC 10021. **Handpainted floor:** By Stephen Gemberling, NYC 10028. **Round white-enameled cap floor lamp:** Height-adjustable from 40"–58". Optional dimmer. 4 other finishes: Antique-style Boyd brass, polished brass, polished chrome, or satin chrome. By Boyd Lighting Co.*, San Francisco CA 94103. **Rope-framed mirror:** 36" diam. About $1,275. From LCS*, NYC 10021. **Antique pine sideboard:** 48" x 36" x 17½", 36" h. From John Rosselli*, NYC 10021. **Chinese jug of glazed terracotta:** 11" diam. x 12" h. $60. At Limited Editions, NYC 10021. **Pottery plates:** 10" dinner plate, 8" dessert plate, and 14" plate. By Lynn Evans. At Gordon Foster, NYC 10021. **"Speakeasy" acrylic-on-canvas painting:** By Cleary. 50" x 46", in custom wood and golden-colored Tenite frame, $900. From Haller Galleries*, NYC 10022. **Craquelé polychrome ceramic wall tiles:** Flower motif 5" sq., $17.20 ea. From Makkum, Holland. At Country Floors, NYC 10021. Catalogue $5. **Antique floral-painted wicker baskets:** $70 and $58 each. At The Gazebo, NYC 10021. **Watermelon sculpture of painted wood:** By Felipe Archuleta. At Davis Mather-Regional Folk Art Gallery, Santa Fe NM 87501. **Ribbon trims:** By William E. Wright Co., NYC 10001.

Page 175, bottom:
One-of-a-kind antique quilt: Red-and-white checked. At The Gazebo, NYC 10021. **Ceramic "crackle bowl":** 14" diam. $60. **Botswana baskets:** $96 set of 4. Both at Limited Editions, NYC 10021. **Brazilian open-weave basket:** 36" diam. $75. At Gordon Foster, NYC 10022. **"Brion-Vega" radio:** Imported from Italy. $165 in white case, $155 in black. At Abitare, NYC 10022. **"Brooklyn Bridge" poster:** 16" x 57", $60 mounted as shown. **"David Hockney Self Portrait" poster:** 25¼" x 17¾", $65 mounted as shown. Both at Poster Originals Ltd., 386 W. Broadway, NYC 10012 (catalogue $5). **Antique "Steeple Chase" patchwork quilt:** Double-sized, $265. At Thos. K. Woodard, NYC 10021. **Wooden-paddled ceiling fan:** 52" diam. Antique white finish, cast-iron motor case. About $249.95 as shown, excluding installation. By Hunter Division, Robbins & Myers. **Crayon sculpture:** 5' x 6" diam. In red, orange, yellow, green, blue, purple, with silkscreened labels. $55 each "crayon." At Pop/Eye, NYC 10012. **"Mini slat" horizontal blinds:** Shown in "squirrel gray." Over 200 other colors. Made-to-measure by Levolor-Lorentzen. For dealer nearest you, call toll-free (800) 447–4700. **"Harmony" solid-black cotton canvas:** About $6.50 yd. (plus $1.50 yd. for soil-repellent finish—$20 minimum). By Norbar Fabrics Co.*, Deer Park NY 11729. **"Dawn Gray" ceramic mosaic tile:** Shown in 2" sq. size. Comes in over 45 colors. By American Olean Tile Co. **Paint** on walls, ceiling and trim, and furniture was custom-mixed (by a paint store professional) from Fuller-O'Brien Paints.

Page 175, top:
"Pictus Interruptus" series: 6 16" x 20" photographs by Ray Metzker. $325 each. 3 photographs by Aaron Siskind: "Jerome, Arizona 21, 1949"; "Martha's Vineyard, 108, 1954"; "Martha's Vineyard, 127a, 1954". Each 16" x 20" and $1000. All courtesy of LIGHT Gallery, NYC 10019. **Accessories:** Round basket (bottom left of étagère), $60. Bowl (on table), Ceramic ashtray by Paul Nelson: 17" diam. x 4" high. $225. From LCS*, NYC 10021. **"Beomaster 4400" receiver:** In oak finish, about $850. **"Beogram" turntable.** Both by Bang & Olufson. At Thalia Hi Fi, NYC 10021. **Chrome-finished track lighting:** Miniature track is 1/16" deep x 1⅜" wide. Single-circuit lamp is 7⅝" long x 2 1/16" deep. By Halo Power Trac division of McGraw Edison. **"Spiral" wooden sculpture:** By Ruth Volmer. At Betty Parsons Gallery, NYC 10022. **"Brooks" linen and cotton fabric:** 54" wide, 28" repeat. About $27 yd. By Hinson & Co.*, NYC 10022. **Ceramic plates:** 6" diam., brown-on-tan and tan-on-brown stripes. By Richard Bennett. One-of-a-kind antique **barrel table:** 36" high. **"UBO" basket:** (bottom right of étagère). All at Gordon Foster, NYC 10021. **Herringbone-weave cocoa matting:** Natural colored, unbacked. In 18", 27", 36", 45", 63", and 72" widths. About $6.10 sq. yd. By Allied Mat & Matting*, NYC 10013. **"Harmony" solid-black cotton canvas:** About $6.50 per yd. (plus $1.50 per yd. additional for soil-repellent finish—$20 minimum). By Norbar Fabrics Co.*, Deer Park NY 11729. **Vertical blinds:** 3½" aluminum vanes, shown in white, with matching valance. Available in over 100 colors. Made-to-measure by Levolor Lorentzen. Call toll-free (800) 447–4700 to find out nearest dealer. **"Berber" cotton canvas:** 54" w. **"Provence" linen and cotton fabric:** 54" w. Both by Quadrille Wallpapers and Fabrics*, NYC 10022. **"Yachting Cotton" woven repp fabric:** 47" w. Shown in "clay" color. About $27.75 yd. By Gretchen Bellinger*, NYC 10022.

CORRECTION

The wrong manufacturer was inadvertantly credited for the sheets shown on page 113 of the March 1980 issue, in the lower right photograph. The credit should have read: "Peony" sheets by Cacharel for Utica by J.P. Stevens.

The factory-made house that comes as a package

(see pages 152 to 157)

1. All roofs of the house, including garage, *above*, have asphalt fiberglass shingles by Owens-Corning Fiberglas Corp. **2. Exterior house walls** are faced in hardboard panels by Georgia Pacific. Garden room has skylights by Tub-Master Corp. **3. In master bedroom,** tub and lavatory basin are "Swiss Chocolate" by Kohler. **4. Kitchen greenhouse** window is a prefab unit with bronze-finished aluminum frame by Alenco Div., Redman Building Products. **5. In den-guest room,** modular seating unit is queen-size sleeper by Simmons Co. **6. In white kitchen,** ovens, cooktop, refrigerator-freezer, dishwasher by Whirlpool Corp.; St. Charles Mfg. Co. cabinets. **7. Garden room,** heart of the house, opens wide to the family room and dining area. **8. Second bathroom** has white ceramic tile floor and tub enclosure by American Olean Tile Co. Countertops by Formica. **9. Wood garage door** is by Overhead Door Corp. Front door with core insulation is by Lake Shore Industries, Inc. **10. Children's room** has bunk beds; storage units are built in but movable. **11. Fireplace** in family room has ready-made heat-circulating Heatilator unit to distribute heat through wall grilles. **12. Perspective plan** of house indicates large central garden room-family room-kitchen and bedroom wing adjoining it.

Material and equipment used in the house

The Mark XIV model manufactured by Scholz Homes, Inc., 3103 Executive Pkwy., Toledo OH.

DESIGNER: Robert H. Wahl of Scholz Homes, Inc.
CONTRACTOR: William Lambert, Radnor/Jacksonville Corp.
INTERIOR DESIGNER: Gary Crain
LANDSCAPING: R. J. Corey & Max Schubert
SIZE OF HOUSE: 2,381 sq. ft.
SIZE OF LOT: 90 by 150 feet

STRUCTURE
Foundation: Poured concrete slab on concrete block footings
Framing: Standard wood-frame construction of walls, floors, ceilings with space joists by "Truss-Wall" for roof construction.

EXTERIOR OF HOUSE
Exterior walls: "Teton" hardboard panels b Georgia Pacific
Exterior finish: Prefinished panels
Roofs: Asphalt fiberglass shingles by Owens Corning Fiberglas Corp.
Insulation: In walls, R-11 3½-inch fiberglas batts; in roofs, R-19 6-inch fiberglass batt on exterior wall framework, "High-R" ⅝ inch urethane sheathing with aluminum foi all by Owens-Corning Fiberglas Corp.
Windows: Wood-frame casement windows b Crestline with "Twin Pane" insulating glass
Skylights: Four plastic "Double Bubble "Skymaster" skylights by Tub-Master Corp
Greenhouse: English Greenhouse Products
Greenhouse window: In kitchen, by Alenc Div., Redman Building Products.
Doors: Exterior: front and patio door "Therma-Tru" steel doors with wood the mal barrier and polyurethane core insulatio by Lake Shore Industries, Inc. Interio wood-frame sliding glass doors by Sulliva and birch wood doors by Young Door C Garage door: Overhead wood door by Ove head Door Corp.
Hot tub spa: by Hydro-Spa.

INTERIOR OF HOUSE
Interior walls and ceilings: In family roo "Bridgeport Lantern Pine" paneling Georgia Pacific. In other major room "Sheetrock" wallboard by U.S. Gypsum C In bathrooms, 1-inch white and sepia ceram tile in bath and shower enclosures by Ame

terior paints: Benjamin Moore & Co.
oors: In family room, garden room, greenouse, dining area, entrance foyer, kitchen d crafts room, 8-inch sand ceramic tile, 'rimitive Encore," in bathrooms, 1-inch cemic tile, both by American Olean Tile Co. bedrooms, wall-to-wall carpet by Macy's, ew York.
ghting fixtures: Recessed ceiling fixtures by ghtolier, Inc. In kitchen, luminous ceiling ;hting fixture by Artcrest Products Co., c.
ardware: Door hardware by Weiser Co.
replace: Prefabricated heat-circulating unit Heatilator Fireplace Div., Vega Indus-es.
rnishings and accessories by Macy's, New ork.
tchen and bathroom cabinets: "Bellaire" all and counter cabinets by St. Charles Mfg.). faced in Formica.
ountertops: Formica
umbing fixtures: Kohler Co. in Swiss nocolate and Aspen Green. "Bravura" fitgs in brushed chrome.

ECHANICAL EQUIPMENT AND APPLIANCES
ppliances: Four-burner electric cooktop, o built-in wall ovens, refrigerator-freezer, dercounter dishwasher by Whirlpool Corp.
ater heater: Rheem Mfg. Co.
eating-cooling system: Two-zone, forced- heating and cooling with heat pump by eneral Electric Co.

hese twenty-four companies are uilding this house in 33 locaons: *Arizona:* Char-Rob Co., Tempe. *orida:* Nugget Construction Co., Stuart; Robert C. Ranger Construction, West Palm Beach; Chambers Corp., Fort St. Lucie; Jack Stilson & Co., Fort Myers. *Georgia:* Woodbridge Homes, Atlanta. *Illinois:* Richmond Builders, Oak Brook. *Maryland:* Park Development Corp., Gransonville. *Michigan:* Lerner Building Co. *New Jersey:* Crown Ltd., Franklin Township; Dunwoody Builders, Vincentown. *North Carolina:* Bench Mark Realty, Pinehurst. *New York:* Japine Development, Brewertown. *Ohio:* Hendi Construction, Bainbridge; F. A. Makoski Construction, Seven Hills; F. A. Makoski Construction, Walton Hills; Woodhaven Homes, Dublin; Robert D. Wise & Son, Middleton; Professional Administrative Services, Lancaster. *Pennsylvania:* Andrew M. Horwat, Latrobe; Armond J. Baroni, Wallingford. *South Carolina:* Carolina Ventures, Columbia; Kenwood Corp., Charleston. *Wisconsin:* E. B. Sommers, Plover; Greenwold Construction, Middleton.

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BUILDING FACTS

Material and equipment used in the house on pages 158-161.

ARCHITECT: Don Metz
CONTRACTOR: A.W. Pike
SIZE OF HOUSE: 2,000 square feet.
SIZE OF LOT: $6^1/_2$ acres.

STRUCTURE
Foundation: Reinforced poured concrete.
Structure: 8-inch reinforced concrete walls and 6-by-10-inch timbered roof.

EXTERIOR OF HOUSE
Exterior walls: 1-by-6 tongue-and-groove cedar.
Exterior stain: #241 bleaching oil by Cabot.
Roof: Built-up 5-ply roofing.
Insulation: Isocyanurate urethane by Celotex.
Windows: Double-glazed Pella windows.
Doors: Morgan 415 and Pella doors.

INTERIOR OF HOUSE
Interior walls: $^1/_2$-inch 6YP in kitchen; 64P and tile in baths.
Ceilings: Exposed timber.
Floors: In major rooms, $^1/_4$-inch red cleft slate; in baths, ceramic tile.
Fireplace: "Defiant" stove by Vermont Castings.
Kitchen and bathroom cabinets and countertops: Oak veneer plywood cabinets custom-made by Master Carpenter Eddie Pierson with Formica countertops.
Plumbing fixtures: American Standard

MECHANICAL EQUIPMENT
Heating systems: Oil-fired forced hot-water baseboard heating with back-up heating from Defiant wood-burning stove, by Vermont Castings, and passive solar heat.

Corrections

On page 16 of our February 1980 Living feature, the price of the 5-issue Catalogue of Catalogues Newsletter was inadvertently omitted. When ordering, please be sure to include a check for $10. The Catalogue of Catalogues Newsletter, 250 West 95th St., New York, N.Y. 10025.

In the January 1980 "Life in a Shoe Box" story, the walk-on platforms were made only from *solid-core* flush doors. Other flush doors were less-costly hollow-core ones, with cut edges filled in with wood. Using mattresses (which help redistribute weight) as cushions made hollow-core doors feasible for the seating platforms. To adapt the story, consult an architect from the start, as the owner in the story did.

Manuscripts

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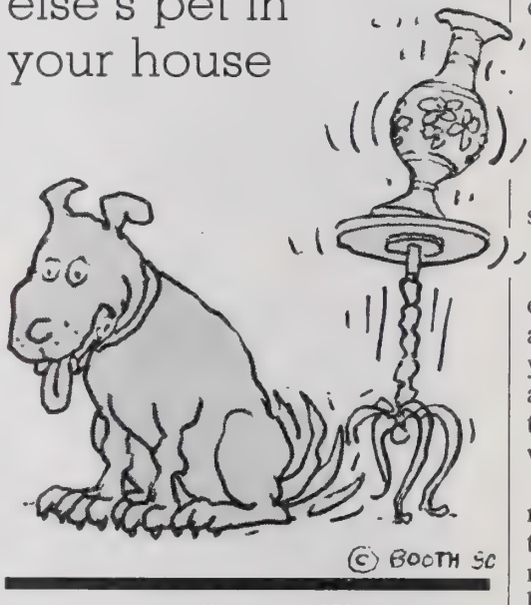
BY PATRICIA CURTIS

When your pet goes visiting

What you should know when you take your pet on a visit or have someone else's pet in your house



Q. I'm taking my dog with me to spend a couple of weeks at a friend's house. What should I take along for him?

A. I would attach a new identification tag to your dog's collar giving your friend's address and telephone number. If your pet gets lost and is found running loose in the new place, there's no point in the finder's trying to contact you at home. Be sure the collar and I.D. tag are on him at all times during your visit, even in the house. Your dog might get out somehow and wander off.

Take his food and water bowls, too—your hostess may not want her tableware used. Don't forget his brush and comb and clean-up equipment. He'll also appreciate having a supply of his favorite dog biscuits and treats and a few of his toys.

It's important to have all his immunizations in order, including a recent rabies shot. Take along the veterinarian's certificates stating that your dog has had these shots. Naturally, you'll have with you any medicine he takes regularly, and it's a good idea to bring a bottle of Kaopectate, too, just in case he gets a stomach upset.

Observe good rules of etiquette—be sure to take a couple of towels and spread them for him to lie on in your hostess's house. Having his own bed or cushion to sleep on will comfort him and please the hostess. Be sure not to let him put his paws up on a table. If he gets wet in the rain or goes swimming, dry him off with his own towels, not your friend's. And don't let him disturb anyone by barking when you go out and leave him, or when he hears unfamiliar noises. If he's quiet in your friend's house, however, don't wear him out by taking him everywhere with you. Since you don't do that at home, it will just tire him—he'd probably rather pass up a sightseeing tour for a good snooze.

Q. I'm expecting a weekend guest who's going to bring her cat. I love cats but have never had one of my own. What can I do to make her pet comfortable in my house?

A. Your friend will probably bring her cat's food and its feeding and water bowls, but you might get it cat snacks or some good fresh catnip for a treat. (Unless the cat has a kidney ailment, catnip won't hurt it, and the cat will love it.)

Be sure to keep the doors to the room or rooms the cat will occupy closed. It will probably be nervous at first in the strange surroundings, and if it were to be frightened by anything, or simply become curious, it might try to get out and then get lost. And do not have any unscreened windows open at all—on the ground floor the cat will jump out and get lost, and on any higher floor you have the hazard of the cat's falling out and getting hurt or killed. (Even some cat owners are unaware that they definitely do fall out of windows. A cat just sitting on a sill can lose its balance; a cat chasing a fly can become absent-minded and sail right out an open window to its death.)

If your friend hasn't brought the cat's litterbox, get a heavy cardboard carton and line it with plastic wrap and newspaper before adding litter. Put the box where the cat can get to it easily, but not in the same area where it will be fed.

Remove plants from the room—some cats are plant nibblers, and some plants are poisonous to cats. To avoid accidents that would distress both you and the cat's owner, remove any delicate things such as precious bric-a-brac or a handmade woolly afghan that the cat can knock over or snag. Cats may do things in a strange place that they never do at home, so don't put the animal in a position where it must be continually reprimanded.

Q. Some friends are coming to spend the day and bringing their dog. We have a dog of our own who is usually good-natured. Do you think there will be any problem with the two dogs?

A. It's impossible to tell for sure if two dogs will like each other, but there are a few steps you can take that might help. If your attitude toward the visitor is welcoming and warm, and you don't communicate any anxiety of your own, your dog will be more likely to be friendly. Another point: Have two dogs meet first outdoors, in the front yard or on the sidewalk, not in the house right away. Your dog shouldn't feel his castle is being invaded abruptly.

If the two dogs seem to like each other, let them romp in a safe place, such as a fenced yard or the basement. Don't ask your dog to share his toys or food or anything else, and don't give them a new toy—what starts out as a friendly game with it might turn into a confrontation.

In the unlikely event that your dog really takes strong exception to the visitor, it's best simply to keep the two separated. Confine your dog for the day—he'll probably protest, but it won't hurt him and will avoid trouble.

Q. I'm taking my cat by plane with me across the country. What should I do in advance?

A. First find out which airline goes non-stop, or has the fewest number of layovers on the ground en route. Then get the details on that airline's rules regarding pets: Can your cat ride in the cabin with you? If it must go in the cargo hold is the hold pressurized and is it heated or air conditioned? (If not, you must make other travel arrangements for your pet because it won't survive the trip.) What health certificates must your cat have? What kind of cat carrier does the airline require? (Most insist that you buy and use one of theirs.) Get a carrier that is big enough for the cat to sit up and to stretch out in, and one that has a secure latch. Be sure your pet wears a collar with your complete identification (including your destination) on it. And don't feed it for 6 to 8 hours before traveling.

Q. Is it true that all blue-eyed white cats are deaf?

A. Most, but not all. Nor is it unusual for white cats to have one blue eye and one yellow or green. If you see a cat with eyes like that, it does not mean there is anything wrong with it. ■

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The Inside Story

Do-it-yourself decorating ideas

More great tricks from decorating pages you've seen in this issue

Quick quilts; stenciled floor and pillows

Lang/Robertson's hearty, washable adaptations of antique quilts, for the room on page 174: Bedcovers made from lengths of quilt-like fabric ("Saratoga," from the Piqués collection by Manuel Canovas), bound with Wright's white braid (found at notions counters everywhere).

Fourteen-inch white canvas pillows are decorated with an enlarged bouquet design taken from the flowery sheets, stenciled on with acrylic paints using an artist's brush.

Pillows, curtains, and slipcovers are scallop-edged, trimmed with Wright's binding.

The plywood floor, edged with faux-bois boards, was painted by Stephen Gemberling, using a stencil he adapted from the sheet's design.

Cloth-covered table

To cover a table with muslin, as Bruce Dilts did (page 173), sand rough spots, then paint table white. When dry, apply Elmer's Glue to table with a brush. (If glue is hard to spread, thin slightly with water.) Wrap table legs with preshrunk muslin, either overlapping or abutting fabric where it meets. (Extra fabric may be shaved off with a razor when table is dry.) Use a clean rag or a wallpaper brush wrapped with a towel to smooth, working lightly so glue doesn't seep through the fabric. Cover tabletop in the same way. Glue overhanging fabric beneath the eaves of the table, using hospital corners if the tabletop is square. Protect table with a sheet and let dry for at least 24 hours. To finish, apply either polyurethane, a fabric sealer like Vaquakleer, or waterproofing Scotchgard.

Gridded floor, fancy footlights

To make the gridded wood and sisal floor like the one Bob Lewis designed on page 175, lay lengthwise strips of wood, then glue or tack sisal (or carpet) squares in between, separate with rungs of lumber, to create a grid effect. Wood and sisal should be equal in thickness. Here, ½-inch sisal matting was gridded by a double layer of ¼-inch lattice stripping. This floor is based on 30-inch sisal squares, like the furniture modules, but can be constructed to any scale. Time-saving tip: Cocoa matting, 3 feet wide, is sold by the foot, and would make a floor based on 36-inch squares extra-easy to install. By Import Specialists, it's available at Conran's, New York; Crate & Barrel Warehouse Store, Chicago and Cambridge; Chase Pitkin, Rochester. Photographs are lit from below by Halo track fixtures installed in a recessed trough built into the sisal-covered platforms behind the sofa modules. Track requires no special wiring; plugs into the nearest wall outlet. This is a practical lighting solution for renters who can't install recessed ceiling lights, and you can take the track with you when you move.

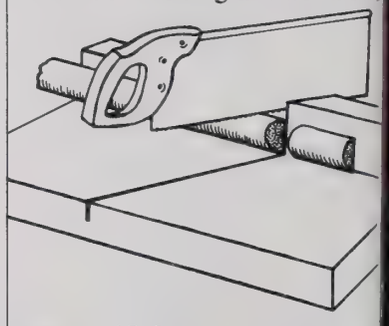
Color Note: Ceiling is painted yellow-ocher, uplit by track fixtures, to reflect a warm glow and offset the coolness of an otherwise all black-and-white room.

Enlarged table

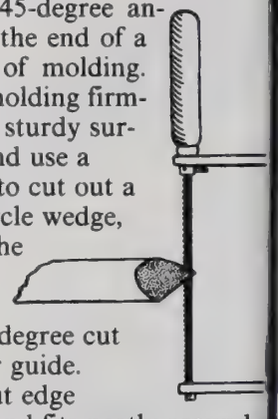
Enlarge a tilt-top table, or any small table, to dining size by topping it with a circle of plywood (see the dining table in the Le Boutillier apartment, page 144). Four small blocks of wood glued beneath the new top help to hold it in place, a piece of felt sandwiched between the two tops also prevents scratches. Before you have a new tabletop made, be sure the base of your small table is sturdy enough to balance the larger top. The 29-inch table on page 144 held a new 36-inch top easily.

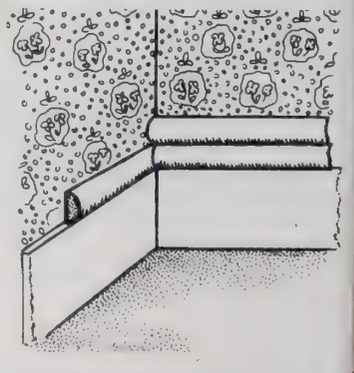
Trimming tricks

Double bands of half-round molding trim the Falzarano bathroom (page 168) for a custom look. Here's the professional way to join half-round moldings at the corners of a room: Using a miter box,



saw a 45-degree angle off the end of a length of molding. Hold molding firmly on a sturdy surface, and use a jigsaw to cut out a half-circle wedge, using the edge of the 45-degree cut as your guide. This cut edge meets and fits neatly around a straight-cut piece of molding already nailed to the perpendicular wall.





The plywood sink cupboard was also covered with vertical strips of half-round molding. Then cupboard moldings, and bamboo blinds were all stained lightly with Ipswich Pine Minwax for a mellow, honeyed look. "It's the perfect finishing touch," say the Falzaranos. "Now the wood looks as if it's always been part of the house."

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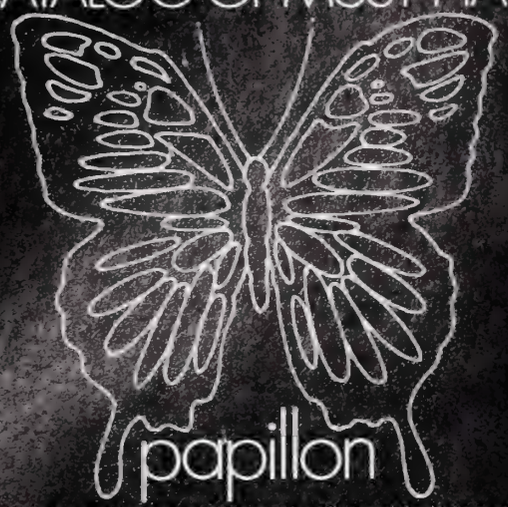

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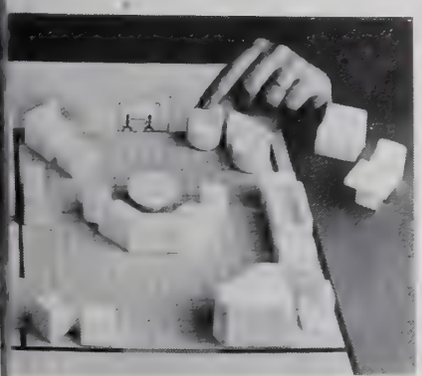

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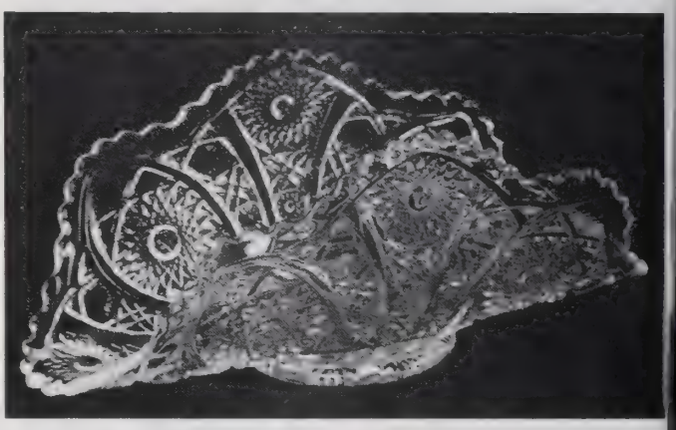

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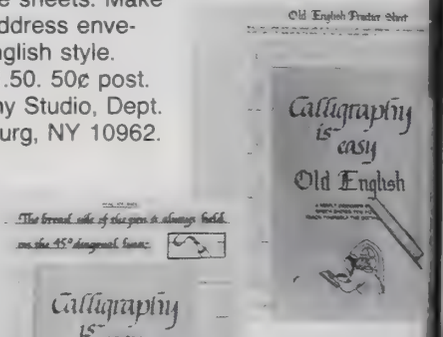

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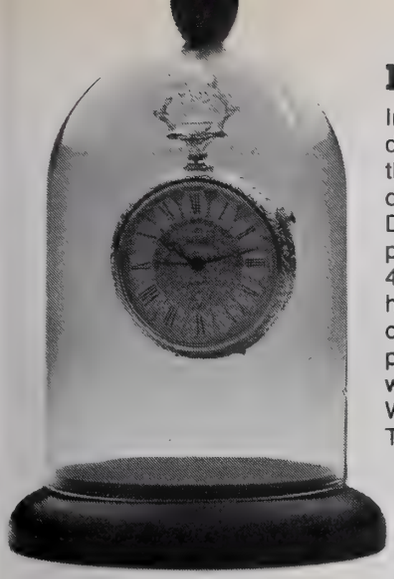

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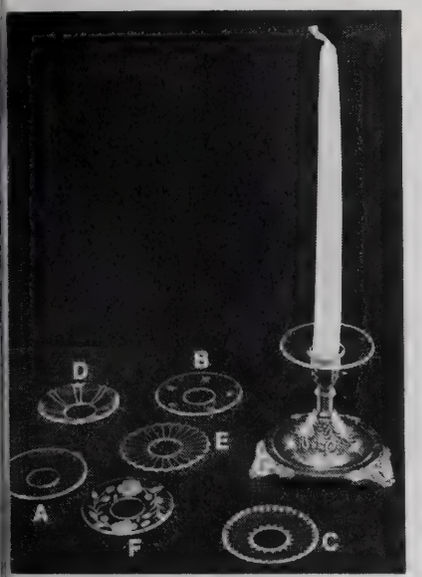

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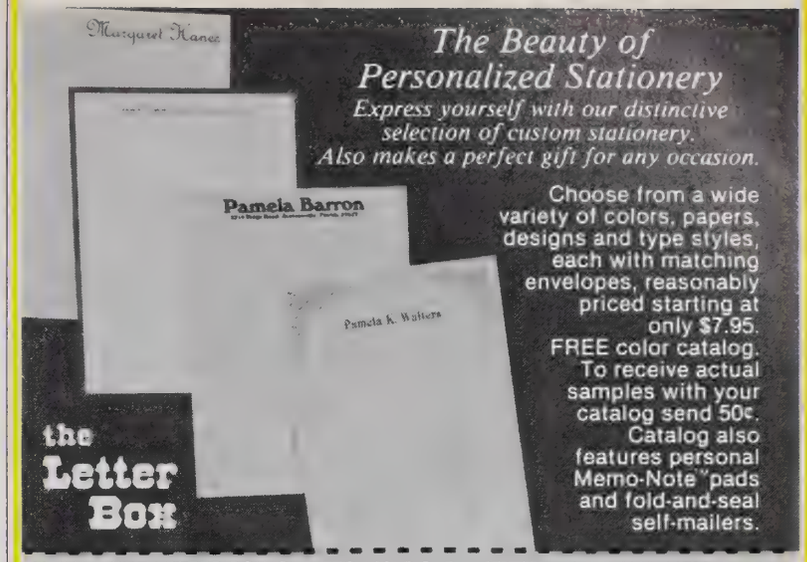

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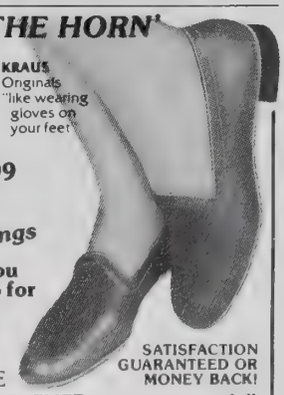

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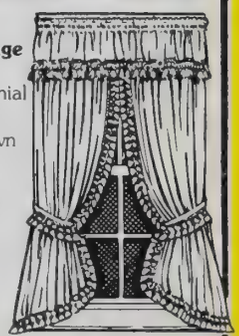

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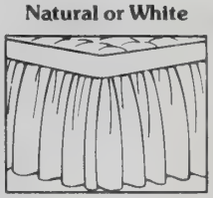

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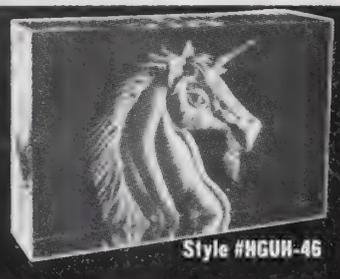

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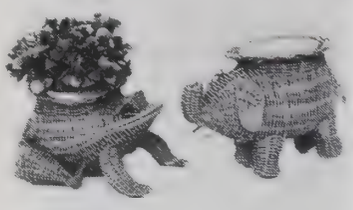

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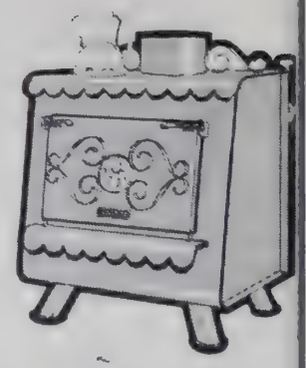

THE EARTH STOVE
Heavy steel with automatic c firebrick lining. One filling burn to 14 hours, uses minimum Converts to open fireplace insta Model 101. 30"w. by 23"d. by 8" flue. Also ¾ size. Write prices, colorful brochure. A-1 & Plumb Supply, HG4, 3910 S.E Ave., Portland, OR 97266.

CHECKS FOR SPRING
Reversible navy denim/gingham check wraparound skirt with long sleeved blouse to match. Poly/cotton, machine wash. Blouse sizes: 10-20, $23. Skirt: S,M,L,XL, $35. Ppd. In red, green, blue or navy gingham. Toll free 800-225-0786. Free catalogue. Johnny Appleseed's, HG4, 49 Dodge St., Beverly, MA 01915.

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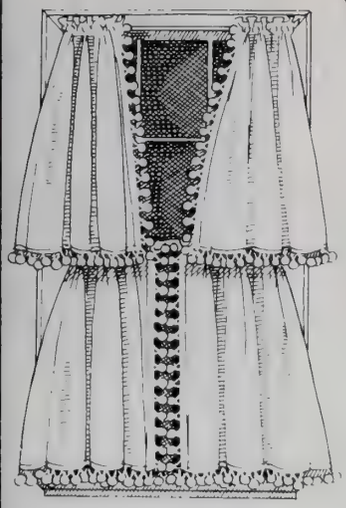
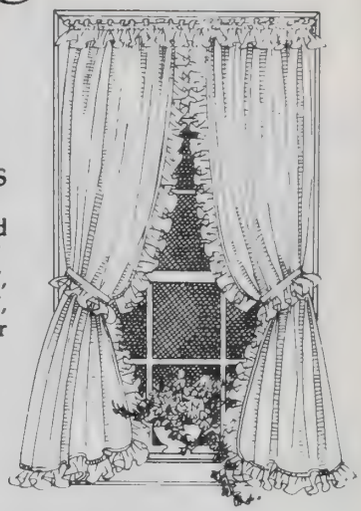
Country Curtains

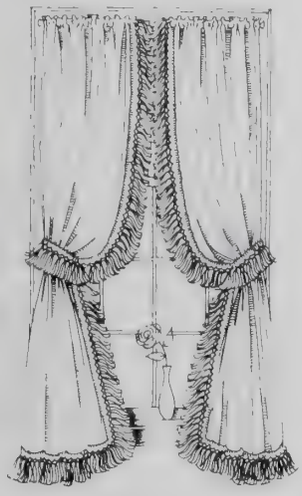


For years Country Curtains have been a charming tradition...they have lent their extra warmth and crispness to American homes all over the country. Thrifty homemakers rely on Country Curtains for old-fashioned quality and conscientious service.

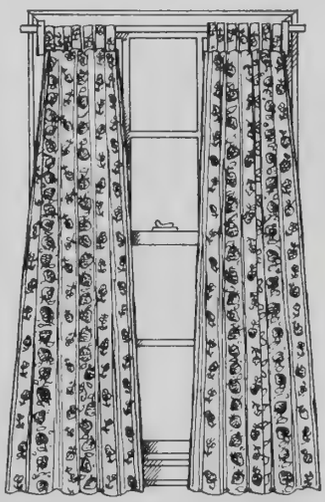
BALL FRINGE...sturdy, specially-made fringe is carefully stitched on by homesewers in the village. Pure unbleached or white cotton muslin or cotton and polyester permanent press in natural or white. 90" wide per pair. 20" or 25" long, $8.50 pr; 30", 36" or 40" long, $10 pr; 45", 54" or 63" long, $14.50 pr; 72", 81" or 90" long, $16.50 pr; Valance, $4.75 each.

RUFFLED PERMANENT PRESS ...crisp and carefree...looks like muslin but in easy care cotton and polyester. Natural or white. 78" wide per pair with 2" ruffles. 25", 30", 36" or 40" long, $10 pr; 45", 54" or 63" long, $15 pr; 72", 81" or 90" long, $17 pr. Valance, 10" x 70", $5.00 each. Please specify color.





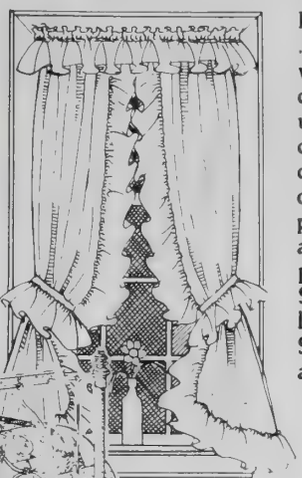
BEDSPREAD FRINGE CURTAINS...the inspiration for these curtains came from a Colonial farmhouse in Vermont. Four inch knotted fringe...so stunning with antiques. Choose unbleached or white 100% cotton muslin with easy care finish or our cotton and polyester blend in natural or white. 90" wide per pair. 20" or 25" long, $13 pr; 30", 36" or 40" long, $13.75 pr; 45", 54" or 63" long, $20.50 pr; 72", 81" or 90" long, $23.50 pr. Valance, 10" x 80", $7.00 each. Please specify color and fabric choice.



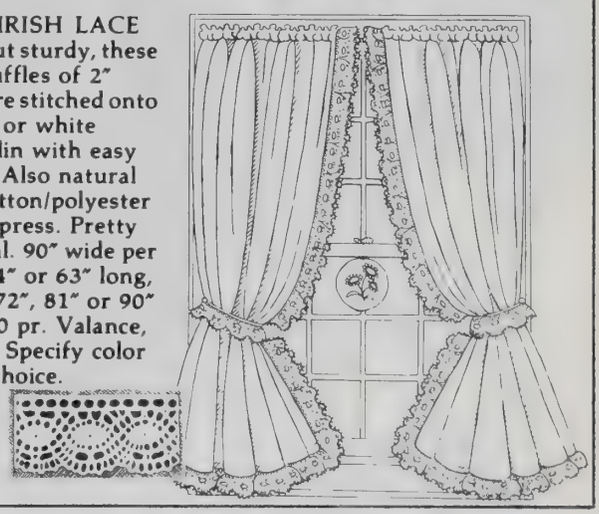
STRAWBERRY FESTIVAL TAB ...cascades of sweet berries in a striking print. The soft shades of pink and green are particularly appealing on a beige background. This bold stripe will dramatically change the looks of your room. Easy care cotton/polyester. 78" wide per pair. 25", 30" or 36" long, $16 pr; 45" or 54" long, $18 pr; 63" or 72" long, $22 pr. Valance, $5 each.

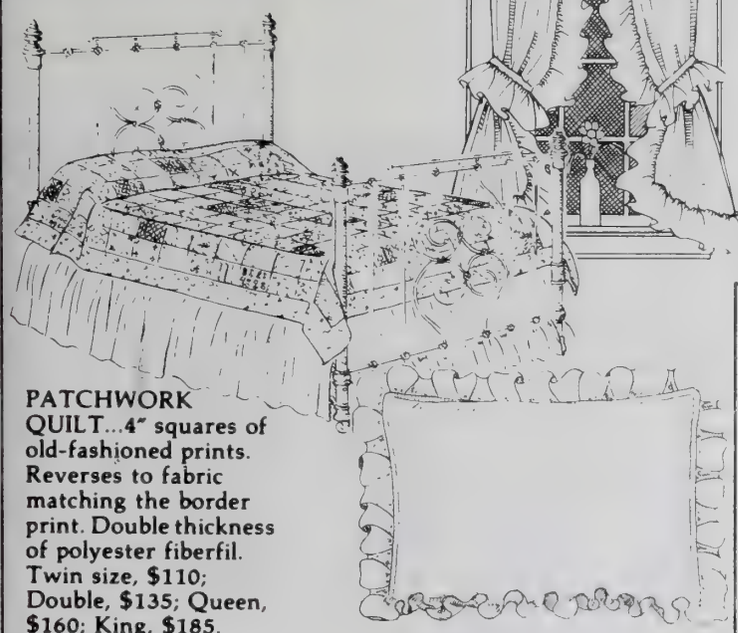
We now have a shop at Pickering Wharf, Salem, Massachusetts.

EXTRA WIDE RUFFLES...for a truly luscious look on your windows. Natural or white cotton/polyester permanent press. Also unbleached or white cotton muslin. 84" wide per pair. 4½" ruffles. 45" or 54" long, $15.50 pr; 63" or 72" long, $17.50 pr; 81" or 90" long, $19.50 pr. Specify color and fabric.



RUFFLED IRISH LACE ...delicate but sturdy, these winsome ruffles of 2" cluny lace are stitched onto unbleached or white cotton muslin with easy care finish. Also natural or white cotton/polyester permanent press. Pretty and practical. 90" wide per pair. 45", 54" or 63" long, $20.50 pr; 72", 81" or 90" long, $23.50 pr. Valance, $7.00 each. Specify color and fabric choice.





PATCHWORK QUILT...4" squares of old-fashioned prints. Reverses to fabric matching the border print. Double thickness of polyester fiberfil. Twin size, $110; Double, $135; Queen, $160; King, $185.

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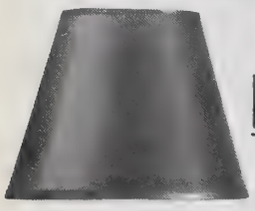

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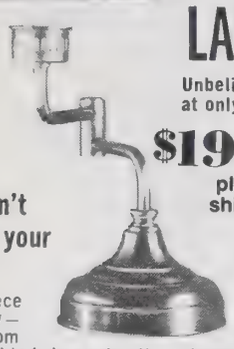

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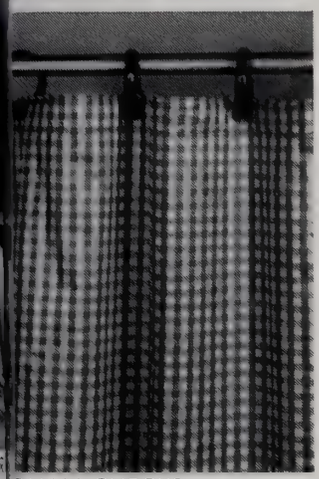

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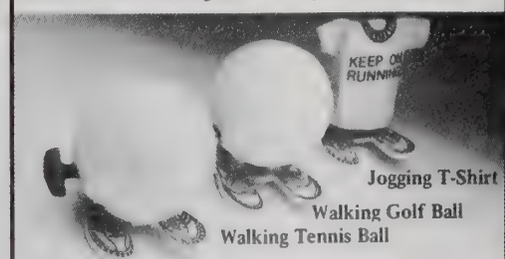

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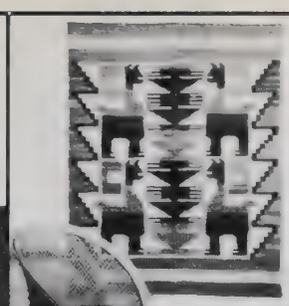

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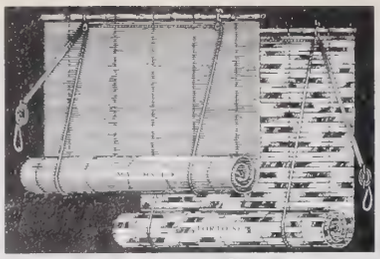

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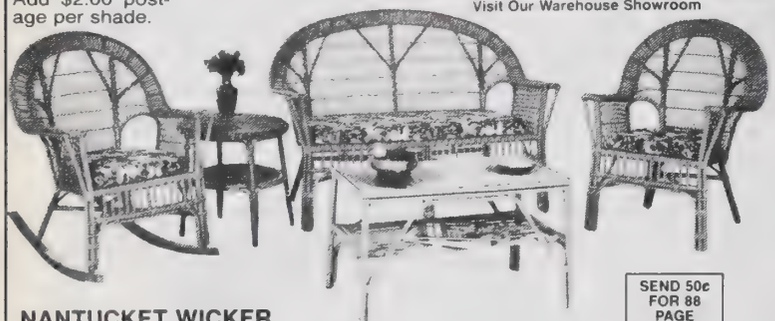

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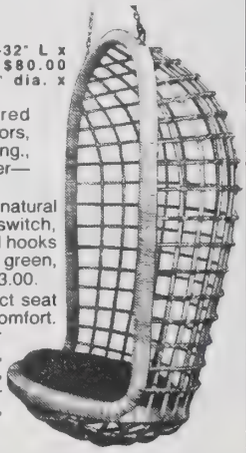

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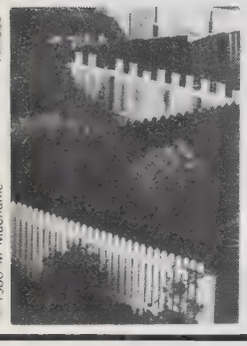

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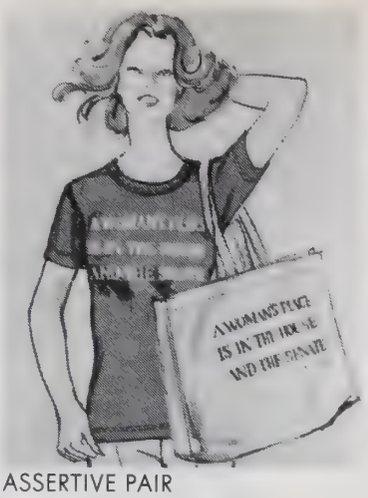

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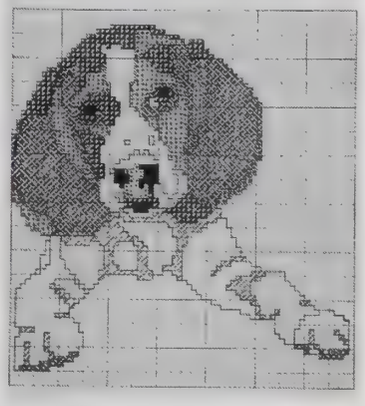

UPDATE
Bi-monthly magazine devoted to needlepoint ideas, techniques, products. A wealth of information for you who enjoy the craft. Each issue offers free patterns, new ways to use needlepoint, and features a guest designer. $9 a year. Outside USA add $2 a year. Needlepoint News, HG4, Box 668, Evanston, IL 60204.

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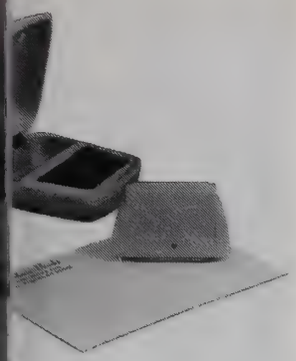

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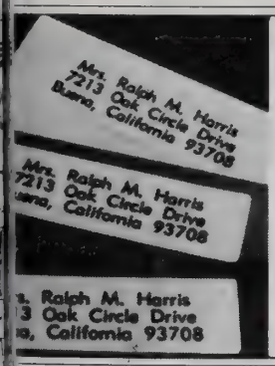

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Identify possessions, correspondence too. Black ink on white, blue, pink, yellow, silver or gold labels. 1¾" x ½". Any message up to 26 letters per line, up to 4 lines, 450 for $6; 1,000 (alike) for $12; + postage of 50¢. Please specify color. Useful 80-P, Gift Catalogue, $1.00. Bruce Bolind, 24-P Bolind Bldg., Boulder, CO 80302.

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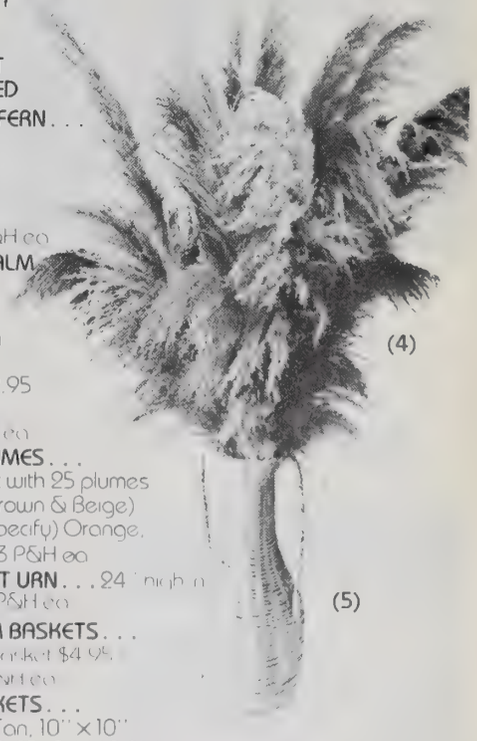

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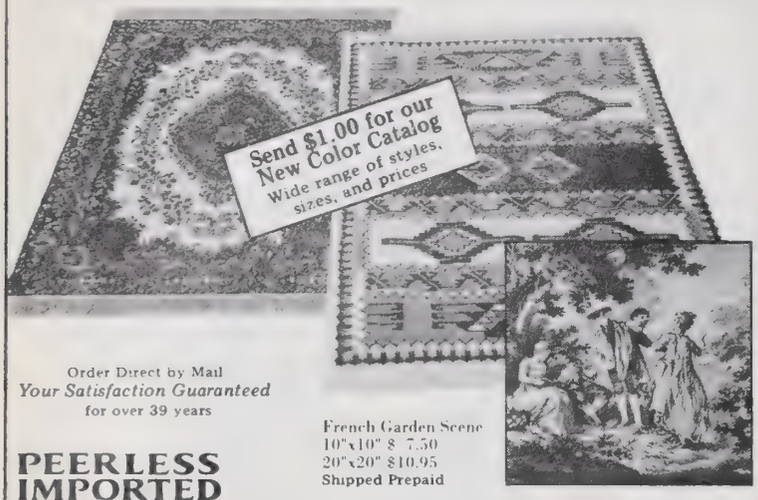

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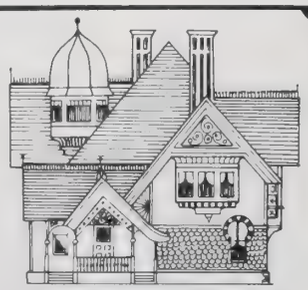

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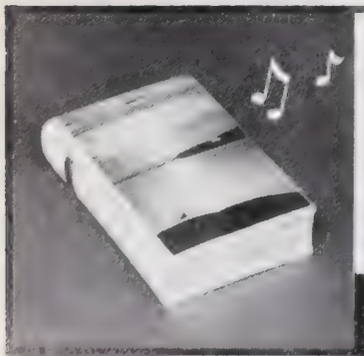

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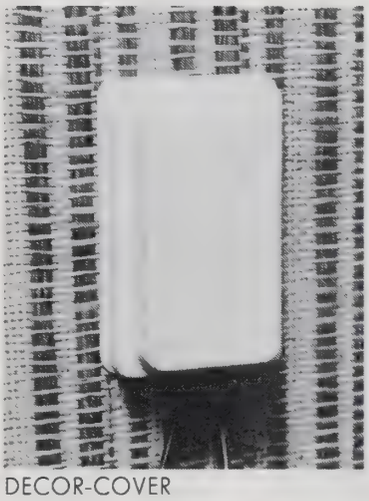

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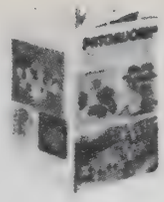

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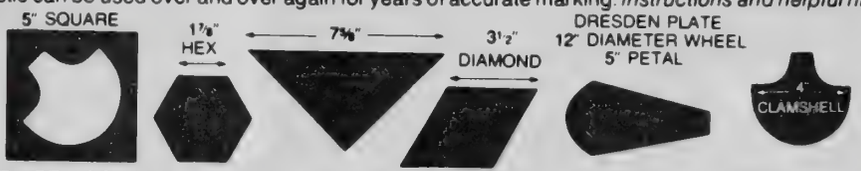

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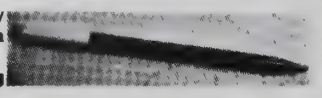

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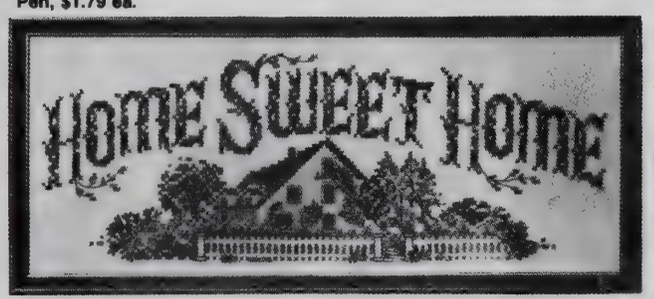

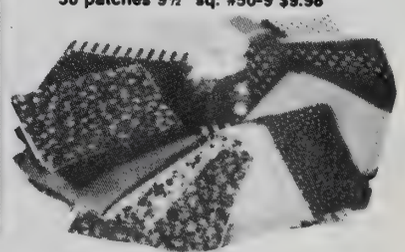

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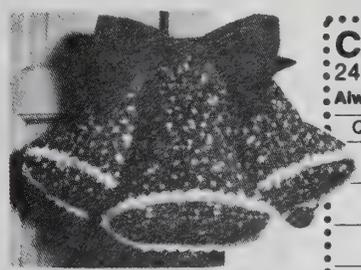

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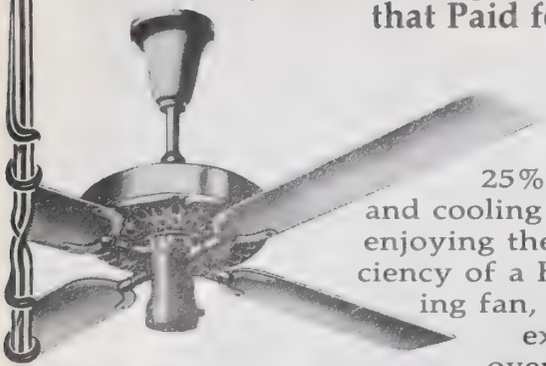

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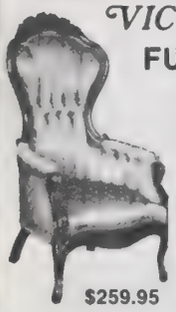

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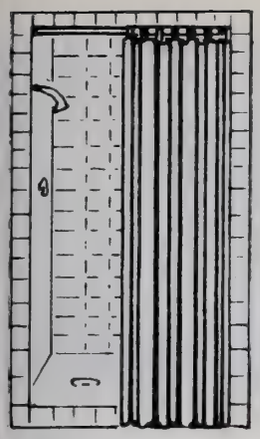

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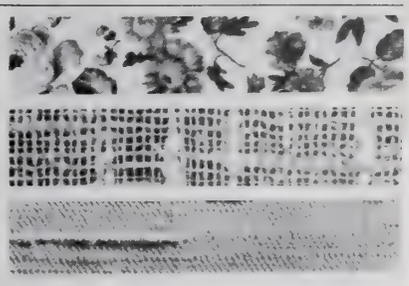

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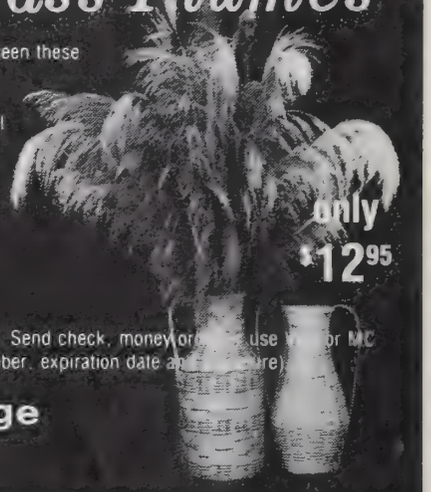

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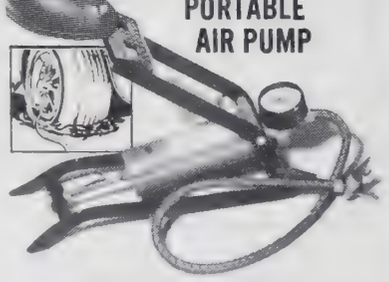

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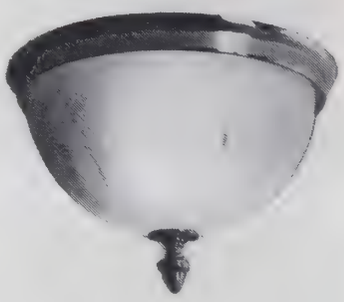

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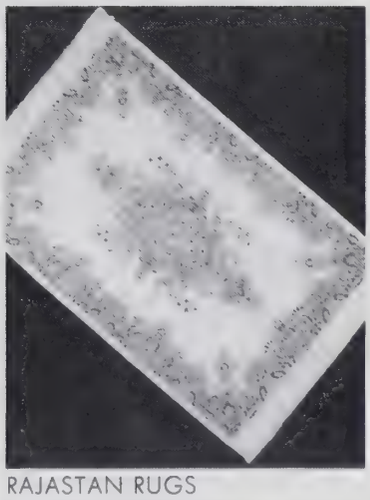

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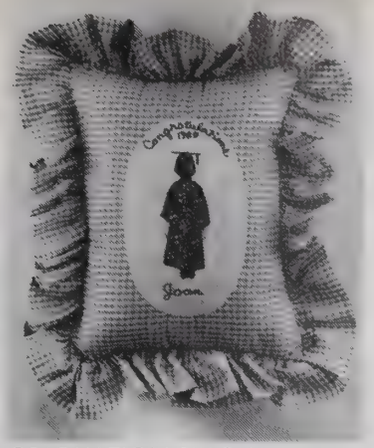

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2

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5

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22

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CATALOG COMPANY, INC.

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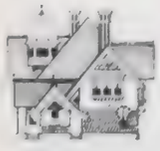

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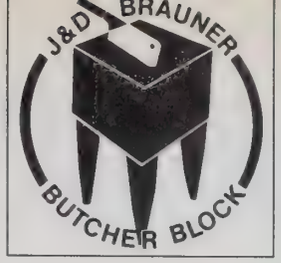

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Mark Weiss and Daughters, Authors

49

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The Woods Path Gallery

43

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the Letter Box

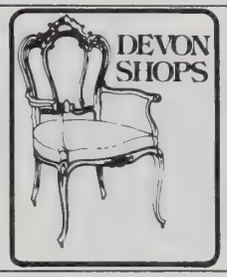
50

Color is in. Personalized stationery collection in lovely colors, designs, type styles, papers to express your colorful style. Available with name/address printed on letters, envelopes. Catalogue with actual samples. The Letter Box. 50¢.

Cleancraft

44

Brochure describes two safe and time-tested products that help preserve the beauty of your carpets. One removes old oxidized pet urine stains, other eliminates pet odors. Also spot remover for carpets. Cleancraft. Free.



51

Fine French and English period dining chairs, tables, hand-carved solid beechwood. Imported from Italy. Hand rubbed wood finish, custom upholstery, coil spring construction. Also raw wood frames. Brochure. Devon Shops. $1.

Miles Kimball
Oshkosh

45

Gifts and gadgets for every member of the family, for special friends. Gardening, kitchen, household and automotive items. Full-color catalogue, for 46 years a shopper's favorite, has 64 idea-packed pages. Miles Kimball. Free.

Old Guilford Forge

52

A selection of skillfully hand-forged hardware and fireplace equipment. Also diversified accessories to complement Early American or contemporary decor. Lamps, furniture and pottery. $1 gift certificate. Old Guilford Forge. 50¢.

fredericks® OF HOLLYWOOD

46

Colorful catalogue crammed full of unusual fashions in dresses, daring sportswear, shoes, lingerie, next-to-nothing underthings, foundations, also wigs. Subscription for one year (11 issues). Frederick's of Hollywood. $2.

Dorothy's Ruffled Originals, Inc.

53

Ruffled designs for original handmade window treatments. Distinctive draping and bows with fullness give special elegance. Matching coverlets, dust ruffles, and other items. Catalogue, swatches. Dorothy's Ruffled Originals, Inc. $2.50.

ISABEL
SELECTIONS

47

Full-color presentation of exceptionally wide selections of handcrafted solid brass beds in traditional and contemporary designs. Tips on decorating with brass are in handsome catalogue. Isabel Brass Furniture, Inc. $3.

Ross-Simons Jewelers

54

All active sterling silver patterns from 50%-65% off suggested retail price of Gorham, Towle, International, Reed & Barton, Lunt, Kirk, Stieff, Wallace. Information on specific patterns or companies. Ross-Simons Jewelers. Free.

OLD PUEBLO TRADERS
since 1946

55

Catalogue features famous labels, top quality and comfortable fit. Apparel, shoes and accessories. Selection now includes petite sizes in addition to missy, half sizes and large sizes for a full range. Old Pueblo Traders. $1.

butcher block & more

56

Since the early 1900's this firm has been producing chopping blocks and boards for kitchen, dining and workroom. Catalogue shows dozens of uses; tables of many shapes, serving carts, wine racks. Butcher Block & More. 50¢.

COLONIAL MAID CURTAINS
Since 1947

57

Authentic Colonial, country-style curtains in every width and length. Complete bedroom ensembles with 14", 18" and 22" drop dust ruffles. Varied no-iron fabrics, styles. Color catalogue, 48 pages. Colonial Maid Curtains. 50¢

Fran's Basket House

58

Wonderful wicker and rattan collection. Furniture and accessories hand-woven in exotic places around the world, imported direct. Many unique and unusual items of high quality. Catalogue, 88 pages. Fran's Basket House. 50¢.

uncommon press

59

Fine stationery personalized with your choice of calligraphy style. Handcrafting of each name by talented artists creates individuality for your joy, or for gift. Folder of styles, colors, other printed products. Uncommon Press. 25¢.

CAROLINA STUDIOS

60

Fabrics of your choice custom-quilted and fashioned into a lovely bedspread, valance, unquilted draperies. Or have it quilted by-the-yard for upholstery, jackets, whatever. Color brochure and samples. Carolina Studios. $1.

MADE 4U RUGS

61

Your own message personalizes a 2' by 3' bound broadloom rug of 100% duPont dacron polyester. Unique accent piece for homes, offices, clubs. Full-color brochure shows over 20 colors, ideas for message. Made-4-U Rugs. Free.

UNIQUE-NAKS

62

Delightful shopping in color pages of a brochure filled with unusual, varied and attractive items. From a hang-up trac rack for kitchen to conversation-piece serving boards for entertaining, for great gifts. Unique Naks. $1.

HOME PLANNERS, INC.

63

Charming presentation of 135 English Tudor homes and other popular family plans. The 96-page book features 1-, 1½-, 2-story and multi-level Tudors. Early American adaptions. All budgets, two-six bedrooms. Home Planners, Inc. $2.

Magnolia Hall

64

Yesteryear furniture catalogue shows largest selection anywhere, recaptures Victorian look. Solid mahogany, Belter-style carvings, Eastlake oak. Variety of accessories. 80 pages including fabric samples. Magnolia Hall. $1.

Hildegarde's

65

Specializing in lace and embroidered curtains, tablecloths, ensembles for bedroom. You'll find many easy-care fabrics in a variety of fiber blends, as well as all-cotton, in catalogue. Domestic and imported. Hildegarde's. $1.35.

Surrey Shoppe Interiors

66

Shower curtains in hard-to-find sizes listed in brochure. Widths from 42" to 108" in different lengths. Polyester/cotton, 15 colors. Clear plastic liners. Matching window curtains, tiebacks. Surrey Shoppe Interiors. 25¢.

SPECTRUM
RESEARCH DEVELOPMENT CORPORATION

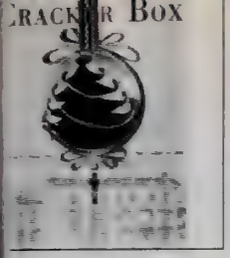
67

The Spectrum Collection features full line of three-dimensional "Internal Sculptures" in Lucite by M. Wald. Also striking jewelry made in 20s/30s with fashion accents of today. Spectrum Research & Development Corp. Free.

BAY COUNTRY WOODCRAFTS

68

Handsome full color catalogue of solid pine waterfowl carvings that reflect an American folk art. Finished decorative decoys, handpainted or in easy to assemble kits. Decoy paints, tools, books, gifts. Bay Country Woodcrafts. $1.



69

Dazzling Christmas ornaments with an heirloom future. Award-winning full-color catalogue sparkles with a collection of over 200 original ornament kits. Exclusive designs from this craft shop are fun, easy to do. The Cracker Box. $2.

herbal concepts inc

76

How to control cellulite is explained in 24-page booklet about the Au Naturel™ formula. Describes causes, composition of cellulite, details program of control. All natural ingredients, top quality, nothing artificial. Herbal Concepts, Inc. $1.

oanne Mee Interiors

70

Colonial curtains and accessories in varied styles, easy-care fabrics, shown in catalogue. And you'll be delighted to find a special group of styles especially for out-sized or problem windows. Joanne Mee Interiors. $1.

Adele Bishop, Inc.

77

Elegant exclusive heirloom stencil designs for major decorating projects. Kits have large professional brushes, comprehensive stenciling course, exclusive Presto-Dri™ japan paints. Full color catalogue. Adele Bishop, Inc. $1.

annard's

71

Periodic brochures and catalogues of useful, unusual gifts for travelers, sportsmen, gardeners, gourmets, office slugs and dormitory grinds. Shop for tasteful items for yourself, for some special friend. Stannard's. Free.

SUE ANTHONY

78

Delightful and unusual things to please you and every member of your family fill catalogue pages that include many handy, practical items to make your daily chores more enjoyable. Also a variety of craft items. Sue Anthony. Free.

CLIPPER TRADE

72

The drama and beauty of the Orient is expressed in a splendid collection of Far East imports to accessorize your home, to enhance your entertaining. Collectibles to cherish. Full color illustrated catalogue. The Clipper Trade. 50¢.

Famous OLD SOUTH REPRODUCTIONS IN CAST ALUMINUM

Moultrie Manufacturing Company

79

Heavy cast-aluminum reproductions of Old South wrought-iron furniture, urns, fountains, planters, custom plaques and a complete line of outdoor furniture including "Charleston" bench. In color. Moultrie Manufacturing Company. $1.

YNCHBURG
RDWARE & GENERAL STORE

73

Old-time Tennessee items include a wide assortment of Jack Daniel memorabilia, cast-ironware, pocket watches, wooden toys, firehouse red suspenders, foods, leather coats. Full color. Lynchburg Hardware & General Store. $1.

STURBRIDGE YANKEE WORKSHOP

80

The source for Americana. Select from over 1,000 wares of the two preceding centuries, all impeccably reproduced. Dolls, jewelry, furniture, lots more. Exclusive copies of Grandma Moses work. Sturbridge Yankee Workshop. 50¢.

Schlegel

74

Seal-It-Now educational news tabloid aimed at all energy-wasting cracks in the home. Sealing products described can be installed by homeowner in just minutes. Professional quality, usually not retailed. Schlegel Corporation. Free.

THE HORCHOW COLLECTION

81

Discriminating shoppers will find the best of everything: gifts, home-decor items, fashions, accessories, jewelry, collectibles. Shop by mail, toll-free phone. Series of full-color catalogues. The Horchow Collection. $2.

DONNA DUSTRIES
Mark of fine Curtains

75

Wide variety of curtains in catalogue. Decorator-look panels. Lace-trimmed priscillas, matching dust ruffles and pillow shams. Choose from many other styles, helpful ideas. No-iron, washable fabrics. Donna Industries. Free.

Walpole Woodworkers

82

Catalogue features distinctive cedar furniture handcrafted in classic New England tradition. Weather-resistant, lightweight, maintenance-free. Ideal for leisure. Partly assembled, easy to complete. Walpole Woodworkers, Inc. $1.

Yield House

83

Early American style furniture by skilled craftsmen. Northern pine and hardwoods, hand assembled and fully finished or in easy kits with all the screws, hardware. Also accessories, gifts. Yield House. 50¢.

V. VINJE & SON

84

The Copper & Brass Works brochure of decorative pieces for your kitchen or fireplace. Old favorites made the old-fashioned way on turn-of-the-century machines. Heavy-gauge copper, finest craftsmanship. V. Vinje & Son. 50¢.

THE TELEPHONE STORE

85

More than 200 telephone styles to fit your space, to suit your place. Choose from glamourous French models, madly mod types, roaring-twenties uprights, wall phones. In color, includes a $2 credit coupon. The Telephone Store. $1.

SHINERA

86

Product line reflects the versatility of Oriental principles for healthful, natural sleep. Futon mattresses are 8 layers of cotton batting encased in tufted muslin. Other products chosen for esthetics, comfort. Shinera. $1.

Hunt Galleries, Inc

87

Finest custom-made furniture available direct from North Carolina family-owned and operated manufacturing plant. Prices are approx. ½ of the established retail value. Color catalogue, manufacturer's price list. Hunt Galleries, Inc. $2.

MH&F

88

Colorful 68-page catalogue for lovers o wee things: dollhouses, furniture, tool rugs, hardware and accessories. Limite editions of Dolores Rawding's exquisit handmade originals featured. Miniatur Homes & Furnishings, Inc. $2.50.

PEERLESS IMPORTED RUGS
ESTABLISHED 1938

89

Full-color catalogue shows complete co lection of rug designs: Oriental, Navaj Scandinavian, antique classic. Fine Eur pean tapestries selection for wall han ings, pillows; framing also include Peerless Imported Rugs. $1.

COUNTRY CURTAINS.

90

Curtains in cotton muslin, easy-care pe manent press, other fabrics. Some ha ruffles; others fringe, braid or lace trim Ideal with antiques. Also tabs, spread dust ruffles, canopy covers, tablecloth Country Curtains. $1.

Bryan-Robeson

91

You can save 40% on fine furniture fro the new fully illustrated 52-page ca logue. It's filled with exciting ideas, col ful room scenes, furniture from 18 century reproductions to contempora designs. Bryan-Robeson. $2.

the wooden swing co

92

High quality line of residential wood playground equipment. Models inclu not only swing sets but also climb structures, slides and playhouse ter Full color catalogue. The Wooden Sw Company. $1.

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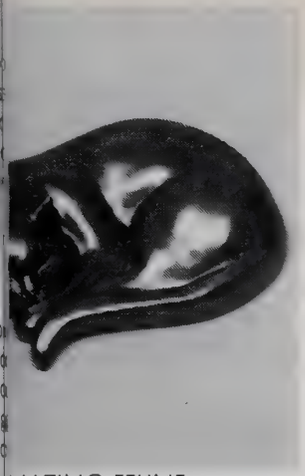

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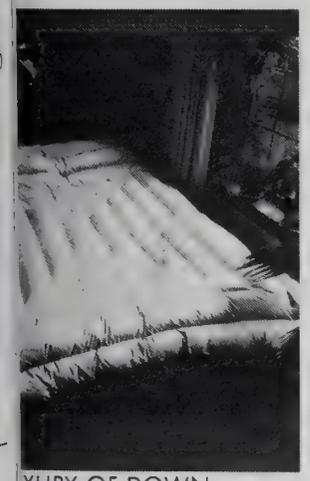

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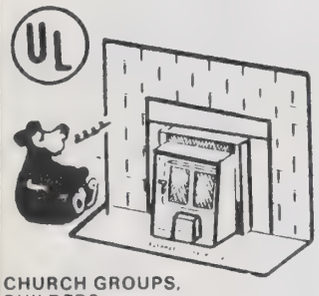

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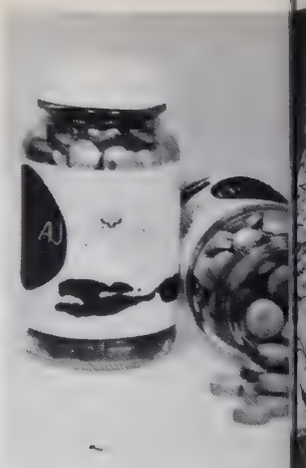

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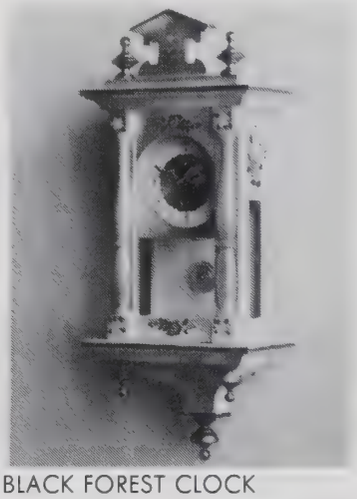

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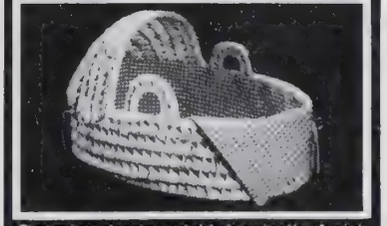

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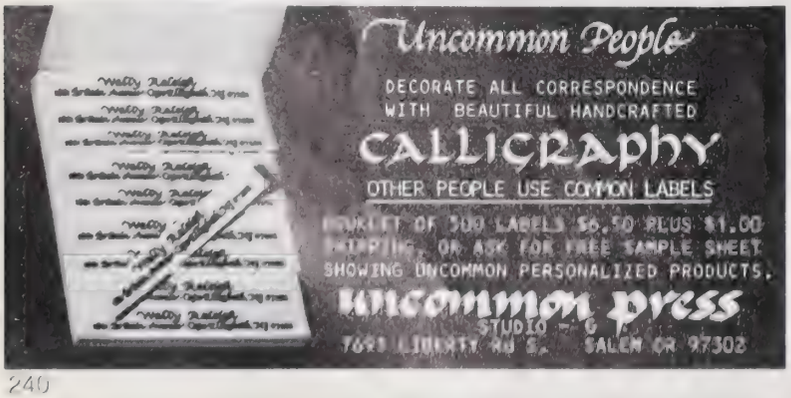

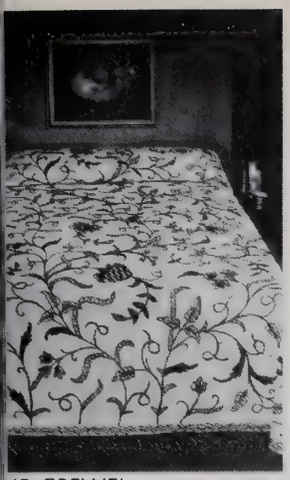

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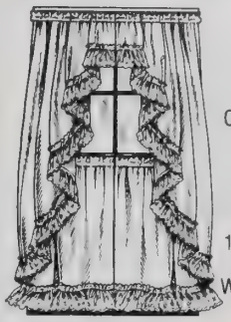

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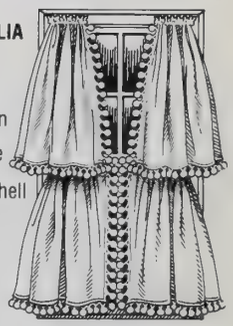

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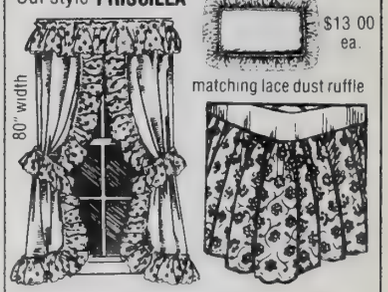

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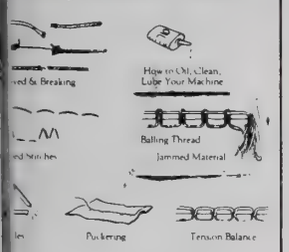

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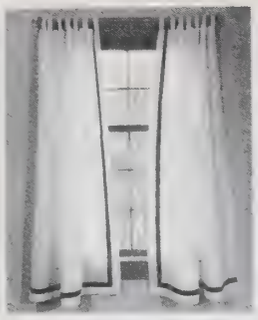

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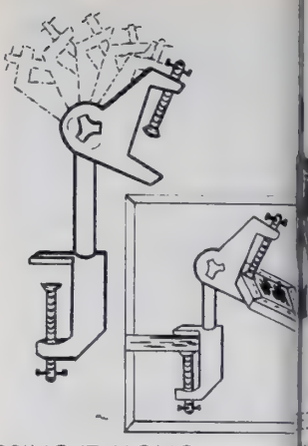

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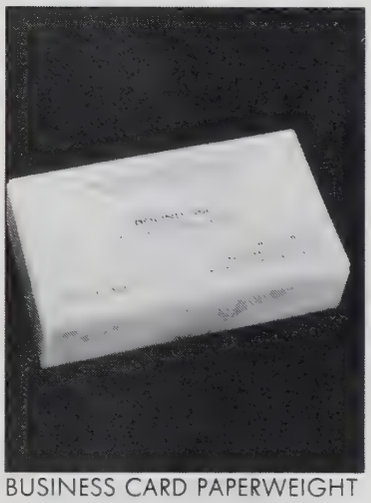

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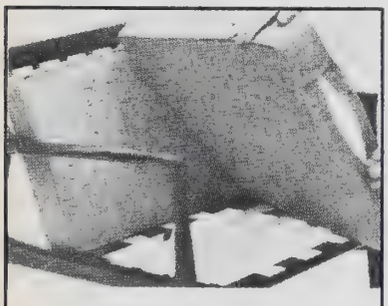

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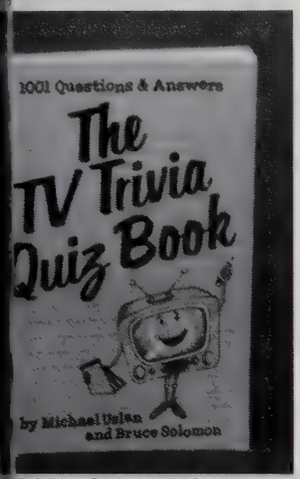

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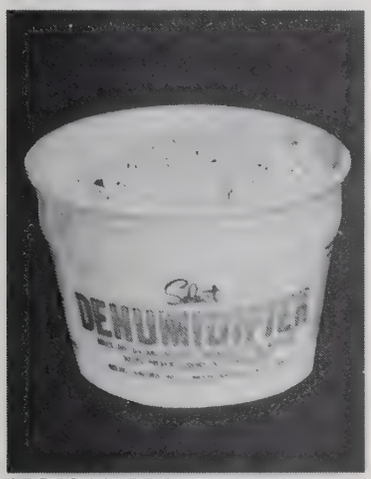

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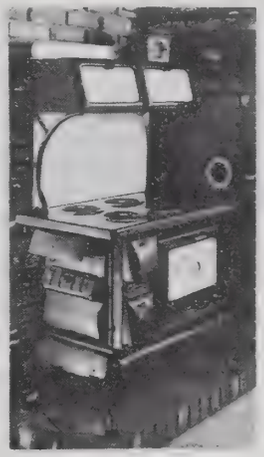

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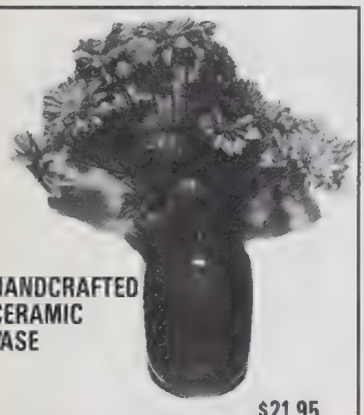

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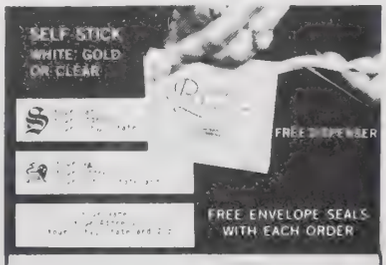

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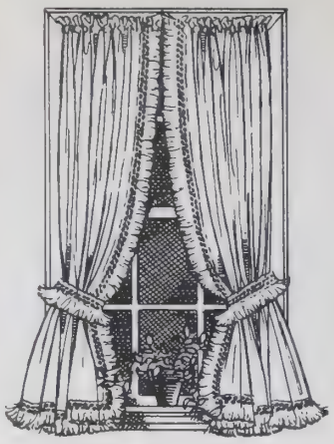

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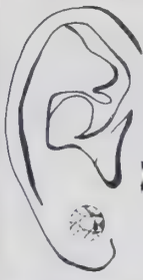

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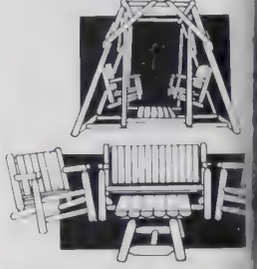

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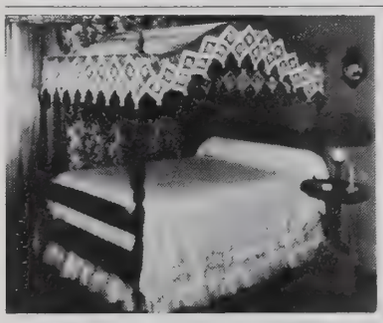

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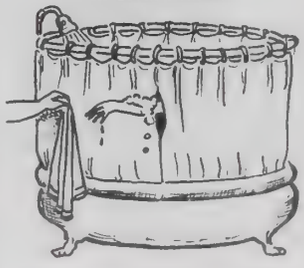

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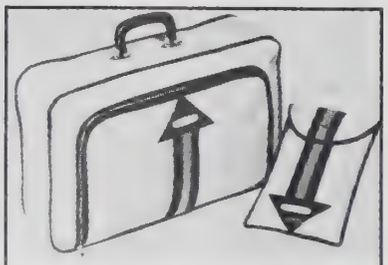

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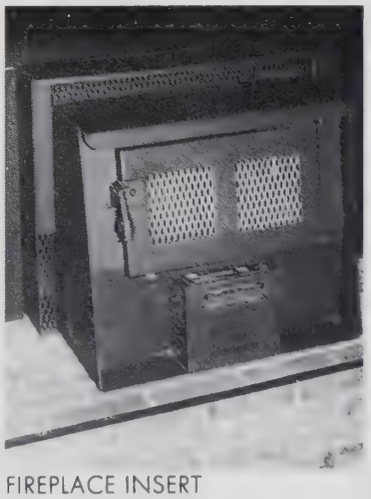

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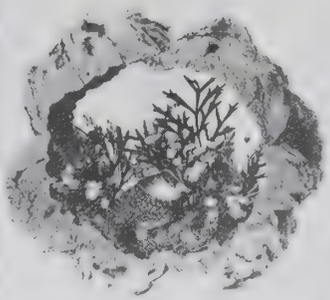

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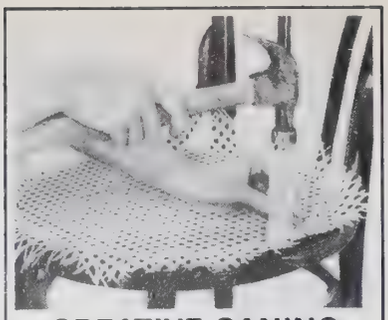

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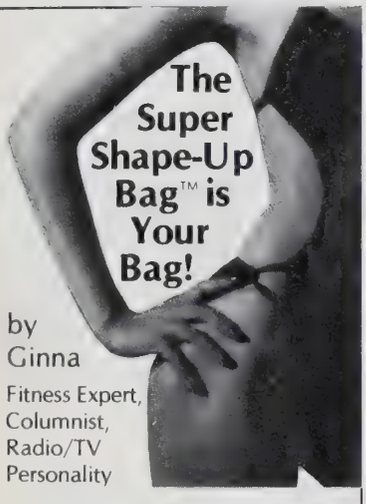

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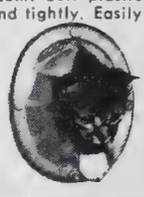

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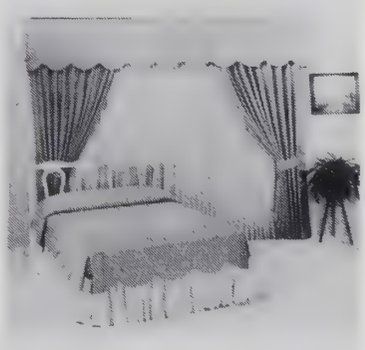

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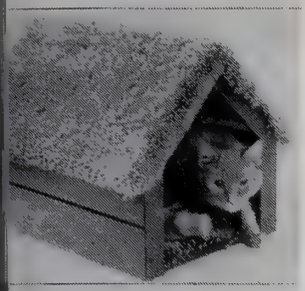

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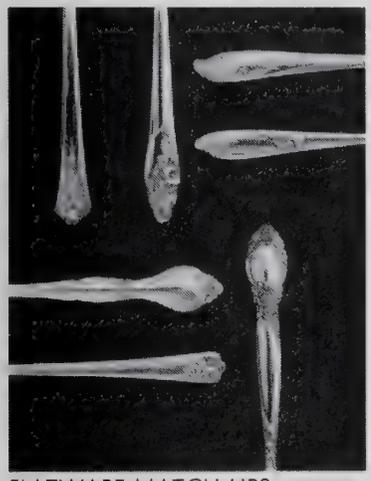

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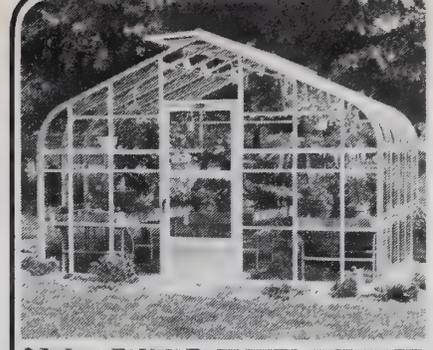

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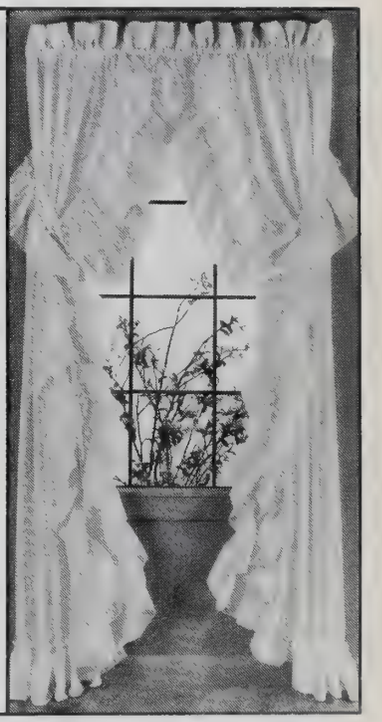

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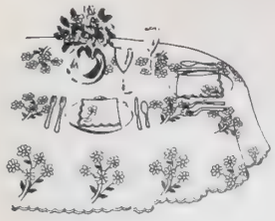

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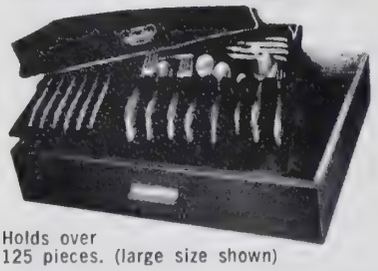

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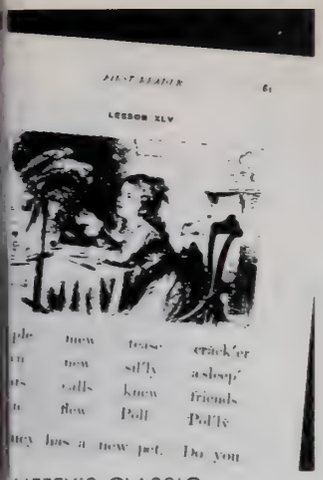

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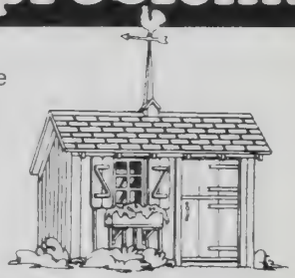

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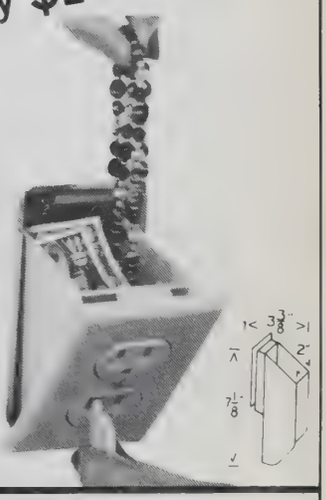

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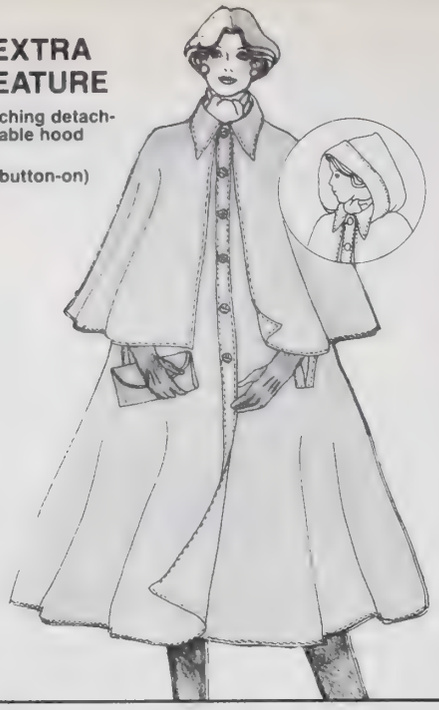

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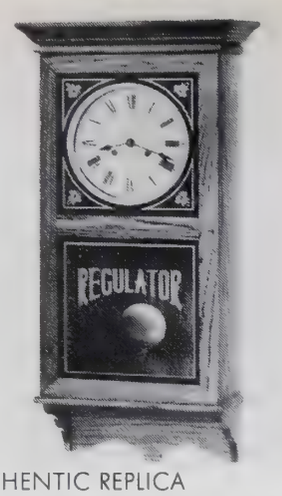

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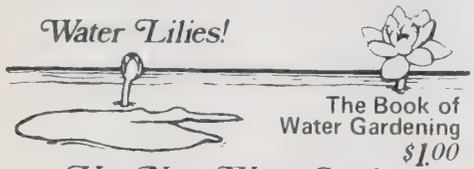

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GARDENER'S NOTES

BY JAMES FANNING

Springtime musings

A World's Fair of gardening, glass for rooting, using peat, succulent reading, seeds galore, vegetables in containers

Montreal Floralies 1980

Most of us have read about and seen pictures of the glorious wildflowers of the Arctic tundra, with little hope of ever getting to see them growing. The summer of 1980 will give us a chance, though, since a half-acre peat bog from the Hudson's Bay area will be on view in Montreal. Transported in frozen chunks to Ile Notre Dame in the St. Lawrence River, the far-northern vegetation will be part of a World's Fair of Gardening, *Floralies 1980.* This will be the first *Floralies* to be held in the Western hemisphere, although these great horticultural displays have been seen at regular intervals for several decades in Europe. Opening May 17 with a weeklong indoor flower show in the Olympic Velodrome, the horticultural displays will move outdoors from May 31 to September 1. You can reach Ile Notre Dame, in the river just south of Montreal, from the U.S. without going into the city itself. Information, including a schedule of admission prices, may be had from: Les Floralies International de Montreal, Bureau du Commissaire général, 360 rue St-Jacques, Montreal, Quebec, Canada H2Y 1P5.

Glass pots

The familiar name Pyrex is moving from the kitchen stove to the plant window. Plant Helpers, a new line of glassware from Corning, uses the familiar sturdy Pyrex in flower pots, saucers, and propagating domes, and glass marbles for rooting cuttings. Less fragile than clay pots, these new ones have the further advantage of being algae-resistant and may be sterilized in a dishwasher just like cooking utensils. An intriguing idea for windowsill gardeners is the use of glass marbles as a rooting medium. They're completely sterile, and provide just the right balance between air and moisture to get cuttings off to a fast start, particularly when a saucer of them is covered by one of the Corning glass domes. Pots are a pleasing amber color, and saucers are knobbed to provide good drainage. Several sizes of pots, saucers, and propagating domes, as well as a window tray and macramé hanger, are at shops selling Corning glassware.

New knobbed saucer elevates potted mauranta for perfect drainage; glass marbles help cuttings root easily.

For the love of peat

Peat is vegetable matter that has been compacted and partly decayed under water. It is formed naturally, as plants grow and die and are renewed from year to year. All kinds of vegetation may become peat, but only two types are available in large enough quantities to be used commercially. These are sedge peat, formed from sedge and other coarse, grasslike plants, and moss peat, formed from sphagnum moss. No one seems to know how the term moss peat got turned around to become peat moss, but that is what both kinds of peat are generally called nowadays. There is a very real difference, however, between sedge peat and moss peat. Sedge peat contains a good deal of the coarse, harsh qualities of the plants that went into it, while sphagnum peat keeps the soft resiliency of the original moss. Both kinds are excellent soil improvers, but spha

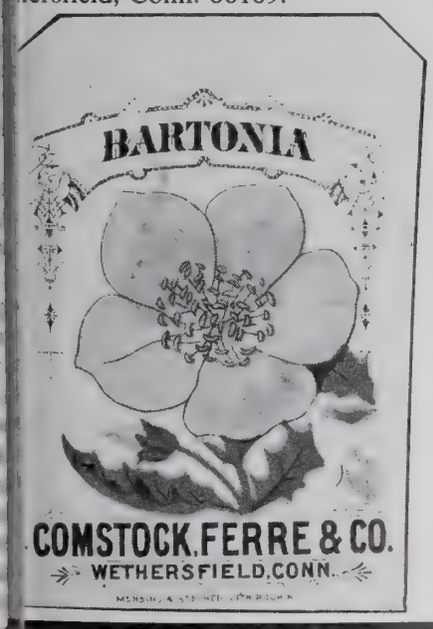
n peat is probably the better kind to in potting soil and seedling flats, be-se of its finer texture and high rate of er retention. Sedge peat comes most-rom temperate climates, while moss is a product of the Arctic tundra. st of the sphagnum peat sold in the comes from Canada, where it is ed from vast northern bogs during few summer weeks when they are ozen.

culent reading

st of us think cactus whenever we see word succulent. Fact of the matter, igh, is that a great many different it families include succulents. The n refers to any plant that stores water s tissues to be drawn upon in time of ight. Some members of the daisy and families, for instance, have this built-eservoir system, and some members ne cactus family do not. All of this is rly explained in *The Illustrated En-opedia of Succulents,* by Gordon ley (Crown, $14.95). Thoroughly il-rated with line drawings and color tographs, this is a truly encyclopedic e to dry-climate plants.

0 years of seeds

oldest continuously operating seed in the United States is celebrating 60th birthday. With growing fields ne fertile Connecticut River Valley, nstock, Ferre & Co., which began rations in 1820, is still making daily of at least one pre-Revolutionary ding. Its seeds, in Victorian-style kets, are sold in hardware and gro-stores in New England and New k, as well as by mail. House plants—atively recent addition to the Com-k, Ferre line—are sold by mail and e retail shop in Wethersfield, Conn., re select varieties of nursery stock also offered during the growing sea-Located on the west bank of the necticut River just below Hartford, Comstock, Ferre demonstration gar-are open to the public during the mer. Their catalogue is free, from nstock, Ferre & Co., 263 Main St., hersfield, Conn. 06109.



GROWING VEGETABLES IN CONTAINERS

BY LOUISE RIOTTE

From 8-inch pots of chives for a window sill to 5-gallon plastic trash cans for summer squash, almost any container is satisfactory if it's large enough to hold your vegetable crop when it's fully grown. Even open laundry baskets, plastic or wicker, can be modified by lining them with plastic sheeting. (Punch ¼-inch drainage holes along the sides near the bottom.)

Full sun is best for most vegetables and herbs. Leafy vegetables (lettuce, cabbage, mustard greens) can stand more shade than root vegetables (beets, radishes, turnips). Root vegetables can stand more shade than fruiting vegetables (tomatoes, cucumbers, eggplant, peppers), which do poorly in shade.

The best outdoor planting date in one area may be days or weeks from the best in another. Temperatures differ even a few miles apart. Cities, for example, are often 5 to 10 degrees warmer than their suburbs. You will need to know—for your locality—the average date of the last killing frost in spring, and the first in the fall. Many seeds and plants can be set out *before* the danger of frost is past, as well as after, but those that need warm soil are cucumbers, eggplant, peppers, summer squash, tomatoes.

You can start any seed indoors early. Try peat pots or pellets, or sliced milk cartons filled with sterile potting mix. Plant to the correct depth and cover lightly with sterile milled sphagnum peat moss to prevent "damping-off." Moisten from the bottom, then enclose the seed trays in a plastic bag or mini-greenhouse until the seedlings emerge. Transplant to larger containers after the first two leaves are fully developed, being careful not to disturb the roots. Plants may be gradually hardened off (put outdoors during the day, brought in when temperature drops at night) for 2 weeks before moving them permanently outdoors. Like some apartment gardeners who have very good sun, you may also have success growing them as edible house plants.

Beets. Days from seed to harvest: 55 up. Planting depth of seed: ½ inch. Space between plants: 3 inches. Harvest when 1 to 2 inches in diameter.

Cabbage. Days from seed to harvest: 55 up. Planting depth of seed: ½ inch. Space between plants: 12 to 18 inches. Harvest when head is hard and round.

Carrots. Days from seed to harvest: 65 up. Planting depth of seed: ½ inch. Space between plants: 2 to 3 inches. Harvest small, when ½ to 1 inch in diameter.

Chives. Days from seed to harvest: 60 up. Planting depth of seed: ½ inch. Space between plants: 2 to 3 inches. Clip as needed for salads and toppings. Perennial.

Cucumbers. Days from seed to harvest: 55 up. Planting depth of seed: ½ inch. Space between plants: 18 inches, or use container of at least 5-gallon size. Pick before hard seeds form.

Eggplant. Days from seed to harvest: 65 up. Planting depth of seed: ¼ to ½ inch. Space between plants: 18 inches, or one plant per 4–5 gallon container.

Leaf Lettuce. Days from seed to harvest: 50 up. Planting depth of seed: ¼ to ½ inch. Space between plants: 4 to 6 inches. Clip when leaves are large enough to be useful. Make successive plantings unless hot weather hinders.

Onions. Days from seed to harvest: 80 up. Planting depth of seed: ½-inch; bulb sets: 1 inch. Space between plants: 2 to 3 inches. Give plenty of moisture. Harvest as scallions (8 to 10 inches tall), or let mature, then dry and store.

Parsley. Days from seed to harvest: 70 up. Planting depth of seed: ¼ to ½ inch. Space between plants: 6 to 8 inches. Clip for garnish. Seeds germinate slowly—soak them overnight before planting.

Pepper. Days from seed to harvest: 65 up. Planting depth of seed: ¼ to ½ inch. Space between plants: 14 to 18 inches.

Radishes. Days from seed to harvest: 22 up. Planting depth of seed: ¼–½ inch. Easy and fast from seed, will not transplant well. Space between plants: 1 to 2 inches. Harvest when ½ to 1 inch in diameter.

Summer Squash. Days from seed to harvest: 50 up. Planting depth of seed: 1 inch. Space between plants: 18 inches. One bush type per 5-gallon container.

Tomatoes. Days from seed to harvest: 55 up. Planting depth of seed: ½ inch. Space between plants: 14 to 36 inches, depending on variety. Stake large ones. Larger return and more fun than any other vegetable!

Turnips. Days from seed to harvest: 35 up. Planting depth of seed: ½ inch. Space between plants: 3 inches. Harvest when 2 inches in diameter.

Editor's note: Search your favorite seed catalogues for ideal container-size vegetables. If in doubt, here are some small, early-maturing varieties suggested in the handbook, *Small Gardens for Small Spaces* (Brooklyn Botanic Garden, 1000 Washington Ave., Brooklyn, N.Y. 11225; $2.55 ppd):

Beet: 'Early Wonder,' 'Crosby's Egyptian.'
Cabbage: 'Morden Dwarf'
Carrot: 'Little Finger'
Cucumber: 'Bush Whopper,' 'Cherokee 7,' 'Patio Pik.'
Eggplant: 'Morden Midget'
Lettuce: 'Tom Thumb,' 'Bibb,' 'Buttercrunch,' 'Ruby.'
Parsley and Radishes: All kinds
Squash: 'Scallopini,' 'St. Pat Scallop.'
Tomato: 'Tiny Tim,' 'Patio F,' 'Small Fry VFN,' 'Sugar Lump,' 'Sweet 100.' ■

BEST IN BOOKLETS

Marvelous ideas to help you plan and shop are in the booklets below, and they're yours for the asking. You can order them directly from House & Garden—send for the ones you want today. Just fill out and return the order coupon, circling the number of each booklet desired, enclose $1 for postage and handling, plus any additional charge as indicated next to the booklet number, and we'll see to it that your booklet requests are filled as quickly as possible. Do not send stamps. Cash, check, or money order may be used.

Building and remodeling

1. GREENHOUSE IDEABOOK features 186 bright ideas on how to make a greenhouse more than a greenhouse. New color catalogue filled with ideas and styles—from window size to room size. Lord & Burnham. 50¢

2. THINKING ABOUT ROOFING OR FLOORING? Two colorful, information-packed booklets are a must-read for homeowners. You'll learn about asphalt shingles from America's largest shingle manufacturer and discover sheet vinyl flooring and floor tile colorations that correspond to House & Garden Colors. GAF.

3. WINDOW AND DOOR IDEAS. Helpful 16-page booklet shows house builders and remodelers how types of windows can fit into contemporary and traditional architecture. Energy-conserving double glazing system, low-maintenance exterior, plus easy washing features are described. Rolscreen.

Decorating

4. "EVERYTHING YOU SHOULD KNOW BEFORE YOU BUY ANOTHER PIECE OF FURNITURE." This booklet gives you the background on color, size, and budget that sets your taste free with the confidence to create a home uniquely your own. A glossary of furniture terms and styles is at the end. Stanley Furniture. $2

5. WINDOWS BEAUTIFUL. A complete and authoritative book on window treatments. Room-setting photographs in color, examples of most popular types of treatments, styles suitable for various rooms, ideas for common and problem windows, how-to for measuring and sewing, basic treatment for many types of windows. Kirsch Company. $1.95

6. "THE STORY OF SOLID WOODS." Brochure describes the detailed art of making Davis solid wood furniture. Shown in color are its beautifully finished Italian, English, Oriental, French, and Victorian designs. Davis Cabinet Company. $1

7. MODERN FURNITURE FROM A TO Z—that's what you'll find in the new 148-page color catalogue from Roche Bobois. Settees to lithographs, storage units to pillowcases, tables, lamps, and desks for those who want their homes to reflect their individual style with unique yet timeless decoration. Roche Bobois. $5

8. "THE ENLIGHTENED HOUSE" is a booklet with suggestions for enjoying the shining crystal lights of Waterford. Inviting lighting is the key to a feeling of warmth in your home. Information about illumination, task and accent lighting, chandeliers, and hints on selecting china and crystal lamps, fixtures, lampshades. Waterford Glass, Inc.

9. "OUR LOOKS AREN'T DECEIVING." Color brochure illustrates the "Lorraine V" collection of French Provincial dining room and bedroom furniture—traditional pieces designed to blend with any decorating scheme. A booklet describing the excellent features of this fine furniture is included. White of Mebane. $1

10. RUG CATALOGUE. Thirty-eight full-color pages show off the beautiful "Custom Crafted Rugs" of Cabin Crafts. Read how they shear, finish, and make the unique designs by single-needle technique. Cabin Crafts. $2

11. WROUGHT-IRON FURNITURE—a beautiful, versatile solution to both indoor and outdoor decorating needs. In the new Woodard catalogue, you can choose from a rainbow of 21 finishing colors in 13 different furniture collections which suit any decorating style. Lee L. Woodard Sons, Inc. $3

12. FAMOUS DESIGNS. Series of br chures illustrating best-selling Drex collections. Each booklet is a guide f selecting furniture for your bedroo dining room, and living room. Han room-planning kit is included. Drex Furniture. $2

13. FURNITURE MAGAZINE illu trates a generous sampling of Centu furniture photographed in homes a outdoor locations across the count Each of the collections shown in t publication and Century's six consun brochures includes bedroom, dini room, and occasional pieces. Centu Furniture Co. $2

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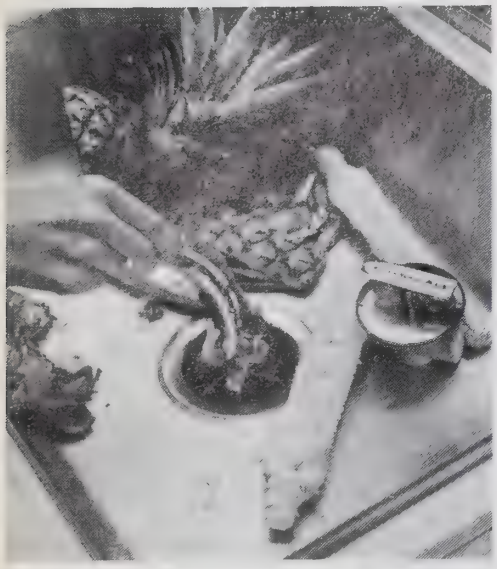

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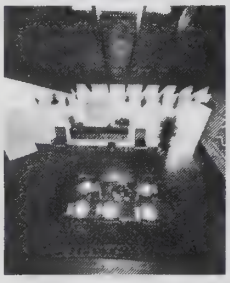
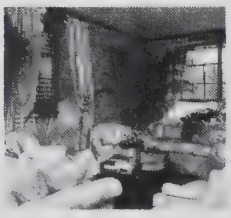
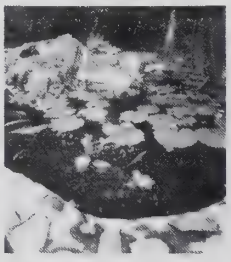
Orange flower p. 14



Barn-based house p. 154

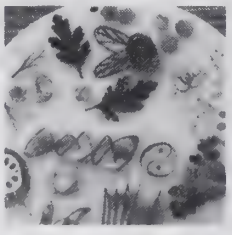


Living room 3 ways p. 162



Water gardens p. 188

Kitchen makeovers p. 176



Lily pond p. 199

DECORATING, ARCHITECTURE, BUILDING

68 A decorator speaks her mind: An interview with Madeleine Castaing by Marie-Pierre de Cicco
95 Decorator showhouses you can visit
118 Put energy into your remodeling. By Sandra Oddo
142 House craft. By Deanne Raffel
154 Remodeled house, remodeled lives. By Martin Filler
162 Decorating in 3 moods
168 Living rooms for a living legend
176 Weekend kitchen remakes that busy people did themselves
184 New angles for an old house
194 Energy-smart living: A modern adobe
247 The inside story

ANTIQUES

36 Questions & answers: Antiques. By Louise Ade Boger

FEATURES

17 Ingenious ideas: Easy house care
22 Living. Edited by Paula Rice Jackson
46 You and your car: The new look in car interiors By Richard and Jean Taylor
66 Country notebook. By Dee Hardie
86 Read the label—save energy. By Nicole LaMotte
98 Sights, sounds, and space-age housekeeping: Fun and games—computer style. By David Lachenbruch
153 Little ideas that can make your space feel bigger *(Editorial)*
174 Money-smart strategies for the '80s. By Nancy Richardson
227 The kitchen page. Edited by Barbara Portsch
243 Living with pets: "My dog has fleas." By Patricia Curtis

WINE & FOOD

148 Food created with an artist's touch
198 Meal in minutes
201 Hot or cold, you *can* take it with you
202 Oriental take-alongs. Easy to prepare, simple-ingredient meal ideas and flick-of-the-wrist garnishes
206 Good spirits: Good buys in wine. By B. J. Cutler

GARDENING AND HOUSE PLANTS

81 Plants around the house: How to grow house plants from seeds By Richard Langer
107 How to take your garden with you when you move By Monica Brandies
108 How to attract birds to your garden. By David Wickers
136 Energy update: Considering a greenhouse?
188 Rediscovering the pleasures of the water garden. By Anthony Huxley
276 Tranquil lilies, flickering fish
278 Gardener's notes. By James Fanning

BEAUTY AND HEALTH

40 Looking good, feeling fit: How a perfume is born By Paula Rice Jackson
91 Your family's health: The Ys have it. By Suzanne Murphy

TRAVEL

54 Going places, finding things. Edited by Nancy Richardson Delicious Austria. By Penelope W. Linck; Summer trips away from home; U.S. trip-lets to take this month

READER'S SERVICE

32 Dear House & Garden. By Margaret Morse
240 Shopping information
245 Building facts
248 Shopping around with Audrey Nichols
280 Best in booklets

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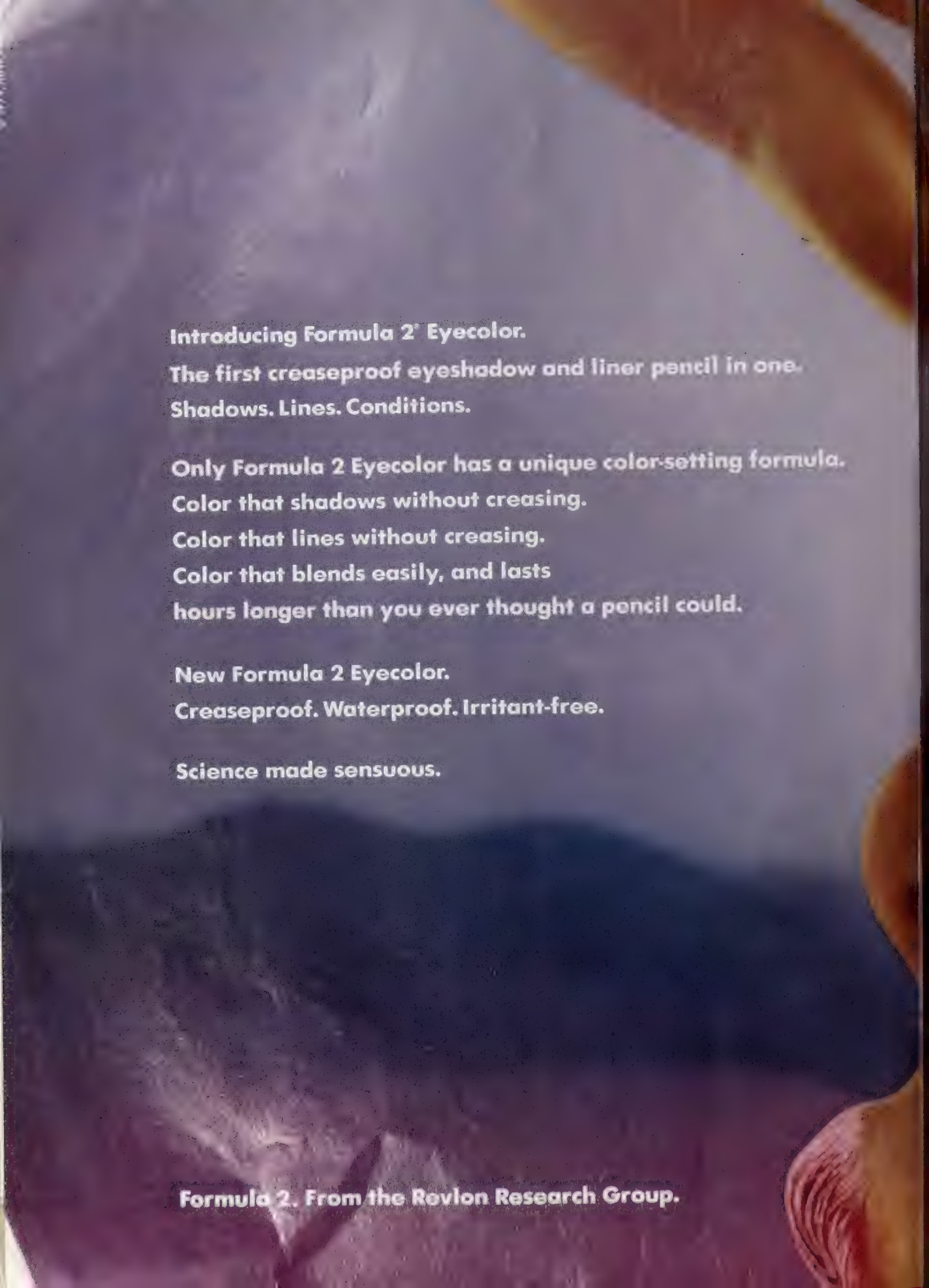
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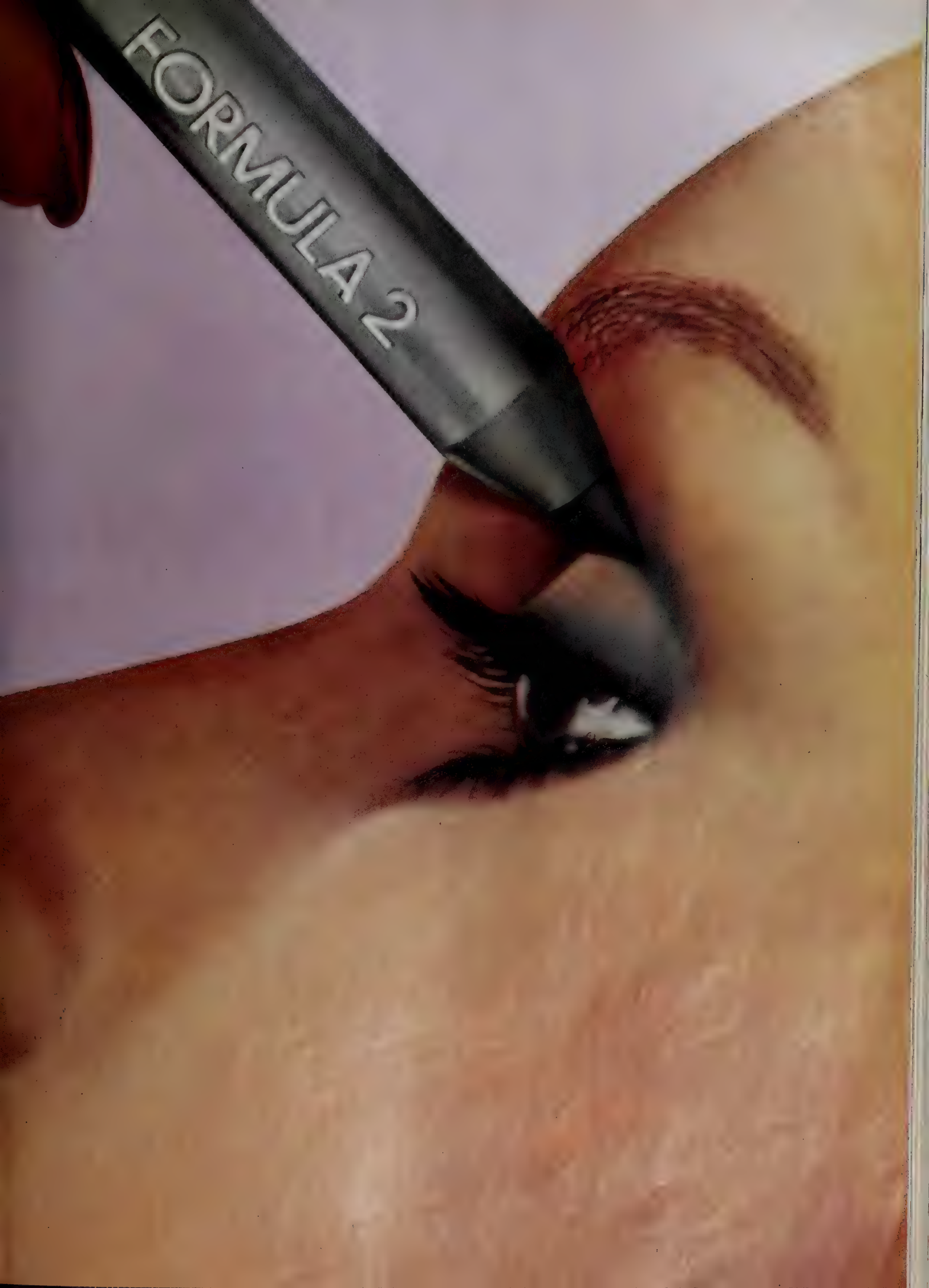
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During the middle of the 18th Century in England, cabinetmakers such as Thomas Chippendale and George Hepplewhite began to shape fine mahogany solids and veneers into classical forms. This four poster bed with slender posts, fluted and with a vase shaped lower portion carved with classic leaf ornamentation, is typical. The delicate frieze at the top of the chest-on-chest is a distinctive design element on a number of pieces in the Baker 18th Century Mahogany Collection.

`This and other Baker collections may be seen in many fine stores throughout the country.

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Introducing The Museum Collection by Gorham.

Fine China inspired by timeless designs from world famous museums. Now Fine China is a fine art.

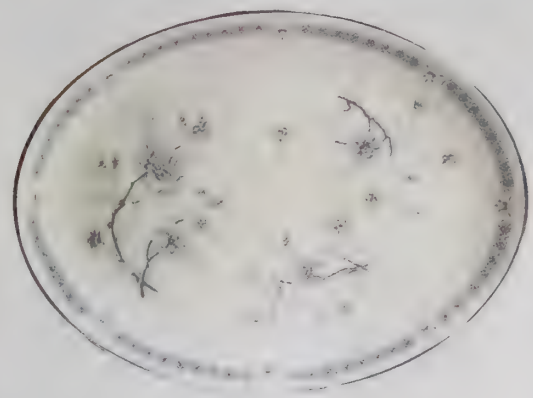
Gorham has always said that creating Fine China is a fine art. It is this conviction that has led us to the world's most famous museums for inspiration. And these extraordinary designs are the result. Although they originate in different cultures, the designs share a timeless beauty. An acknowledged place in the history of fine design. And a rich heritage that Gorham takes out of the museum and brings into your home.

To translate designs of this quality, Gorham's American craftsmen have created the finest china imaginable. China that is incredibly translucent. And so elegant you are not surprised to see it rimmed in gold or platinum. Truly Fine China for a lifetime that you can afford now.

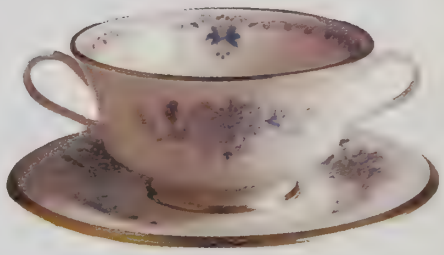
Consider *Grande Motif*, inspired by the Rococo decorating style popular in the 18th century. This design was adapted from elaborate, hand-painted ceiling ornamentation discovered at Versailles, now a French landmark. Notice how beautifully its delicate detail conforms to the shape of the plate and the cup, especially on the inside rim. Truly unequaled elegance for any table setting.

The porcelain of Andre-Marie Leboeuf was so extraordinary, he received the patronage of Queen Marie Antoinette and his wares became known as the Queen's Porcelain around the end of the 18th century. Our *Fleurs de France* patterned after one of his designs now in a fine New York Museum, is distinguished by a daintiness of design that sets a mood of formal elegance, yet is still warm and inviting

Perhaps no porcelain was more famous for its lustre and beautiful coloring than the porcelain of Sèvres, otherwise known as The Royal Factory, and represented in leading museum collections. Our *Printemps* is taken from a pattern typical of Sevres change to classicism toward 1770. This stylized floral, with its rich green and gold border, sets a mood of total elegance.



Chinese folding lacquered screens were very popular in Europe in the 18th century. *Peonies* has its origins in one of these exquisite screens—representative of originals found in numerous museum collections. This especially lovely flower has been a popular subject in Chinese floral art for almost 1300 years. The delicate interpretation and subtle coloration combine to set a mood of quiet elegance for any lifestyle



The period from 1736 to 1796 was a time of enormous artistic activity during the reign of Emperor Ch'ien Lung. Our *Ch'ing Dynasty* was adapted from a vase of this period, now in a Boston Museum. This delicate floral, with its cool interplay of blues and greys, remains timeless in its appeal—like all fine art. And so adapts beautifully to any style of entertaining.

Rouen, France was famous for its porcelain in the 18th century. Our design, *Beau Jardin* takes its inspiration from one of the most beautiful pieces of porcelain from that period, found in a renowned New York museum. Notice the delicate interplay of trellis and floral motifs. And a subtle blending of colors that adapt effortlessly to the way we live today

When you choose a design from The Museum Collection by Gorham, you are buying more than the most beautiful Fine China in America. You are buying an assurance of good taste and quality. For these museum-inspired designs have already proven their timeless appeal

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MAY 1980

HOUSE & GARDEN

Beadle

On the cover: A California living room that's pure adobe and purely natural. "The proportions are astonishing," says owner Bob Clouse. "As in all true adobe houses, they are instinctively, primitively right. There isn't a square corner or symmetrical construction anywhere. We almost didn't want to put furniture in it." But they did, and with the help of interior designer John Alexander the room was decorated to encourage its simple, soft-edged essence. To make the room easy to live in and maintain, wood floors were replaced with glazed tiles brought back from Mexico, and furniture was covered in inexpensive, washable painter's canvas. Mrs. Clouse made the coffee table herself from an apricot tree stump and a heavy, bevel-edged sheet of glass. In keeping with their enthusiasm for the timelessness of natural things, Mr. and Mrs. Clouse collect primitive arts and crafts. The pillows are made from African mud cloth—cotton that is designed with mud, then dipped into two African lakes to make the mud stain the fabric permanently black. Beside the couch is a Philippine wedding chest of blackened teak with mother-of-pearl inlay. On the chest, an American Indian toy figure curls up in the foliage of a cymbidium orchid. All are examples of the calming combinations of black and white found in nature. There's nothing stark or harsh about them. The 130-year-old adobe is a protective host. Mud-brick walls make it cool in summer; in winter, fireplaces in every room are fed with eucalyptus branches from around the house. Smooth, natural texture of walls helps create the flow that travels through the house. The wallful of window makes the brilliantly-flowered shade garden part of the room. Says Mrs. Clouse: "We believe the closer you live to nature, the happier you'll be."

Wedgwood® Today

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This year marks the 250th anniversary of the birth of the world's most famous potter, Josiah Wedgwood. Schumacher has made this the occasion for augmenting its exclusive Wedgwood fabric collection with a new group of outstanding designs adapted from classic Wedgwood patterns. Artistic screen prints in beautiful colorations for creative interior design.

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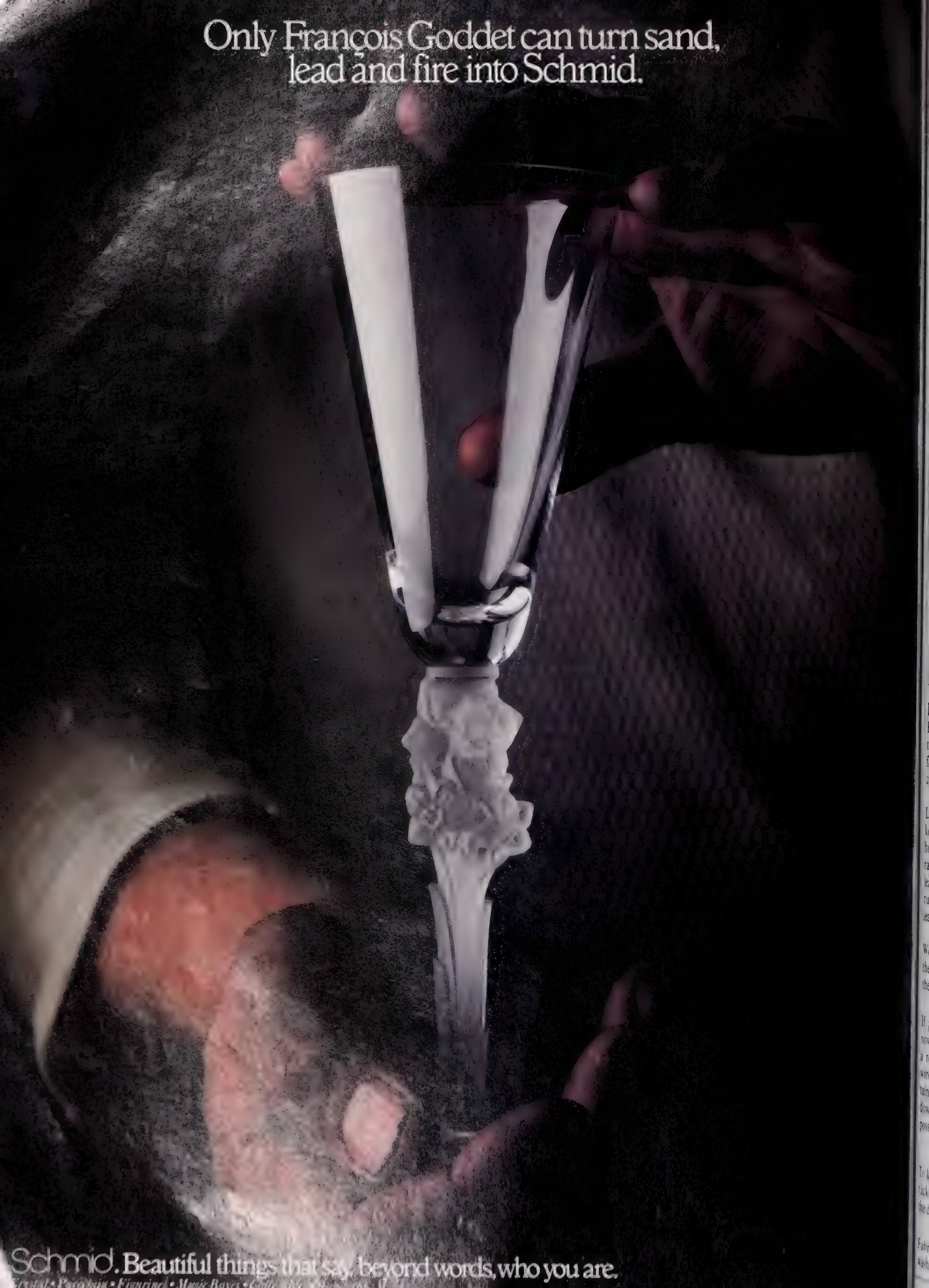
Only François Goddet can turn sand,
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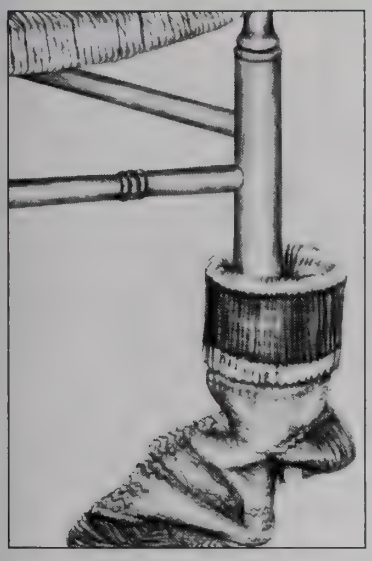
INGENIOUS WAYS TO MAKE YOUR LIFE

EASIER

EASY HOUSE CARE



Furniture fitness

Heavy socks slipped on furniture legs will protect both floors and furniture when it comes to moving.

Leather furniture should be kept away from heat or high humidity. Don't put it near radiators, and to keep the leather in shape, give it a good rubbing occasionally with leather polish or saddle soap.

Wobbly drawer handles? Coat the screw with nail polish and the handle will stick to it.

If possible, turn rugs every now and then for even wear in a room. And avoid running wires under the carpet. Curtains that hang in sunny windows should also be rotated, if possible, for even wear.

To keep your cat off the sofa, tuck a few moth balls inside the cushions.

Fabric lampshades can be washed in the bathtub with lukewarm water and mild soap, then set in the sun to dry. Be sure they dry quickly, so the frames do not rust.

Have brass doorknobs, hardware, and candlesticks lacquered, and you won't have to polish again.

Kitchen keep-up

To keep the refrigerator running efficiently, vacuum its coils at least twice a year.

Remember that a freezer operates most efficiently when full, but a refrigerator operates most efficiently when roomy—for air to circulate. Keep everything in the freezer well labeled. If you have a busy week ahead, cook extra meals on Sunday to freeze and reheat during the week.

When buying new appliances, check with Consumer Buyers Reports, friends' recommendations, and the availability of service in your area. Also look for the new yellow-and-black Energy Guide labels (see page 86) that will tell you the estimated yearly energy costs of operation.

To renew old sponges, soak them in cold salt water.

Keep the sink smelling fresh by putting ground-up lemon rinds in the garbage disposal.

Always remove the wall plug first when unplugging detachable-cord appliances.

Green thumbs-up

Cut up old sponges into squares to cover the drain holes of flowerpots.

If you're going away without leaving a plant sitter behind, be kind to your green friends: Water well, and cover with

individual plastic bags. Or, consider "The Plant Watcher," an umbrella-like plastic terrarium that will keep plants moist for up to 10 weeks. Available in three sizes; you can get the Plant Watcher at Bloomingdale's in New York City or by mail from the Plant Watcher, 230 West 38th St., New York, N.Y. 10018.

To keep cut flowers fresher longer, use a mixture of 2 tablespoons vinegar and 3 tablespoons sugar for each quart of warm water.

Painters' ploys

To catch the drips when you're painting, take an old tennis ball, cut it in half, and make a small hole in the center, so it can slide up the brush handle.

Apply a coat of polyurethane to a window sill after scraping and repainting—the sill will be a breeze to clean with a damp cloth.

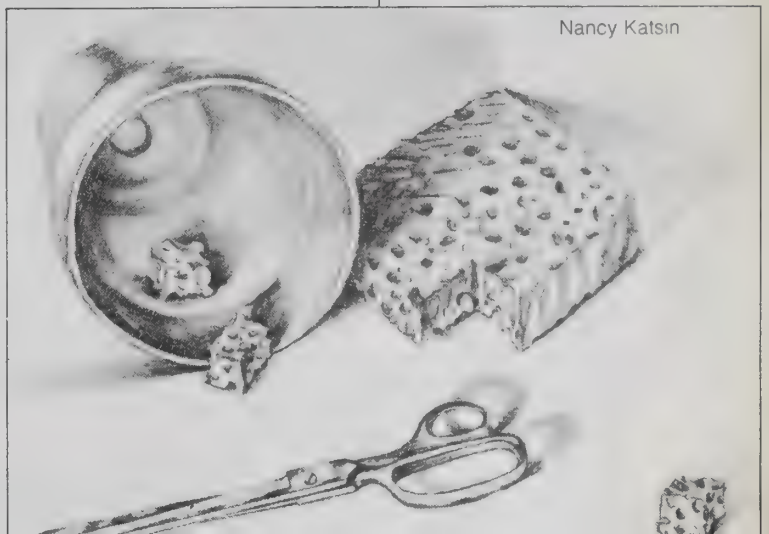
When painting a room, keep some Popsicle sticks handy. Just dip them in the paint and use later to match wallcoloring with fabrics, furnishings.

Supercleaners

Two of the most versatile products on your kitchen shelf are vinegar and baking soda. For some of the ways they can be used, please turn the page.

Continued on next page

Nancy Katsin



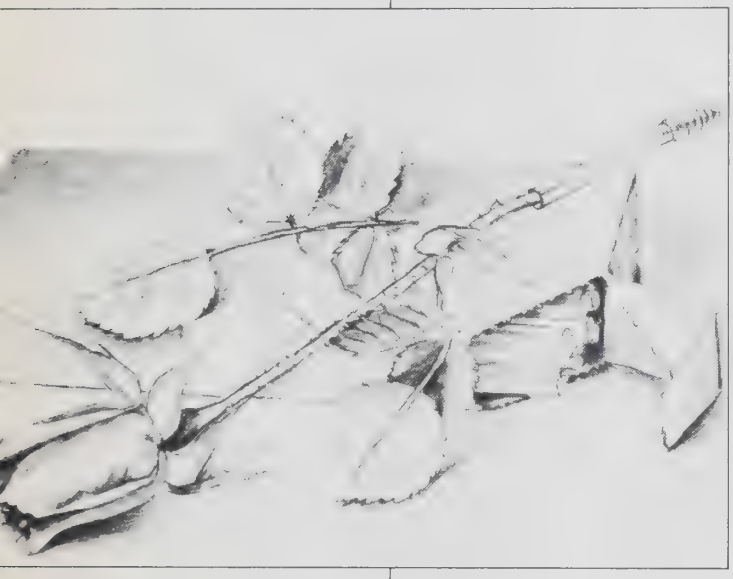
To clean out the coffee pot, brew one cycle with vinegar alone. Or, let the pot stand overnight filled with vinegar.

Windows will shine when cleaned with vinegar. So, too, will the surfaces of appliances—chrome, steel, enamel, aluminum.

Add a cup of vinegar to the rinse cycle of the washing machine to cut soapy residue. When added to the wash cycle of the dishwasher, vinegar helps cut down spots.

Don't overestimate your powers of cleaning. Plan to stop ½ hour before you'd like to be finished—you'll need the time to clean up from cleaning. For spring cleaning, complete an entire room at one time—the results will be more encouraging and easy to see.

Keep manuals, warranties, receipts, and all information on household appliances in one place. If there's a breakdown or theft, you'll have all the information at your fingertips.



Baking soda is a natural fire extinguisher for oil and grease fires in the kitchen.

Clean clogged drains with a mixture of one handful baking soda, ½ cup vinegar. Cover drain a few minutes; flush with cold water. Or, pour a cup of boiling vinegar down drain; cover; then follow with flush of cold water.

Use a paste of baking soda instead of an abrasive cleaner on pots and pans, countertops, sinks, and tubs.

Vinegar works wonders to clean Venetian blinds. And, when heated, it will remove paint spots from your windowpanes.

Getting it all together

For *major* spring cleanings, spend an afternoon with notebook in hand going through every room to compile a list of what needs to be done.

Make sure that everyone old enough knows how to operate the fuse box or circuit breaker. And remember to keep flashlight, candles, matches, and transistor radio—the "emergency supplies"—in an easy-to-get-at spot.

Keep a memo board near the cleaning closet to list all the chores that need to be done on your cleaning day.

Homemade aids

When painting, add a drop or two of vanilla to the paint to reduce sharp smells.

Cloves and cinnamon in sachets are sweet-smelling moth repellents.

A recipe to recycle old soap: Cut soap into slivers. Put into a pan with not quite enough water to cover the soap. Boil gently until the whole is reduced by the amount of water you added. Pour the mixture into a cardboard box or soap dish and let cool overnight.

To clean glass decanters and vases in shapes that defy ordinary means, fill them with enough vinegar to cover the stained area and stir in a teaspoon or two of loose tea leaves, as Nassau County Extension Association home economist Doris Erikson does. Hard-water stains will dissolved in a day or two.

If you've cut the flower stems too short in an arrangement, lengthen them with paper or plastic drinking straws.

To get rid of ink stains on fabric, soak in milk immediately.

To keep wicker furniture fresh looking, periodically rub it with lemon oil.

Tarnished copper pots and pans can be shined with lemon halves dipped in salt.

Hot tips

Be sure to have a sweep visit your chimney at least once a year. To locate a chimney sweep in your area, consult the yellow pages, or contact Chimney Sweeps of America, P.O. Box 65, Roselle, Ill. 60172; (312) 893-6066.

Salt thrown on logs reduces the amount of soot given off.

Don't throw away old newspapers if you can use extra kindling—roll them up tightly and tie into bundles to save for next winter.

Smoke detectors cost anywhere from $20-$1,000, and they're worth the investment. If you don't have one that alerts you when batteries are low, replace them every 6 months. Be sure to place alarm near bedrooms.

Nuts, bolts, and fix-its

Remember that "right is tight and left is loose" for most screws.

To help loosen a tight screw, heat the screwdriver first. Or, place the tip of a hot iron on the screw before turning.

A piece of charcoal tucked in the tool box will discourage moisture and rust.

Greased or soaped nails will go into hardwood more easily, and are less likely to split the wood or bend.

To make a cracked vase leakproof, pour melted paraffin inside over crack.

If your house was built before 1920, you might want to consult "The Old-House Journal Catalogue" for hard-to-find products and services related to remodeling or restorations. The catalogue lists companies from all over the country. $9.95; The Old-House Journal Corporation, 69A Seventh Ave., Brooklyn, N.Y. 11217.

Nancy Katsin

What nature started, we finish beautifully.

Our Tamarin Bay collection is an exquisite example of Burlington fine furniture making: solid oak accentuated with inlays of oak veneers, imported wicker and olive ash burl. Each piece is hand rubbed and hand waxed. In fact, we use up to 18 hand-finishing processes.

Like all Burlington furniture, Tamarin Bay has been constructed to last many lifetimes. You'll find Tamarin Bay, along with other Burlington Furniture collections, wherever fine furniture is sold.

For further information, write to Burlington Furniture, a division of Burlington Industries, P.O. Box 907, Dept. C3, Lexington, North Carolina 27292.

Furniture made better by Burlington.

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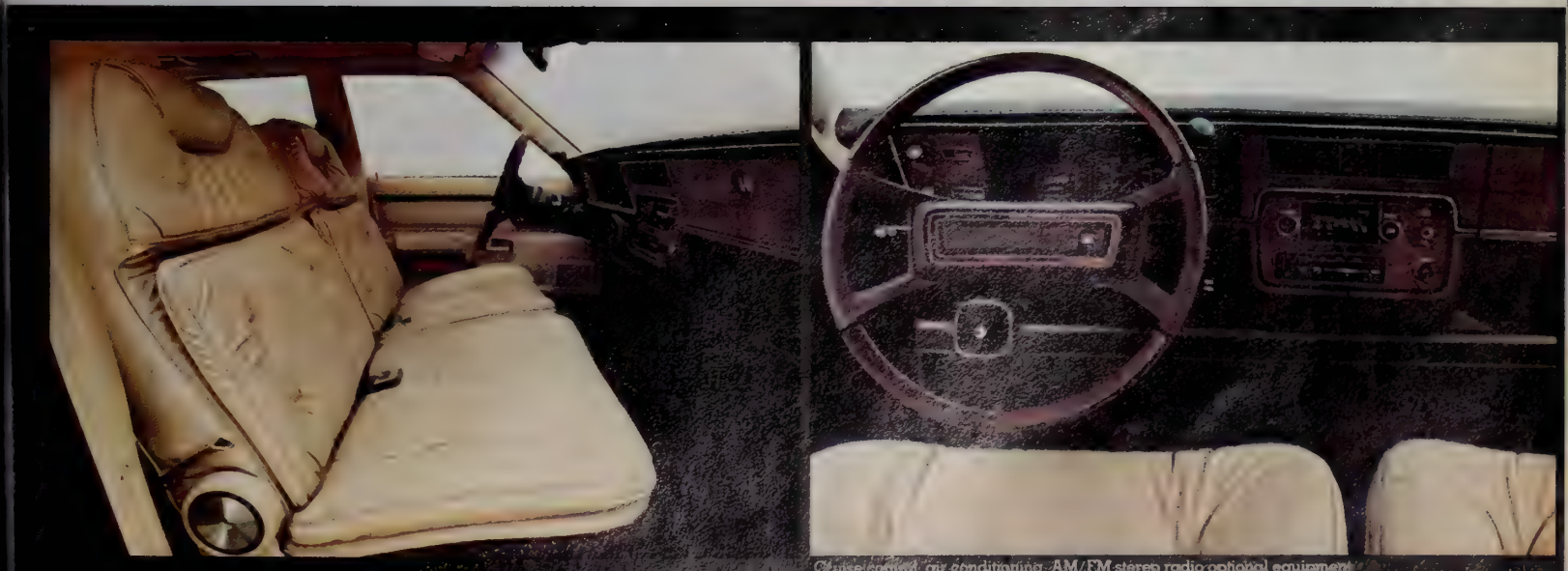

Cruise control, air conditioning, AM/FM stereo radio optional equipment.

MOTORS

LIVING

Great new table ideas plus a garden gala

Art and flower lovers in the Midwest are circling May 9 and 10 on their calendars as the dates to see the Columbus, Ohio, gardens and Sculpture Park designed by Russell Page, the renowned English landscape designer. There will be a tour of 10 Columbus gardens, sponsored by the Columbus Museum of Art, plus flower arrangements at the museum by 10 of the best flower-fixers in the area, each inspired by a particular painting or sculpture at the museum. "Art in Bloom" is the name of the event, and tickets for the Friday or Saturday garden tours (the same gardens each day) can be had by sending a check to "Art in Bloom," Columbus Museum of Art, 480 East Broad St., Columbus, Ohio 43215. The tour is $5; box lunch, $3.50. And, while you're there, don't miss the elegant skylighted Deco Court, where you can have tea most any day.

Table linens with a personal touch

To really personalize a table setting, add freshly cut flowers, good china, a special centerpiece, *plus* your own homemade table linens. Fabrications (New York/ Boston) has designed a collection of fabrics that can be made quickly and easily into tablecloths and matching napkins. All you do is cut and hem. Choose from the circular round or square patterns in the Bandana Collection or Primrose Bordier patterns. The fabric is preshrunk cotton and measures 63 inches wide for the circular patterns. About $8.50-$18 per yard. For information on stores in your area that carry the fabrics, write Fabrications, 110 Gould St., Needham, Mass. 02194.

Classic gifts—past to present

Beautiful things from local estates are the specialty of a new gift shop in Los Angeles called Foster-Ingersoll.

"What I really want to do is recycle the classic lines of handpainted china and handmade silver and crystal that are in perfect condition," says Vanya Rohner, owner of Foster-Ingersoll. Mrs. Rohner has combined two former businesses: Ingersoll, which was an antique store for fine imported bibelots, and Foster's, a fine silver, china, and crystal store.

"I specialize in things that have been made with the very best workmanship but that are not yet antiques. People should use their beautiful plates and silver and crystal. Once something's labeled an 'antique,' people think the object is too precious to use."

In addition, Foster-Ingersoll carries the latest designs in china, silver, and crystal as well as handmade stoneware and ceramics such as the handthrown, handpainted bowl by California artist Steve Lapin, shown here.

Foster Ingersoll, 805 North La Cienega Blvd., Los Angeles, Calif. 90069.

Pam Barkentin

*Suggested retail price

Wedgwood Irish Crystal from Galway Aran

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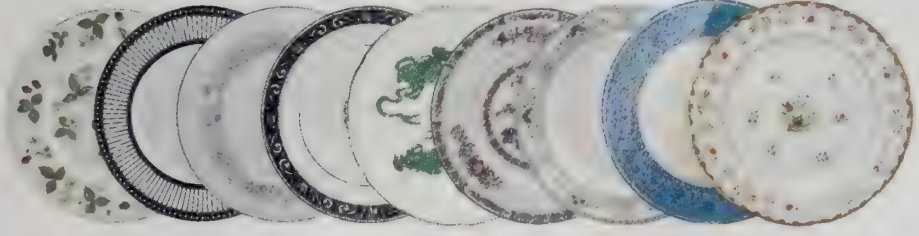
Strawberries, preserved.

Wedgwood's Wild Strawberry—one of the world's most beloved patterns—captures luscious berries forever, in beautiful Bone China. As practical as it is pretty, you can even put it in the dishwasher. 3-piece place setting is $51.25. To see all our patterns, write Wedgwood, 41 Madison Avenue, New York 10010.*



And you thought we only made the blue and white.

Wedgwood

LIVING

Plantscapes: The last word in decorating

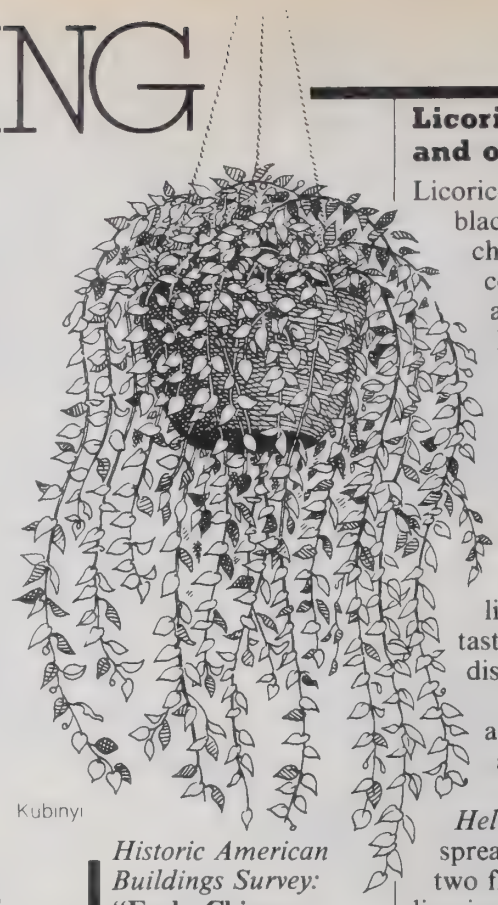
Designing interiors with plants is the newest look. It can also be a tricky process, so it's always best to seek professional help. But who do you turn to? A designer? Architect? Horticulturist? What you really need is a professional plantscaper. To help you find one, a new organization has been formed—The Interior Plantscapers Association. Created to encourage the development of interior landscaping, the IPA has regional divisions that can help you locate interior plantscapers nearby. It also has a membership program for professionals and students, and is planning a certification program. And the IPA gives out annual awards for distinctive interior plantscaping projects, in both commercial and residential buildings. For further information, write IPA, 1180 Sunrise Valley Drive, Reston, Va. 22091.

The Aby cat comeback

What animal is as beautiful as a jaguar and as affectionate as a real pussycat? The Abyssinian cat, and it's growing in popularity. Intelligent, curious, lively, yet perfectly adapted to living in a house or apartment, this animal truly gives you the pleasure of owning a miniature tiger. The little aristocrat, once a rarity, is believed to be descended from the sacred cats of the ancient Egyptian Pharoahs and the semiwild cats of what is today Ethiopia. The Aby's coloring is unique: Its dense coat is either Ruddy (brownish) or Red (coppery), with delicate brown or black markings in a subtle pattern called "ticking." Its body is lithe, the head relatively small, with large ears, and gold or green eyes. The largest cat breeder organization, Cat Fanciers Association, registered 67 more Abys in 1978 than the average of the previous five years—a significant rise. The number of breeders is growing (they have their own magazines and clubs). Abyssinian classes in cat shows are larger than ever, and New York's top shop for pedigreed cats, Felines of Distinction, reports sales of Abys are up 25 percent. "I can't keep up with the demand for them," says owner Jerry Benisatto.

If you yield to the considerable charms of this cat and want one of your own, do some research before you plunk down the price of several hundred dollars: Visit a cat show, go to the library for books and magazines about cats. Buy from the best breeder you can find. Cat Fanciers Association, P.O. Box [illegible] Red Bank, N.J. [illegible] will put you in touch with Abyssinian and breeders.

PATRICIA CURTIS



Kubinyi

EVENTS From costumes to quilts

Historic American Buildings Survey: **"Early Chicago Architecture,"** May 10-June 22. Photographs of landmark buildings, 1879-1909. Washington, D.C.

Springville Museum of Art: **"Quintessential Quilts 'The Great American Quilt Contest',"** May 31-June 29. Results of previous national contest. Springville, Utah.

Chicago Botanic Gardens: **"The Art of Scientific Illustration,"** May 17-June 15. Glencoe, Ill.

New Orleans Museum of Art: **"Treasures from Chatsworth: The Devonshire Inheritance,"** May 24-July 6. Furniture, porcelain, paintings, and other valuables. New Orleans, La.

The Octagon: **"That Red Head Gal: Fashions and Designs of Gordon Conway, 1916-1936,"** May 16-July 20. Fashion illustrations, drawings, costume designs. Washington, D.C.

Licorice for lovers, and others

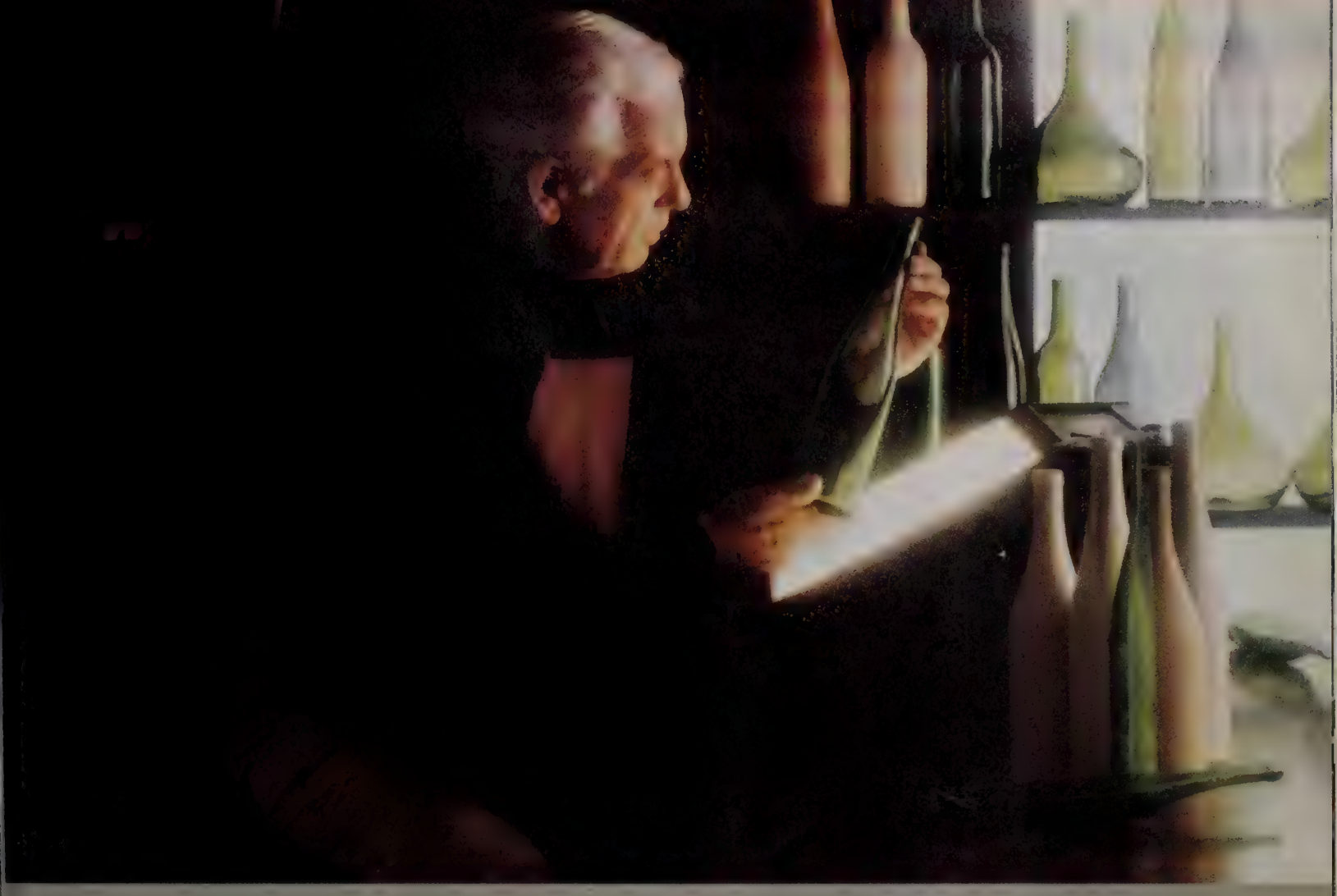
Licorice, that ever-present black confection of childhood dreams, comes from the root of a common perennial Mediterranean herb. There seems to be no source of seeds this side of the ocean. Although for some of you this spells less than tragedy, for others, diehard aficionados of licorice's unique taste, its absence is a disappointment.

Take heart. Lovers and haters can grow almost identical plants to delight both. *Helichrysum*, a broad and spreading herb, comes in two flavors. A tantalizing licorice odor emanates from the crushed leaves of *H. petiolatum*. Its cousin *H. angustifolium* offers the non-licorice lover an olfactory bouquet of curry straight from the restaurants along Conant Circle in Calcutta. Neither plant, though, should be used in cooking.

Their fragrances are diverse, but their appearance less so. Both plants have elongated silver-gray foliage which pleasantly contrasts with more traditionally-hued window-sill herbs. *H. angustifolium* is a bushy grower, while *H. petiolatum* trails its fragrant boughs from the edge of the pot.

To help keep growth lush and dense, give these plants your sunniest window, and trim frequently to keep them branching anew. If you are a fluorescent-light gardener, grow them with their tops 6 inches or less from the tubes. Their potting soil should not be overrich, and the plants will benefit if a half-teaspoonful of lime is mixed into each three-pot's worth of soil. Fertilize with a dilute-balanced solution at each watering, taking care not to let the soil dry out. And don't worry about the cold in these energy-pinched times. The plants will do well with night temperatures as low as the 40s.

RICHARD LANGER



BECAUSE fine wine is sensitive to the light's rays, the bottlemaker creates a special color in the glass to shield our delicate Chenin Blanc from the light.
Every step we take, we take with care because THE WINE REMEMBERS

THE WINERY OF
ERNEST & JULIO
GALLO

Chenin Blanc of Calif.
Ernest & Julio Gallo, Modesto, CA

Detail from "Wind Drifts" approximately ½ size

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LIVING

Seaside summer school

For creative vacationers, things will be buzzing on Nantucket this summer. In addition to the island's Seventh Annual Great Nantucket Sandcastle Contest, there's a lot of action brewing at the Nantucket Island School of Design and the Arts. The school will be holding its summer session June 30-August 15th and will include: courses in printmaking, painting, surface design, textile dyeing, quilting, fibre arts, and calligraphy; and, lectures and workshops in performance, dance, photography, video, as well as visits by R. Buckminster Fuller, Roman Vishniac, and more.

The school offers a unique approach. It develops courses that emphasize the natural surroundings of the island. "We use the landscape as a classroom as much as we possibly can," says NISDA director Kathy Kelm. "That means that the sky, sea, and land become part of the media we work with." For example, one student last year designed a wind sculpture that also floats on water.

Students come to NISDA from all over the country, and range in age from 18 to 65. Housing is available dormitory-style aboard the Lightship Nantucket, and the school's headquarters are housed in a renovated barn. After each course, students receive written evaluations, with graduate or undergraduate credits available through the Massachusetts College of Art.

For information on classes and registration for summer 1980, (and for more about the Great Nantucket Sandcastle Contest), write NISDA, Box 1848, Nantucket Island, Mass. 02554; (617) 228-9248.

Prints: From the masters to the minors

If you're a new art collector, you're probably starting out by buying prints—the least-expensive way to buy original art. Some of the considerations to be aware of when buying prints are: Where was the print published? By whom? In an edition of how many? Will the gallery give you a letter of authenticity? Some print galleries are also the publishers of the work. And one top print publisher worth your attention this spring is Transworld Art. The company's 10th anniversary involves a retrospective of some 200 editions of artists that Transworld has published—including names like Miro, Dali, Barnet, Agam, Folon, and Calder. The retrospective in New York City opens April 10 and runs through May 24th. A catalogue, available for $10, contains full-color illustrations and a complete listing of prints you can order by mail. Each print you buy is accompanied by a certificate of authenticity—your guarantee that the print is the true product of the artist. For more information, write Transworld Art, 20 West 57th St., New York, N.Y. 10019.

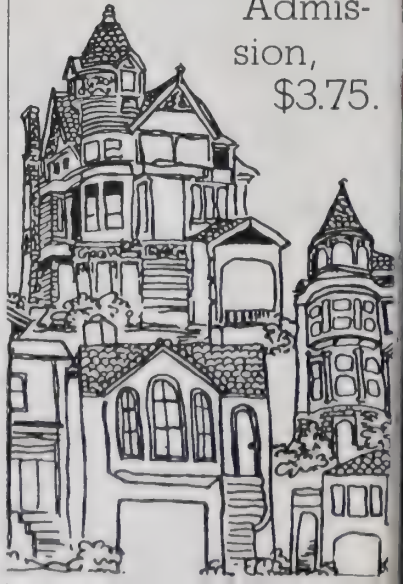
A cool lunchbox

Unless you have a refrigerator at work or at school, your brown-paper-bag lunches are probably

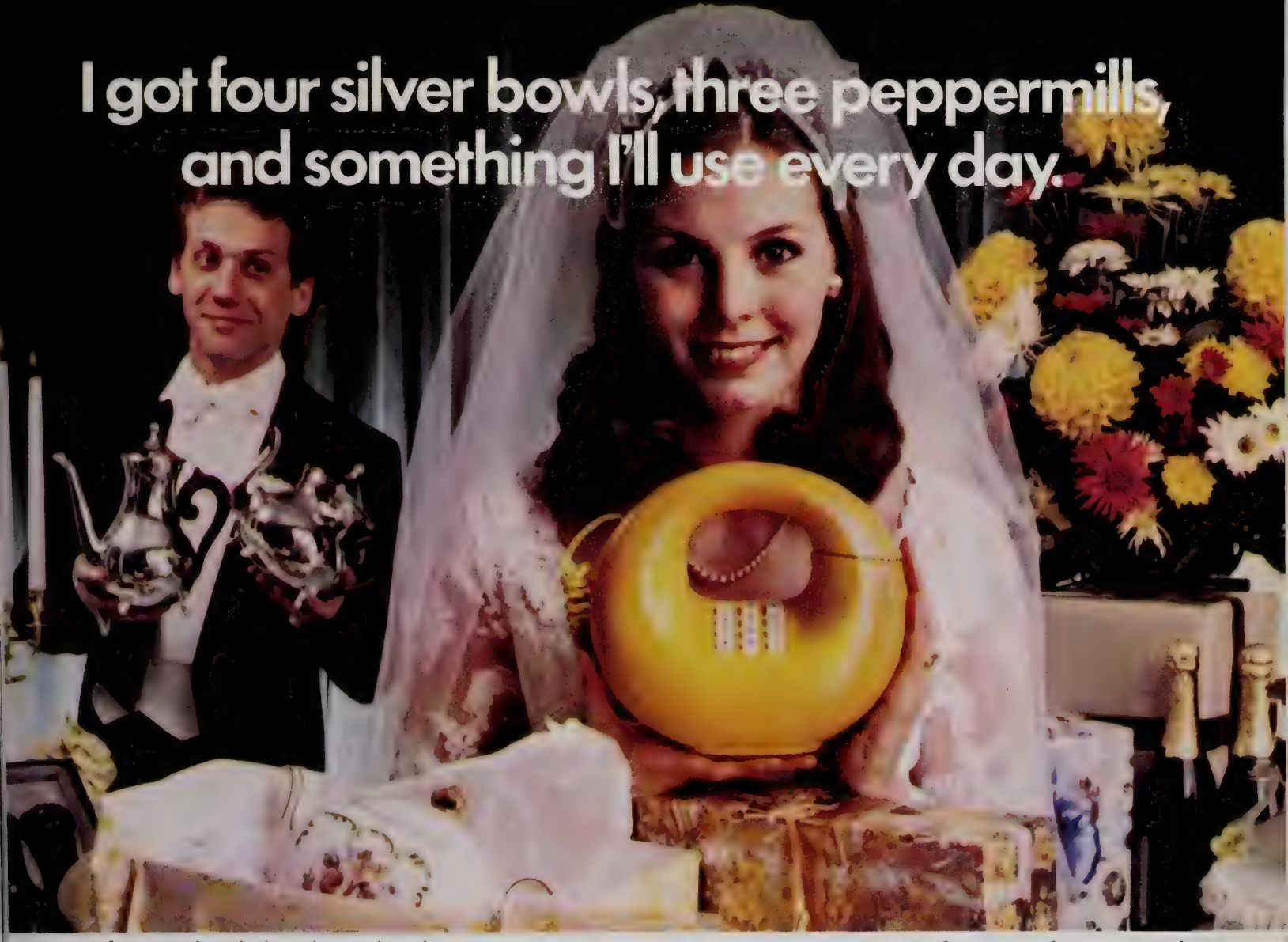
short on variety. Well, move over brown paper bags, because there's a new lunchbox—really a mini-refrigerator. The "Lunch Pal" is a 10-by-4-by-7½-inch box with room for a refrigerant gel that keeps things cool for 24 hours. Approx. $6-7 at grocery stores. By Divajex.

From the beginning

These days, everyone is interested in his roots. And in Baltimore, the whole city is going back to its roots. Mayor William Schaefer has proclaimed the week of May 11 "Baltimore Restoration and Heritage Week." It's a tribute to the Home Restoration and Heritage Show, May 15-18, making its first East Coast appearance at the Baltimore Convention Center. There are exhibits for both professional and private restorers, featuring national manufacturers and individual local craftsmen. Seminars and walking tours are also planned. Admission, $3.75.



I got four silver bowls, three peppermills, and something I'll use every day.



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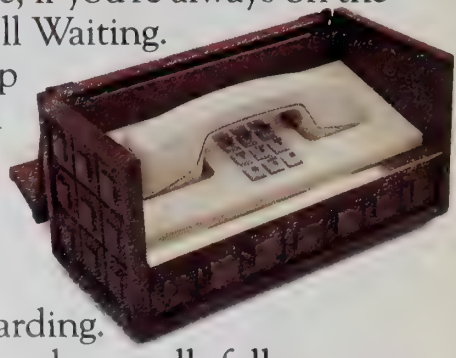

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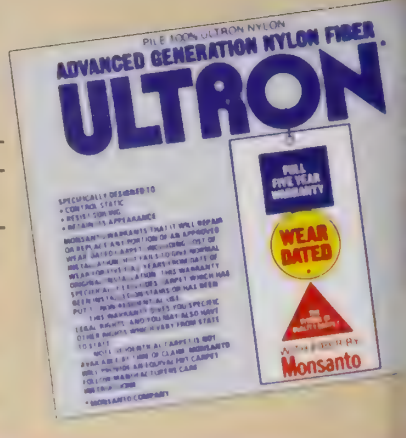

Monsanto warrants that [illegible] WEAR-DATED® carpet (including cost of installation) if it fails to give normal wear for five full years from date of original installation. This warranty does not apply [illegible] been installed on stairs or has been put to non-residential use. To file a warranty claim, forward your sales slip indicating retailer name and [illegible] style identification) to Monsanto, 320 Interstate North Parkway, Atlanta, Ga 30339. Phone (404) 955-4000. This warranty gives you specific legal rights which vary from state to state. Note: If identical carpet is not available at the time of claim, Monsanto will provide a similar equivalent carpet. For [illegible]

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DEAR HOUSE & GARDEN

BY MARGARET MORSE

Answers to your questions. Here we share some of the letters from our readers

Closet floors clarifed

Q. I'd like to paint the wood floor in a small closet. It has never been painted before. How should I proceed?
—S.F., Westfield, N.J.

A. Empty and vacuum the closet. Open the nearest windows wide, then scrub closet floor with a cheesecloth rag moistened with turpentine or paint thinner—to remove any wax or polish that may be on the floor. (Never use turpentine or thinner around flames, and immediately afterwards saturate cheesecloth rag with cold water *and* discard in outdoor bin.) Then paint with two coats of high-gloss enamel: Thin the paint you're going to use for the first coat by 10 to 15 percent with turpentine or paint thinner, so it can sink into and seal the wood better and form a better bond. Let first coat dry thoroughly (about 4 to 8 hours), then use unthinned enamel for second coat. Since a closet may get little ventilation even when windows and doors are open, you may wish to speed up the drying of the enamel by standing an electric fan just outside the closet—but vacuum the room beforehand if you do.

Cork concern

Q. I've just pried cork tiles from my walls, but particles have been left behind. How can I remove them?
—B.A.L., Ronkonkoma, N.Y.

A. Look for a washable sanding sponge at your hardware dealer (Quick Sand is one brand and has a coarse and a fine side). Or substitute sandpaper wrapped around a block of scrap wood, or coarse metal soap pads. Dip any of these in hot, detergenty water and scrub down the wall, gradually increasing the pressure until the particles are removed. Wipe wall down with rinse water, then dry.

Underground information

Q. Because of the energy problem, we'd like to build our next house into the side of a hill. We can't find any information, other than an occasional photograph. Can you help?
—S.M., Tucson, Ariz.

A. We've shown three "underground" houses. You can look for these issues at your public library, if you don't have them.
April 1980, pages 158-161—A passive solar house designed by architect Don Metz.
October 1979, pages 176-179—A passive solar house designed by architect David Wright.
April 1976, pages 122-125—A "dune house" designed by architect William Morgan.
The above houses were privately commissioned, so copies of the plans are not available.

One of the first architects to advocate earth-sheltered buildings—Malcolm Wells—has written and published a book called *Underground Designs.* You can order a copy by sending a check or money order for $6 (or $7 if you prefer first-class delivery) to Mr. Wells at P.O. Box 1149, Brewster, Mass. 02631.

For a list of some technical publications you can buy by mail, write the Underground Space Center, 11 Mines and Metallurgy, 221 Church St. S.E., University of Minnesota, Minneapolis, Minn. 55455, and ask for a copy of its "Underline" brochure.

For $30 a year you, as an individual, can join the American Underground-Space Association (c/o Dept. of Civil and Mineral Engineering, University of Minnesota, Minneapolis, Minn. 55455) and receive the AUA's bimonthly journal *Underground Space,* devoted to "the broad technical, legal, and social aspects of expanding the use of this important resource."

If you decide an "underground" house is for you, be sure to hire an architect or design engineer. According to a spokesman for the AUA, "The extra weight of earth cover and the need for good waterproofing calls for the expertise of a specialized professional." He adds, "The ancient art of earth-sheltered building has been rediscovered relatively recently, and each new structure breaks new ground not only literally but figuratively." ■

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—Andy Williams

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As an interior design magazine, it is especially gratifying to us to be able to reveal the unique, and very private, ambience of a home belonging to someone like Andy Williams.

Or Julia Child—who told us she was thrilled with "the splendid feature about our Cambridge home. We are absolutely delighted to have the copy, which we shall treasure the rest of our lives."

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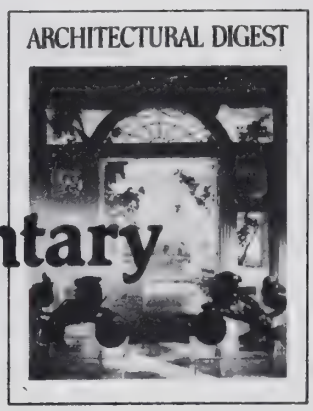

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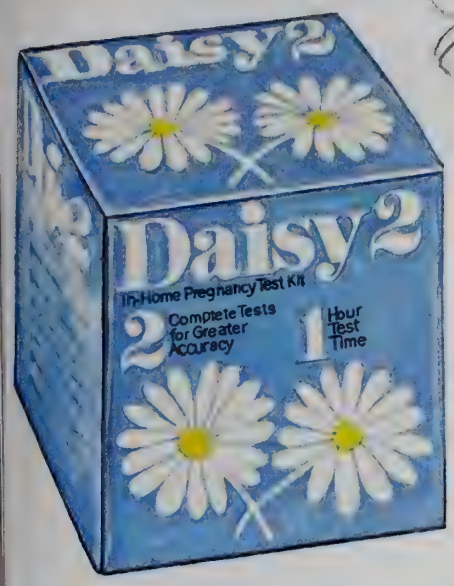

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3 reasons why it is important to double-check home pregnancy test results

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Irregular periods make it difficult to calculate dates precisely. You may think your period is a week late. But, according to Nature's schedule, it may be only 2 or 3 days. A miscalculated date can cause you to make your test too early. And a too-early test may give you a false result. That's why it is especially important to make a second double-check test several days after the first test if your periods tend to be irregular. The reassurance you get from double-checked reliability can save you days of uncertainty.

2 If you get a not-pregnant result.
All home pregnancy kits recommend a second test when you get a not-pregnant result and your period has not begun within the week. This is because your body may not have accumulated enough hormone for an accurate reading if the test is made in the very early stages of pregnancy.

3 If you want the peace-of-mind that comes from knowing your results have been double-checked. Hospitals frequently repeat important tests in order to double-check the accuracy of their results. So it is only natural for you to want to double-check to reassure yourself on the accuracy of your test results, whether you get a pregnant or a not-pregnant result.

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ANTIQUES
QUESTIONS & ANSWERS

BY LOUISE ADE BOGER

American rocker

Q. I bought this rocker at a flea market and know nothing about it. Can you help me? L. B.—Ligonier, Pa.

A. Platform rocking chairs, such as yours, were extremely popular in our country in the late 1800s. Your wicker example of that era and provenance is rare, as they were generally made of wood and comfortably upholstered.

English oil lamp

Q. Is it possible for you to tell me where and when my oil lamp was made, and something about the process used in its manufacture? It is marked "Doulton & Slater's Patent." J. M. H.—Fargo, N. Dak.

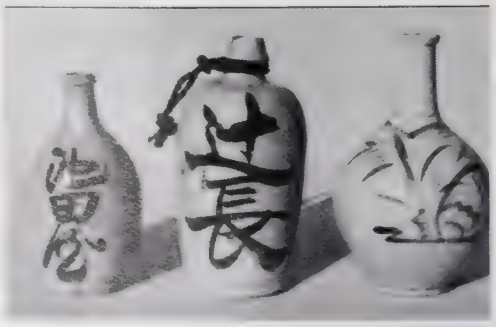
A. Your lamp was made at the Doulton, Burslem factory between 1891 and 1901. The Doulton Slater Patent [illegible] particular method of decoration developed by John Slater, the Doulton art director of the period. Materials such as lace and other fabrics were impressed into the surface of the clay before the ware was fired, leaving an embossed decorative pattern over the surface. The numbers on the base relate to the pattern and shape of this particular piece. Although made in considerable numbers at the time, lamps of this type are now rare and sought after by collectors.

Old upright

Q. My piano has "William T. Stoddard, Patent Piano Forte Maker, London" on it. Also, "C.A. Cooke 1400." What can you tell me about it?
F. E. M.—Odessa, Tex.

A. William Stoddard manufactured pianos in London for many years at about the turn of the century. Your piano appears to have been made between 1875–1880. Cooke was the supplier and is still in business in the city of Norwich.

Sake set



Q. Can you tell me how old these sake bottles are and something about the use of the drink? B. B.—Radnor, Pa.

A. Your sake bottles are of 19th-century Japanese manufacture. The one with the bamboo design was probably made at Arita, the other two at Seto. From early times, sake or rice wine was made in Japan by pressure and fermentation. It is important to Shintoism and is regularly offered to a Shinto shrine [illegible]

Continued on page 38

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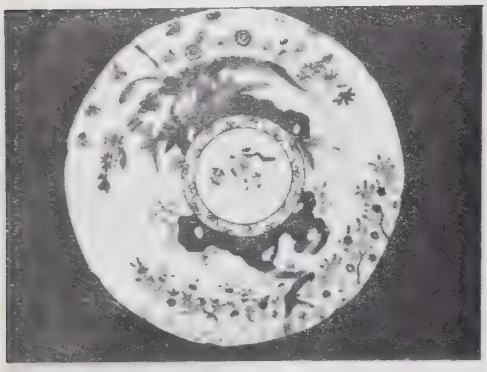
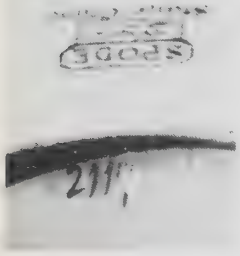
ANTIQUES

continued from page 36

Spode pattern





Q. I am trying to trace my Spode pattern from the number 2117. What can you tell me about it?

R. A. R.
—Great Falls, Mont.

A. Your pattern number 2117 is recorded in Spode pattern books. It dates from about 1814, but unfortunately Spode does not have any evidence to show what its name is. The pattern is also illustrated (No. 292) in Leonard Whiter's book *Spode*, which is the collector's bible. Spode produced a good selection of durable stone china and the patterns were almost always of an Oriental type, generally outlined by means of transfer printing, then colored by hand.

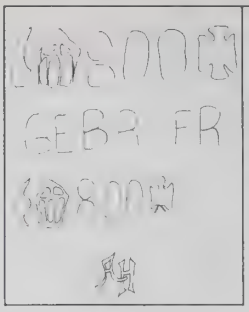
Bird lithographs

Q. I have a lithograph that is signed by John Gould and would like to know something about him.

C. A. P.
—Abilene, Tex.

A. In 1832, John Gould (1804–1881), English ornithologist, published his *Century of Birds of the Himalaya Mountains*, which marked the beginning of his series of ornithological works—*The Birds of Europe* (5 volumes, 1832–1837); *The Birds of Australia* (7 volumes, 1840–1848); *The Birds of Asia* (7 volumes, 1850–1883); *The Birds of Great Britain* (5 volumes, 1863–1873); and others. Altogether they make up more than 40 folio volumes and contain more than 3,000 colored plates. Your drawing of two birds may or may not be in one of these volumes, as all his drawings were not included in them.

German Reich mark



Q. From the mark, can you tell me where my silver was made and what the mark means?

J. A. M.—Fort Huachuca, Ariz.

A. Your silver bears the German Reich mark—crescent and crown—first used on German silver with an 800 purity standard (800 parts pure silver per 1000 parts) in 1888. Our English sterling standard is 925 parts pure silver per 1000 parts.

Rococo tray

Q. I would like to know something about the style of this tray, which has been in my family for many years.

K. M.—Philadelphia, Pa.

A. The border of your tray has a characteristically rococo outline. This kind of elaborately worked border, with its bold rhythm of curves and reverse curves, was widely popular with American silversmiths working about 1750–1775 in three major cities—Philadelphia, Boston, and New York.

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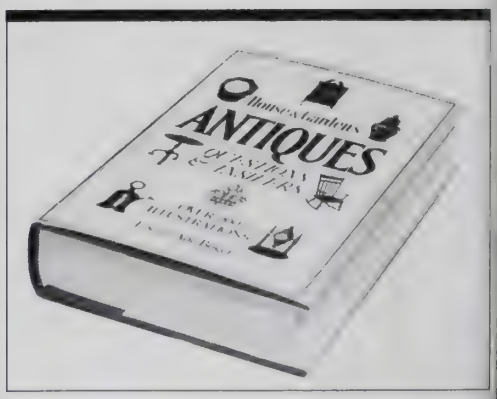

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Better Half: Combine pineapple chunks in the half shell with tuna, celery and cucumber slices, raisins and toasted slivered almonds. Add a rainbow of sweet and spicy CATALINA French.

Fiesta Platter: Arrange a platterful of chicken slices, pineapple and tomato wedges, banana chunks, olives and corn chips. Serve with CATALINA French.

Munch on and on with bananas and pineapples . . . ripe for your summer salad bar.

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BY PAULA RICE JACKSON

How a perfume is born

Clues to the mystery of your favorite scent—how it is created, how to wear it, how to know if it is really *you*

Fashion editors call it "the invisible accessory"—unique as your fingerprint, yet miraculously consistent. Industry professionals call it an intangible reality. You and I call it perfume.

Everyone has her favorite, and like enjoying fine wines, everyone enjoys savoring and comparing the varieties as they are introduced. But how much do you know about the manufacture of a fine fragrance? There can be a lot more to enjoying a perfume than two quick spritzes at the beginning of your day.

To begin with, there's a language of perfumery that resembles the language of music and fine winemaking. Fragrances are made of many separate scents which must "accord" or "harmonize." A fragrance must also divide into three separate scents, each built around a distinctive "note." A perfumer's workbench is called an "organ." It holds some 500 amber-colored bottles of precious oils on shelves that are tiered like the banks of organ keys. Every bottle is within arm's reach, arranged alphabetically. Men and women who have been rigorously trained to distinguish between minute variations of smell are called "noses." They determine when a fragrance is perfectly "balanced" and "round." The creation of a fine perfume is the result of teamwork. Here's a streamlined sketch of an enormously complex process that will help you understand why perfume is so frightfully expensive, why it's worth it, and how to go about selecting the two or three that are uniquely yours.

Bill Blass likes a scent that lingers.

Bill Blass by Bill Blass is an intensely floral perfume. Fashion designer Blass had a vision for many years of what a woman's fragrance should be.

"I love a perfume that's both alluring and subtle. I think that a fragrance should be evident, too, that it should quietly announce a woman's presence before she enters a room and that it should linger when she leaves it. Though a perfume would have to be strongly diffusive to do this, I didn't want a fragrance that would be overpowering. I love white roses in great big vases in my house, so the scent should have a rose note to it—pure rose isn't as appealing as it sounds. So we developed a floral bouquet that is a blend of my favorite white roses with *muguet de bois*—lily of the valley. Those are the notes you first scent in the perfume. I was satisfied that my fragrance was technically perfect and that it also realized my dream of what a woman should be surrounded by—an aura of romance and intensity."

Old-fashioned white roses on the mantel in Mr. Blass's house.

Bill Blass by Bill Blass began with words; his specific dream. How specifically *can* you describe a scent? Here are some of the words the industry uses to steer the creation of a fragrance: *animal* for sensuousness, *citrus* for freshness, *cloying* for a sense of satisfaction that goes beyond desire, *full-bodied* for a well-rounded scent, *green* for notes that recall grass, leaves, *heavy* for a forceful impact, *mossy* for a scent reminiscent of forest depths, *sophisticated* for an abstract scent, *thin* for a lack of body, *woody* for an impression of wood scents like pine or cedar. There are many more. Mr. Blass's words are given to a master perfumer who listens and then creates from 5 to 15 scents that match the description but satisfy his own creative impulses and expertise. It may take years to please them both. Mr. Blass's took three and a half. It contains some 200 different ingredients.

Perfume is made by blending essential oils in minute parts, fixing them in a base, and then diluting the blend with alcohol and water. The base secures the consistent timed-release of the fragrance. The alcohol or water helps its powers of diffusion. Perfumery is an ancient art which has been modernized without being compromised. For example, you may know that perfumes today contain more and more *synthetics*. Synthetic does not carry the connotation of artificiality that it does in other industries. Rose and jasmine, and the oils extracted from these two flowers, support the fragrance industry. But if a crop of either one failed you'd still have your favorite fragrance, because the oils can be perfectly reproduced in the laboratories. This is also true of the fixatives. Long taken from nature at the peril of the whale and cat, fixatives, too, are government-controlled through laboratory manufacture. The oils that make perfume blends come from such raw materials as flowers, barks, leaves, fruit, roots, grasses, woods, gums, balsams, berries, seeds, twigs, and buds. The methods for oil extraction vary from country to country, but the most modern method is through distillation by vacuum pressure, which turns oil to vapor to oil again while separating components of essential oil esters. For example, an extraction of rose can be broken into 100,000 parts. (Scientists say that a single drop of water can be vaporized into 2 million separate parts.) The master perfumer knows how many parts to blend with how many of some other substance—this should tell you the complexity of the blending! And there are almost countless varieties of flowers, seeds, fruits, and other materials he or she has to choose from. But it is important to know that perfumes are not created by endless trial-and-error composi-

Continued on page 42

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VISIBLE DIFFERENCE
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After 14 to 21 days of this kind of moisture maintenance,
you'll actually *see* a marked improvement
in your facial skin.
Hundreds of women in clinical tests proved this
to be scientifically true. And
VISIBLE DIFFERENCE
texturizes to make your skin softer and smoother
as well as younger-looking.
Try it.
Only Elizabeth Arden can call a face cream
VISIBLE DIFFERENCE.®

Elizabeth Arden

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continued from page 40

tions. A perfume is first a mental image in the mind of the perfumer. The scent occurs to the artist as an image just as a new dish will occur to a great chef.

Perfumes are divided into fragrance families which help identify and categorize the elusive aura of the scent. Most professionals agree on these divisions of scent: Single-note florals, Floral Bouquets, Chypre (oakmoss base), Green, Woodsy-Mossy, Fruity, Spicy, Modern (aldehydic), Oriental Blend, and Leather and Tobacco. Scents are also divided into masculine and feminine notes, but everyone agrees that people wear what they like, not necessarily what is thought to be appropriate to men or to women. Scents also have "vogues." Think of the lemon craze in the '60s, the herbal craze in the '70s. The '80s? Who knows? At the moment rich Oriental Blends are popular, but the decade is still young.

A perfume blend is consistent in all three of its fragrance forms. *Perfume* is the strongest, richest, longest-lasting preparation of a scent because it has the highest ratio of oil to alcohol. *Toilet water*, the next strongest form, has more alcohol. *Cologne*, the lightest form, has the most alcohol and often at a lower proof.

Where does the individuality come in? On your skin, of course. Your skin's chemistry acts with the oil in the fragrance, and it subtly changes what you've taken out of the bottle. You may love a scent, but it may not love you. Judging a fragrance for the first time is as highly a subjective choice as wearing it. It doesn't smell the same way in the bottle to everyone. Highly complex machinery is used to ensure, though, that the fragrance is exact in every aspect before it is bottled. It is also tested so that it won't be ruined easily. You should do your share to protect your investment. According to the Fragrance Foundation, a nonprofit professional association within the industry, here are a few rules to observe:

Use your fragrance, don't hoard it—Perfume not worn is perfume wasted

Store perfumes away from extremes of heat and cold. Though perfume is precious, it's made to be tough. Freezing or heat caused by sunlight piercing its glass bottle, however, may destroy the chemical balance.

Apply a fragrance to your skin when you're considering a new scent. Wait 10 minutes before you make your decision. The fragrance will have had enough time to develop, and it will have had a chance to act with your own chemistry. Limit yourself to three such tests. Olfactory-fatigue is real. Your nose turns off!

Wear a lighter fragrance in hot, humid weather. Heat intensifies fragrance. Save your exotics for cooler weather.

Use your fragrance, don't hoard it. If you don't use it often, you may find to your disappointment that it has evaporated. Perfume bottle stoppers are made today with a thin film of plastic wrapped around the stopper which inhibits evaporation, but it can't totally prevent it.

Don't put fragrance on fur. It may stain.

Be objective about a fragrance you admire on someone else; it may not suit your chemistry. Pay attention to the comments of others about your fragrance. Don't continue to wear a fragrance that bothers someone else. The natural oils can be a source of nasal irritation. Besides, it's more considerate.

Your selection of a fragrance is very special. The days of the "signature fragrance" are past, a time when a woman wore one scent and one only through her life. "Today we enjoy a "wardrobe" of fragrances to suit our moods as well as our occasions," says Mr. Blass. Try a wide variety through samples wherever possible. And if you are given a gift of a fragrance you've never tried, don't open it until you can get to a fragrance counter for a test. Perfume not worn is perfume wasted.

The 1980s will see a tremendous growth in the variety of fragrances made for men, and fragrances for the home will also come into their own as perfume blends are perfected and combined with natural flowers, buds, twigs, and other potpourri ingredients. ■

Beauty and health products new this month in the stores

May brings brilliant sunshine to many parts of the country. You may not have realized how potent that spring sun can be, especially to skin that's been wrapped and protected through the dry winter months. Now a new protector helps your face adjust. **For Faces Only** is the first moisturizer made with a sufficient amount of sunscreen to really guard your face, and it comes in four strengths of sunscreening. You can wear it under your makeup or apply it to your freshly cleansed face just as you would any other moisturizing formula, and it gives your face the needed shield from normal exposure when you're out of doors. And it's an especially useful lotion to smooth on before any outdoor sports. The lotion is greaseless, too, so it won't feel heavy or leave an oily sheen on your skin. Applied under a thin film of powder or foundation, it would be hard to notice at all. For Faces Only comes in 4-ounce tubes in FDA-approved SPF numbers of

Continued on page 45

enter **Chloé**

"A woman does not put on my fragrance. She enters it."

Karl Lagerfeld

Parfums Lagerfeld · Paris

continued from page 42

2 ($2.50), 4, ($2.50), 6 ($3), and 15 ($3.50). By *Coppertone Sun Care Products,* at drugstores and other places where sun-tan products are sold.

Makeup experts agree on few things, but they do agree that your eyes are your most important beauty asset. If you're thinking about giving yourself a lovely new makeup ensemble for spring, your eyes will be the focus for color changes. So how do you decide on what changes? **Aziza Demonstrates All about Eyes** is a 20-page booklet you can order from the *Aziza* eye-makeup experts. What's in it? Answers. To questions like—which product works best for your skin? A powder eyeshadow or a stick? A liquid eyeliner or an emollient pencil? How do you choose eye-shadow colors? Should they match your eye color or your clothes? Which colors are right for black skin? This handy little reference costs a quarter. Order it from Aziza Demonstrates All about Eyes, P.O. Box 4002, Jefferson City, Mo. 65102.

A haircut is another treat many women present themselves to greet the spring. The newest cut will always look fresher and more exciting when the quality of your hair is at its best. So splurge on your styling and save on your hair revitalizing by giving yourself a home treatment called **Penetreat,** a 5-minute self-heating reconditioner. It restores the gleam to hair that's dry from winter winds and a scalp parched from indoor heating systems. You simply shampoo and rinse your hair, apply the reconditioner, slip a plastic cap over your hair, and wait 5 minutes. Add a hand-held drier's warm air to intensify the heat for even greater smoothing results. Couldn't be easier. Then just rinse your hair clean. Penetreat, by *Ogilvie,* costs $4.50 per application. You'll find it at drugstores and wherever hair-care products are sold.

An enriched emollient formula seems to help skin as it matures; it appears to minimize lines and temporarily erase dryness. So **Eterna 27 New Enriched Makeup** comes as another part of the *Eterna 27* program developed many years ago to help nourish and soothe sensitive, maturing skin. The new, amazingly lightweight formula comes in 6 shades: Delicate Ivory, Gentle Beige, Tender Rose, Soft Amber, Rich Beige, and Warm Bronze for skin that's tanned year-round. $8.50 for 1¼ ounces. You also get a makeup sponge in every package, one of the most useful beauty tools you'll ever own. Eterna 27 makeups, moisturizers, and new cleansing bars will be available in fine department stores across the country mid-May.

PAULA RICE JACKSON

The only tampon that protects you with double-absorbing action

© 1980 The Procter & Gamble Company

The Rely® tampon is made to give you incredible absorbency. Inside Rely's silky covering are tiny sponges and super-absorbent fibers that work together to protect you with double-absorbing action. With Rely, you can really feel secure.

Rely fits best to protect you against by-pass accidents best.

As soon as it's in place, Rely billows out to fit virtually wall to wall. And because it fits better than any other tampon, Rely protects you best against by-pass accidents. (That's when there's a gap between your tampon and you.) You can practically forget about by-pass accidents and staining with Rely. And it's so comfortable, you'll hardly know you're wearing it. Rely may be the best thing that ever happened to your period.

Rely. It even absorbs the worry.

Your fragrance handbook
The sign: Taurus
Circa: April 20-May 20

The most intensely fragrant flowers—jasmine, orange blossom, gardenia, and, above all, tuberose—have the thick, waxy petals which contain large amounts of aromatic essential oils. The beautiful and sublimely-scented tuberose, a member of the amaryllis family, was grown in enormous quantities by the romantic Victorians and Edwardians. No bridal bouquet was complete without the pearly-white flowers; hardly a poet could resist mentioning the sensuously exotic perfume. The fashion waned, however, and the tuberose is now cultivated mostly in France for the perfume industry. Not difficult to grow, the bulb-like tubers planted outside when the ground warms in May bloom in late September or early fall. RH Shumway Seedsman lists tuberose bulbs in its catalogue. Write for it: 628 Cedar St., Rockford, Ill. 61101. Taureans understand the value of persistent effort to attain a goal. They might reward themselves with the absolutely prime **1000** by Jean Patou. The steadfast Taurus males should meet **The Baron** from Evyan.

MARIA REACHI

The most effective moisturizer in the world.

Water.

If you know how to use it.

Your dry skin is thirsty. Literally. Thirsty for water. So all you need to do is soak in a tub for an hour, right? Wrong. Because although your skin soaks up needed moisture in the tub or shower, it's lost too easily from evaporation once you get out.

But we can make water work for you. Neutrogena® Body Oil was specifically formulated to maximize the moisturizing effects of your bath or shower. It's a pure, light sesame-oil-formula which is applied *after* you bathe, while your skin is still wet, to hold in the moisture.

Does it feel greasy? No, because sesame oil is so light that it seems to disappear on your skin, although it really forms an invisible moisture-holding film. But it won't stain your clothes, either.

Put the world's most effective moisturizer to work for your dry skin. Keep it there with our help.

Neutrogena® Body Oil

Use it every day.

©Neutrogena Corp., 1978.

BY RICHARD AND JEAN TAYLOR

The new look in car interiors

Today's car designers follow the latest trends in color and fabric to make small cars look spacious and inviting

There's a new emphasis on color, pattern, and fabric in automobile interiors, and car designers must keep up with the latest fashion trends. In fact, they have to stay slightly ahead. Cars are designed 2 to 3 years before they actually go on sale. If everyone will be wearing gray tweed in 1983, automobile designers need to know.

Because new cars are smaller and more alike each year, as the engineers search for better fuel economy, designers must find new ways to make small, boxy cars seem spacious and luxurious, without adding unnecessary weight. As George Moon, General Motors's executive designer in charge of interiors, points out, even though cars are getting smaller, people have remained the same size. In addition to making cars seem roomier, designers must make the interior seem more luxurious, with richer (but lighter) fabrics, and more pleasing in design. Small cars now cost as much as large cars, so "perceived value" in luxurious interiors is very important.

According to Roy Axe, the British-born creator of Chrysler's Omni/Horizon subcompact, designers are making windows larger to brighten the interior, moving the dashboard away from the passengers, using slim bucket seats, grouping all instruments in a small pod in front of the driver, and fitting a smaller steering wheel. These visual tricks make the interior feel more spacious, even though the size remains the same.

Fabrics and colors must be chosen for the same reason. Neutral colors make the interior seem larger, just as white walls enlarge a room. Heavy velvets and velours look bulky, bright colors and busy patterns become strident [illegible] matic contrast of color and tex[illegible] aggressive in a small space. Desi[illegible] are using lighter fabrics made with finer yarn—velours, velveteen, and [illegible] polyester knits. Knits are [illegible] ular because they can be [illegible] on the bias, the dyes are le[illegible] and patterns can be easily [illegible] The flat knit finish also ap[illegible]

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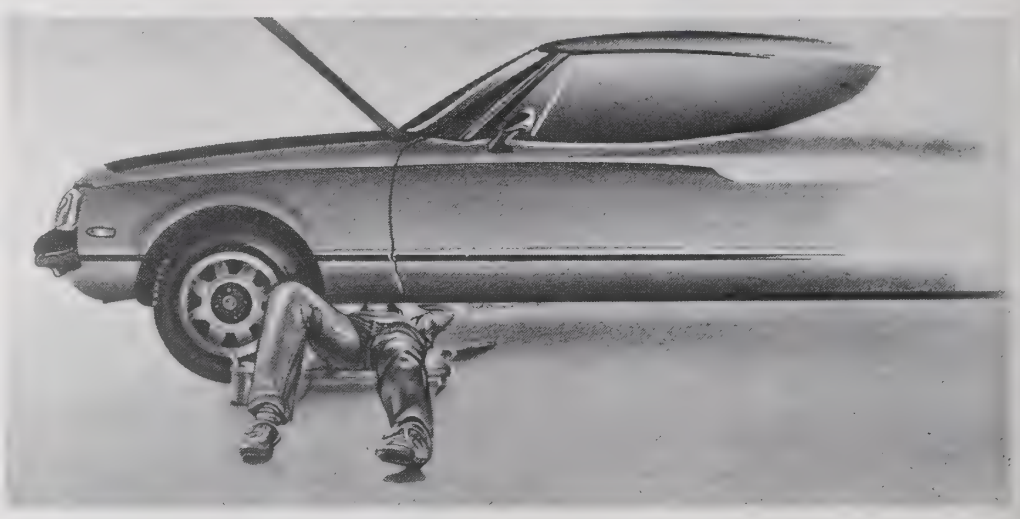
CAR CARE: CHANGING THE OIL



Jeanette Adams

A complex blend of petroleum products, oil becomes dirty, thus reduced in efficiency, as you drive. Most manufacturers require an oil change every 7,500 miles to keep your new-car warranty valid, but you should change the oil each spring and fall to get ready for a new season, no matter how many miles you've traveled since the last oil change. An oil change takes only minutes, costs less than $10, and requires the simplest tools.

Things you will need: (1.) Clothes you can get dirty, since no matter how hard you try, some of the oil will end up on you. (2.) SAE 10W-40, API Service Classification SE oil. Most big American cars need 5 quarts of oil; many American subcompacts and most imported cars need only 4; some foreign sports cars take as much as 10. Your owner's manual usually has a list of "capacities" in which you'll find "oil capacity" or "sump capacity." It might also say, "add 1 quart for oil filter," which you should do, since it's largely ineffective to change the oil without changing the dirty oil filter, too. The 1 quart of dirty oil in the old filter will instantly contaminate the fresh oil if the filter isn't changed first. (3.) A new oil filter, specifically made for your car. There are about a dozen oil-filter designs used for all cars, and the box will list the cars which that filter fits. You'll need to know the year, make, model, and engine size of your car (i.e. 1977 Ford Pinto with 2300 four-cylinder) when you go to buy the oil and filter at a discount or auto parts store. All brands of filters are essentially the same and cost $3–$5. (4.) A shallow pan, roughly the size and shape of a turkey roasting pan, that can hold at least 5 quarts. (5.) A funnel and can opener or an oil-can spout. (6.) An adjustable wrench. (7.) An oil-filter wrench, which wraps around the old oil filter and provides a handle by which you can remove the filter. This wrench costs between $1.50 and $5, depending on quality and type. The best looks like a big spring and fits over the end of the oil filter.

Step one: The best time to change the oil is after the engine has been run. The oil will be warm and flow out more easily and completely. Engine parts may still be hot, however, so be careful. Park the car on the level, parking brake on.

Step two: The bottom of the engine is covered by a pan which holds the oil. Slide under the car on your back, just behind the front left tire. In the center of the car you'll see the smooth bottom of the pan hanging down below most everything else. At the lowest point, usually near the back of the pan, you'll see a hexagonal drain plug. It may face straight down, or off to the side. Position your dishpan beneath the drain, then use your adjustable wrench to loosen the plug (counterclockwise). As soon as the drain plug is loose, use your hands to remove it. *Red Alert!* A steady stream of hot, dirty oil will come shooting out as soon as you remove the plug. Make sure your catch pan is in the right position and that your face and hands aren't in the line of fire.

Step three: Wipe the dirty oil off the oil drain plug using a towel. The plug probably has a tiny cup hollowed out on the inside end of the threads. This is to catch any dirt or particles that might collect at the bottom of the sump. Clean these out and set the clean, dry plug to one side.

Step four: While the old oil is draining into the pan (it takes about 5 minutes),

Continued on page 49

"Last year I switched to rum. This year I graduated to Myers's Rum."

White rums may be what you learn on. But Myers's dark rum will advance your education. It will teach you just how good tasting rum can be. Because with Myers's Rum you get a smoother, softer taste that comes from master-blending.

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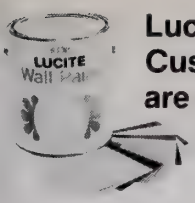

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YOU AND YOUR CAR

continued from page 46

bulky than today's fuzzy favorite, velours. Cloth upholstery is now on about 50 percent of car seats, 40 percent are vinyl, and 10 percent are leather.

One of the best ways to make a small car interior seem larger is to color coordinate all the interior pieces. This is difficult, because an average interior might have two dozen separate pieces, supplied by fifteen different subcontractors, and made from a half-dozen different materials.

The designers must also worry about abrasion, rips, stains, fading in direct sunlight, melting at high temperatures and cracking at cold temperatures, salt water and perspiration, and most insidious, uneven fading of different materials after prolonged aging. Every manufacturer has a large testing lab where leather, fabrics, plastics, and paint are squished, scratched, bent, and folded by robots which simulate years of wear in a matter of months.

Once five or six interior colors have been chosen, twelve to fifteen exterior paint colors are selected which harmonize and contrast not only with the interior colors, but with each other. After a decade of monochromatic cars, two-tone paint schemes are back in fashion. Two-toning allows the designers to spice up the looks of boxy, small cars without adding expensive chrome trim. For the same reason, designers like metallic paint colors because they emphasize the shape and produce a more dramatic play of light and shadow across the surfaces of the car's body. Expect to see more harmonized pin stripes to add visual interest, too.

The most popular color schemes for 1981 and '82 will be tones of a single color—dark gray and light gray paint with a gray interior, for example, or tan and cream with a beige interior. The most prominent new colors are metallic pearl grays, pinky creams, reddish tans, deep red, and a blackish purple aubergine color, plus nonmetallic dark blue and a pale yellow. Light tan has been the best-selling color in recent years, while medium blue and medium green are the most popular colors for "Middle American" four-door family sedans. Most automotive color experts predict these colors will continue to be popular on mass-market cars. More subtle "designer" colors are now standard on limited-production luxury cars, but it will take 4 or 5 years before they catch on with conservative "ready-to-wear" buyers.

Designers have been known to speed customer acceptance of new colors by using attractive color combinations in advertising, or by restricting the color choices on certain popular models. The designers also recommend certain paint and interior color combinations when you go to buy a car. Their recommendations are in the dealer's color brochure.

The designers spend millions of dollars and thousands of hours choosing just the right combinations, and it usually doesn't pay to second-guess them.

Safety in colors

One of the happy benefits of brighter exterior paint colors is greatly enhanced visibility. Motorists can see a white car 12 times more easily than they can spot a black car, according to research done by Mercedes-Benz on color and safety. The safest color is a pure "refrigerator white," followed by pale yellow, bright orange, and light tan. The least safe colors are black, dark blue, and dark green. In the dealer brochure from which Mercedes customers choose the color they'll order for their car is a detailed chart of paint visibility ratings. It must be effective, for one out of three Mercedes are ordered in white or yellow, but only one in 500 is black. ■

CAR CARE

continued from page 46

locate the oil filter. Use the new one as a reference the first time you do this, or look in the owner's manual for instructions. On most cars, the oil filter is on the left side of the engine, towards the bottom and accessible from beneath the car. On some cars, you can get at it more easily from the top, by opening the hood. Slip the oil filter wrench over the oil filter, turn counterclockwise and spin the filter off. Remember, it contains a full quart of hot, dirty oil, so keep it upright. Usually the easiest thing to do with the old oil filter is to temporarily slip it gently into the drain pan full of oil.

Step five: Use your towel to wipe off the area where the oil filter fits against the engine. There's a rubber gasket on the new oil filter which should be lubricated with several drops of fresh oil. Dip the end of your finger in oil and rub it around the gasket. Thread the new oil filter onto the shaft (turning clockwise). The threads are very coarse and it should spin right on. *Never use your oil filter wrench to tighten the new filter.* Tighten oil filter only by hand. If you get it too tight, it may not come off.

Step six: When draining oil tapers off to a steady drip, replace plug. Use your towel to clean around the drain hole, thread in the plug (clockwise) by hand. Use the adjustable wrench to retighten it. Don't overtighten.

Step seven: Open the hood, locate the oil filler cap, and pour in new oil. If you spill oil on the engine when you pour, wipe it off with the towel. If you don't it will burn and smoke when you restart the car. It won't hurt anything, but the smoke is a shock if you're not expecting it. Replace the oil filler cap and start your engine. The red "oil" light will blink for a few seconds, then go out. Check under the car to make sure the drain plug and oil filter aren't loose and dripping. Turn the engine off and check the oil level at the dipstick. It should be at or near "full." Close hood. ■

The Franklin Mint Record Society presents
the ultimate private library of recorded music

The 100 Greatest Recordings of all time

A unique collection of the greatest performances ever recorded, selected by an international panel of music authorities and presented on 100 records of superb proof quality.

For the first time in history, the world's greatest works of music—*and* the greatest recorded performances of those works—have been brought together in one unique collection of distinctively high-quality records. Truly the ultimate collection of fine recorded music.

These are the supreme masterpieces of man's musical genius, performed by the most outstanding artists of the century. Together, they form a record library unprecedented—and unsurpassed—in the entire history of music. *The 100 Greatest Recordings of All Time.*

The greatest music—and the greatest performances

An international panel of renowned music authorities was appointed to participate in the selection of these great recordings. This distinguished panel considered countless recordings of each of the greatest works of music—a momentous task.

For instance, members of the panel reviewed 24 recordings of Beethoven's 7th Symphony and chose the *one* recording they considered superior to all others: Toscanini with the New York Philharmonic.

From 30 great recordings of Tchaikovsky's Nutcracker Suite, the panel selected the *one* greatest performance: Arthur Fiedler and the Boston Pops.

Similarly, the recordings of other great symphonies, concertos, sonatas, rhapsodies, ballet and vocal music were reviewed and the most outstanding performance in each instance recommended.

The creation of this definitive collection has been made possible through the cooperation of leading record companies here and abroad. And now, *The 100 Greatest Recordings of All Time* is being issued by The Franklin Mint Record Society.

Among the works chosen for this collection are immortal masterpieces by Beethoven, Brahms, Mozart, Tchaikovsky, Schubert, Rachmaninoff, Debussy, Verdi—performed by such superb artists as Vladimir Horowitz, Jascha Heifetz, Enrico Caruso, Van Cliburn, Isaac Stern, Artur Rubinstein, Leontyne Price—with the world's great orchestras under the direction of Toscanini, Ormandy, Bernstein, Stokowski, von Karajan, among others.

In every sense, the ultimate private library of recorded music—to be cherished for a lifetime, and presented as a legacy to later generations.

Superb proof-quality records

Each record is exceptional for its clarity and tonal quality—capturing the beauty of today's finest performances *and* of the historic performances of the past. Indeed, the recordings of legendary greats such as Caruso and Ponselle have been remarkably *improved* by electronically removing imperfections in the earlier recordings.

A superior vinyl material, containing its own anti-static element, is used in the production of these records. This special material, and the process by which the pressing is made, results in a record that is more rigid, durable and resistant to dust. A record that has true fidelity, clearer sound quality and a long life.

To further assure their quality, the records are pressed in a special "clean room" similar to the facility in which The Franklin Mint produces its flawless proof-quality coins. In this atmosphere controlled clean room, the most meticulous attention is paid to the pressing of the records. And the records are carefully inspected to make certain that the full quality of each original recording is faithfully preserved.

Together, these important features enable the Society to create a collection of *proof-quality* records—records that offer greater clarity of sound, and are quieter and clearer.

Handsome library cases provided

To house these magnificent proof-quality records, special library cases are provided for all 100 records in the complete collection. Each library case holds two long-playing 12" records and is sturdily hardbound and attractively designed. Displayed in a bookshelf, breakfront or cabinet, these handsome library cases will be an impressive addition to any home.

The fifty library cases also include specially written and illustrated commentaries discussing the great masterpieces and their composers, and providing fascinating background information on the famous orchestras, conductors and soloists included in the collection.

Thus, you will enrich your understanding of great music—and you will introduce your entire family to a world of pleasure and cultural satisfaction.

Created solely for subscribers to this series

The 100 Greatest Recordings of All Time are produced *exclusively* for those who enter subscriptions to this series. The collection may be acquired *only* from The Franklin Mint Record Society. It will not be sold in any record stores.

To begin building your private library of the world's greatest performances on *proof-quality* records, mail your application by May 31, 1980.

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THE ADVISORY PANEL

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HUYLER G. CHAPIN, Dean, School of the , Columbia University

ANCO FERRARA, Academia di Santa ilia, Rome

GALLOIS MONTBRUN, Conservatoire Nal Superieur de Musique, Paris

ING KOLODIN, music editor, The Saturday iew

LLIAM MANN, senior music critic, The don Times

RCEL PRAWY, Vienna Academy of Music

ORE PREVIN, Principal Conductor, London phony Orchestra

LLIAM SCHUMAN, composer, first winner ulitzer Prize for music

H. STUCKENSCHMIDT, Akademie der nste, West Berlin

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Please enter my subscription for *The 100 Greatest Recordings of All Time,* consisting of one hundred proof-quality records in specially designed library cases. I understand that I may discontinue my subscription at any time upon thirty days' written notice.

No payment is required at this time. I will be billed for each record in advance of shipment at $9.75* plus $1.75 for packaging, shipping and handling. My records will be sent to me at the rate of two per month.

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GUARANTEED PRICE: In spite of strong inflationary pressures in the record industry, the price of $9.75 per record will be *guaranteed* to each subscriber by The Franklin Mint Record Society for *every* record in the collection.

Delicious Austria

A week in the land of pastry and whipped cream, with a food and wine editor

BY PENELOPE W. LINCK

Austria means champion skiers, mountains, feather comforters, music—I waltzed with a dark, handsome man during my first nap after arrival in Vienna. But when I think of Austria now after a week's tour last fall, I remember a fragile, five-tiered tower built of the thinnest rounds of pastry separated by fat spoonfuls of whipped cream, pink and scented by wild strawberries, that nearly broke my resolve—that while in the land of Sachertorte and *kaffee mit schlag,* I would not finish anything on my plate! A passion for bread led to a loophole: a *vintschgerl* (vintner's bread)—a large, flattish sourdough rye roll dusted with flour, mostly crust, perfectly sour, purchased while strolling through the blocks and blocks of Vienna's outdoor market. The loophole? It had not come on a plate! I'd gladly swim an ocean for a vintschgerl; I didn't have to—thanks to TWA.

Austria is more than just bread and chocolate—there is also good wine. For the week, a small group of us explored the wine country of eastern Austria in the states of Vienna, Burgenland, Lower-Austria (on the Danube), and Styria. We toured in October, when the landscape is swept clean; winemakers pick the last of their grapes; Sunday drivers in the country stop by the roadside for freshly roasted chestnuts and for *sturm,* still-fermenting wine. (The Austrians look forward to *sturm* every fall as a health tonic, which varies in taste from slightly fizzy and sweet, to bitter.) If you go in May, a medieval town on the Danube, Krems, in Lower-Austria, sponsors a wine festival; at the same time in Styria, near the Yugoslavian border, the craggy landscape given alternately to orchards and vineyards bursts into bloom; in Burgenland along the Hungarian border (part of the great central European plain that sweeps into Russia without regard for boundaries) the storks return from Egypt to nests set on scaffolding a safe distance above chimney tops.

We began in Vienna—our first stop: Demel's. Language unnecessary—just point to one, or two, pastries—as many as 30 choices stuffed on top of a counter less than 5 feet long. Coffee (so rich and frothy it looks and tastes like it already has cream in it) comes in a small, fa

Continued on page 5

Rick McCarth

Loaves of rye bread, warm from the oven of the Helwigs' pension in Spitz.

Summer trips away from home

On an island with Bach

The Portuguese island of Madeira appears unexpectedly in the Atlantic 600 miles southwest of Lisbon. This summer you may want to go during the International Bach festival, June 12–24. Musi-

cians include flutist Jean-Pierre Rampal, violinist Jaime [illegible], cellist Leonard Rose. On the program: the Mass in B Minor, Brandenberg Concerti, Suites for Unaccompanied Cello, Violin Concerti, and Goldberg Variations. Four 10-day tours, leaving June 12, 13, 14, and 15, include roundtrip airfare on TAP-Air Portugal from New York or Boston, hotel room, breakfast and one other meal, concert tickets, and sightseeing on the green, hilly island with its fishing villages, terraced vineyards, and rare flowers. All for $1,485. Contact Claras Turismo, 510 Madison Ave., New York, N.Y. 10022; (212) 838-5090.

Nova Scotia and Gaspé: A Canadian Express

Why not try a *different* cruise? This month, Tour Train begins summer rail cruises through northeast Canada. The train, with a restaurant car and two sleeping cars, serves as a rolling hotel—you only unpack once. Each double room has Japanese futon mattresses, quilts. On one 5-day tour—"Montreal-Gaspé-Quebec City"—you travel along the St. Lawrence River, past fishing villages lining the Gaspé Peninsula coastline, take a bus to Percé with its huge, obelisk-like rocks rising from the sea, go by boat to Bonaventure Island, a bird sanctuary. The "Montreal-Halifax" tour goes to Nova Scotia through northern Maine. Tours run from mid-May through October. Average rates $200–$300 a day. For information and reservations: Otter Valley Rail Road Corporation, Proctor, Vt. 05765; (802) 459-2026.

Garden hopping through Switzerland and Italy

For flower lovers, the American Horticultural Society is sponsoring three tours to famous gardens in northern Italy and Switzerland, with a special visit to *Grün 80,* the big garden and flower show in Basel, Switzerland. (For more on *Grün 80*—see Gardener's Notes, page 278.) The two-week tours, leaving May 22, July 17, September 25, include stops at palace gardens around Lago Maggiore in Italy, Swiss alpine gardens, university botanical gardens, and, amazingly, Baron Thyssen's art collection and garden, plus sightseeing in Zurich, Geneva, Berne, Lausanne. Also includes roundtrip airfare between New York and Zurich on Swissair, hotels. For information, write Florence Bayliss, The American Horticultural Society, Mount Vernon, Va. 22121; (703) 768-5700.

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Introducing Ray-Ban Naturals.
All the fashion you want...
all the protection you need.

Sunglasses should do as much for your eyes as they o for your looks.

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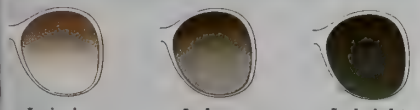
Ray-Ban Naturals filter out more of the sun's rays han designer collections. They reduce glare from any urface, from any angle.

This protection lessens squinting. It helps keep our eyes from tiring. And it's yours with all the fashion ou could ask for.

Our frames are elegant. They fit comfortably. ur lens styles are the last word in lenses.

New: Changeable Gradient Lenses



In indoor light *In hazy sunlight* *In bright sunlight*

Especially our new, changeable adients. As the drawing shows, ey're clear enough to wear inside. nd since they're light-sensitive, ey darken within 60 seconds hen you're outside in sunlight.

New Ray-Ban Naturals. ok for them at professional ecare centers and fine depart- nt stores.

They truly are uncompro- sing. And when it comes to ur eyes, shouldn't you be compromising, too?

Ray-Ban Naturals
BY BAUSCH & LOMB

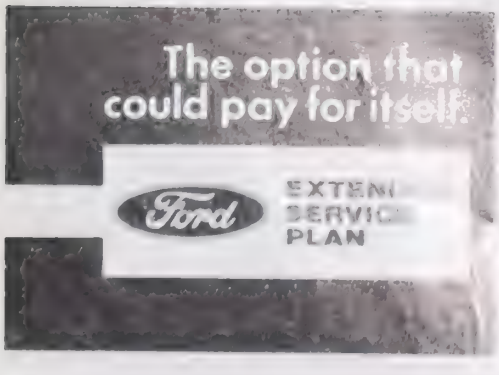
Make the Fairmont Futura look even better.

Add the option that could pay for itself.

Just ask your Ford Dealer.

When you order your new Fairmont Futura, be sure to consider the one option that could pay for itself. Ford Motor Company's Extended Service Plan. It's available to help protect you against rising service costs. And it's backed by Ford Motor Company and honored by participating Ford Dealers nationwide.

To learn more about what this plan covers and what it costs, see your Ford Dealer.



continued from page 54

white pitcher, exactly one serving. Buy chocolates here—a huge bar of milk chocolate wrapped innocently in heavy blue paper, or an assortment in a gaily-patterned box. On our one full day, the Opera was dark, the Vienna Riding School was out of town, the Vienna Boys' Choir was not performing—but this meant less distraction from the Freud Museum, housed in the apartment in which Freud lived for 50 years. Extracts from his letters accompany each piece of memorabilia on display. The letters reveal a man as sad, funny, and human as anyone.

Afterward, dinner (our first *tafelspitz*, boiled beef) and a wine tasting in Grinzing, a jolly village on the outskirts of the city. Green pine boughs hanging at a doorway indicate that the shop *(heuriger)* sells *heurigen*, young wine (in October 1979 that meant the '78 vintage). Some of the best food in Vienna is at the Vienna Hilton where we stayed (the windows *work* and overlook a park and canal). Here the chef reinterprets typically Austrian foods, like veal, to suit modern tastes—instead of an escalope we had fat medallions of veal on a bed of wilted spinach. The Hilton is the home of the pastry tower and Klimttorte, a nutty génoise soaked in syrup, coated with chocolate—every bite a pleasure.

In Eisenstadt, a town in Burgenland, southeast of Vienna, we entered Bergkirche, where Haydn is buried. The organist there was practicing, encircling the small church with music. The church is decorated with marble and columns in trompe l'oeil (the least-expensive way to renovate an older structure into the Baroque style). Austria is completely painted over with trompe l'oeil. Lunch at Gasthof Engel featured game—venison salad, pheasant soup, wild boar, and bread dumplings stuffed in the middle with ham. Dumplings were shaped into long, thick sausages, rolled in cheesecloth, poached, then sliced into servings. (These were so light and flavorful—there must be a secret.)

The state of Lower-Austria which surrounds Vienna is broken into eight wine regions. In the Krems area on the Danube, a huge abbey commands the top of a mountain. Stift Göttweig is the name of the abbey, also a restaurant, and it owns a winery. Here we tasted our first Austrian red wine aged in wood. Austrians prefer to drink their wines young; reds are almost untouched by wood. Even when a winery has gone to the extra expense and care to age a wine, the information may not appear on the label. Josef Brückelmayer, the winemaker of Stift Göttweig, calls his Napoleonstiege his favorite wine. He makes it from an Austrian grape, Grüner Veltliner, which gives an aromatic slightly spicey white wine. Each day [illegible] we drink more wine from Austrian grapes, understand them better, begin to recognize them. Austrian whites are generally sturdy and spicey, leaning more towards the wines of northern Italy than the flowery wines of Germany with which they are often compared. But really the wines are uniquely Austrian. I brought a bottle of Napoleonstiege back home with me; its flavor was an instant reminder of that afternoon tasting.

In the town of Langenlois just north of Krems we spent an intense few hours lost in admiration of the Bründlmayer wines, some of which have been chosen for sale at the prestigious Heublein auction. Wilhelm Bründlmayer raises his grapes organically, presses them *slowly* through a modern press (for better results, longer-lived wines), then ferments

Grossauer

Typical Austrian "gastgarten"—outdoor courtyard restaurant—in Krems.

them in old wood casks. We tasted a Grüner Veltliner '77 and a '76, both fresh and fruity. Then a Grüner Veltliner '71. The flavor had developed into pronounced spiciness. Finally we tasted *two* eisweins (the grapes are frozen by a sudden frost, picked and crushed while still frozen, concentrating the flavor). Eisweins are always rare and precious. To taste two is a treat. We left dizzy and headed for the Bründlmayers' *heuriger* for dinner—jug after jug of their young wine, the best potato salad, and platters of fresh pork, ham, rich blood sausage.

The Wachau, another wine region of Lower-Austria and "the most beautiful valley of the Danube," claimed our guide, is strung with medieval towns, beautiful churches, castles, and with vineyards which climb the sunny side of the river bank. The Gastehaus S. H. Helwig, a pension in Spitz in the Wachau, is an ideal place in which to settle down while exploring the valley. Originally a mill, it's now a bakery (home of my second-favorite roll, a *wachauer*) as well as a pension (20 rooms), family-run by Siegfried Helwig and his wife Helga. Josef, Siegfried's 80-going-on-20-year-old father, drinks a glass of schnapps with us straight down, then returns to tending his oven and 2-kilo (4½-pound) loaves, rearranging them to bake evenly, taking them out and giving them a quick water wash for a crispier crust. Siegfried promises to turn guests into expert bakers in a

Continued on page 244

"I like cars that look good on me. Like the new Fairmont Futura."

LAUREN BACALL

Introducing the Fairmont Futura 4-Door.

Yes, it really is a Ford Fairmont.

The right idea for today for all those practical, sensible reasons that have made Fairmont one of America's most popular cars.

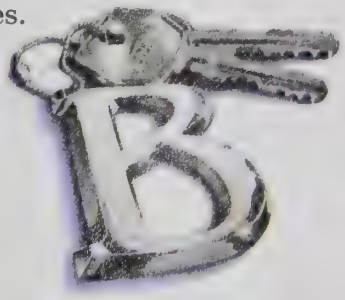
But, oh my.

Look at it. This new Futura 4-Door is dazzling to the eye. Dual halogen headlamps flank the aerodynamically tuned front end. Optional decor group accents say style in subtle tones.

There's room for five inside. And when you sit at the controls you might think you were sitting in a much more expensive car. If you didn't know better.

23 EPA EST. MPG **38** EST. HWY. MPG

Back to the practical for a moment. Of course, mileage is somewhere near the top of your mind. The new Fairmont Futura 4-Door doesn't disappoint. Compare its estimated MPG to other cars. Understand that your mileage may differ depending on speed, distance and weather. Actual highway mileage will probably be less than estimates. And California MPG is lower.



FORD FAIRMONT FUTURA

FORD DIVISION Ford

We'll never take a 7-day cruise again.

Our seven-day cruise aboard Song of Norway was fantastic. But it was over too soon. From now on we're going the whole route.

We're taking a 14-day Royal Caribbean cruise to Haiti. Barbados. Antigua. Jamaica. And Caracas down in South America. And we can't wait!

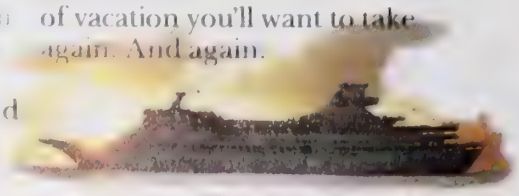
Imagine, a second week of those glorious dinners and irresistible desserts. And the service. We eat out a lot. But we've never had a waiter like Francesco. I'm afraid to take him home with me.

And I hope that good looking singer is back to entertain us. I could listen to him sing "Misty" all night. But then all the entertainers got rousing applause.

You know, we've been on a lot of vacations. All over the world. But we've never been on anything like this cruise. We just want more.

Now the only thing we have to decide is whether to spend next year's two-week vacation aboard Sun Viking or Nordic Prince. Some decision!

Ask a travel agent about a Royal Caribbean cruise. It's the kind of vacation you'll want to take again. And again.



Ships' Registry: Norway

NORDIC PRINCE · SUN VIKING

14-day Royal Caribbean Cruises

Royal Caribbean 7-day cruises depart Miami year-round. Fly-cruise Airline Packages available from many major cities

U.S trip-lets to take this month

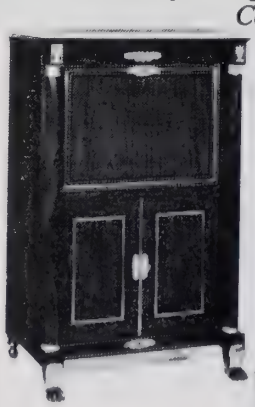
Rhode Island:
Looking into houses

Providence, with its rich selection of 18th- and 19th-century architecture and decorative arts, is planning a special "Benefit Street" house-touring weekend, May 2–4. Benefit Street is a mile-long, unbroken lineup of restored houses built during the city's heyday as an important port in the China trade. All are private open only for these three days. A candle light tour of seven houses is planned for the first Friday evening, with 14 more on tour the next day. Included is a stop at Pendleton House, the American decorative arts wing of R.I.S.D.'s Museum of Art, where curators will give a special tour of the furniture, silver, and primitive-painting collections. The town's famous churches will be on tour Sunday, including the First Unitarian Church, its bell cast by Paul Revere, and the towering white First Baptist Church of America, built in 1775. Also worth a visit is a house museum on Benefit Street: red-brick, Georgian-style John Brown House, built in 1796, and described by John Quincy Adams as "the most magnificent and elegant mansion I have ever seen on this continent." For more information on the house tours, contact the Providence Preservation Society, 24 Meeting St., Providence, R.I. 02903; (401) 831-7440.

Washington, D.C.:
Decorating American style

For a weekend trip that's also a journey through America's design past, go to Washington's National Gallery for *In Praise of America: 1650–1830*, an exhibition of the best of American decorative arts and furniture from public and private collections all over America, on view until July 6. Eighty-three pieces are

Continued on page 60



Rosewood-veneer secretary—Philadelphia.

Richard Cheek/Metropolitan Museum of Art

1758 easy chair, with flamestitch needlework sides, crewel-work back—Newport.

Richard Cheek, Decatur House

Bermuda. Get away to it all!

"We bring the children to Bermuda and we feel at peace with ourselves. It's a great escape."

Doug and Gail Coupe on the Coupes' fourth visit to Bermuda.

"We visited the old print shop on Featherbed Alley in St. George's. It's a town that gives you a feeling of history. Of things past."

"We get on the motorbikes and just let the free spirit in us take over. For us, the bikes are Bermuda."

See your travel agent or write Bermuda, Dept. 507
630 Fifth Avenue, N.Y., N.Y. 10020 or Suite 1010, 44 School St., Boston, Mass. 02108
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Create a family tree with Photo Decor.

You can make family gatherings the focal point of a home decorating project when you use photographic art. Find out from a professional photographer how easily old family photographs can be restored. Then combine those images with newer portraits in an arrangement everyone will want to be part of.

For more ideas on how to create a photographic family tree, pick up a copy of "Photo Decor—a Guide to the Enjoyment of Photographic Art," for $8.95 cover price from photo dealer's everywhere. Or order from Eastman Kodak Company, Dept. 454, Rochester, New York, 14650; include $1 for handling plus applicable taxes. Price is subject to change without notice.

Kodak

© Eastman Kodak Company, 1980

continued from page 58

arranged chronologically to show developments, influences. Includes works by master craftsmen and designers from New York, Boston, Philadelphia, and Newport and from nonurban areas in Louisiana, Georgia, Virginia, and Connecticut. Examples of quillwork, japanning, blown glass, plus chairs and sofas with their original well-preserved upholstery. Also, early porcelain, wrought iron, silver, copper, brass. To read in addition to the exhibition's catalogue: guest curator Wendy A. Cooper's book, also titled *In Praise of America* (Knopf). If you go for a weekend: the Fairfax, Hay Adams, and Sheraton-Carlton hotels all offer special weekend (Friday and Saturday nights) packages that work out to much less than the regular day rates.

Connecticut: Dogwood days

Since 1795, Fairfield residents have been planting dogwood trees, and every spring this southwest Connecticut town celebrates the opening of the pink and white flowers with a festival, this year May 10–17. Walking tours, organized by the Greenfield Hill Church, stop at dogwood-filled gardens of 18th-century houses. On the grounds of the Church—white clapboard, very New England—a sit-down barbecue lunch (reservations needed) and picnic lunches with home-baked food to buy. Also, an outdoor fair with crafts. For information and lunch reservations, call (203) 259-2128.

Savannah: New inns from old houses

Be the guest of local people who have opened parts of their houses to guests. Six new inns—all restored 19th-century houses—have recently opened right in the heart of historic Savannah, all within walking distance of sights and restaurants. Call ahead for reservations. *Stoddard Cooper House:* On Chippewa Square, built in 1854. Stay in a two-bedroom suite looking into the garden—has living room, fireplaces that work, dressing room, bath, kitchen (stocked with homemade breads). Rooms decorated with period furniture and quilts; (912) 233-6809. *Liberty Inn:* Built in 1834, has four suites—each with its own entrance, fireplace, exposed beams and brick walls, plus kitchen and laundry; (912) 233-1007. *17 Hundred 90 Inn:* Fourteen guest rooms are on the second and third floor of this large house—the first floor is a popular Savannah restaurant. In back: a separate townhouse, with two suites, each with two bedrooms and full kitchen; (912) 236-7122. *Mary Lee, Guest Accommodations:* Three suites on the first floor, two more in a restored two-story brick-and-stucco carriage house. Each suite has its own entrance, one bedroom (quilts for bedspreads), living room, bath, and kitchen; (912) 232-

Continued on page 63

MOST PEOPLE DON'T HAVE THE FOGGIEST IDEA WHY VIRGINIA'S BLUE RIDGE MOUNTAINS ARE BLUE.

These are some of the oldest mountains in the world, an azure tapestry that stretches through Virginia for more than three hundred miles. From the breathtaking Skyline Drive along the mountains' crest, and from the beautiful Blue Ridge Parkway that overlooks the Shenandoah Valley, the view is simply magnificent. And, for as long as memory has known, always intriguingly blue.

As blue as the ocean at Virginia's beautiful beaches. As blue as the sky over the deserted battlefields at Petersburg and Manassas. Bluer than any mountains you've ever seen in your life. And always lovely in any season.

It was here, in 1768, that Thomas Jefferson decided to build his stately Monticello with a view of these spectacular mountains on every side.

The view is the same today. Millions of tall pine trees, standing for centuries in such vast and close communion that their very breath colors the air and names the mountains surrounding them.

The Blue Ridge. Now that you know why they're blue, come see why they're unforgettable.

For free 36-page color vacation guide and brochures on your special travel interests, visit, write or call Virginia State Travel Service.

Dept. 210, 11 Rockefeller Plaza, New York 10020, phone (212) 245-3080

Dept. 210, 6 North Sixth Street, Richmond 23219, phone (804) 786-4484.

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Virginia is for lovers. ♥

The Four Seasons Solarium and Passive Solar Greenhouse

U.S. Department of Energy Passive Solar Home at Brookhaven National Labaratory

Dept. of Energy Passive Solar House.....

THE BROOKHAVEN HOUSE A project for the U.S. Department of Energy which uses a Four Seasons System 2 Passive Solar Greenhouse to collect free solar energy. A system called Natural Thermal Storage is used to retain this solar heat at night and on cloudy days. Conventional energy consumption to heat this home is reduced to only one third to one fifth of energy needed if it were a conventional home.

Thermal storage is acheived by using, readily available construction materials such as brick or block to build a "Trombe-Wall" and other heat retaining surfaces.

The chart below indicates just how much can be saved by this combination of thermal mass and passive solar energy
(up to 80% of heating costs even in cold northern parts of the country)

**Brookhaven House —
Projections of Annual Heating Needs For Six Cities**

City	Percent of Total Amount Heating Demand Supplied by Solar Energy, %	Total Amount Heating Supplied by Furnace Millions of Btus	Fuel Required To Heat House Annually* Gallons of Oil
Boston, MA	65	13.66	180
New York, NY	66	10.06	130
Chicago, IL	57	17.83	230
Baltimore, MD	77	4.84	60
[illegible]	66	22.77	300
[illegible]	69	7.80	100

The first Brookhaven House is located on the grounds of Brookhaven National Laboratory in Upton, New York where it is thoroughly instrumented to monitor and analyze the heating performance

The research and design was carried out by Total Environmental Action Inc. of Harrisville, New Hampshire

30% TAX CREDIT

The Four Seasons Solarium and Passive Solar Greenhouse, when purchased for use as a solar collector, may qualify for the residential energy tax credit, as a greenhouse only it would not qualify. All other solar heating equipment supplied by Four Seasons will qualify. Consult your tax advisor or the IRS to find out particulars and qualifications

The new solar energy

Solar energy you can "Experience" in an exciting, livable Four Seasons solarium. Imagine the warmth of the sun heating your solarium to 85° or 90° in the middle of winter!!!

Your Four Seasons solarium can add significant free heat to your home plus a magnificent new room for family fun or greenhouse growing, and in the summer your solarium converts to a screened in patio room with sliding glass doors for easy access and plenty of ventilation.

Maintenance Free Features;

All aluminum framework with a gracious curved eave design and the quiet elegance of our bronze-tone baked enamel finish

Do-it-yourself kit comes pre cut for easy assembly, saving you thousands in construction costs, a perfect project to add valuable new space to your home plus free solar heat that can save you heating dollars for years to come.

New double and triple glazing with tempered safety glass or G.E. Lexan® panels assures you of maximum thermal insulation.

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FREE COLOR CATALOG: [illegible] showroom (516) 694-4400 or others below

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NORWALK CONN [illegible]

(CUSTOM BUILT AND STANDARD SIZES)

continued from page 60

0891. *Four Seventeen:* Perfect for a family—the entire first floor of this 1872 house, with living room, dining room, kitchen, and large bedroom, full bath; (912) 233-6380. *Eliza Thompson House:* Five suites on the garden floor of this 1847 house. Private entrances. Breakfast every day: juice, muffins, coffee; (912) 236-3620.

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To plan better vacations, here are some booklets that give you information about where to go and how to get there. Just fill out the coupon below and return it.

1. Encounter Austria: a magazine-like brochure with articles on Vienna, mountain walking paths, where to buy handicrafts, inexpensive inns.

2. TWA Getaway Europe Fly-Drive: Money-saving packages include APEX airfares to places like Austria, Italy, France, Britain, plus rental car when you arrive. Rent car for one week or longer, unlimited mileage.

3. Florida General Information Guide: what to see listed by region. In Central Florida: Walt Disney World, Cypress Gardens, Sea World, Ocala National Forest. Plus where to find canoe trails and camping sites.

4. BritRail and a rental car company together offer **Rail Drive** packages. Buy 1-, 2-, or 3-week passes—get unlimited train travel throughout England and Scotland and unlimited use of cars you rent in rail-station cities.

5. The great long-weekend escape: **Funlover's Finnweekends**, offered by Finnair, are good-value airfare/hotel packages for 5 days in either Helsinki or Amsterdam.

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May 1980

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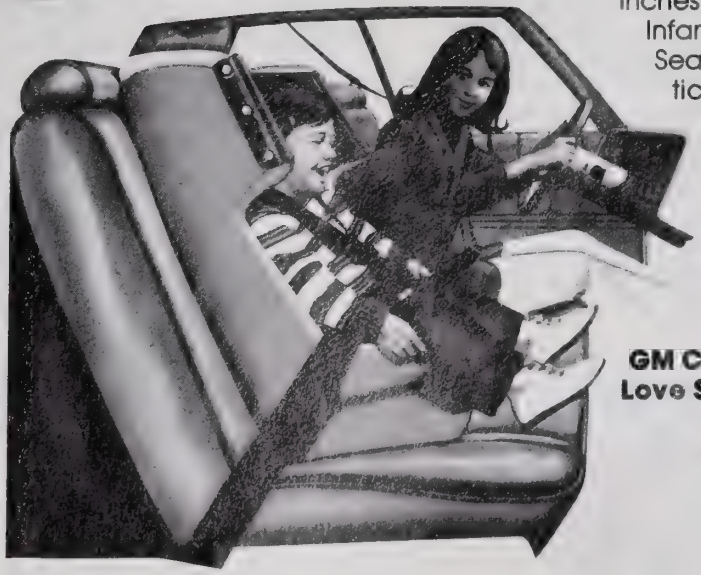

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AC-DELCO DIVISION OF GENERAL MOTORS CORPORATION

HAPPY HOUSEKEEPER

BY MARY ELIZABETH FALTER

Inventive ways to make your everyday tasks easier, plus other quick tips

Convector baking, toasting, and cooking are quick and produce crisper, more evenly cooked food. The Salton toaster is a good example. It makes pale golden toast that is crunchy instead of soft, because it's baked in a hot-air updraft as it grills between the electric side coils. Besides being efficient, the slim Salton toaster is attractive enough to bring to the table.

Capers are overlooked as a different and satisfying seasoning or garnish. They're spicy but delicate, refreshing, and blend well with many foods. Use them in salads and with hors d'oeuvres, on steak Tartare, in scrambled eggs, in sauces. They lend themselves particularly well to sauces for veal or chicken and are delicious when added to lemon butter for fish. To make a basic sauce for either chicken or veal, simply deglaze the pan with some white wine, add half a can of cream of chicken soup, and a half-bottle of capers and their juice. Next, a generous splash of heavy cream and seasonings to taste.

The Everything Tool is a **crackerjack household gadget,** especially for anyone called upon to cope with minor repairs, to open tightly sealed jars, or remove corks. It's chrome, about 7 inches long, and looks rather like a basic wrench, but it has quite a few extras, as it's designed to open jars and bottles, crack nuts, fish a boiled lobster out of a pot, or squeeze a lemon. It's a wrench, a screwdriver, hammer, and pair of tongs—all in one. Every household could use at least one, and an extra in the car for camping and picnics is a good idea. From Miles Kimball.

That old faithful heavy-duty cleaner Dip-it is great for **removing stubborn tea and coffee stains** from plastic cups and mugs, and will also do a terrific job on cleaning up and retrieving what might appear to be a hopelessly burned pan or messy broiler. Because it's so powerful, it's probably well to reserve it for special problems.

Rotating house plants is easy if you have an out-of-the-way area that can be fitted with plant lights and a humidifier. Set up a resting station for the plants, and at this time prune, feed, and cut back a little on watering. Most good hardware stores have a variety of plant lights and a drugstore humidifier provides plenty of needed moisture, as it runs 8 hours or more and shuts off automatically.

If you **store lemons** in a domed plastic fruit keeper along with the other fruit, they will last much longer and not get dry and hard.

One way to learn to travel light is to make a list of everything you *didn't* use, when you come home from a trip. Analyze and adapt. A good rule to follow is to pack two of everything for any situation you're likely to face, morning, afternoon, and evening. Use as many switchables as possible so you can have several combinations from the same few pieces. Take one medium-weight, all-purpose coat which you can make warmer by adding a sweater underneath. Try to remember, you're not going to be gone forever—when in doubt, leave it out! ■

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How many times have you felt the services of an interior designer would be a great helping hand, but the thought of high-priced fees along with the possibility of not attaining your exact goal has totally turned you off.

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Who are we?

We're Ashton, Wainwright & Kent International with offices in London and now we're in New York. You see, what we've done is to get together a talented group of young designers, one of which will come into your home or office, see what your particular needs are, then help you achieve the desired effects. This starts with drawings, color schemes and fabric samples, plus a comprehensive written report.

The cost? Now hold on to your hats!

The cost is $130 for the service, and if you want us to carry out the scheme, after you've spent $1300 you will then receive $130 credit towards your next purchase.

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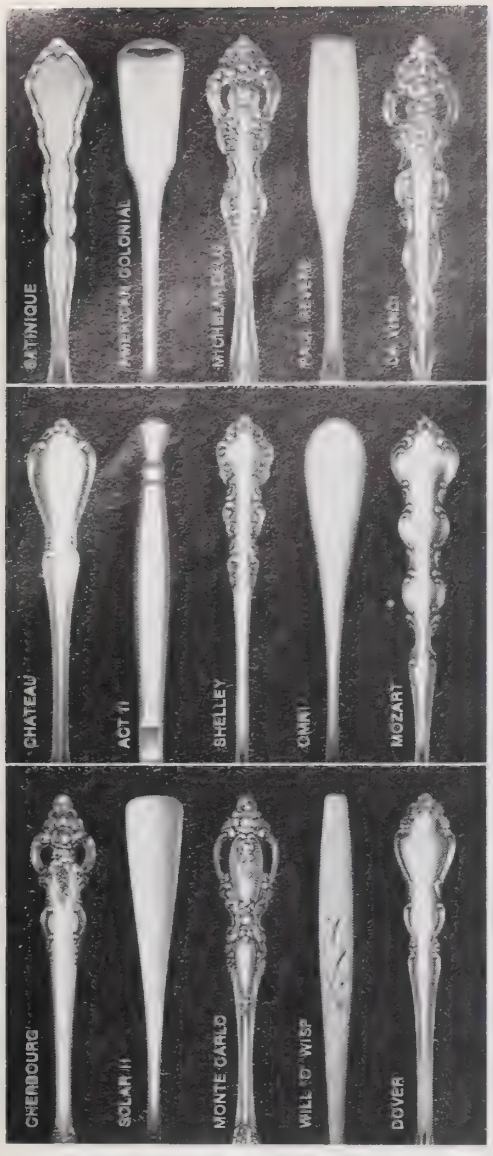

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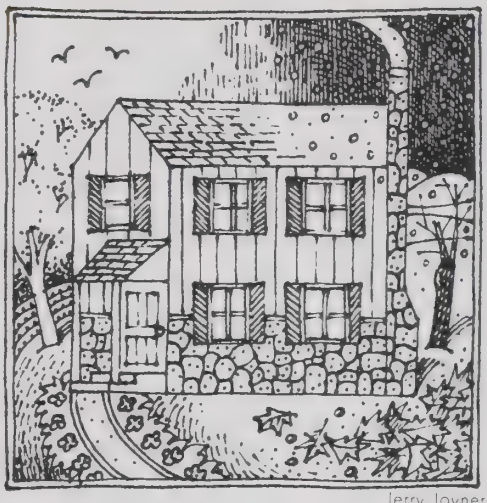
ONEIDA

COUNTRY NOTEBOOK

BY DEE HARDIE

When I was four-and-twenty a wise man said to me, marry me. I did. (*Then* he looked like Paul Newman.) I never questioned, never doubted, even when he moved me to the depths of the Maryland countryside into an old house that was considered, as I learned later, "a real lemon." Now, 29 years and four children later, I still think he's right most of the time, though he doesn't look like Mr. Newman anymore. He gave us a house which gave us a life. He gave us our growth stocks because it is here we have all grown up.



Jerry Joyner

"Our house has sheltered us, embraced us, shared our joys, helped hide our sadnesses"

Not that I didn't wonder and worry over the years. How would we keep those pigs in, how would we keep the children out of the pond when I wasn't looking, how could I possibly survive another day without water, that pump that constantly played tag with my nerves? I will *not* chase another cow! "A real lemon" squeezes a lot of energy out of you. We sanded old pine floors right up until the night before our son was born.

It is the survival of the fittest, it must be, or perhaps more truthfully, the stubborn. Our house, in its unassuming settled way, has sheltered us, embraced us, shared our joys, helped hide our sometime sadnesses. And we always want to go home again, no matter where we've been.

We've done everything here—a christening with water from our own stream after a sample from the River Jordan boiled away on the stove, an early wedding of a friend when we threw grass seed rather than rose petals because our lawn was practically a vacant lot, a wake because we wanted to cry at home.

Home is Thornhill Farm, named after ancestral Scotland. Built in 1845 by Quakers with sturdy intentions, but few architectural pretensions, the house is half fieldstone, half timber. It sits quietly in the center of 59.9 acres "more or less," as the deed reads, surrounded by gentle Maryland hills, the reason we always have sheep. Sheep *like* hills, most crops do not.

Behind the barn are 19 acres of woodland where the Quakers hid their two horses when the Yankees marched through. That's about all we know, except that later two brothers lived here, one in the wooden half, the other in the stone section, hating each other. When we moved in we had to cut through 2 feet of stone so we could go from one part of the house to the other.

But now with our children grown, energy a crisis, should we wall up again, make a smaller house? What are we doing with a house that meanders, often longs for more company? Real estate has tripled, the city is moving closer, we talk of town houses, usually in winter, and how lovely it would be to go to the theatre without making it a marathon. After all the doubts and questioning, I know I am fooling myself. You may be able to take the country out of *me,* but you can't take *me* out of the country. In a way this house has been my career, and I'm not ready to retire yet. I've merely relocated our living.

A daughter's bedroom is now my office, with a long pine kitchen table which once sat six now playing host to a typewriter, pencils, paper, endless cups of coffee, occasional inspiration. The living room, which seemed a gymnasium when the children were young, is now more sedate, a reading room. Our bedroom is no longer the civic center. And the kitchen isn't a music room anymore. Where else did we have space for that upright piano?

That same piano is now in an upstairs bedroom, a new music room, and the moving made "Hannibal and his elephants crossing the Alps a piece of cake," as our son was heard to remark.

Now that our house has adjusted to another life, so have I. And I wonder now how I thought I could possibly miss seeing our 75-year-old pear tree blossom like a white bridal bouquet every spring, the fields of corn blending beige toward fall, picking up those chestnuts from the front lawn for the turkey stuffing, the very white of winter. Seasons change, and so have I. ■

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OUR TRADE-IN POLICY MEANS YOUR NEW MACHINE COSTS EVEN LESS.

If you've already got a sewing machine, bring it to Singer. We'll give you a trade-in allowance toward your new machine that'll mean the price is even lower.

It's just one more reason why today, as in every year since the sewing machine was invented, more people buy Singer* sewing machines than any other kind. Come to Singer and see why.

You'll find that once you've looked in the Singer Store, no other machines look as good.

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A DECORATOR SPEAKS HER MIND

"Splendid furniture alone doesn't count. The main thing is life"

An interview with Madeleine Castaing by Marie-Pierre de Cicco

Interiors that are at once grand yet inviting, chic yet timeless, are the hallmark of the legendary French decorator and *antiquaire* Madeleine Castaing. You will see the extraordinary rooms she has created for herself on pages 168 to 173. Her personal touch transmits itself to her work in a way that makes the Castaing style easy to define (eclectic antiques, soft colors, comfort and charm), but difficult to explain except as the expression of a unique personality.

Mme. Castaing, what is your philosophy of decoration?
Decoration is a mirror. Home is real. I attach great importance to home—first because the family lives there, the children, the couple. A nice home holds a man. Homes have great power. I know that I'm happy to be in my room at night with the fire, a proper light, and the books I love.

I believe you were married a very long time.
Yes, I was married when I was very young, and my marriage lasted 52 years. When I think of Lèves, our house in the country, I remember that it was truly a happy house.

And how did you furnish your house?
It's hard to explain. People say it's a house full of love and that's true. Sensual—it's true, in the colors, in the light, in the materials and the walls, in the form of the furniture. There are many enthralling things. There's a chair that belonged to the Empress Elizabeth of Austria. And the starting point is poetry. I have to be inspired, I have to express intimacy, tenderness, warmth—and if it isn't alive, it doesn't exist. I don't care for splendid furniture, alone; that doesn't count. The main thing is life—the life I give them. Nearly all my customers have become my friends. All my settings are different—I tailor them to the people who are going to live in them. I love the early 19th century. It was a dazzling century—in literature, it gave us Balzac, Stendhal, Baudelaire, Victor Hugo, Rimbaud, Verlaine. In art, Ingres, Corot, Courbet—it's astounding—and then the Impressionists—and the same thing holds true for woodworkers. There was an effervescence in the 19th century. That's what I like the best, regardless of the country. I'll give you a good example. Come over here—you see, these armchairs are Russian, the straight chairs are English, this is Italian, this fine lamp is English, these two sofas are French, the little one in the middle with two sides is French, that's Austrian, this is from northern Italy. As you can see, all parts of Europe are represented, and the result is complete harmony. It's timeless. It's life everywhere, life in the choice of things.

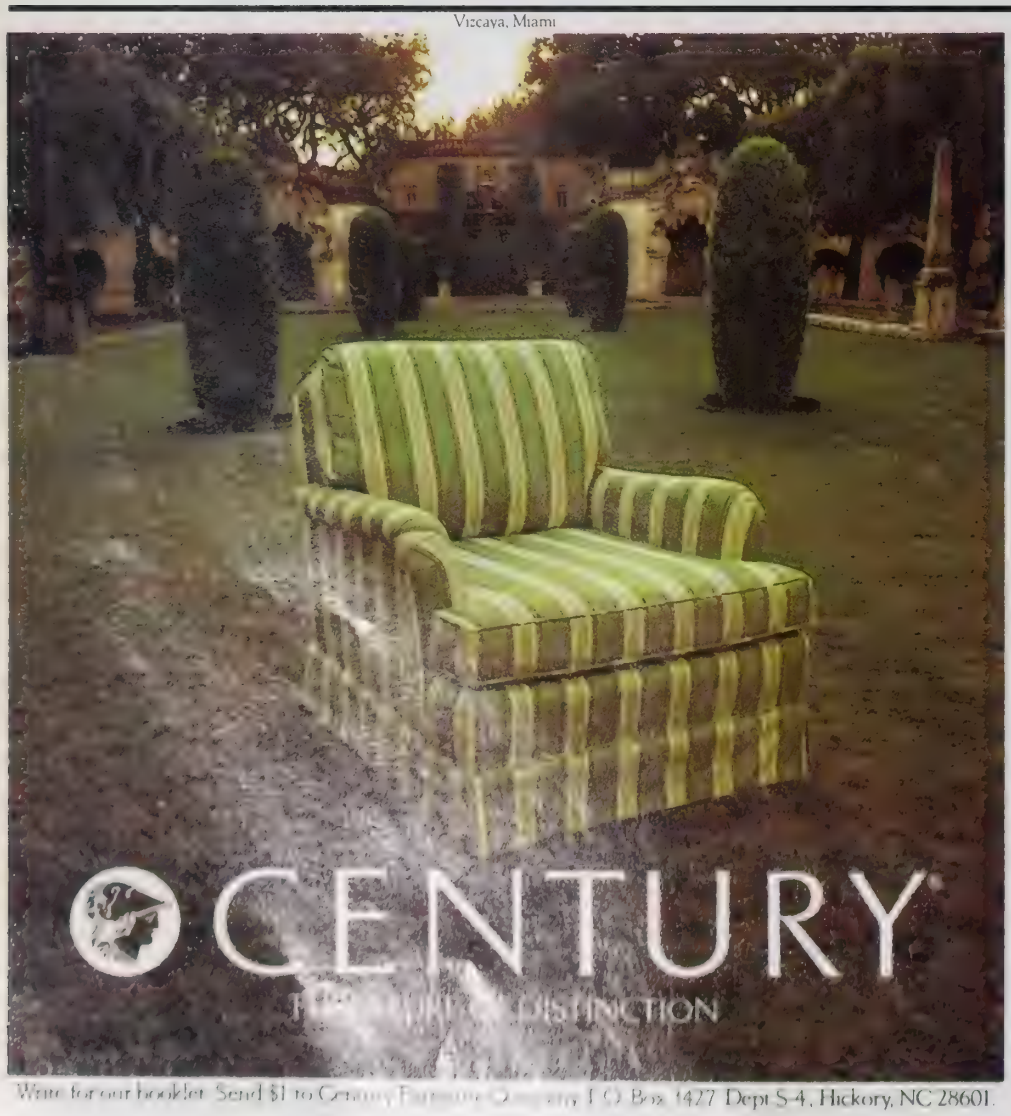
Do you sometimes include totally contemporary pieces?
Yes, indeed. I like Knoll's things very much. There are contemporary pieces that go very well with antiques. The period we're living in has its points.

Many people identify the Madeleine Castaing Style with English furniture or the Second Empire period, but you don't like everything in a room to be the same style or the same period.
But this identification stems not just from the styles of furniture, but from the *way* I choose the furniture, the *way* I arrange it.

And the colors—I've noticed that there's often blue in your interiors.
Yes, blue and green, and I like red, too, but blue is nature—the sky, and green—the trees, and the brown earth, it all harmonizes perfectly. I like all the colors.

And your lighting is so successful.
Because it's soft. I hate violent things—the lampshades always deflect the light and it's never blinding. And the lights must be so arranged that every part of the room has enough light, but soft light. I never light the chandeliers. I like them

Vizcaya, Miami



Write for our booklet. Send $1 to Century Furniture Company, P.O. Box 1427 Dept S-4, Hickory, NC 28601.

A GARDEN HOME

Therma Tru French Patio Doors make a grand entrance into the 80's.

The classic style of the French door has returned in a new, up-dated version for the eighties. The Therma Tru French Patio Door System adds energy efficiency and security without sacrificing design.

Therma Tru French Patio Door Systems include a patented adjustable strike plate and sturdy center jamb providing more security and impact resistance at the wood jamb.

The new energy saving Ford Sunglas looks clear, yet stops 24% of the sun's heat. It cuts the cost of air conditioning and helps reduce possible furniture and drapery fading.

In addition to the Therma Tru French doors used in the garden room and master's suite, a Therma Tru eight panel embossed door is used in the main entry.

Therma Tru Door Systems include: self-sealing magnetic weatherstripping and a perfect thermal break — a system designed to keep inside temperatures in and outside temperatures out. These features combined with the door's polyurethane core provide extremely high R Factors. All this adds up to the kind of thermal performance the eighties will demand.

The Therma Tru doors used in The Garden Home offer a classic look as up to date as tomorrow. For more information, contact Therma Tru Sales Corp., 4747 Holland Sylvania Road, Sylvania, Ohio 43560. Therma Tru products are manufactured at Colorado Springs, Colorado; Van Buren, Arkansas; and Toledo, Ohio.

THERMA-TRU™
The more door.

Georgia-Pacific Paneling and Siding—natural choices inside and out.

BRIDGEPORT® Lantern Pine, pine veneered plywood ¼"

The Georgia-Pacific paneling and siding featured in The Garden Home are uncanny replicas of nature's own handiwork.

Inside the home, designers selected Georgia-Pacific's Bridgeport® Lantern Pine paneling for the family room. Bridgeport's real pine face veneer looks like planked boards, creating a warm, informal mood. Used on the ceiling as well as walls, it has a striking effect. And its easy care finish will stand up to years of tough family wear.

Outside, there's Georgia-Pacific's Teton™ prefinished hardboard siding in the "Wheat" finish. Teton is wide-planked and deeply textured, just like real western woods. But it offers the economy and durability of prefinished hardboard. Rugged and beautiful, Teton hardboard siding is a sound alternative to conventional siding products.

Inside and out, Georgia-Pacific paneling and siding are natural choices.

G-P Teton hardboard siding and Bridgeport paneling are available at Georgia-Pacific Registered Dealers.

TETON™ Prefinished Hardboard Siding—Wheat

Georgia-Pacific

Portland, Oregon 97204

When Scholz went window shopping, they bought Crestline.

Scholz Homes has built a big reputation in manufacturing high-quality homes. So when they planned the beautiful 1980 Garden Home, they planned it around Crestline windows.

Featured here is the Crestline wood casement window. It's made of solid kiln-dried wood with two layers of glazing and generous weather-stripping to cut down on heating costs. Inside, beautiful nutmeg toner — a Crestline exclusive. Outside, two coats of durable latex paint.

The Crestline casement is just one of our 1436 energy-efficient models. Also among them are Crestclad® windows — wood windows with our famous "aluminum overcoat." It won't crack, chip, blister or rust.

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CRESTLINE

We build sunshine.

Kohler adds a bold look to baths and kitchen.

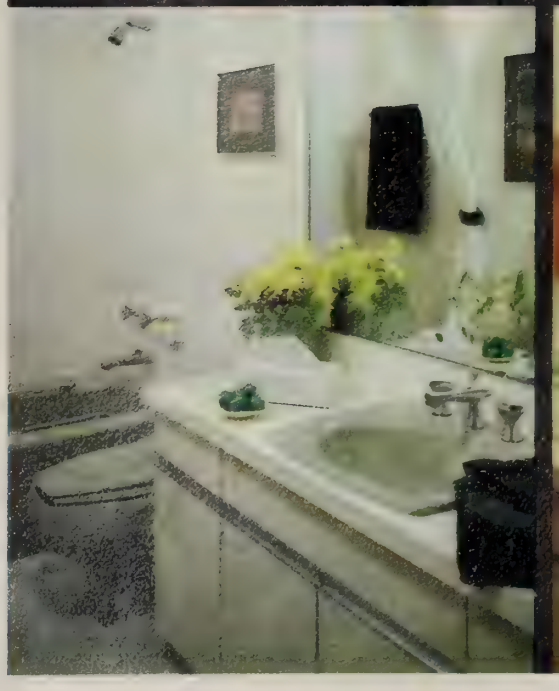
High-fashion colors and designs bring sophistication and excitement to the baths and kitchen of The Garden Home.

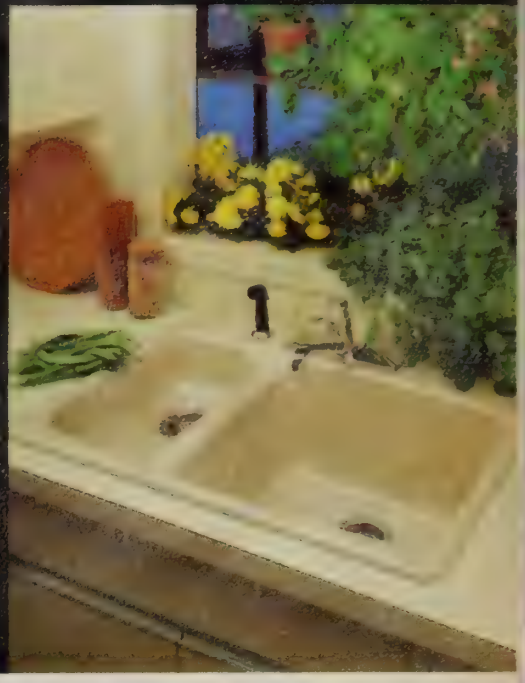
The master bath features Kohler's Swiss Chocolate color and luxurious Caribbean Whirlpool bath . . . a full six feet long and three feet wide for stretch-out, soaking comfort. The planners added Kohler's low-silhouette Rochelle toilet and "he and she" shampoo/grooming center lavatories. Faucets are from Kohler's avant-garde Bravura line in brushed chrome finish.

The second full bathroom is fashioned in Kohler's Aspen Green with low-profile Rochelle toilet, contemporary Castelle lavatory, and durable enameled cast iron Guardian bath. Again, faucets are Bravura in brushed chrome finish. All Kohler lavatory faucets and showerheads in The Garden Home offer Water-Guard flow control for water and energy savings.

You'll find Kohler in the kitchen, too. The family will appreciate the Lakefield sink in durable enameled cast iron, with convenient disposal basin, hard-wood cutting board, and Centura faucet with extra-long swing spout and washerless cartridge.

For more information, write: Kohler Co., Box TGH, Kohler, Wisconsin 53044.





THE BOLD LOOK OF KOHLER

Owens-Corning shingles — guaranteed to keep The Garden Home looking natural.

Designers of The Garden Home planned for a rainy day. And a snowy day. And a cold day. And a blistering hot one, too. The home's planners specified Owens-Corning Coventry shingles.

They're the extra heavy shingles with the three-dimensional look that give you extra protection and good looks, too. Coventry shingles carry Owens-Corning's 25 year limited warranty that assures you of long lasting protection.

The Bark Brown shingles are a natural complement to the casual, contemporary design of the home and its green spaces. A look guaranteed to stay looking good.

The Owens-Corning name has always meant quality building products. They are a logical choice to protect the owner's home investment.

For more information, contact P.V.R. Meeks, Owens-Corning Fiberglas, Fiberglas Tower, Toledo, Ohio 43659.

OWENS/CORNING FIBERGLAS

A lasting design starts with a garage door and opener with The "OVERHEAD DOOR" name.

Too often designers will spend untold hours refining the exterior design of a home and then specify the garage door as an afterthought. It doesn't make sense, especially when you consider the impact the garage door has on the total look of a home.

The designers selected Overhead Door Corporation's Cladwood 24 raised panel design garage door to complement the striking contemporary look of The Garden Home. And to add that extra touch of convenience and security, the designers also chose Overhead Door Corporation's Touch 'N Go™ automatic garage door opener system.

The Cladwood design garage door features panels constructed of exterior particle board bonded on both sides with a patented wood fiber overlay that creates a sturdier, longer lasting garage door. And Cladwood is completely weatherproof. It will not raise, check or split even in extreme temperatures.

The Touch 'N Go garage door opener system features the Model 100 opener and the exclusive Time Loc® dual-channel radio control. The Time Loc radio control provides the ultimate in security because it requires two different signals transmitted in timed sequence to open the door, hence making it virtually impossible to have the door accidentally opened by stray or other radio control signals.

For convenience, durability and security, the Cladwood garage door and the Touch 'N Go opener system create the ultimate system for this home . . . And for yours.

For more information, contact your local distributor of The "OVERHEAD DOOR" or contact Overhead Door Corporation, P.O. Box 222285, Dallas, Texas 75222.

THE "OVERHEAD DOOR" TRADE MARK
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A St. Charles Fashion Kitchen is the ultimate touch of functional elegance.

Since it is open and visible to living areas, the kitchen of The Garden Home must blend aesthetically with adjoining rooms.

St. Charles designers solved the problem beautifully in a tasteful blending of materials, finishes and decorator colors. Its custom design incorporates well-organized areas for food preparation, serving and cleanup.

St. Charles cabinetry is designed and engineered for beauty, durability and easy care. It offers a huge variety of convenience features and available built-ins that make the most efficient use of all available space.

This high-fashion St. Charles kitchen truly creates a lasting impression in The Garden Home. For more information, send coupon.

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St. Charles, IL 60174

Please mail me your colorful 44-page Kitchen Ideas Book featuring St. Charles Fashion Kitchens. I am enclosing $3.00. For book on Bellaire, a unique new concept in cabinetry, add $2.00.

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St Charles
FASHION KITCHENS

Whirlpool. Because the beauty is more than skin deep.

The people at Whirlpool believe a home appliance should do more than look beautiful. It should also have the features you need. And be built to last.

That's why the designers of The Garden Home specified Whirlpool appliances throughout the kitchen.

The built-in oven combination features the most advanced microwave oven Whirlpool makes. It's coupled with a big conventional oven that cleans itself.

The Whirlpool convertible cooktop is another smart convenience in this most modern kitchen. Plug-in modules let you convert a pair of burners into a griddle, a grille, a rotisserie or a cutting board.

Above the cooktop, a high-efficiency Whirlpool exhaust hood lets you barbeque right in your kitchen.

A Mark I Series side-by-side was the designers' choice in Whirlpool refrigerators. A tilt-ice dispenser, tempered-glass shelves and textured-steel doors that help hide fingerprints are just a few of its attractions.

For quick clean-ups, The Garden Home kitchen features an easy-loading Whirlpool dishwasher with a porcelain-enameled tub and a silverware basket in the door.

For more information see your Whirlpool Dealer or contact: Whirlpool Corporation, Benton Harbor, Michigan 49022.

Whirlpool
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BY RICHARD LANGER

How to grow house plants from seeds

There's a special triumph to be enjoyed when you start your plants from scratch

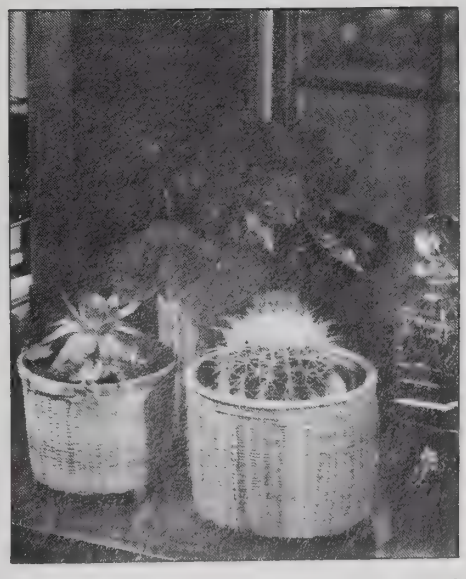
Collapsed with a cold some years ago, I let my wife make me a hot, freshly squeezed lemonade with honey. It also included some pits, and being too lazy to move, I disposed of these in a flowerpot on the window sill. Much to my surprise, a few months after their hot lemonade bath, the seeds sprouted into a small forest of young lemon trees.

Of course I knew that when you plant a seed, the greenery itself is not far behind—usually—but close to a decade of Manhattan living had relegated plants to the florist's in my experience. Lovely potted specimens these were, to be sure. But the natural seed-to-flower cycle had become lost. Its rediscovery gave me an immense amount of pleasure. I began to grow a side variety of indoor plants from seed, and it's something I recommend to all indoor gardeners.

Basically a seed consists of a plant embryo and enough stored food to get growth well under way. The whole affair is usually packaged in a protective covering known as the seed coat. A seed is semidessicated by the time it is separated from the fruit and the plant on which it is developed. It remains in a state of suspended animation, or quiescence, until moisture penetrates the seed coat and germination occurs.

The initial step in germination is absorption of water by the seed. Large seeds with hard seed coats, like *Strelitzia reginae*, the bird-of-paradise, may have to be scarified in order for the water to penetrate the interior of the seed.

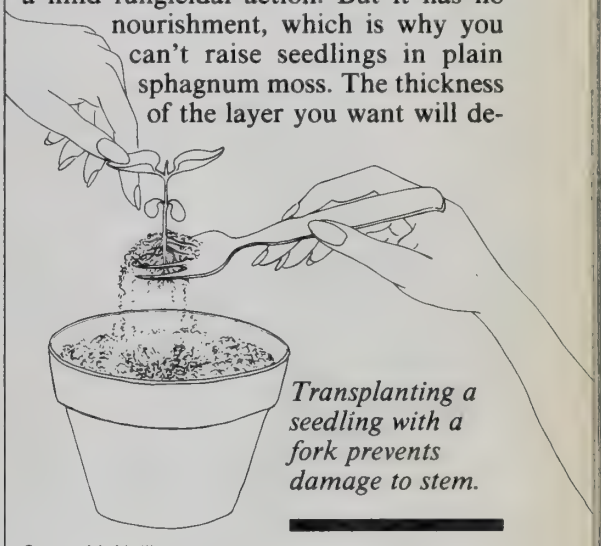
Scarification means cracking the whole outer coat gently, nicking it deeply—but without cutting the embryo, or a malformed plant will develop—or rubbing the seed against sandpaper or the edge of a file. The sanding method is the one usually chosen. In nature, such a rupture of the seed coat occurs only with great rarity. The seeds germinate without it, but several years of imbibition may be necessary. Too much water, on the other hand, will cause seed to rot.



Window-sill house plant collection at the Emanuel Shemins. Cactus seed germinates in 10-35 days in warm temperature.

To give seeds just the right amount of moisture for germination, you can provide them with a seed bed. One that supplys the proper moisture, and is relatively sterile as well, gives them a healthy start.

Fill a pot well-crocked for drainage with your standard potting mix. I use 1 part commercial potting soil, 1 part sphagnum, and 1 part sharp sand. Firm it down well. Then you can sprinkle ¼ inch to an inch of milled sphagnum moss on top. Besides being sterile, it has a mild fungicidal action. But it has no nourishment, which is why you can't raise seedlings in plain sphagnum moss. The thickness of the layer you want will depend on seed size. For dustlike seed, ¼ inch is plenty; for something like coffee seeds, themselves ¼ inch thick, ½ inch of sphagnum moss is more like it. And so on for larger seeds. On the other hand, I've sprouted numerous seeds without the sphagnum layer, using plain sterilized potting mix. It's all a matter of how careful you want to be. Finally, sprinkle your seeds on top. Don't use too many, and keep them spaced so that if they take there will still be some space between the seedlings.



Transplanting a seedling with a fork prevents damage to stem.

Susan McNeill

Set the whole pot, once sown, in a basin of water as deep as the soil level. Once it's thoroughly soaked, lift it out again. Then, as you let the pot drain, the receding tide will settle the seeds in cozily. Alternatively, you can water the soil profusely *before* you put down the milled sphagnum moss layer and the seed. Once it is thoroughly soaked, put down the moss and soak it by misting. Then sprinkle the seed and mist again. If you were to try to water the whole affair from the top, the moss layer would wash into the soil and you would lose your

Continued on next page

Germination time for common house-plant seeds

Perhaps the greatest problem with raising house plants from seed is patience. Patience is needed not so much in waiting for the plants to grow into maturity—that's a wonderful and inspiring time—but in waiting for the seeds to germinate, to actually start growing, showing there's really some life in those hard kernels. A sense of timing helps one overcome the when-is-it-finally-going-to-do-something blues. If you know a certain palm seed is going to take 6 months to show any action, you won't spend all that time fretting about nothing happening—or you'll grow things that gear into the green within days rather than months.

Here's a basic timing chart for some of the more commonly grown house-plant seeds.

	Days	Best germinating temperature
Abutilon (Flowering maple)	18-21	70-75°
Achimenes	15-20	70-80°
Begonia	14-21	75-80°
Cactus	10-35	75-85°
Columnea	15-20	70-80°
Crossandra	20-30	75-80°
Episcia	25-40	70-80°
Ficus (the rubber plants)	15-20	65-70°
Fuchsia	20-30	70-75°
Pelargonium (Geranium)	15-25	65-70°
Streptocarpus	20-40	75-80°

continued from preceding page

antiseptic layer, not to mention probably ending up with all the seeds in one spot.

What about covering the seeds? With dustlike seeds such as those of begonias or gesneriads, the answer is no. They don't need the protection to stay moist, and light will help them germinate. Once you get past pinhead-sized seeds, however, the answer is usually yes. A covering of dampened milled sphagnum moss will keep the seeds evenly moist and speed germination. The recommended average thickness of the covering is one equivalent to the diameter of the seed. This depth of moss will allow some light through, while at the same time maintaining even moisture.

Another way of retaining moisture—and if a seed dries out just once after its initial bath, chances are it will not germinate—is to cover the pot with plastic. You can either invert a plastic bag completely over the pot or cover the pot with Saran Wrap, holding the film in place with a rubber band around the rim of the pot and letting the excess drape down to cover most of the rest, thereby further reducing evaporation.

This is an excellent way to make a self-tending seed starter. Since it is a relatively closed system, there is little water loss, while at the same time air can circulate through the plastic sufficiently for the seeds. After germination takes place, remove the plastic in stages. When you do remove it completely, be sure to continue keeping the soil surface moist.

One additional hint: Droplets tend to collect on the inside of a plastic top. Then they fall down on the seeds, soaking them. Sometimes the seeds become more than moist this way; they become downright soggy, maybe even rotten. To avoid this chance occurrence, I tip the pots slightly during germination. By setting one edge down on a pencil, the whole pot is tipped enough so that the water, rather than dropping on the seeds, tends to run to the edge of the pot.

Plants do best with cool roots and warm top growth. Seedlings do best with exactly the opposite conditions. This is because they have an initial food supply stored in the cotyledons, or seed leaves, so they can live on their own fat for a while, concentrating their initial growth below ground rather than on food-producing leaves. Sound roots mean better plants. There are waterproof soil-heating cables available for indoor gardening. I use one in combination with a pebble tray. The submersible cable runs beneath the pebbles and water. The pots stand on top. The soil temperature is kept around 75 degrees constantly; at the same time the cable increases evaporation to such a degree that I don't need to bother covering the pots with plastic for most seeds.

To complete the growth chamber, I have a fluorescent light above and aluminum foil surrounding three sides. Pretty it's not, particularly with an assortment of various-sized seedlings growing helter-skelter. But I hide the eyesore in the study where no one else has to look at it, and personally I find it a real beauty. Air circulation is good so I never have a problem with damping off ("What, never?" Hardly ever). And the germinating seeds and the seedlings that follow them get plenty of light. The light not only accelerates germination of many seeds, but advances the development of the seedlings. For although initially you want root development at the expense of leafy expanses, at the same time you want the plants to remain full and compact. Seedlings pick up bad habits. One that has etiolated, or developed a lean and lanky bleached-out look from lack of light, will never become really lush and dense.

I've also used a radiator for heating seedlings' roots. It has advantages and disadvantages. The one close to the window yet out of the sun keeps the top of the plants cool, the roots warm. At night, however, my radiators go off and the base heat is lost. Actually the seedlings seem to thrive on this drop of night temperatures, as long as it is not too severe. But more than one winter cold snap has wreaked havoc with my seed-

Continued on page 84

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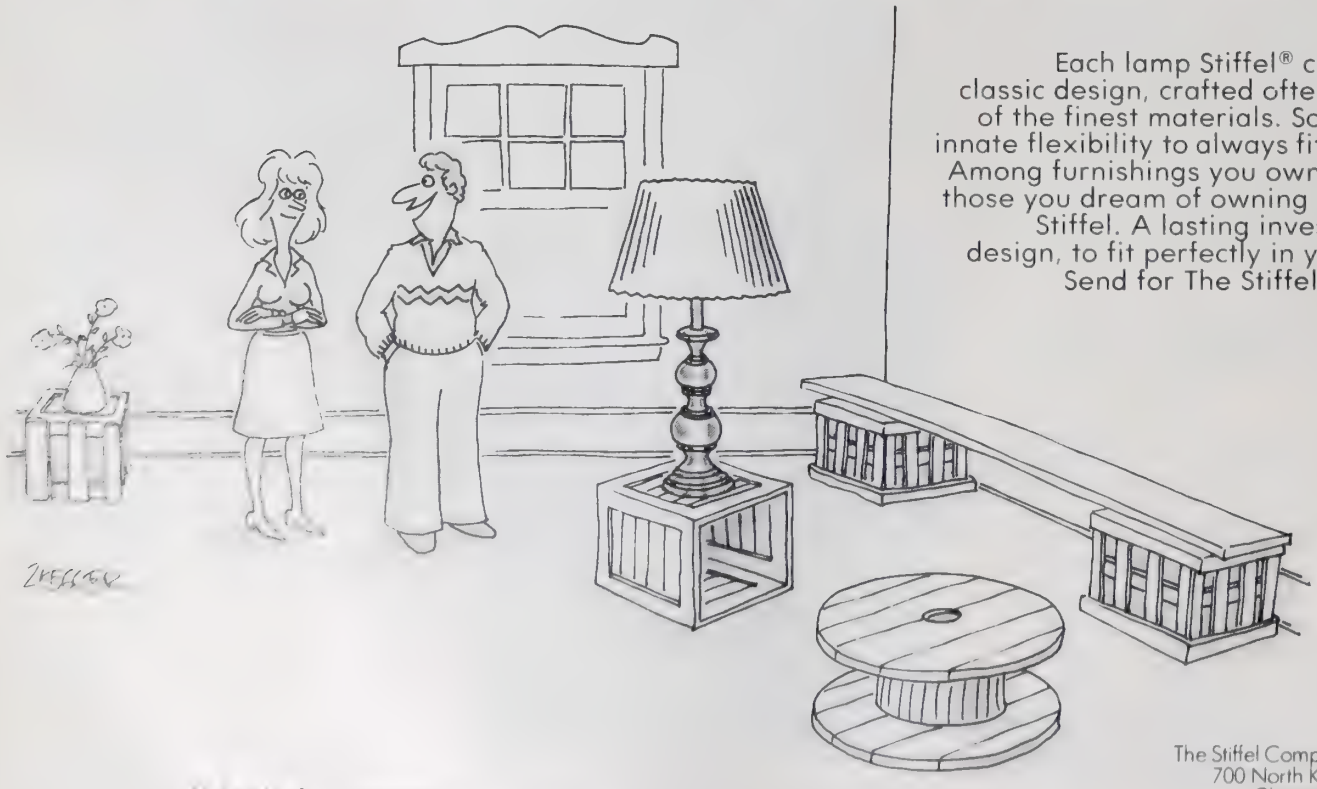

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continued from page 82

ling overflow on the radiator. Also, without adequate insulation, the soil can get too hot. Raising the seed tray off the radiator itself by using wooden 2 by 4s assures that the seedlings will not be given a hot foot. The upper heat limit for most seeds is a soil temperature of 86 to 108 degrees, depending on the species. Hardly any can tolerate a soil temperature above 113 degrees for more than a few hours. And you'd be surprised how hot a radiator cover can become.

Most house-plant seeds germinate in between 2 days and 2 months. Some palms may take 2 years—but that's a rarity. The variation within a single species can be quite amazing.

Anyhow, once the seed germinates, move it into good light if it isn't already there. But don't give it any direct sunlight until it has true leaves, as opposed to cotyledons, or seed leaves. Once the first couple of true leaves do develop, prepare to transplant. You can graduate the seedlings to either a community pot or small individual pots 2½ to 3 inches in size. Community pots save space, but except for very slow-growing species like orchids, in my opinion, since it means one less case of transplant shock, you're better off putting a seedling directly into its own pot.

A young seedling can be easily picked up between the tines of a fork. Hold the plant by a leaf to steady it. Never pick it up or steady it by the stem. Although the stalk is what one naturally reaches for, the leaf is actually stronger.

Poke a hole in the soil with a pencil and drop the seedling in. Then either tamp the soil down around the seedling or submerge the pot in a basin of water to soil level, as when transplanting mature plants. Both methods will fill the soil in around the roots, although dunking does the better job. What you want to avoid are air spaces around the roots that would let them dry out, the number-one cause of transplant failure. Needless to say, you will have provided the pot with excellent drainage, so the roots won't drown after their dunking.

Why grandma soaked her seeds

One of the more important recent discoveries in agriculture has been that encapsulating seeds in a hydroscopic gel coat speeds up their germination. Water is drawn from the soil to the sponge surrounding the seeds. Not only do the seeds then sprout faster, but a higher percentage of them do sprout. This confirms one of grandmother's tricks and expands its use, too.

Seeds are basically containerized germs of life in suspended animation. When conditions in the outside world are ripe for plant growth, the seeds launch their cargo merrily along their growing path. The state of rest is called dormancy. The state of renewed growth is called germination.

How a seed goes from one state to the other is the subject of immense quantities of research. Most of this research centers around the permeability of the seed coat. That is—how readily can substances from the outside soil penetrate into the seed itself to let it know it's time to get growing? Gases as well as liquids penetrate the seed coat, or protective shield. Other external and internal factors affect germination, including hormones, temperature, and, in some cases, light. But the key to it all is moisture.

That's why grandmother used to soak her parsley seeds overnight in a glass of cosseting tepid water placed by the side of the old kitchen wood stove. Parsley seeds are notoriously poor germinators, slow and unpredictable. Yet by soaking them overnight, or even for 2 days, things went considerably more smoothly. A larger number of seeds sprouted, and they sprouted much more quickly.

By extension, this principle works with all plant seeds, although the dust-like varieties of some tropical species may be rather difficult to bathe because of their size. Still, when possible, take a tip from grandma—and the most recent agricultural research: Soak your seeds in tepid water overnight before planting. You'll end up with more plants off to a healthier start than you will by using the old dry seed-planting method. ■

We live on an island with no repairman, so a Maytag Washer is a must for me, writes Mrs. Barclay.

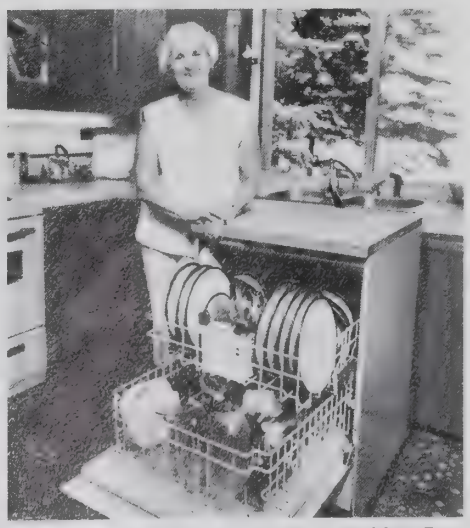
I loved my old Maytag Washer so much, I also got a Maytag Dryer and a Maytag Dishwasher.

It's quite a hassle and expense getting a repairman to come from the mainland to Texada Island, British Columbia, states Mrs. Florence Barclay.

That's why I wouldn't have anything but a Maytag Washer, she continues. She knows they're built to last longer and save money with fewer repair bills, because her first one went 10 years with just one repair. "A close friend now uses our 10-year-old Maytag Washer and it continues to do good service," she writes.

Florence and Harry Barclay

Last year Mrs. Barclay needed to replace her old dryer, so she decided to go all the way — new Maytag Dryer and a new Maytag Washer, too.



I'm fussy about clean dishes, says Mrs. Barclay, and my Maytag Dishwasher does such a super job.

All told, she now has three Maytags—a washer, a dryer, and a dishwasher. They are everything I expected in a Maytag and a joy to use, she states.

Naturally, we don't say all Maytag Washers will equal that record. But long life with few repairs is what we try to build into every Maytag product. See our washers, dryers, dishwashers, and disposers.

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BY NICOLE LAMOTTE

Read the label—save energy!

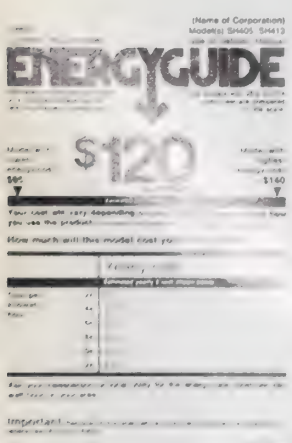
New mandatory labeling lets you compare the amounts of energy consumed by major household appliances

Before you settle on a new major appliance, look for the 5-by-7-inch, school-bus-yellow Energyguide label. It's there to help you know which model is the best energy conserver, which means the best buy in the long run.

As part of the 1978 National Energy Conservation Policy, mandated by the 1975 Energy Policy and Conservation Act, the Federal Trade Commission is implementing a law requiring certain major household appliances to be labeled to display the appliance's energy cost or energy efficiency.

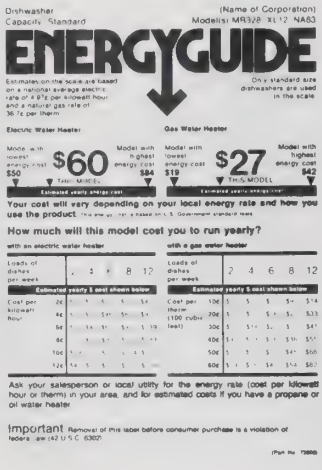
The appliances currently included are water heaters and furnaces—the heaviest energy consumers by far—and freezers, refrigerator/freezers, room air conditioners, dishwashers, and clothes washers. Central air conditioners are expected to be added to the list later. Clothes dryers, television sets, humidifiers, and dehumidifiers are considered generally energy efficient, so will not be labeled. And small appliances like toasters, food processors, and mixers are not considered consumptive enough to warrant labels. The law goes into effect May 19, 1980.

The labels are comparative guides. Usually, the model with the lower energy cost (or higher energy efficiency) will have a higher purchase price. Says Jean Pruitt of the Department of Energy, "Intermittent ignition devices, better motors and compressors, different kinds of insulation—and more of it—make manufacturing more expensive. But after the initial investment, the energy-cost savings will be maximum." According to the Department of Energy, the average life expectancy of major appliances can be from 10 to 20 years.



There are three kinds of labels: Energy Cost, Energy Efficiency, and Generic.

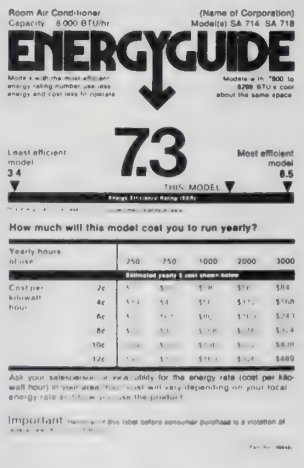
On the *energy cost* label, the cross-country average cost for running the appliance for one year is in large numbers in the center of the label. On the left, in smaller numbers, is the cost for a year of running the model with the lowest energy cost. On the right, also in small numbers, is the cost of running the model with the highest energy cost. Below these price comparisons is a chart to show you more specifically how much you will pay a year to run the appliance in your area of the country. You're given a range of energy costs (per kilowatt hour) and an estimated year's operating cost at that rate. The person selling you the appliance (or the utility company) should be able to tell you what the rate per kilowatt hour is in your area.



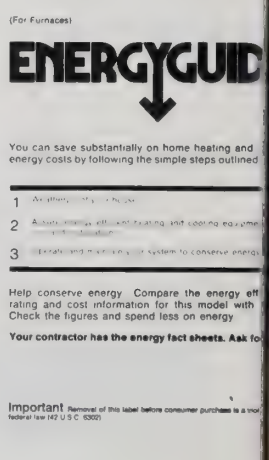
Energy cost labels will be found on refrigerators, refrigerator/freezers, and water heaters. Dishwashers and clothes washers will bear a variation of that label: **Their labels will indicate costs of running the appliance with an electric water heater and with a gas water heater.**

Because the energy usage of room air conditioners is dependent on climate-sensitivity, the energy cost of room air conditioners can vary widely. In their case, *energy efficiency* labels are more accurate and are handier for the consumer.

On the energy efficiency label, the appliance labeled is given an energy efficiency rating, printed in large numbers in the center of the label. The higher the number, the better the rating. On the left, in smaller numbers, is the rating for the least efficient model. On the right is the rating for the most efficient model. For specific costs, below the ratings is a chart giving a range of costs per kilowatt hour, then choices of hours-per-year usage, with average costs for the year corresponding to both utility rate and hours-per-year usage computed below.



With furnaces, which you order from contractors, there are still ways to get the most energy efficient model. Though **the appliance itself will bear only a *generic* label with general fuel-conserving tips, the presence of the label indicates that the contractor has the specific information you need—on Energy Fact sheets.** With this information, you and your contractor can compare models to get the one that can save you the most in fuel bills. (When central air conditioners become subject to the labeling law, they will also bear the generic label.)



With the new labeling, consumers will have access to information they can use to reduce the nation's energy consumption. Households use 20 percent of our total energy, and though that's not as much as industry uses (over 40 percent), Andrew Wolf, attorney for the Federal Trade Commission overseeing the labeling program, feels, "It's a small step toward what we hope will be a large energy-saving effort. We're not trying to cut back on our standard of living, we're just giving consumers the chance to do their bit. After all, the average house today has 60 appliances."

The law will affect the home appliance industry, too. For several years, manufacturers have been competing to make room air conditioners that consume less energy. Now the competition will intensify in the other appliances included in the law.

"It does cost more to make certain models more energy-efficient," says Jean Hopwood of General Electric. "And

Continued on page 222

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BY SUZANNE MURPHY

The Ys have it!

The YMCA and YWCA have excellent health programs for everyone from 8 to 80, and they are among the best bargains in town

As this country's foremost proponents of physical fitness, the YMCA (Young Men's Christian Association) and YWCA (Young Women's Christian Association) have been pioneers in training, testing, and education. In just over a hundred years the Ys have come from their first formal physical education programs, where men hoisted cannonballs for exercise and women learned to swim, to the sophisticated fitness-testing techniques devised in the last decade. Today the YMCA and the YWCA are the largest owners and operators of pools, gymnasiums, and exercise facilities in the world. In the United States alone they serve more than 14 million members through 7,000 facilities and reach countless others who participate in their programs through collaborative projects with private corporations, public schools, and community organizations. And, what must seem a miracle in today's economy, the Ys have been able to deliver such training at minimal costs to their members.

"Many of the approaches to health and vitality you see today and that are considered to be new to a lot of people are actually old hat to the YMCA," says C. Carson Conrad, Executive Director of the President's Council on Physical Fitness and Sports and a former Y volunteer. "In fact, the Y received the first Distinguished Service Award the Council ever gave for leadership in the area of adult physical training. It was involved in very sophisticated programs before universities, community education departments, hospitals, or even preventive programs of the Public Health Department were begun. In the 1950s, for example, the Y had people running when no one else even knew what jogging was. It was one of the early leaders in promoting lifelong programs as a means of avoiding disease and enhancing health."

"Ours is a truly comprehensive approach to health and well-being," says Carla Sayres Tabourne, Program Consultant for Health, Physical Education and Recreation and supervisor of the YWCA's new "Encore" program, a rehabilitative post-mastectomy program. "In 1879 we were teaching women how to type. Today we have plans and programs that meet the needs of women in all their varieties and capacities. For the woman who works, we have day-care centers as well as wholesome recreation facilities. We have support groups such as Encore and we have career-planning, too."

The lifestyle approach to disease prevention and control was the underlying theme of the YMCA's 1976 National Conference on Cardiovascular Health held in Chicago. Out of that conference came a comprehensive health and fitness plan geared to people of all ages and levels of society which aimed at decreasing the incidence of cardiovascular disease. Lloyd Arnold, the Y's National Director of Health and Physical Education, says that the goal was to devise programs that would help people change their poor living habits in an effort to achieve a high level of good health and to help introduce feelings of enthusiasm, well-being, and energy to everyone. Through a combination of exercise, stress management, and a nutrition modification program, the Y hopes to help people develop tools to maximize the quality of one's life. The plans are formulated not only to help you achieve a disease-free body, but to point you toward self-motivation and responsibility, while your body is trained and conditioned to perform at its top capacity.

Continued on page 92

continued from page 91

This emphasis on self-reliance in health care is an important part of the Y's program. Says the Y's Dr. Clayton Meyers, "Vast amounts of money poured into the medical system may have helped conquer infectious diseases, but that solution hasn't made much of a dent where degenerative diseases are concerned. Nor is it likely to in future. If changes are to be made in the general health of all Americans, those changes will have to be made by each individual. And that is done by improving health habits—leaving destructive patterns for health-enhancing ones instead."

Outlined below are the eight programs for the '80s developed by the YMCA. Four are preventive and four are recuperative.

1. YMCA Feelin' Good is designed for children from kindergarten through ninth grade. It combines aerobic exercise with education activities to help children learn better ways of staying healthy. (A recent pilot program conducted in several New York City schools revealed that by the age of 13 a third of the children had already developed destructive habits that indicated a risk factor for heart disease was already established.)

2. The Y's Way to Physical Fitness is targeted to healthy people who, with their doctor's approval, would like to increase their physical activity. Participants in this program get an assessment from a Y specialist, who measures cardiovascular responses, body fat proportions, strength, flexibility, and stamina. Based on the test results, an individualized exercise sequence is devised. Members also get periodic reevaluations which chart progress and encourage motivation.

Strategies for weight control are taught once the personal eating dynamics are uncovered

3. YMCActivetics serve as an introduction to fitness habits for people of every age. The program specializes in exercise that requires no machinery or equipment. The general information in the course includes discussion of risk factors and degenerative diseases and establishes lifelong good-health habits.

4. The Y's Way to Heart Health is specifically for people over 35 who have been inactive. The program requires a thorough physical examination from which a health-risk profile is developed and then used as the basis for counseling. This plan also includes a specific exercise program, with regular reevaluations devised for each individual.

5. The Y's Way to a Healthy Back is a recuperative plan and was devised by leading back expert Dr. Hans Kraus. It is believed that some 7 million Americans suffer from recurring, nonorganically-caused back pain. The first class lasts only 11 minutes, but each participant eventually progresses to a full 45-minute routine whose goal is increasing flexibility and abdominal muscle strength. A unique part of Dr. Kraus's program is that it also includes relaxation techniques.

6. The Y's Way to Slim Living offers weight control through nutritional education, behavior modification, and body conditioning. Strategies for weight control are taught once the personal eating dynamics are uncovered and accepted.

7. YMCArdiac Therapy was developed with doctors to help cardiac patients. Doctors refer their patients to the program in which the Y conducts medically supervised tests to obtain an evaluation of the patient's heart condition. Exercise is also supervised, and patients are taught how to change their living habits to cope with their problem until rehabilitation is further along.

8. YMCA Risk Factor Education teaches the effects of eating and living habits on the human system. Sources of risk are believed to be both hereditary and environmental, and strategies for dealing with both comprise the classes.

The National Board of YWCAs has outlined its goals for health and fitness in the '80s, too. They include preventive health programs with special emphasis on early detection and treatment of diseases endemic to women. There are classes on diet and nutrition and a wide range of physical fitness and education programs such as aerobics, back care and posture, and corrective and conditioning movement classes. The YWCA also has what it calls "Special Programs" for women and girls with acute or chronic physical, emotional, or psychological disabilities. Leisure counseling helps girls and women plan for the stages of their lives, and classes include pre- and post-retirement, parenting, programs for women going back to work and single parenting.

Since Ys are autonomous, not every facility in the country participates to the same degree in these physical fitness and health education programs. If you would like more information, contact your local YMCA, or write the National Council of Young Men's Christian Associations of the United States, 291 Broadway, New York, N.Y. 10017; National Board YWCA, 600 Lexington Ave., New York, N.Y. 10022. ■

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Each spring, across the country, a number of historic houses and mansions are refurbished, decorated by outstanding designers, and opened to the public to benefit a local charity. Here are some Decorator Showhouses you can visit.

ALABAMA
Birmingham
Junior Women's & Women's Committee of the Birmingham Symphony Association.
The Jemison-McCollough House
16 Glen Iris Park
Birmingham, Ala. 35205
April 25–May 18

CALIFORNIA
San Diego
San Diego Historical Society; American Society of Interior Designers Past to Present on Sunset Cliffs.
The John P. Mills Cliff Mansion
1203 Sunset Cliffs Blvd.
San Diego, Calif. 92107
April 12–April 18 (open to group tours)
April 19–May 11 (open to public)

San Francisco
The San Francisco University High School.
Third Decorators' Showcase
2160 Green St.
San Francisco, Calif. 94129
April 25–May 25

South Pasadena
The Pasadena Junior Philharmonic Committee.
Showcase of Interior Design
210 Chelton Way
South Pasadena, Calif. 91030
April 14–April 19 (open for group tours)
April 20–May 11 (open to the public)

Continued on next page

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'The Works' is unique because it is made up of *only* fine, named Daffodil varieties of recent origin, not a seedling in the lot. Each of these top-grade, double-nosed bulbs will bloom the first year. 'The Works' has a long season of bloom because it contains all classes of Daffodils, except miniatures, and is carefully balanced among Trumpets, which have yellow, golden, bi-color, or pink blossoms; Flatcups in great variety, with flaring petals and heavily-ruffled flat cups; members of the Poetaz group, some of them doubles; Cyclamineus Hybrids having shorter stems holding smaller flowers; and Triandrus Hybrids with clusters of bloom on each stalk. This is a delightfully informal way to naturalize Daffodils and it may amaze you to see so many kinds you've never seen in bloom — unless you've been to Holland in the spring.

Daffodils, as you may know, are *nearly indestructible* perennials — they seem to last as long as Peonies, which is a lifetime. They bloom sensationally the first spring, and grow more beautiful each year thereafter. A planting of Daffodils naturalized here 45 years ago still blooms gloriously, but is now more extensive, for the bulbs are great self-propagators. Pick blooms for indoor bouquets. What more could one ask?

You wouldn't expect a mixture of named-variety Daffodils, double-nosed or top-grade, to sell for less than $43.00 a hundred, and it doesn't. But $43.00 is *less* than the price of other good mixtures. 'The Works' is sold only by the 100 (for 500 to one address deduct 5%; for 1,000 deduct 10%). For prepaid handling and delivery please add 10% east of the Mississippi; 15% for Gulf states and west of The River (Connecticut residents add sales tax). Bulbs will be shipped in time for fall planting.

Order 'The Works' from this advertisement. With it you will receive, without charge, the 1980 Fall Edition of *The Garden Book* and a year's subscription to our nationally-known Gardening Publications Service in 1981. This consists of the Spring and Fall editions of *The Garden Book*, our catalogue which is *really* a garden book, and three editions of NOTES, a valuable reminder publication. The Service is sold by subscription for $5.00 a year, but is sent without charge to active customers.

Please order now. 'The Works' sells out every year and cannot be re-shipped from Holland. — A. Pettingill

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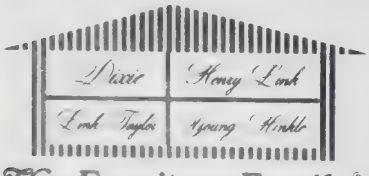

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DECORATOR SHOWHOUSES

continued from preceding page

COLORADO
Denver
The Junior Symphony Guild in cooperation with The Denver Symphony Guild.
The Richthofen Castle
7020 East 12th Ave.
Denver, Colo. 80220
April 19–May 18

CONNECTICUT
Fairfield
The Junior League of Greater Bridgeport Inc.
The Burr Homestead
739 Old Post Road
Fairfield, Conn. 06430
May 4–May 26

FLORIDA
Tampa
The Junior League of Tampa, Inc.
Decorators' Showhouse III
131 West David Blvd.
Tampa, Fla. 33606
April 19–May 11

ILLINOIS
Bannockburn (Northern Chicago)
Women's American ORT in conjunction with The Illinois Chapter of The A.S.I.D.
Design House III
1640 Wilmot Road
Bannockburn, Ill. 60015
May 11–June 1

INDIANA
Indianapolis
St. Margaret's Hospital Guild.
Decorators' Show House
4160 North Washington Blvd.
Indianapolis, Ind. 46205
April 27–May 11

MAINE
Portland
Portland Symphony Orchestra.
Showhouse '80
735 Stevens Ave.
Portland, Maine 04103
June 4–June 24

MARYLAND
Chevy Chase
The American Cancer Society, Montgomery County Unit, and The Vincent T. Lombardi Cancer Research Center of Georgetown University.
A.S.I.D. Boxwood House 1980
3815 Bradley Lane
Chevy Chase, Md. 20015
April 21–May 18

MASSACHUSETTS
Boston
The Junior League of Boston, Inc.
Decorators' Show House
175 Milton St.
Milton, Mass. 02186
April 28–May 18

MICHIGAN
Battle Creek
Friends of The Orchestra.
Corlette Mansion
90 Garrison House
Battle Creek, Mich. 49017
May 17–May 28

MISSOURI
Kansas City
Junior Women's Philharmonic Association.
Designers' Showhouse
5300 Belleview
Kansas City, Mo. 64112
April 20–May 11

NEW JERSEY
Convent Station
The Women's Association, Morristown Memorial Hospital.
Convent Station, N.J. 07961
May 3–May 31

NEW YORK
New York City
Kips Bay Boys' Club.
Decorators' Show House '80
13 East 66th St.
New York, N.Y. 10021
April 30–May 18

White Plains
YWCA of White Plains and Central Westchester.
YWCA Designers' Showhouse '80
Thirlsmere Estate
938 North St.
White Plains, N.Y. 10605
April 29–June 1

LONG ISLAND
Woodbury
Nassau County Women's Division of The Salvation Army.
Ailsa Mellon Bruce Estate-Designers' Showcase '80
Woodlands
Woodbury, L.I., N.Y. 11797
April 28–June 1

OKLAHOMA
Oklahoma City
Women's Committee of The Oklahoma Symphony Orchestra.
Decorators' Show House
3605 North McKinley St.
Oklahoma City, Okla. 73125
April 27–May 18

PENNSYLVANIA
Philadelphia
The Vassar Club.
"Portledge"
South Roberts Road
Bryn Mawr, Pa. 19010
April 28–May 18 ■

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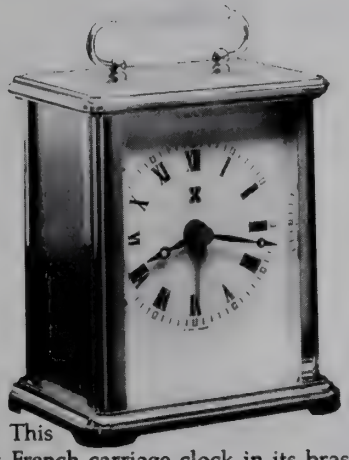
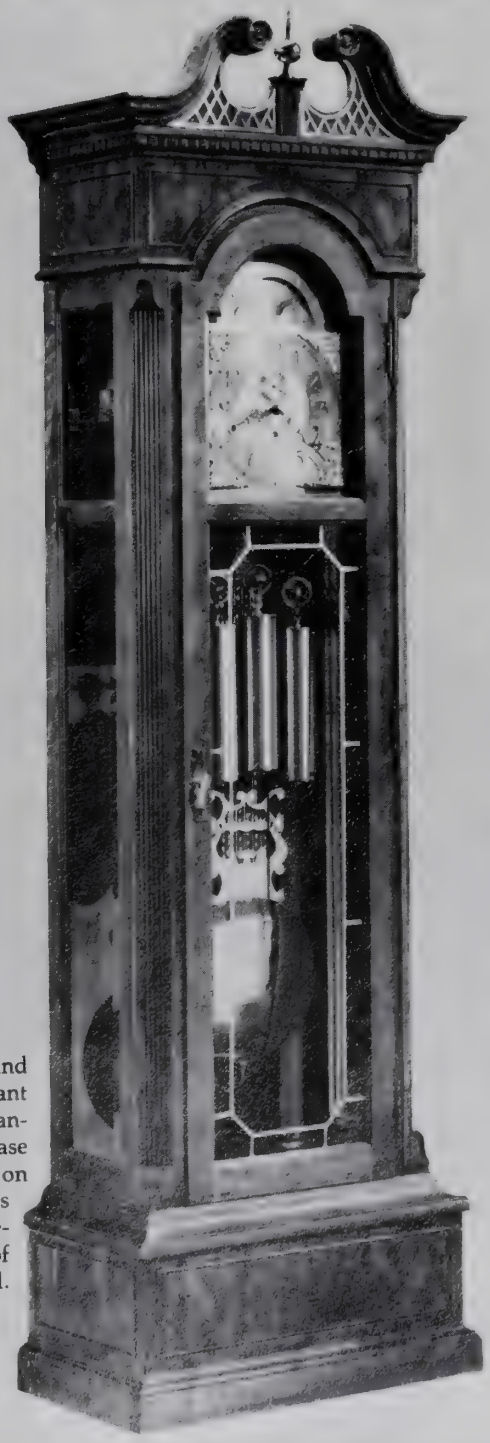
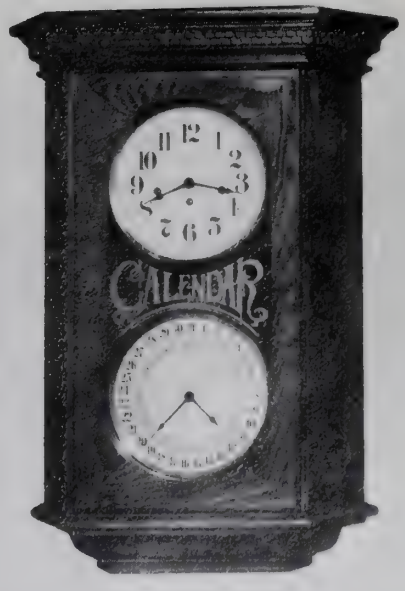


712-548 The Princess alarm clock. This rich looking French carriage clock in its brass finished case, might have been carried by royalty. But, its highly accurate quartz movement is strictly 20th century.



610-196 Embassy. The brass fretwork and finial give this clock a unique and elegant look. So does the use of 24k gold on spandrels and the numerals of the moon phase dial. You'll find the gleam of brass again on grill work, weights and pendulum. There's even a looking glass view of the cable-driven movement. It plays the chimes of Westminster, Whitington and St. Michael.

612-545 Marlboro. If this puts you in mind of calendar clocks made in 1853—it's no accident. Top dial tells time. Bottom dial shows the day of the month. An 8-day Westminster chime movement is concealed by the oak case. Patent pending.



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SIGHTS, SOUNDS & SPACE-AGE HOUSEKEEPING

BY DAVID LACHENBRUCH

Fun and games—computer style

For children, for adults, for fun, for learning, for play alone or with others—the mind-boggling new computer games

Three of the fascinating electronic marvels now available for learning and for just plain fun: The Imagination Machine, top, The Mathemagician, right, and the Zodia Astrology Computer, far right.

A couple of decades ago, when a computer was a multimillion-dollar oracle enshrined at MIT, NASA, or the Pentagon, it would have been unthinkable that a miniaturized version could be the heart and brain of a pocket-sized $10 toy. Or that in a single year more than 10,000,000 mini-computers would be snapped up by the general public.

But that's exactly what happened in 1979. Computerized toys and games and other brainy diversions became the hottest-selling new "leisure-market" products for both children and adults. Nobody really knows precisely how many computerized toys were sold in 1979, or how many more could have been sold if the supply of tiny "brains" hadn't given out. But even in the normally-slow period after Christmas, the semiconductor industry was working overtime to meet a demand which shows no sign of slackening.

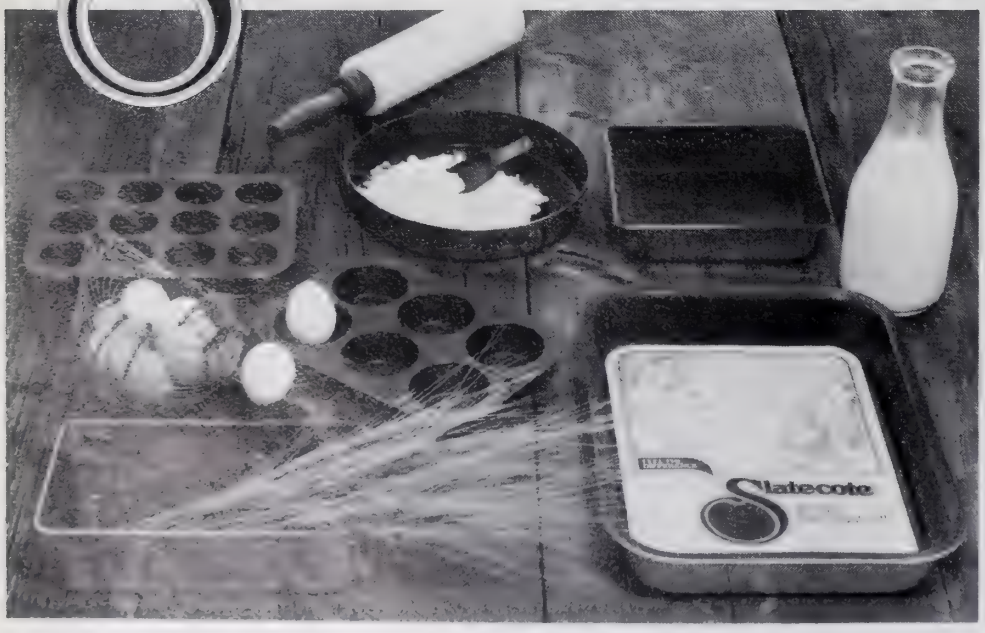
The simplest pocket baseball game and the most complex personal computer have one basic component in common—the microprocessor chip. Also known simply as a microprocessor, this is a tiny piece of silicone or other semiconductor material which is capable of storing data, remembering, and making simple decisions. Unfortunately for the children, the same and similar chips are also in strong demand for computerized control circuits in automobiles, appliances, TV sets, hi-fi equipment, and many other consumer products, and new uses are continually being found.

Today's hottest electronic-game category is the so-called "hand-held"—to distinguish them from the ones that play through your TV screen—and there are versions for every age level from preschool to adult. The first of these games were offsprings of the pocket calculator—simple mathematical quizzes. The next generation was inspired by the video game, but substituted a tiny screen of light-emitting diodes (LEDs) for the TV screen. These are among today's most popular games.

Like the first video games, many of the hand-helds have a sports theme, with baseball, football, and basketball dominating. Although games differ widely in features, rules, and scoring, they all have

Continued on page 101

When you buy SilverStone, buy Slatecote bakeware to match...



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Merit Menthol	8	0.6

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Salem Lights	11	0.8
Vantage	11	0.8
Vantage Menthol	11	0.8
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a	472	Nagasaki	23662
oka	92	Nagoya	52
	582	Niigata	252
amatsu	534	Nishinomiya	798
ji	792	Okayama	862
hima	822	Osaka	6
Tomioka	2402	Sakai (Osaka)	722
shima	992	Sapporo	11
zawa	762	Sendai (Miyagi)	222
saki Buzen	9477	Shizukawa	22646
saki	44	Tokyo	3
yushu	93	Toyonaka (Osaka)	6
	78	Toyonaka (Sanuki)	87562
moto	963	Yokohama	45
hiki	864	Yokosuka	562

Bell System

SIGHTS, SOUNDS

continued from page 98

in common a visual playing field, sound effects, and computerized scoreboards. Some, such as *Mattel Electronics' Baseball,* can be adjusted to several skill levels, to satisfy older as well as younger players. Most sporting games are suitable for solitaire playing—the player vs. the computer—or for two competing "teams." The baseball games generally use moving illuminated blips to represent the ball, which may be pitched as a curve, slider, knuckleball, fastball, etc. The player pushes a button to manipulate the "bat," and appropriate sound effects accompany the various maneuvers in the game, while lights turn on at the bases to indicate where the runners are.

Because it's impractical to reduce a 100-yard field to pocket size, the football games show only a part of the playing field—usually 9 or 10 "yards." In *Coleco's Head To Head Football,* for example, a single player can operate the offensive team against the computer's defense, or a second player can take the defensive role. Players can run, pass, punt, or kick field goals, while the defense blocks, tackles, intercepts, passes, and recovers fumbles. The scoreboard is a miniaturized version of the real thing, showing the score, down, yard line, yards to go. Other popular sport games simulate basketball, soccer, auto racing, golf, and bowling.

Computer originals

There's a fascinating category of games which don't imitate any other type of competition, athletic or otherwise. Instead, they do things which are solely made possible by the microprocessor. *Ideal's Maniac* provides four different games for up to four players and challenges them to match random electronic patterns or musical tones. *Milton Bradley's Simon,* also for one to four players, lets participants match sequences of musical notes, in four different levels of difficulty. *Parker Brothers' Merlin* plays six different games in which the computer matches skills with a single player. Although Merlin includes conventional games such as tick-tack-toe and a simplified version of blackjack, the most fascinating is called Music Machine, in which the player teaches the machine to play tunes of up to 48 notes. *Bradley's Comp IV* is a numbers game, which challenges the player to guess numbers it has selected at random. There are also target and space-war games, detective games, battleship games—you name it, somebody has it.

Having fun while learning

The educational game was the first category of hand-held, and still represents a major category. Some of these games are ideal for getting young children interested in arithmetic or spelling, and helping them develop skills while having fun at the same time. The simplest is a rudimentary calculator, such as *National Semiconductor's Quiz Kid,* which merely tells the player whether the answer to a problem is right or wrong. Others are more sophisticated, supplying the problems, telling the answer if the one given is wrong (some offer two guesses), and keeping score on correct and incorrect answers. *APF's Mathemagician* gives the player a choice of arithmetic-based games by means of overlays on the keyboard and display, including Walk the Plank, Football, and Lunar Lander. In the last game, the player attempts to land his rocketship safely on the moon without using up all his fuel. *Coleco's Quiz Wiz* is a multiple-choice game which accepts special cartridges, each with answers to 1,001 questions (posed in an accompanying book) on such subjects as trivia, movies, people, sports, science. The player punches keys corresponding to the answer and is told whether he's right or wrong.

One of the most fascinating learning games is *Texas Instruments' Speak & Spell*—which actually talks. Using a "speech synthesizer" chip, this $50 game pronounces a word and the participant spells it on an alphabetical keyboard. As each letter is pressed, the letter appears on a screen and the synthetic voice says the letter. When the complete word is spelled out on the screen, the voice gives encouragement for getting it right, or tells the player to try again if it's wrong. Speak & Spell has a vocabulary of more than 200 spelling words, in addition to its conversational comments. Extra words come in an optional cartridge.

Games for grown-ups

Many of these games are aimed primarily at children, although some may be enjoyable to adults. There are, however, other categories of portable battery-operated games especially for grown-ups. These vary widely, but perhaps the most sophisticated are the computerized chess games—*Fidelity's Chess Challenger* and *Chafitz's Boris*—ranging from around $100 to $300. These permit the participant to play against a computer programmed by chess experts. A deluxe Chess Challenger includes a voice synthesizer circuit which announces the plays. There are also similar backgammon, bridge, and checker games.

More than 32,000,000 Americans look up their horoscopes every day, so naturally there are now computers to help them do it. The biggest seller is *Coleco's Zodiac Astrology Computer.* By consulting the accompanying manual, the user gets a readout of the planetary positions at the time of her birth and a list of personality characteristics, and can chart horoscopes for friends as well, by knowing their birth places and dates. A "daily

Continued on next page

continued from preceding page

preview" mode gives a personal reading for any day—past, present, or future. In the "advice mode," Zodiac answers questions—"Should I ask for a raise tomorrow?" "Should I stay in bed today?" All this is accompanied by flashing lights and space-age beeps.

Ici on parle just about everything: Language translators

Another type of portable computer has captured the public imagination—the language translator or personal information computer. The first two were introduced almost simultaneously by *Lexicon* and *Craig*, both at list prices of about $200. There are some differences, but they were both originally designed to provide quick, easy translations of common foreign words and phrases. Each has a number and letter keyboard and a wide display space to show words and sentences. The user taps in a word or expression in one language, and its equivalent in a second language appears on the screen. The languages may be changed by inserting different modules or cartridges. These have the largest memory capacity of any hand-held devices and can store up to 1,500 words or phrases.

Of course, if you don't have a basic grasp of pronunciation, you still have a problem even with your translator at the ready. Texas Instruments hopes to solve this problem with a new hand-held which combines the translator with a speech synthesizer similar to the one used in Speak & Spell. This one translates 1,000 words and has an audible vocabulary of 500 words.

The translators are useful beyond mere translation. Since you can type words and numbers into them and read words and numbers and phrases on their displays, they actually can serve as personal pocket encyclopedias. New cartridges are being developed to convert these little wise guys into authorities on all kinds of subjects. They can tell you how to mix any drink, make a pâté; they can help with school or office work, store up important dates, give you any or all of the IRS's current income tax rules, correct your grammar, and so on. Soon special cartridges will let you "write" your own programs into them, so they can be used as high-capacity pocket memo pads to remember dates and birthdays, manage your budget and investments, provide customized menus to let you lose exactly the weight you wish. Some will come with special telephone jacks to let them "talk" with your friends' own personal computers.

You'll see a lot more of these little personal memories. Matsushita Electrical Industrial Corporation has purchased manufacturing rights to the Craig translator, and many different versions could be coming from Matsushita's American subsidiaries Panasonic and Quasar, along with other top companies. Some undoubtedly will have the option of plugging into your TV set through an interface modulator, to provide a larger display on the color screen.

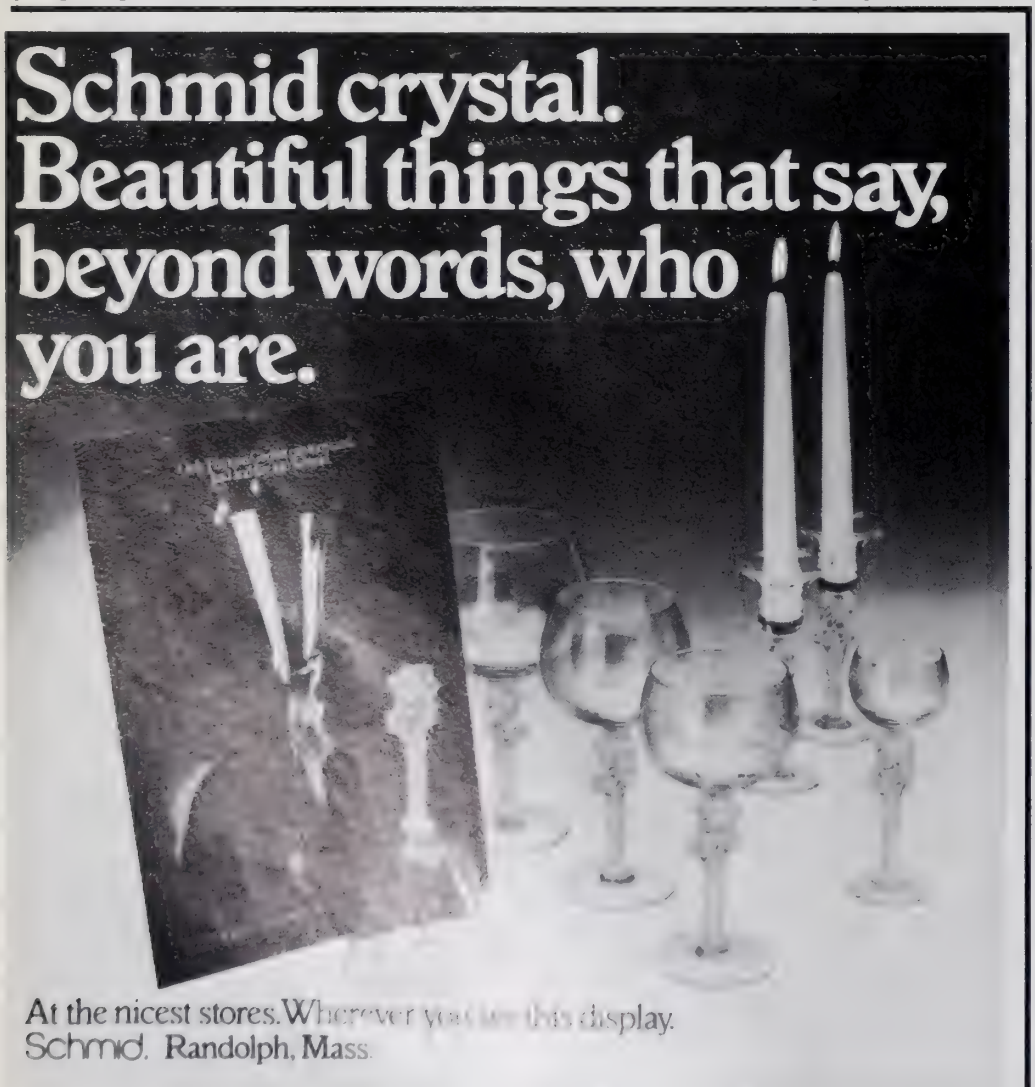
Video games

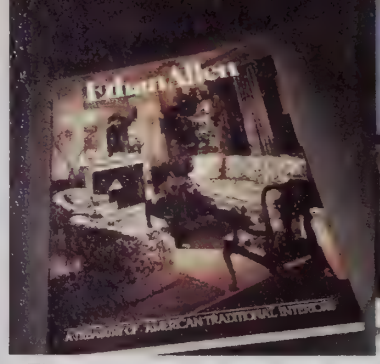
Of course, any of the elaborate "personal computers" now on the market can be taught to play complex games on the TV set or their own built-in video monitors. But there's a new breed of sophisticated game which can be taught to become a computer—with a little financial encouragement. Buy the game now, upgrade it to a home computer later. *Magnavox's Odyssey II* and *Mattel's Intellivision* are "programmable" by inserting different cartridges, and provide an assortment of advanced games, quizzes, and other pastimes, with virtually full animation, rivaling games found in amusement arcades. When you're ready to move up to a home computer, you have the option of buying a typewriter-like keyboard with its associated components which "dock" into the game chassis, increasing its capacity and upgrading it to a true personal computer. In an experimental program called "Playcable," Mattel will let some users add new games and other programs via cable TV. For a fee, you can select a program from a catalogue, tune in the proper cable channel, and receive the latest amusement arcade game for playing later.

But all of these dazzling new developments shouldn't obscure the traditional rules of purchasing any product—particularly in the field of hand-helds for children. Before buying a game, you should be able to test it—or, better still, the youngster should do the testing in the store. If he or she shows the least sign of boredom while playing the game, you can bet it will be quickly relegated to the dresser drawer. The game should be challenging enough to hold your child's interest, but not so complicated he gives up after a few minutes.

All hand-helds operate on batteries, and the more interesting and intriguing the game, the quicker it gobbles them up. Replacing batteries can be quite an expense, and a plug-in battery eliminator (generally $5 or $6) is highly recommended. These can usually be purchased where the game is sold, or at an electrical-supply store. Before buying a battery eliminator, be sure the game has a jack for a plug-in—which, of course, should be rated at the same voltage as the game (usually noted on the back of the game itself or in the instruction book). If the game you select doesn't have a jack, it's suggested you buy a battery charger and a selection of rechargeable batteries.

The electronics game marks the real beginning of the mini-computer in the home. Adults and children alike agree it's a fun beginning. ■





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My Ethan Allen Gallery has everything I need to make my decorating ideas work. Even an Interior Designer. She helped me choose just the right fabric for this chair.

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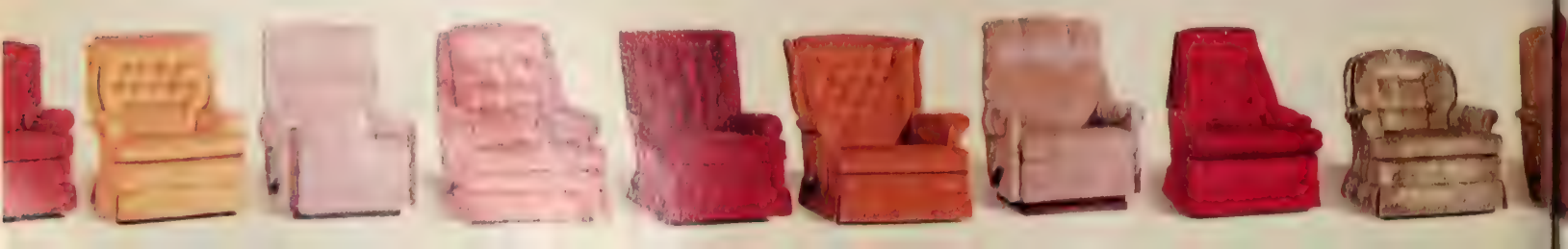

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BY MONICA BRANDIES

How to take your garden with you

With a little extra care and a lot of love, you don't have to leave your plants behind when you move

A true gardener never lets the probable length of stay in any house curb his instinct to put down roots. The thought of pulling up roots to move on again is never easy, though. Here are some suggestions to ease the transplanting:

Plan to take some of your old garden along. During the move, make every trip from one house to the other include a plant or two, even if you have to set them in a temporary bed.

On a cross-country move, my only chance was a shopping bag on one arm balanced by a baby on the other as we boarded an airplane. In that bag were the Arbor Day trees our two sons had planted in fourth grade, some delphiniums, gooseberries, a rose, and several cuttings. I heeled them in, watered, and covered lightly with straw (pulled-up weeds would do). They survived a month of hot August weather and were waiting to welcome us when we arrived permanently.

If you can't take anything else, take seeds. After that same move, our Christmas box from grandma included pillboxes of seeds from plants we had given her from our old garden. It was a wonderful link with home while recovering from the shock of being transplanted.

No true gardener would consider deluding a garden he had lovingly planted, especially if he senses that the new owner will appreciate the garden. But most plants can be divided and made to prosper for both parties.

When you choose a new house, use a common-sense mixture of roof-checking and soil-checking. In our case, I entrust the structural things to my husband while I look for plant windows, apple trees, and soil conditions. Siting cannot be changed and basic construction is expensive to alter, but most of us who want to can make a garden grow anywhere eventually. Still, trees do take time, and you'd pay a lot extra to have some.

If your new home doesn't have a garden, the ideal situation is to plant a new garden even before you move. With the permission of the seller, I once plowed the day the first papers were signed. We both risked a little there, but it was worth it. The actual move was some three weeks later and, with transplants, the salad for our first meal in our new house came from our new garden.

If you buy your new house from a dedicated gardener, you will benefit in the long run. He will leave more plants if he knows you will cherish them. He'll take better care of the garden right up to moving time, and might even plant some crops just for you. And his experience and knowledge will be worth more than any plants or produce he carries away.

Don't be daunted by the season. If you settle in summer, many things can be planted later than you think. Ask neighbors or the county agent the expected frost date and then count back days to maturity from there. Plant early vegetables for a very late, short season.

If you arrive in autumn, plant a few bulbs or trees and shrubs if the climate is mild enough. But don't make any big, expensive plantings until you study area gardens for hardy or native plants and experience a little of the weather.

Winter movers can use the time well, studying and planning carefully before planting anything, and even those lucky enough to move in the spring should take time to plan before they plant anything permanent or costly.

If you know you're moving in spring, then the autumn before, go out and root-prune any perennial, shrub, or small tree that you plan to move.

To root-prune, cut down with a sharp spade in a circle approximating the root ball you hope to transport. This will sever the fibrous roots at that perimeter and force the plant to form new ones closer to the base of the trunk.

Root-pruning will not help much for plants with tap roots like oaks and nut trees, so only the smallest seedlings of these should be risked. It will be a mild shock to any plant, but enough roots will remain intact at the bottom of the hole to help it recover, and the transplanting, the next spring, will be much easier. For this same reason, nursery plants which have been root-pruned in several transplantings can be moved more safely than plants with naturally sprawling roots dug from the wild.

Even if the time is not ideal or you aren't sure when you'll sell your place, it won't hurt to root-prune your treasures the very moment you decide to move. If the process takes a month or more, the new roots will begin to form, and if you don't move, no serious damage will be done. Water well in the interim.

For plants that are too big to move, take a piece of them—take cuttings. Root-prune a section from the suckers at the base of the shrub. Or layer a grapevine or gooseberry by bending down a long stem. At the point of contact, scratch a bit of bark from the underside of a node. Use a rock, forked stick, or wire hairpin to bury this section. Keep it covered and moist until new roots form. Then you can cut the stem to the mother plant and move the baby easily.

The minute you decide to move, you will want to make changes in your gardening. Since you will be busy, cut extra work. Concentrate on making the area around the house neat and attractive. This may mean sacrificing the experimenting you enjoy, but do it nonetheless. Plant flowers instead of vegetables, plants instead of seeds, annuals instead of perennials. It could even help to sell the house. Certainly don't give up your gardening altogether. You will enjoy the therapy as well as the results.

You may not need to give up vegetables completely, but plant short-term salad makings and quick-maturing varieties. It often takes up to three months to complete a move and you can have a lot of good eating in that time.

Think twice about canning or freezing plans. That may depend on the distance and the means of moving. If you transact at harvest time, bear in mind that dried foods will pack and travel easiest.

When you sign papers for selling your piece of land, talk to the buyers frankly about what you plan to dig and take along. If you are moving nearby, they may be agreeable to your coming back to share the harvest or to move plants at a better time. And you may find they don't want that peach tree you planned to leave, so you can chance moving it.

If you're planning to cross state borders, check with your county agricultural agent. Alaska, Arizona, California, Florida, Hawaii, and Virginia require special certification. You will save time and trouble if plants are accompanied by an inspection certificate.

Lastly, be sure to find some challenge in your new garden. It may come built-in with an unfamiliar climate. You may have to learn intensive gardening, as we did, to compensate for size. The fun of learning will ease the pangs of moving and keep your garden growing and beautiful through an otherwise trying time. ■

BY DAVID WICKERS

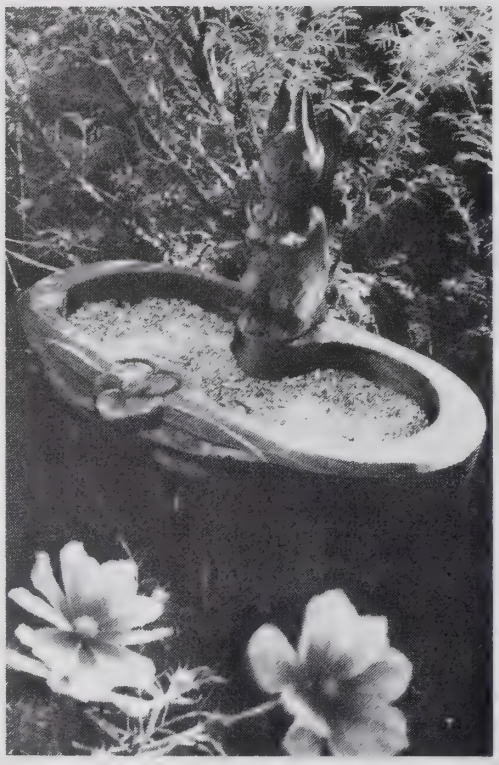
How to attract birds to your garden

With proper food, shelter, and water facilities, you can attract a variety of birds all year round

There's no need to live in or travel to an area of wilderness in order to enjoy wildlife. A mere windowsill in the heart of a city can attract a vast array of birds, if you provide the essential food, water, shelter, protection against enemies, and a place to produce their young in safety. With a backyard at your disposal, the terrain can become a home nature reserve, a particularly welcome refuge for wildlife in the midst of a harsh winter, when natural bed and board facilities are hard to come by. Allowing birds and other animals to take up residence, you can further the aims of conservation and enjoy a world of color, song, and movement.

Birds usually build their nests in natural vegetation—in hedgerows, trees, bushes, and dense undergrowth—but such sites are increasingly difficult to find in towns and suburbs. The most enthusiastic wildlife lover cannot create natural nesting locations overnight, but artificial substitutes are perfectly acceptable to most birds. They may be purchased from a specialist supplier, a seed company catalogue, or you can make them yourself. There are many variations on the nesting-box theme, but only two basic structures: the enclosed bow with a small entrance hole, the size of which can be tailored to determine who will be able to lodge there (1⅛ inches will keep out starlings and sparrows), and the open plan type. To make either, you'll need about 5 feet of ¾-inch weathered hardwood (or treated cedar or other softwood), sawn into sections and nailed to make a box. The roof must slope to allow rain to run off and can be hinged for easy access and secured with a hook. Drill the entrance hole toward the top of the box or, with the open plan, build the front section so that it reaches only part way up. Don't fix a landing perch to the box, as the birds won't need it, and squirrels can use it while they raid the nest contents.

Secure the box to a tree, wall, or post about 6 feet off the ground, protected both from cold prevailing winds and hot suns. Put it up in readiness for spring visitors. The birds will appreciate indirect help with finding suitable materials for lining their nests, or constructing from scratch in natural settings. A naturalist once took a sparrow's nest to pieces and discovered that it contained over 1,000 separate items, including paper, feathers, bark, cotton, wool, grass, string, and bits of other materials. So there's plenty of scrap recycling potential that can be left in the open for nest builders to find.



Merryvale bird feeder on terrace of interior designer Diane Russell attracts birds to her Manhattan garden 13 stories up.

Once the birds are in residence, respect their privacy, especially when the eggs hatch, and restrict your peeking to a time when the adults are away. When nesting season is over, take the box down and clean the interior with boiling water to kill off any lurking parasites. Don't be horrified by the presence of eggs or dead birds. They are the weaklings that have been naturally rejected on account of their inability to survive in the wilds.

What, when, and how to feed the birds

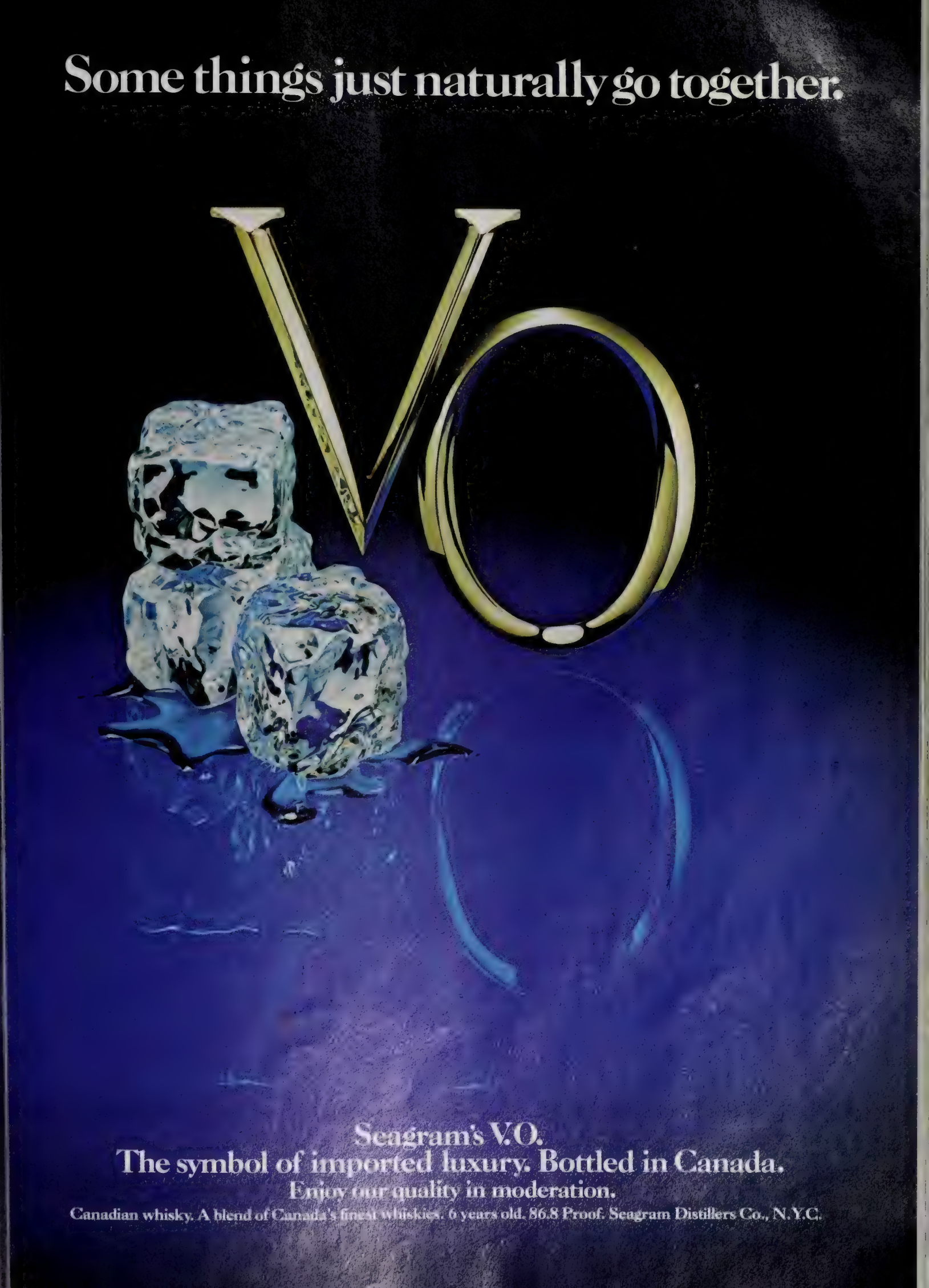
In the winter months, the time of year that birds most need regular food for body warmth, natural sources are generally in short supply. Apart from providing food from compassionate motives, you will be able to entice birds to where you can see them. Begin feeding from late October or the first frost, but only if you are prepared to keep it up throughout the cold season. Home-fed birds get used to your handouts, so don't take off for a week of Florida sunshine unless you can rely on a friend or neighbor to carry on the good work in your absence.

Bird feeding means more than tossing a few crusts of bread onto the lawn. Many birds won't touch this, and those that do will still lack the adequate, varied diet they require. Bird-seed mixes are available from many hardware stores, supermarkets, and bird pet shops. They contain a variety of seeds and so attract many types of birds that might otherwise never appear in your garden. Or mix your own, including sunflower seeds, millet, buckwheat, oats, cracked corn, and so on. Add some grit to aid digestion (either store-bought or seashore sand, crushed clam, oyster, or egg shells) when natural alternatives are covered in snow. A wholesome selection of kitchen scraps will also be welcome. Include such foods as potato, meat leftovers, stale cake, chopped bacon rind, cheese, raisins, melon seeds, fruit cores, lettuce leaves. Peanuts, either shelled and offered in mesh bags or feeders, or unshelled and threaded on a string, can be added to the menu (avoid salty nuts), but peanut butter should first be mixed with dry cornmeal or else it may clog the birds' mandibles.

Suspend half a coconut shell underneath the bird table, but never give dry shredded coconut, as it can swell inside a bird's stomach. The shell, or a yogurt container, can be filled with a "pudding" of seeds, grains, dried cake, nuts, and so on, mixed with hot fat and left to set. Insect eaters will appreciate a dish of mealworms but will willingly compromise with meat scraps, dog food, pastry dough, peanut butter, and suet. The latter is an excellent source of warming winter nourishment. Put large chunks into mesh containers to prevent the bigger birds pinching more than their fair share. Gradually reduce the amount of high caloric foods as spring approaches, but only stop feeding altogether when you are absolutely certain winter is over. If you want to keep feeding throughout the year, do so just as regularly but in

Continued on page 111

Some things just naturally go together.



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continued from page 108

much smaller quantities, remembering it is primarily for your benefit, since there will be an abundance of natural foods.

Feeding off the shelf

Bird tables may be bought or made with the most elementary of carpentry skills and tools. You need no more than a flat, squarish, 2-foot wooden platform supported on a post, hung from a tree branch, or bracketed to a window-sill. Nail a strip of wood around the edge of the board to prevent food being blown away by the wind or kicked off by the birds. Leave a gap at each corner so the table won't become flooded after a rain shower. A roof won't be necessary except where snow falls thick and fast. Screw two or three hooks to the side for hanging food baskets, seed hoppers, coconut shells, bones, or peanut strings. Position the table in the open for ease of viewing, but never too far away from shrubbery in case the birds need to make a swift escape—from hawks, perhaps. Put some food below the table for mourning doves, cardinals, towhees, pheasants, sparrows, juncos, and other ground feeders.

Providing a water supply

The shortage of natural food supplies in winter is matched in summer by a lack of water, particularly in urban areas without ponds or puddles. Water is vital to a bird's well-being both for drinking and bathing, the latter being an essential activity for keeping plumage in tip-top flying trim and at optimum insulation value. Provide water in an upside-down garbage-can cover or shallow bowl (with a rough surface so that birds won't slide under the water). Position the bath well out of cat range but within your line of vision so that you can watch the antics. Change the water every now and then and prevent it from freezing during the winter by installing an insulated aquarium water heater.

A pond reflects a more ambitious approach to backyard wildlifing. It will attract a bigger and more varied class of bird, as well as dragonflies, newts, and frogs. The simplest method of construction is to dig a hole, shallow at one end, and line it with heavy-duty plastic sheeting held by large rocks around the edge. Fill with a layer of soil and plant some suitable aquatic plants to absorb carbon dioxide. Make an island landing strip in the middle, or plant some water lilies, and stick a branch through the hole of a submerged flower pot for perching purposes.

Planting for conservation

The most obvious long-term remedy for the shortage of natural nesting sites, cover, and food is to grow them. The first step in planning a conservation garden is to come to terms with the fundamental conflict between attracting wildlife and so-called "normal" gardening habits. The more we try to interfere with and struggle against nature rather than allowing the backyard to grow wild, the less attractive a haunt it will be for wildlife.

Apartment house for purple finches is one of many unusual bird houses at the Harvey S. Ladew Topiary Gardens, Monkton, Md.

Allow at least a patch of ground to revert to the forest or meadow it wants to be. Weeds are, after all, the least demanding of plants to grow and not as unsightly as you might assume. Goldfinches find thistles irresistible, for example, and caterpillars love young nettle shoots (the caterpillars of the monarch butterfly eat milkweed leaves and the butterflies pollinate its flowers).

Overtidied gardens represent poor pickings for visitors, so let some fallen leaves lie; birds will thrive on the slugs, snails, and insects that lie in their murky depths. Leave a fallen tree branch to decay for the benefit of various animals, plants, and fungi.

Lawns are a happy hunting ground for carnivorous birds in pursuit of worms, ants, and grubs, but don't overmanicure, particularly at the fringes. And, of course, if you want insect-eating birds to visit the garden, don't purge it of their prey by spraying lethal doses of insecticide. The brown thrasher, for example, can devour over 6,000 insects in a day and won't look too favorably on your debugged environment.

Contrary to the more formal traditions of horticulture, a wildlife garden doesn't imply anarchy. Instead, it is a more ecologically-sound approach to planting, incorporating those trees,

Continued on page 112

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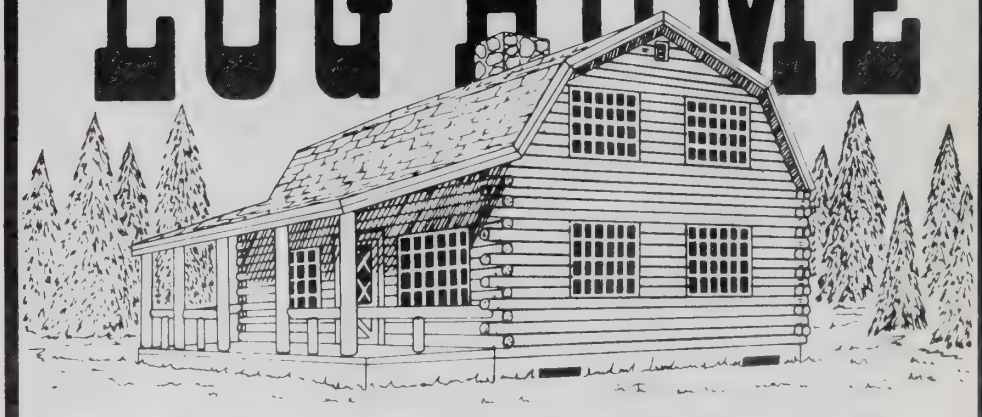

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continued from page 111

shrubs, vines, and flowers that appeal to birds as nesting sites, shelter, hiding places, and providers of food. Native species work better than the exotic, rare, or overbred varieties. Many of the flower strains, for example, that have been carefully crossed and recrossed to achieve their beauty are low on nectar for the pollinating insects (that in turn attracts such birds as vireos, warblers, wrens, flycatchers, swallows, and thrashers) or are poorly seeded for direct consumption (marigolds, asters, sunflowers, poppies, phlox, and others are a better bet, and wildflower seed mixes even better).

Cats and birds will never develop a mature, considerate relationship

It is important when shopping for plants to find out the height to which each plant will grow, the amount of space it demands, and the length of time taken to reach maturity, as well as checking on its soil, climate, and cultivation requirements. The more varied the plantings, the greater the variety of birds, but remember that you've got to enjoy the garden, too, so be sure that the color and overall shape of the plant is to your liking, and will leave room for all your other backyard activities—including bird watching.

What to do about unwanted visitors

You may be understandably reluctant to look upon a pet as a pest, but cats and birds will never develop a mature, considerate relationship. No matter how gentle you believe your own to be, the sight of a group of birds pecking away at the bird table or splashing about in a bath will bring out the Mr. Hyde side of their feline character. Cat owners who insist on backyard birding must keep their pet indoors during dawn and dusk feeding times. Even though you may not possess a cat, some neighbor surely will. Wire fencing or thick hedges are the most effective barriers, but even something like the Berlin Wall won't guarantee cats' exclusion from your yard, hence the importance of positioning tables, baths, and nest boxes well out of pouncing range. Pole supports must be made from metal or smooth wood, even smeared with axle grease or fitted with a metal baffle. Such precautions will also help keep the birds immune to squirrels, the most familiar backyard bullies.

Sparrows and starlings are often regarded as nuisances in the wildlife garden because they tend to monopolize the food and facilities to the exclusion of more interesting species. Starlings usually sleep some distance away from where they eat and can often be beaten to the bite if you put food out the night before. Since they need to have both feet firmly planted on a level surface before eating, they avoid hanging feeders and also stay away from all sunflower-seed feeders. Jays aren't too acrobatic, either, but they are aggressive and will raid the nests of others to steal eggs and even young birds. Try to bribe jays by scattering their favorite morsels (peanuts, sunflower seeds, cracked corn) away from the main feeding table. But apart from taking such rudimentary steps, resign yourself to never being able to fully select the wildlife you prefer.

What to plant in your garden

Here are some trees and plants that attract particular birds:

Key to birds:

1. Woodpeckers; 2. Jays; 3. Chickadees; 4. Titmice; 5. Nuthatches; 6. Mockingbirds; 7. Catbirds; 8. Thrashers; 9. Robins; 10. Bluebirds; 11. Thrushes; 12. Cedar waxwings; 13. Orioles; 14. Cardinals; 15. Evening grosbeaks; 16. Purple finches; 17. Goldfinches; 18. Towhees; 19. Juncos; 20. Sparrows; 21. Crossbills; 22. Starlings; 23. Flycatchers; 24. Vireos; 25. Wrens; 26. Phoebes; 27. Swallows; 28. Warblers.

Plant	Birds
Bittersweet: Twining vine with pale green leaves and winter berries. Good nesting.	7, 9, 10, 11, 24
Blackberry: Thorny shrub. Fruits from July.	1, 2, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 18, 20, 24, 26, 28
Dogwood: White flowers, brilliant autumn leaves and a plethora of berries that attract many different birds.	1, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 18, 20, 24, 27, 28
Virginia creeper: Ground or climbing vine, rusting in the fall, with dark blue berries from August to February.	1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 20, 24, 27
Sumac: Straggly growing shrub, easy to grow, with red fruit in the fall. Several shapes and sizes.	1, 2, 6, 7, 8, 9, 11, 14, 15, 16, 22, 23, 24, 25, 26, 28
Blueberry: Medium-size shrub prized for its bright blue summer berries and scarlet autumn leaves.	2, 3, 7, 8, 9, 10, 11, 13, 14, 18, 20, 26

Continued on page 116

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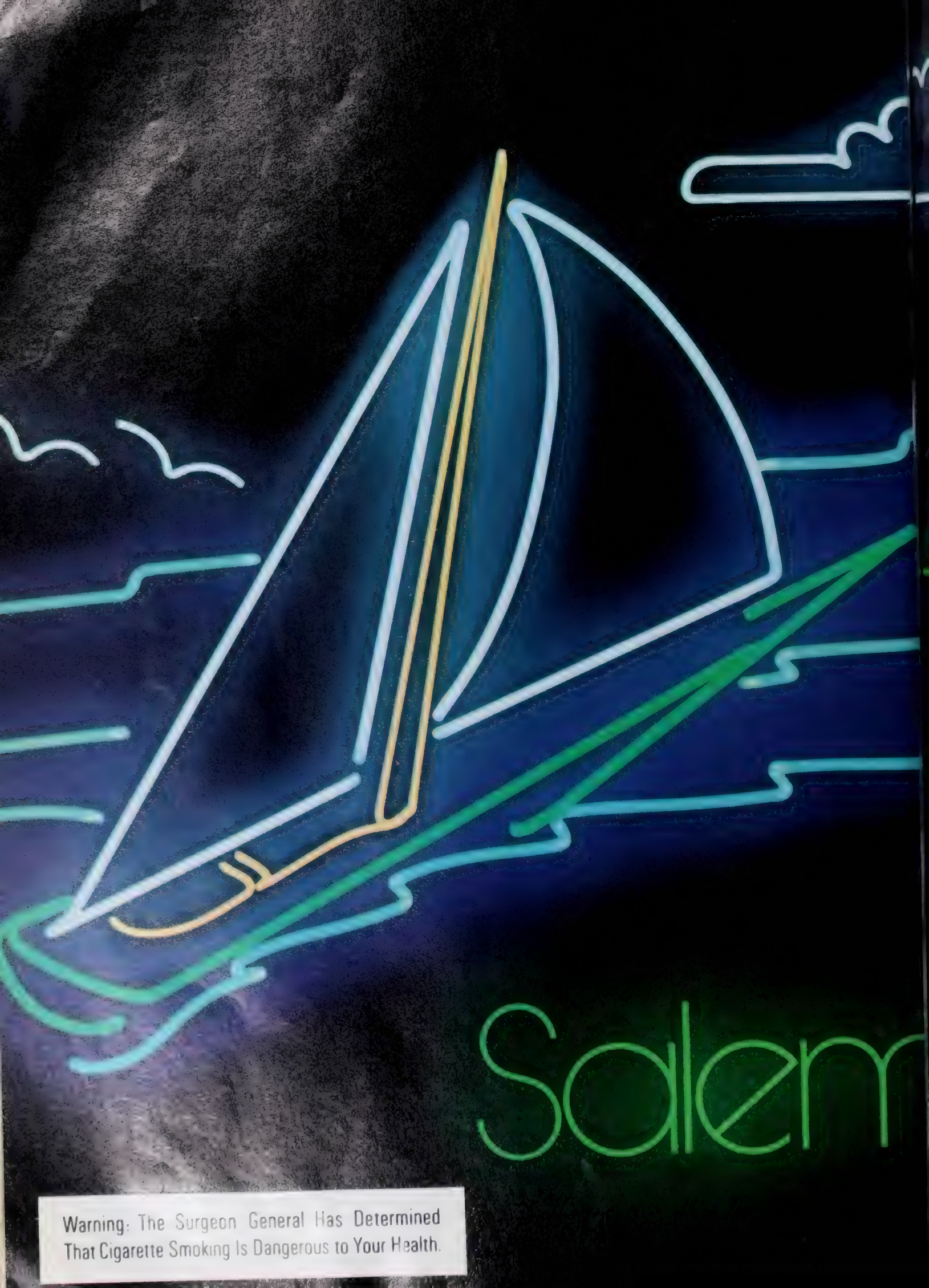

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ATTRACTING BIRDS

continued from page 112

Elderberry: Shrubs can grow up to 10 feet with white flower clusters and red to black fruits from July through winter.	1, 2, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 18, 20, 22, 24, 25, 26, 28
June or Serviceberry or shadbush: Large shrub (or small tree) with white blooms and blue to blackish fruit from July to winter.	1, 2, 3, 6, 7, 8, 9, 10, 11, 12, 18, 24
Holly: Various sizes to choose from, all with shiny dark green distinctive leaves and yellow to red berries.	1, 6, 7, 8, 9, 10, 11, 12, 18, 24
Honeysuckle: Summer super-fragrant blooms, fruiting from October.	2, 7, 8, 9, 10, 11, 12, 15, 19, 24
Russian or autumn olive: Both highly recommended shrubs or small trees with gray-green foliage and fruit clusters.	7, 9, 12, 14, 15, 18
Bayberry: One of the best berry producers, an evergreen often grown as a hedge. Aromatic leaves.	1, 2, 3, 7, 10, 22, 24, 25, 27, 28
Pyracantha or firethorn: Several varieties of this evergreen shrub. From 6–12 feet tall with white fragrant flowers and bright reddish winter berries.	1, 2, 6, 7, 8, 9, 10, 11, 12, 14, 16, 19, 20
Cotoneaster: Evergreen shrub suitable for a hedge or ground cover. White or pink flowers, red-orange or black fruit in fall.	6, 9, 11, 12, 16

Red-throated hummingbirds find the trumpet creeper, honeysuckle, slavia, petunia, fuchsia, columbine, flowering dogwood, morning glory, and bee balm among the most attractive. Don't feed them on honey, as it can ferment and kill them. As an additional enticement, put out some sugar water, one part cane sugar dissolved in 5 parts water.

The following trees provide food for birds: pine, cherries, oaks, red cedars, mulberries, maples, spruces, beeches, birches, alders, ashes, firs, mountain ashes, hawthorns, crab apples, and more.

Key to birds: 1. Woodpeckers; 2. Jays; 3. Chickadees; 4. Titmice; 5. Nuthatches; 6. Mockingbirds; 7. Catbirds; 8. Thrashers; 9. Robins; 10. Bluebirds; 11. Thrushes; 12. Cedar waxwings; 13. Orioles; 14. Cardinals; 15. Evening grosbeaks; 16. Purple finches; 17. Goldfinches; 18. Towhees; 19. Juncos; 20. Sparrows; 21. Crossbills; 22. Starlings; 23. Flycatchers; 24. Vireos; 25. Wrens; 26. Phoebes; 27. Swallows; 28. Warblers.

There's Room for Improvement

In any house, somewhere
between roof and floor,
front door and back,
there's room for improvement.
As families change,
so do their needs and interests.

and their homes, too, which are becoming recreation, entertainment, and health centers. More and more families realize that it's not necessary to leave home to get away from it all.

May is Home Improvement Month . . . it's the time to make improvements your home needs with the quality products made by manufacturer members of the National Home Improvement Council whose company names are listed here. If your jobs are major, consult a contractor Council member in your community; he'll see that your jobs are done right. For super home improvement ideas, read the following special section in House & Garden very carefully. It's full of them.

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BY SANDRA ODDO

Put energy into your remodeling

You can have a makeover do double duty if you and your builder think energy-efficiency right from the start

There it sits, a marvelous house, the fabric of your family life knit into its walls. Or perhaps it is new to you, knit (and a little raveled) full of other lives, with the potential for holding the living patterns you have dreamed of. But it needs remodeling, partly because it is a little worn, partly because it doesn't quite fit—and partly because, when the dead of winter or the dog days of summer arrive, energy radiates from its walls as if they weren't there, squandering itself on the outside air.

Houses are changing, and people's attitudes toward them are changing even faster. Where once it was enough that a house have the requisite number of rooms, and look nice, and be easy to keep, now homeowners expect them to work as well, sheltering their inhabitants efficiently with as little use of expensive fuel as possible. "Five years ago," says Bruce Brownell, president of Adirondack Alternative Energy, and builder of energy-conservative houses in the more frigid reaches of New York State, "a prospective buyer's first question was 'how many baths?' Today, it's 'how well is it insulated?'" "If you are remodeling," says engineer Susan Nichols, a Santa Fe, N.Mex., developer, "it only makes sense to work for energy conservation at the same time." Whether you are gutting a historic monument to make sure it stands another 100 years, or simply adding a new bath, time and thought spent on considering the most energy-efficient way to do it will be repaid in immediate comfort and in lower future energy bills.

Remodeling for energy conservation is a mixture of science and creative art. As concern with our energy future grows, so does the number of people engaged in tracking down runaway B.T.U.s, and so does our knowledge of the often-complicated ways in which energy and our houses interact. So does our sense of its importance—and the pressing urge to do something about it personally. Department of Energy estimates of increases in the cost of energy have been based on a rise of 12 to 15 percent a year, just ahead of the rate of inflation. But in some parts of the country, the cost of fuel more than doubled last winter—a 100-percent increase—and few New Englanders doubt that oil will reach $1.50 a gallon by next December. That means it makes very sound economic sense to borrow the money to add energy conservation to your list of remodeling "musts." The savings in energy will amount to more than the interest paid on a 12- to 15-percent loan in a very short time. Charles Wing, author of a book on energy-conservative remodeling (*From the Walls In*, Atlantic-Little, Brown), and builder-developer of some 200 very energy-conservative houses, divides his approach to energy conservation into three parts. First is the building itself: the windows, the roof, the arrangement of rooms, the walls around the whole thing. Next come systems that produce and distribute heat in the house: the heating system, the hot water and electric systems, the ventilation, the various appliances. Finally, there are the inhabitants: their habits, the ways in which they use the house and systems. With each house he sells, he supplies a package, a book that can serve as a house operator's manual, a couple of very simple energy-conservation devices—and an indoor meter that costs $89.50 and attaches to the electric system. It shows, in dollars and cents, the amount you are spending for energy with each passing hour. A test at the University of Colorado showed that the meter alone, because it promoted energy awareness, cut energy consumption by 12 percent.

The most important first step the energy-conservative remodeler can take in defining the problem is to get a qualified energy audit. Many utilities offer them, and more will be offering them soon. State lists of energy consultants, many of whom offer energy audits, are available from the National Solar Heating and Cooling Center (Box 1607, Rockville, Md. 20850). A trained auditor should come to your house, test your furnace ef-

Continued on page 129

PAYBACK PERIOD FOR ENERGY-CONSERVING ACTIONS

An odd concept has crept into talk about energy conservation purchases. It is that, unlike any other household purchase, something bought with the intention of conserving energy should "pay back" its original purchase price in energy savings, and that the length of time it takes to do that—its payback period—is some measure of its worth. A better concept, according to Charles Wing, author of From the Walls In *(Atlantic-Little, Brown) and founder of Cornerstones, an owner-builder education program, is that of benefit/cost ratio, whereby a $1 expenditure that saved $10 would be a better choice than a $1 expenditure that saved $2. Nevertheless, he has offered examples of the payback periods for some energy-conserving actions. Each is based on the assumption that oil costs $1 per gallon.*

Action	Payback
Caulking, weather stripping	*1 year*
6 inches attic insulation, uninsulated	*1½ year*
4 inches existing rock wool	*4 years*
6 inches fiberglass	*11 to 12 years*
Acrylic "Insider" storm windows	*7.7 years*
Aluminum storm door, contractor installed	*47 years*
("I recommend one of the new insulated main doors, R-10 or 11, instead")	
2 inches of fiberglass duct insulation (unheated basement)	*1½ years*
Insulation for an oil heater (unheated basement)	*1 year*
(heated basement)	*4 years*
Flame retention head burner for oil furnace	*2–3 years*
High-pressure water-conserving shower head	*6 months*
Reducing temperature in water heater to 120°F	*Immediate*

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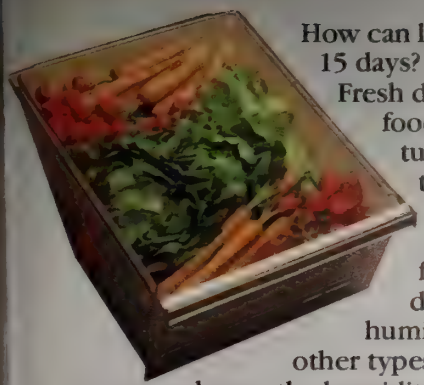
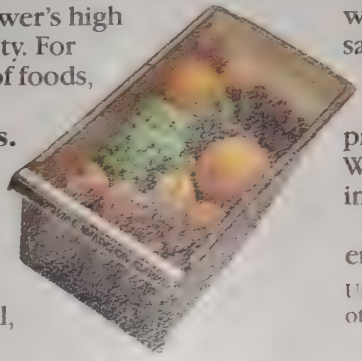


How can lettuce be this fresh after 15 days? Because our Moist 'n Fresh drawer doesn't just keep foods at the right temperature. It also keeps food at the right humidity. And leafy vegetables and other moisture-loving foods thrive in this drawer's high humidity. For other types of foods, you can change the humidity.

Presenting 15-day-old fruits. Grapes, strawberries, oranges and peaches keep their garden freshness better in the lower humidity of our Cool 'n Fresh drawer. It also has adjustable *temperature* control, so it can be converted for fresh meat storage.



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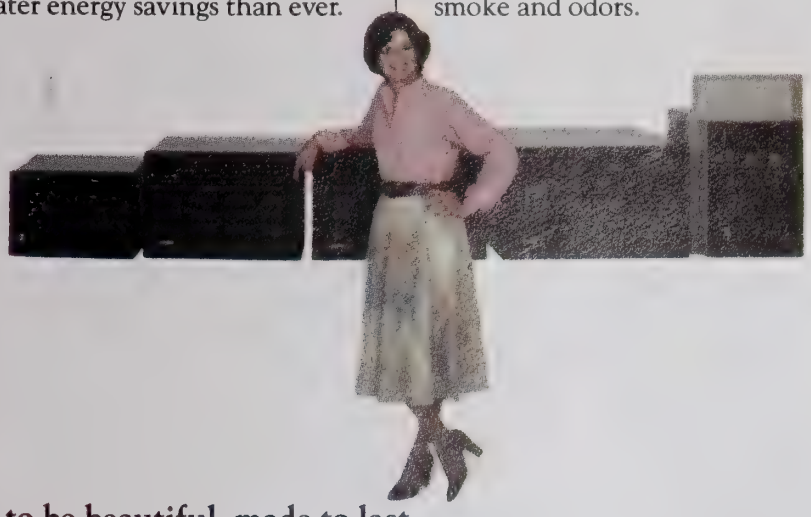

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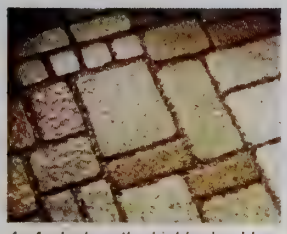

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ENERGY IN REMODELING

continued from page 118

ficiency, check insulation, windows, doors, etc., and code all the data to be fed into a computer. The computer will calculate your probable energy demand, compare it with your energy bills to check, then print out a list of conservation alternatives along with cost and probable savings for your particular house. If a specific energy audit is not available locally, the Department of Housing and Urban Development has published a helpful workbook, *In the Bank or Up the Chimney* (Superintendent of Documents, Government Printing Office, Washington, D.C. 20402; stock number 023-000-00411-9), that will allow you to do a lot of the figuring yourself. If your contractor is experienced, he or she should be able to give you some close, educated guesses. Audits can cost from nothing (a free utility once-over) to about $200. Shop for one—but don't buy the least expensive unless you are convinced it is the best. This is one place where it costs to save money.

Identifying solutions

Here's the procedure: Understand your quarry (heat); know your tools (climate, site, building materials, household systems) and their uses; cultivate your friends (contractor, energy engineer, local building officials, and utilities); plan your strategy carefully.

The quarry: Heat radiates. A source of heat—candle or nuclear generator—produces waves that are part of the electromagnetic spectrum (we can see by the light waves in the middle part of that spectrum; heat waves are longer than those in the visible portion). These waves travel out in concentric circles from the source.

Heat also moves by convection. The molecules of air basking next to a heat source feel expansive and they spread out. Because its molecules are farther apart, warm air is lighter, and it rises. Cold air flows in to take its place next to the source, and warms in its turn, starting a flow of air, a current with a shape determined by the shape of the room, that can be both predicted and directed. Convection is also at work outside where, of course, things tend to be a little less predictable. The wind controls it, whipping away the skin of warmth that has radiated from the house at whatever speed it is blowing.

Heat also moves by conduction. Basically lazy, it will follow any easy path, passing from molecule to molecule by physical contact. It races along metal, a good conductor, while insulating materials slow its migration to a crawl.

Your aim as a B.T.U. hunter is to identify the paths along which heat moves in your house and to block or direct them at your will, causing heat to serve your comfort freely in the cycle of its natural wanderings through a house that laughs at the worst summer and winter can do.

The tools. *Climate:* The primary purpose of a house is shelter from the outrages of climate—rain, wind, heat, cold, seasonal change. How much sheltering, and of what kind, depends on climate. The well-established concept of Degree Days (*see glossary below*) has a growing usefulness for determining housing needs for everything from furnace sizes to kind and amount of insulation. The Federal Energy Bank now being set up will use data on household energy budgets derived with the help of DD. Every degree of temperature above 65°F represents a cooling Degree Day; every degree below 65 represents a heating DD. In the U.S., cooling Degree Days range from more than 4,000 annually in Miami to none in Spokane. Heating Degree Days range from 100 in Miami to more than 10,000 in International Falls, Minn. The number indicates how tight, and how thick, your walls should be to keep out heat or cold.

ENERGY TERMS

B.T.U.: An abbreviation for British Thermal Unit, or the amount of heat needed to raise the temperature of 1 pound of water by 1°F.

Calorie: The amount of heat needed to raise the temperature of 1 gram of water by 1°C.

Degree day: A measurement of the difference in average daily outdoor temperature from a fixed point, usually 65°F. If the average outdoor temperature for one day is 40°F, for instance, that day would represent 25 heating Degree Days (65°F minus 40°F). The number of Degree Days during a year is added to determine the heating or cooling demands for specific climates.

R-value: The resistance of a material to heat passing through it. The higher the number, the better.

Retrofit: Remodeling for energy conservation or solar use, in a very thorough way.

U-value: The rate of heat loss, measured in B.T.U.s per hour, through a square foot of surface when the difference between indoor and outdoor air temperatures is 1°F. The lower the number the better.

Site: Take a good look: Are you high on a hill? Halfway down? At the bottom? Where's the sun? What shape is the house? What kind of trees are there? How close are the neighbors, and in what direction? The lie of your land, your site, will have radical effects on how your house behaves in any weather. This is the principle: The better the house cooperates with climate and site,

Continued on next page

All ceiling fans are not alike. Hunter is the Original. Since 1886. Whisper quiet. Cast iron housing. Real wood blades. Beautiful in its design integrity and simplicity without phony plastic frills. Beauty that is more than skin deep. Because Hunter makes a room at 78° feel like 70° on the power for one light bulb. That means substantial savings on your air conditioning bill. In winter, Hunter recirculates hot air that rises to the ceiling, and cuts heating costs. A wide choice of models and finishes makes Hunter fit any decor. From $149.95. Send $1 for 12-page color catalog. Dept. C, P. O. Box 14775, Memphis, TN 38114. Or see your dealer. Then put your Hunter Original Olde Tyme Ceiling Fan in your will. It's that good.

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ENERGY INTO REMODELING

continued from preceding page

the less added energy it will need to keep you comfortable. In remodeling, ask yourself: How can I help its natural performance? Improve its profile to encourage wind to avoid it? Plant evergreens on the north to protect it? Open up the southern exposure (because whether or not your house is "solar," you can benefit from the warm rays of the sun)? Help it keep its feet out of ground water by changing drainage? Paint it to reflect or absorb heat (light colors bounce heat off; dark ones pull it in)?

Building materials: Whether cardboard or granite, a good building material is one that does the job it is assigned with the most efficiency at the most reasonable cost. Aesthetics and availability play roles. A good contractor is familiar with the properties of most building materials. But rebuilding for energy conservation involves using some old materials in new ways—and there are new materials appearing (*see chart, page 118*). Find out about glazings. Investigate vapor barriers. And look carefully, with appropriate skepticism, at new energy-saving gadgets. Some may be silly—but some are terrific.

House systems: Ned Lex, president of Energy Control Systems, Inc., a Media, Pa., company that specializes in cutting residential energy use by making systems behave, says it is often possible to slash fuel consumption by 20 to 30 percent for each system, with the use of the right device, properly installed. Evaluate your systems, learn as much as you can about how they operate—and how they should operate. Find out what help is available, then have an expert do his or her own evaluation and compare notes.

The friends: Finding a contractor for energy-conservative remodeling is similar to finding one for any other building job: Know what you want, ask in the right places. Check with the conservation office of your local utility. Ask at the local lumberyard or building-supply store. Often it maintains lists of people it can recommend. Ask your local building inspector or your heating and air-conditioning sales-person, because effective conservation is sometimes compounded of subtleties, and either the homeowner or the contractor must understand them thoroughly in order to avoid wasting money, or energy. Interview each candidate, asking how long he has been in business, what other jobs he has done. Check with former customers. "The main thing is to judge whether he's a fairly intelligent guy," says R.B. Fitch, "somebody reliable. Energy conservation—basically a job for a good handyman—is attracting a lot of new people who may be in and out, so shop around." He suggests setting a test. Say "I have so-much money to spend on energy conservation: What can you do for me to make my house more efficient?" The contractor should come back with specific recommendations. Assess them, compare them with the results of your audit, and decide.

Both government and utilities have large stakes in energy conservation and offer, or will offer, incentives of all kinds (*see box, page 134*) to homeowners. At this point, before these programs are widely publicized or known, it's up to the homeowner to find out about them. A recent survey estimates there are 1,000 solar greenhouses in New Mexico—and fewer than a quarter of the owners applied for the state tax rebate that could cover up to 10 or 12 percent of the building cost. So call your utility, and your state energy office.

Doing it

You are now ready to plan your personal strategy. Using the audit, your knowledge of what your house is and what you want it to be, and the advice of your contractor, set a goal. According to the Department of Energy, it is possible to cut energy use in houses up to 25 percent by a few simple changes in systems and living habits, and these are changes many of us have already begun to make.

The energy-conservative remodeler should aim much higher than 25 per-

Continued on page 134

The Bird siding on this house is 8 years old.

Eight years ago it would have cost the family who lives here $2125 to paint this house. Four years after that it would have cost $2720. And today, four years after that, it would cost $3910. That adds up to a total of $8805* over the last eight years just to keep this house from peeling. But instead, this family spent just $2890 on Bird solid vinyl siding. Now they're happy to know the siding's already paid for itself 3 times over. And they'll go on saving thousands for the next 32 years because their Bird siding is guaranteed for a total of 40 years.

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House & Garden
May 1980

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*These figures are based on estimates supplied by a reputable painting contractor who examined the house shown.

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MIDDLETON PLACE™ PANELING FROM GEORGIA-PACIFIC

ENERGY IN REMODELING

continued from page 130

cent. A 50-percent reduction is reasonable. Sixty to 70 percent is harder and more expensive (economics will—and should—play a part in setting the goal; *see box, page 118*) but still possible. At that point, a house could go completely without heat for a few days and still remain above freezing in the dead of winter, simply by using the throw-away heat of lights, machinery, and inhabitants (worth 300 to 500 B.T.U.s per hour, depending on what you're doing). That's almost energy independence.

Residential Conservation Service program

The National Energy Conservation Policy Act (PL 75-619) passed by Congress in November 1978 requires all large regulated utilities, under plans drawn up by each state and approved by the Department of Energy, to provide their customers with (1) detailed energy audits upon request, (2) estimates of the savings in energy cost for those measures they recommend, and (3) arrangements upon request for the purchase, installation, financing, and billing for energy-conservation work and for use of renewable resources like solar and wind.

The model audit, a 2½-hour individual evaluation on-site, has been prepared by the Oak Ridge Laboratory and the Solar Energy Research Institute. The Public Service Commission of each state will decide whether the customer will pay for it, or whether the full or partial cost should be spread over all rate payers as a benefit to all (reduced energy use relieves the need to build new generating facilities, thereby reducing costs for everybody). The intention is to offer each customer personalized information, with some guarantees of quality.

By June, 45 to 47 states will have completed their plans. DOE will finish reviewing them by September, and by March 1981, every utility customer in the country should have received at least one announcement of the availability of the program—which could reach 90 percent of the residences in the U.S.

Some utilities already have programs in operation, or will have by next winter. The Tennessee Valley Authority, the

Continued on page 136

TAX CREDITS

A number of states—among them, Alaska, Arizona, Arkansas, California, Colorado, Delaware, Hawaii, Idaho, Kansas, Maryland, Michigan, Montana, New Mexico, North Carolina, North Dakota, Oregon, South Dakota, and Vermont—have income- or property-tax credits available for energy-conservative or solar devices. These range from California's 55-percent income-tax credit (up to $2,200) down to a simple exemption from taxes on the increased value of the property. Greenhouses and swimming-pool blankets may be eligible for these credits if they were purchased primarily for heating purposes. Such remodeling changes as the addition of south-facing windows may also qualify in some states. A summary of *State Solar Legislation* is available from the National Solar Heating and Cooling Information Center (800-523-2929; in Pennsylvania, 800-462-4983; in Alaska and Hawaii, 800-523-4700).

The federal government allows an income-tax credit of up to 30 percent of the first $2,000 spent for purchase and installation of a solar collector, and 20 percent of the next $8,000 up to a $2,200 tax credit total. The regulations concerning greenhouses are still being clarified, but the tendency seems to be to allow them if they are used as passive solar collectors. Most energy-conservation work, from the addition of insulation and storm windows to furnace work, is deductible.

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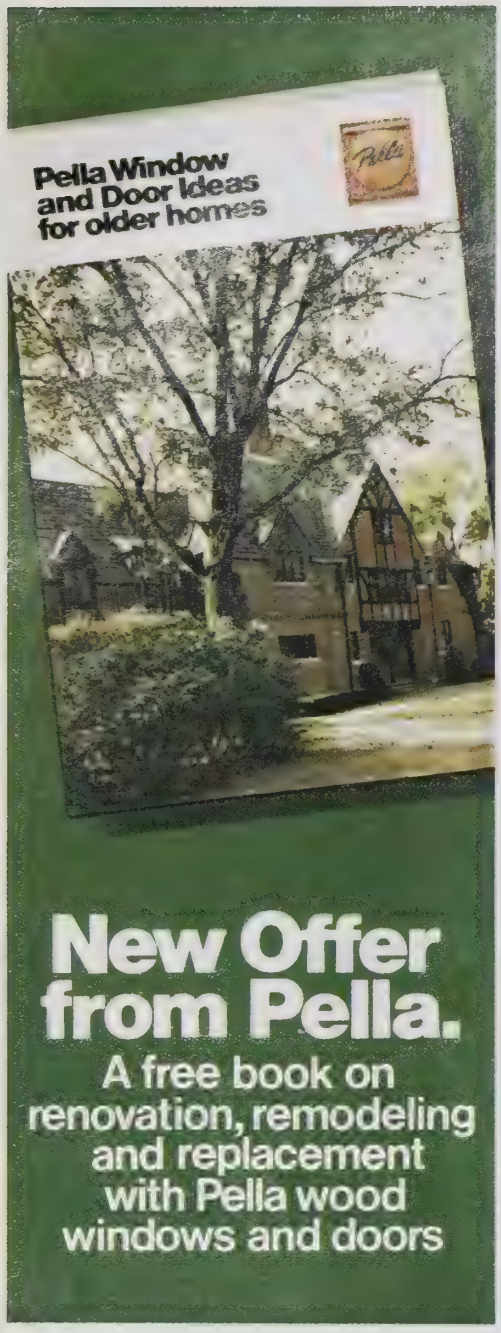

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ENERGY IN REMODELING

continued from page 134

largest of them all, offers zero-interest loans for energy conservation; many smaller utilities, both regulated and non-regulated, offer abridged audits, and some are supplying conservation services. For information, call your local utility and ask for the Residential Conservation Service program manager. ■

ENERGY UPDATE

Considering a greenhouse?

Here are some that will help lower your heating bills

The Four Seasons Solarium and Passive Solar Greenhouse (672 Sunrise Highway, West Babylon, N.Y. 11704) is available with double or triple glazing (one layer of double-walled Lexan with sealed-in air spaces plus glass), with optional summer shading devices and nighttime insulation. Foundations necessary for glass- or solar-heating model. Two units can be installed back-to-back for freestanding greenhouses. Accessories include vent controls, fans, interior and exterior shades, hydroponic units (for rooftop installations), heaters, solar air heating equipment, hottub, sauna.

The Sol-Arc Solarium (Sun-Ray Solar Equipment Co., 4 Pines Bridge Road, Beacon Falls, Conn. 06403) incorporates an active solar collector for domestic hot water or space heat as part of its roof. The double-glazed 8-by-13.5-ft. basic unit can be lengthened in 26-in. segments. Collectors help shade the greenhouse in summer while heating water.

The Solar Room (P.O. Box 1848, Taos, N. Mex. 87571) is an air-tension structure arranged over a steel frame. A 36-watt static blower keeps it inflated and rigid. No foundation is necessary. Available in lengths from 9 to 39 ft., with a standard 7-ft. width; may qualify for federal tax credit; has been installed from New Mexico to Wisconsin to Massachusetts; can be taken down in summer, if desired.

The Soltec Green Room (2160 Clay St. Denver, Colo. 80211) is a modular attached greenhouse 12 ft. wide by 12 ft. long that can be lengthened in 4-ft. sections. Glazing is either acrylite SDP or tempered thermopane glass; framing and walls are redwood; insulation is polystyrene foam. Can be used for direct or indirect solar heating, with or without active solar collectors. Foundation is recommended; tax credits may apply. Soltec also supplies such accessories as movable insulation, water drums for heat storage, fans for ventilation.

The Vegetable Factory (100 Court St., Copaigue, N.Y. 11726) manufactures modular freestanding or attached solar greenhouses with double-glazings either of rigid acrylic/fiberglass or of transparent Lexan. Basic module is available in lengths from 8 to 12 ft. long and from 5.5 to 12 ft. wide, with 8-ft. add-on sections. Foundations are not essential. Needs up to 60 percent less heat than conventional greenhouse models. When purchased primarily as a solar collector, may qualify for the federal tax credit of 30 percent of the first $2,000 and 20 percent of the next $8,000 (up to a maximum credit of $2,200).

Not a greenhouse, but useful for gardeners, **the Fabrico Sun Dome** (1300 West Exchange Ave., Chicago, Ill. 60609) is a 12-mil PVC lid fitted over an aluminum frame with a zippered doorway, 12, 15, or 18 ft. in diameter, 6 to 7 ft. high. Stretched over the frame after the last snowfall, it traps solar heat and prewarms the ground, allowing earlier starts for gardens. Can also be used over swimming pools.

The Food and Heat-Producing Solar Greenhouse, by Bill Yanda and Rick Fisher (John Muir Publications, $8) has just been revised and expanded to be an even more complete guide to greenhouse design, construction, and operation.

Manuscripts

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Famous Hothead: Vic Tayback

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Form 5866 Printed

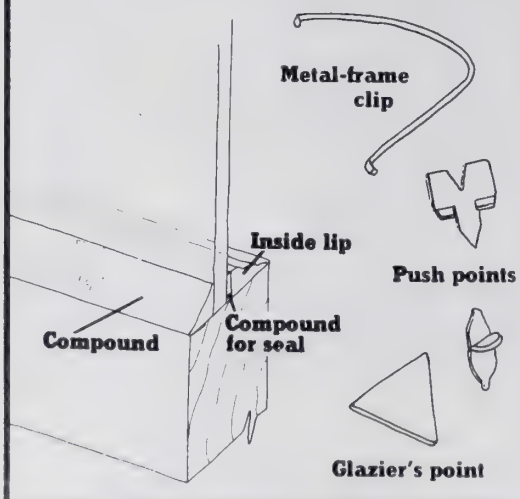
BY DEANNE RAFFEL

How to replace a broken window pane and learn to cut the new glass yourself

Q. How can I replace a broken window pane in a sash?

A. First, of course, you must remove the broken glass. Protect yourself with gloves, long sleeves, and glasses or goggles. Pull up the bottom sash, if the pane is in a double-hung window, and slip newspaper over the sill to catch the glass pieces and dried compound. Place newspaper and a wastebasket on the floor. Remove glass by working from the inside. If the pane is shattered, carefully pick the pieces out of the sash. Some will come out easily, some will need to be coaxed and wiggled out, while you may need to use a tool on others.

If the glass is cracked but secure in the frame, you have two alternatives for removal: Knock out the pane with a hammer (a quick but messy method), or pick out the old putty before removing the pieces of glass (this is done from the outside). Chipping away at hard putty takes time—sometimes it separates from the frame easily; other times it remains stubbornly in place. Use a hammer and an old, dull chisel or putty knife to loosen it. To ease removal, soften the material with a hot soldering iron. As the heat softens the compound, scrape it off with a tool. As you work your way around the pane, the blade of the tool will hit small pieces of metal holding the glass in the frame. These are called glazier's points or push points in wood sashes, or are spring clips in metal casement frames. Lift the points or clips out and set them aside. You will need them later.



Pry the glass away from the frame, clear out the remaining compound with rough sandpaper or a stiff wire brush, and wipe free of dust.

Measure the frame opening size. If the lip to receive the glass is deep, subtract $\frac{1}{8}$ inch from its length and width to arrive at the dimensions of the new pane—subtract $\frac{1}{16}$ inch from the measurement for a shallow lip. (The new compound will assure a tight seal.) Have a piece of glass cut at a glassworks or hardware store. (Or cut the glass yourself—*see below.*) Buy a can of glazing compound—there are two kinds: One contains linseed oil as the drying agent; the other has acrylic latex as the base medium and is easier to use.

In a wood sash, coat the area to receive the compound with a thin layer of linseed oil (for that type) or with exterior paint (for the latex type). This area in a metal frame needs a coat of rust-inhibiting paint. Use the putty knife to spread a fine layer of compound on the lip. Place the new glass in the frame and press the edges firmly against the putty. This important step will ensure a weatherproof joint and prevent the glass from rattling. Secure the glazier's points or push points back into the sash with a putty knife; they should be placed every 6–8 inches around the edge of the glass. Reinsert spring clips in a metal sash.

If using the linseed-type putty, scoop some into your hands and roll a $\frac{3}{8}$-$\frac{1}{2}$ inch rope. (The acrylic type has a thick, creamy consistency and is applied with a knife.) Press the material against the edges of the pane and into the frame. Draw the putty knife over the compound to adhere it tightly in place, and trim excess. Protect the compound with a coat of paint—let the linseed-oil type dry for a week or more before painting. The latex type can be covered within an hour. Overlaying paint $\frac{1}{16}$ inch onto the glass will help seal out moisture.

Q. How do you cut glass panes to size?

A. Cutting a piece of glass is easy once you learn to control the stroke of the cutter. Glass is not actually cut—it is scored, and being a hard, rigid material it snaps on the score line when you apply pressure.

You'll need a sheet of glass, including some to experiment with; a small amount of light oil or turpentine; a metal straightedge; a pencil or thin dowel; a cotton swab; newspaper. Once you've mastered the craft, you'll need a grease pencil or felt-tip pen and a ruler to measure and mark the glass.

Your work surface must be flat and

Continued on page 144

"You're sitting on a gold mine."

Homer Formby's guide for turning old furniture into gold. And keeping it that way.

The battered bureau. The sorry sideboard. The down-and-out desk.

Do you have any of these in your home? I'm sure you do.

Please don't give up on them. Please don't rush out to buy new furniture that's probably not made with one-tenth the craftsmanship of those old pieces.

I've developed a very special family of products to help you live with and cherish old and antique furniture. I've already shown thousands how easy it is to refinish, and how simple it is to maintain the finish on their furniture.

Don't redecorate. Refinish.

Remember Grandpa Martin's old roll-top desk? It's been abandoned in the attic, because the finish is all checked and discolored. My Furniture Refinisher can rescue that desk. I designed this product to work differently than paint removers and strippers. It eliminates the terrible chore of stripping, sanding and sealing. Because my product doesn't work by stripping. Heaven forbid! Stripping destroys your wood's patina—the rich glow that's created over time.

Pour some Refinisher into a metal tin. Then dip my steel wool Refinishing Pad and rub over a small portion of your piece. That's rub, not scrub. Instantly, you'll see the old, discolored varnish, shellac and lacquer melt away... revealing the original finish as beautiful as it looked years and years ago.

After refinishing, protect your piece. The best way is with a hand-rubbed finish—the traditional way that master craftsmen have always done it. But until recently, nothing existed to let the average person achieve this beautiful finish.

I developed my Tung Oil Finish so anyone can get a hand-rubbed finish. While ordinary varnish sits on top, my Tung Oil gets inside to bring out the inner beauty of your wood.

Protecting your investment.

A lot of people are convinced that caring for fine furniture involves too much time and effort. Absolutely not! To start with, never wax. You heard me right, never wax. Wax builds up, softening the finish, making things stick... even collecting dust.

My Lemon Oil Furniture Treatment is all you need to keep a warm and healthy glow on your furniture. Unlike wax, my product gets into the wood's grain to highlight its richness. My Furniture Treatment actually helps protect your gold mine from moisture.

And just a few drops is all it takes. No hard rubbing or polishing is required.

Sometimes you come across a piece of furniture with a lot of gunky wax buildup. Use my Furniture Cleaner to remove the old wax, then apply Formby's Lemon Oil Furniture Treatment. And remember that my Furniture Cleaner is perfect for *all* the wood around your house: paneling, kitchen cabinets, etc.—because it cleans without drying.

Give your house a room-to-room search.

Today, people are appreciating the past and its heritage of fine craftsmanship more and more. And more and more people are discovering the treasures they have buried into their basements and squirreled away in their attics. If you haven't looked lately, why don't you investigate that gold mine you may be sitting on? Happy prospecting!

To find out which dealer near you carries my products, call toll-free **800-647-9352**. (In Mississippi, **800-222-8216**.) And also ask for a free copy of my new Furniture Fact Book.

Formby's is a registered trademark of Formby's Inc.

Formby's®

No one knows wood as good.

Formby's products are available at better paint, hardware, home centers and department stores.

continued from page 142

clean. (Covering the surface with newspaper makes cleanup easier.) Dip the wheel end of the cutter and the swab in the lubricant. Use the swab to run a line of lubricant on the glass where you want to make the cut line—the fluid will help prevent tiny chips from flaking off as the cutter wheel nicks the surface. Hold the

Glass cutter

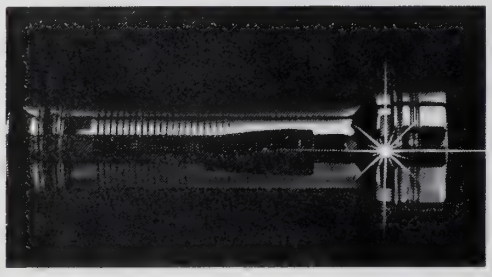
straight edge firmly next to the line of lubricant; it should be long enough to extend over top and bottom edges of the glass. Hold the cutter with your other hand, between your middle and index finger, with your thumb against the underside of the handle. Draw the cutter over the surface with enough pressure to feel the wheel scratching the glass. The stroke must be applied with even pressure from the beginning of the score, over the top of the glass, until it runs off the bottom edge. Beginning the stroke is probably the most difficult part. Scoring has to be done in a single even stroke—no restroking!

Glass, like skin, heals, so break the score immediately. There are two ways: 1. Slip the pencil or dowel under the score line. Place a hand on each side of the glass with the line in the middle; apply pressure. If the line was etched deeply enough and evenly, the glass should snap cleanly down the line. 2. After scoring, turn the glass over and lift one side slightly above your work surface. Tap the line with the round end (not the wheel end) of the cutter and the glass should separate.

Rough edges can be smoothed with fine sandpaper.

Easy-to-find flashlight

A new flashlight that glows in the dark can be located instantly in an emergency. The chrome-plated case has a solid-state electronic device emitting a red glow continually with little drain on batteries. It is visible up to 75 feet. Shockproof and waterproof, the electronic circuitry also signals the state of the flashlight batteries by turning off the red light when new ones are needed. With standard PR-2 bulb, $12.95; batteries not included. Red-i-Ray, P.O. Box 8, Abingdon, Pa. 19001.



Water watcher

This alarm guards against flooding and water damage caused by leakage from hot-water tanks, basement sump-pump failure, laundry appliances, dishwasher, bath fixtures. Even a teaspoon of water

under the alarm sets off a high-pitched warning signal activated by an electronic circuit. The warning beep operates up to 48 hours, is distinctive from a smoke-alarm sound. It works on a 9-volt alkaline battery, has solid-state circuitry, a test button, reset button, low-battery indicator, polypropylene housing. It will float and beep in water. Northern Water Alarm, about $30. Northern Electric Co., 5224 North Kedzie Ave., Chicago, Ill. 60625

Flexible light strips

An adaptable band of tiny lamp bulbs, for architectural uses, for illuminating cabinets displaying collections or china, or for niches, doorways, shadow boxes, open shelves, can be installed in a curving or straight line. Flexible, they are concealed from view but produce an unbroken, even glow of light. The miniature bulbs are low voltage, come in two intensities, have a 50,000-hour life, can be dimmer controlled. The 6-volt, 4-foot strip costs $100; other lengths available at $25 a running foot. An installation instruction sketch for electrical contractors is furnished with orders. Willem Wirtz Associates, 228 Phipps Plaza, Palm Beach, Fla. 33480.

Motif #1 in Rockport, Massachusetts. Siding and shingled roof treated with Cabot products.

Cabot's Stains...second only to wood

Cabot's STAINS

This quaint little lobster shed, jutting out into Rockport Harbor is widely recognized as Motif #1...the subject of more paintings and photographs than any other building in America. The siding and roof have been treated with Cabot's Stains... products that weather beautifully despite the rigors of seacoast exposure.

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One Union St., Dept. 516, Boston, MA 02108

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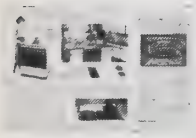
There's Room for Improvement

SPECIAL BOOKLET OFFER

There's room for improvement and there's great help for you in making improvements you're planning for your home. Many of the advertisers whose messages appear in this special home improvement section produce booklets, brochures, catalogues and portfolios filled with information about their products and ideas for using them. Those described and pictured here can be ordered directly from House & Garden. Just fill in and mail the coupon below. We'll fill your orders as promptly as possible.

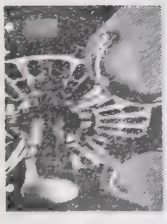
1. WINDOW AND DOOR IDEAS Helpful 16-page booklet shows home builders and remodelers how types of windows can fit into contemporary and traditional architecture. Energy-conserving double glazing system, low-maintenance exterior, plus easy washing features are described. Patio doors and wood folding doors are also shown. Rolscreen



2. AN EXCITING NEW ADVENTURE IN COOKING. Built-in and freestanding electric ranges from Jenn-Air feature exclusive built-in surface ventilation to vent smoke and odors out doors, without a hood. "Convertible cooktop" models convert from range to char-flavor grill in seconds. Folder shows all including optional rotisserie, shish kebab, griddle, french fryer. Microwave oven combinations, too

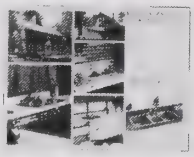
3. AMERICA'S AIR CONDITIONING LEADER presents its quietest home air conditioner with lowest operating costs and all deluxe standard equipment—"The New Premium Round One." If you're thinking about replacing an older air conditioning system this outlined brochure from Carrier is for you.

4. PATIO COVERS designed for fine homes. The Howmet Aluminum Company's informative booklet welcomes you to the wonderful world of outdoor living. Color photographs show Howmet skylight covered patios, woodgrain and translucent domed patio covers, a skylight screen room, even a skylight carport.



5. "THE ORIGINAL HUNTER OLDE TYME CEILING FAN"—12-page new full-color brochure relates the history of the old-fashioned paddle-blade Hunter ceiling fan and why it is making a big comeback today as an energy-saver. Illustrates many models, styles, colors, new decorating ideas, accessories, and blade and control options. Includes installation tips. Comfort Conditioning Division/Robbins & Myers, Inc. $1

6. WHETHER YOU'RE REDECORATING, REMODELING, adding-on, or starting from scratch . . . there's a Weldwood Panel for almost any room or area, in a variety of wood colors and textures. Handy color guide and information on how to buy and install prefinished paneling. Champion Building Products. 50¢



7. KITCHEN AND BATH IDEAS. Deluxe full-color book tells how Elkay stainless steel sinks and other products give a smart contemporary look that flatters any interior . . . blends with every color scheme. New work-saving accessories in many models and sizes. It's all here in this fact-packed colorful booklet on the style-setting line of Elkay stainless steel sinks, lavatories, faucets, waste disposers and shower valves. 25¢

8. "EVERYTHING YOU NEED TO KNOW ABOUT WEAR-DATED CARPET" is a handy, informative booklet explaining the value of Wear-Dated carpets of Ultron nylon. These carpets carry a 5-yr. warranty and entitle the owner to an on-going carpet maintenance assistance program. Monsanto Textiles Company.

9. "GLAMOUR FOR THE EIGHTIES." Unfold this brochure for your consideration of the Delta Aware collection of bathroom and kitchen faucets. Whatever your choice of model or finish; chrome, brass, gold, crystal, Delta has a faucet or accessory for you.

10. REFRIGERATORS, FREEZERS, electric ranges, automatic washers and dryers are clearly featured in four colorful brochures from Gibson Appliance Corporation.

11. NEW HANDBOOK ON WOOD AND WOOD STAINS. A guide to stains and staining by Samuel Cabot Inc. Handsomely illustrated full-color booklet on types of stains, how to apply, color effects, etc. Samuel Cabot Inc. 25¢

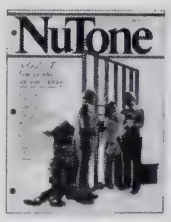
12. NEW CONSUMER ROOFING AND SIDING BOOKLET. Information-hungry consumers will treasure "What You Should Know About Roofing and Siding Before You Build or Remodel"—new 35 page booklet packed with ideas, advice, and illustrations. Bird & Son. 50¢

13. THE BATHROOM PLANNING KIT AND HOMEBOOK are loaded with decorating ideas and sample floor plans for building or remodeling your bathroom. The photographs are sure to start you thinking about colors, fixtures, fittings and floor plans. The kit includes grid sheets and fixture cutouts drawn to scale. Rearrange them until you find the exact design you want. American-Standard. $1.

14. EASY LIVING. This booklet from Mannington shows floors for "easy living" that are among the most stain resistant of all non-wax floorings. Absolutely no re-dressing is needed. Mannington Mills, Inc.

15. "WINDOW MAGIC." Beautiful 28-page color brochure illustrates the versatility of Levolor blinds. Available in over 200 colors, these blinds control light and privacy while providing ventilation and view. Styles to match any room decor. Levolor Lorentzen, Inc. $1

16. "ALL ABOUT INSULATION." This informative booklet explains how you can save money and energy by installing the proper insulation in your home. Includes basic how-tos for do-it-yourselfers. Owens-Corning Fiberglas Corp.



17. BUILT-INS. Delightful color catalogue from the Nutone Electrical Products Division shows its complete line of radio-intercom systems. Musicom stereo systems, residential and apartment security systems, toll chimes, paddle fans, exhaust fans and heaters. All products are designed for comfort and convenience.

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Circle the number of each booklet that you want, and enclose check, money order or currency in amount indicated for those requiring payment. Add $1 for postage and handling. No stamps. Allow up to four weeks for delivery.

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Food created with an artist's touch

Norman Galinsky's favorite recipes.

See them page 159

"Straw and hay"

(Paglia e fieno)

INGREDIENTS

4 tablespoons sweet butter
¾ pound crisp white mushrooms, cleaned and thickly sliced
Salt, freshly ground pepper
1½ cups heavy cream
½-¾ pound egg (yellow) fettucine
½-¾ pound spinach fettucine
2 tablespoons pesto sauce
⅓ cup chicken stock, heated
2 tablespoons prosciutto, shredded
Freshly grated Parmesan cheese

METHOD

☐ Melt 2 tablespoons butter in a deep skillet and sauté mushrooms just until tender. Season with salt and pepper to taste, add ½ cup cream, and cook until cream thickens slightly. Set aside.

☐ Drop yellow pasta and spinach pasta into separate pots of boiling salted water and cook until *al dente.* Drain, return together to 1 large pot, and stir in pesto and remaining butter. When melted, add chicken stock and toss gently to moisten. Add remaining heavy cream. Toss and cook gently until the sauce thickens slightly. Add the mushroom and cream mixture. Taste and correct seasoning. Add the prosciutto, give the mixture a final toss, and serve with freshly grated Parmesan on the side. Serves 4-6.

Twin soups

Adapted from "Yin-Yang spinach and chicken soup," The Key to Chinese Cooking *by Irene Kuo (Knopf).*

INGREDIENTS FOR CHICKEN MIXTURE

½-¾ pound chicken breast, skinned and boned
½ teaspoon salt
2 teaspoons dry sherry
4 egg whites, beaten until frothy, not stiff
2 cups hot chicken stock
2 tablespoons cornstarch dissolved in 4 tablespoons cold chicken stock and 1 tablespoon safflower oil

INGREDIENTS FOR TOMATO MIXTURE

1 small onion, finely diced
2 ribs celery, finely diced
1½ tablespoons sweet butter
2 pounds ripe plum tomatoes, peeled, or 1 28-ounce can plum tomatoes in purée—put through a food mill to remove seeds
1 teaspoon salt
Freshly ground pepper
½ teaspoon sugar
2 cups hot chicken stock
1½ tablespoons cornstarch dissolved in 3 tablespoons cold chicken stock
Fresh parsley, finely chopped, for garnish
Fresh basil, finely chopped, for garnish

METHOD

☐ Trim all fat and gristle from the chicken breast and remove the white tendon. Sprinkle with 1 tablespoon water and dice-chop into fine pieces until almost a purée. Place in a bowl, stir in salt and sherry, fold in beaten egg whites and mix until smooth and fluffy. Refrigerate until needed.

☐ Sauté onion and celery in butter in a large saucepan until soft. Add tomato purée, salt, pepper, sugar, cook until mixture thickens. Stir in 2 cups hot stock, bring to a boil. Reduce heat to low, add cornstarch, stir until smooth and creamy. Cover, keep warm over very low heat.

☐ Bring the remaining 2 cups hot stock to a boil in a separate saucepan. Reduce heat to low and add the puréed chicken and egg-white mixture. Stir until the chicken turns white, about 1 minute, then stir in the dissolved cornstarch until smooth.

☐ To assemble the soup, hold the pan containing the tomato mixture in one hand, the pan of chicken mixture in the other, and pour slowly and simultaneously into a large serving bowl, taking care not to blend the soups. Vary the shape of the soups by adjusting the motion of the saucepans while pouring. Sprinkle with parsley and basil and stir soups to mingle just before serving. Serves 4-6 as a first course.

Saffron rice and cauliflower

INGREDIENTS

5 tablespoons sweet butter
1 small onion, finely chopped
2 cups raw long-grain rice
Salt
Dash cayenne pepper
3 cups chicken broth
Bouquet garni: 3 sprigs parsley, 1 sprig fresh thyme, 1 bay leaf
1 teaspoon saffron threads
1 small head white cauliflower
1 small head purple cauliflower or broccoli
Freshly ground white pepper

METHOD

☐ Heat 2 tablespoons butter in a saucepan. Add onion and sauté until soft but not browned. Add raw rice and stir to coat with butter. Season with salt to taste and cayenne. Stir in chicken broth and saffron; add bouquet garni. Bring to a boil, cover, bake in a preheated 400° oven 17 minutes. Discard bouquet garni, stir in 1 tablespoon butter with a fork, and spoon rice into the center of a shallow bowl.

☐ While rice cooks, break the 2 heads of cauliflower into florets, rinse well, and steam until tender. Toss with 2 tablespoons butter until well coated. Season with salt and white pepper to taste and arrange, alternating white and green florets, around rice. Serves 6.

Poached striped bass with beurre blanc and fresh herbs

INGREDIENTS FOR FISH

2 pounds bones from non-oily fish
1 fish head, gills removed
1 cup dry white wine
1 cup onions, thinly sliced
1 carrot, sliced
2 ribs celery, coarsely chopped
3 sprigs fresh thyme
4 sprigs parsley
1 bay leaf
2 cloves garlic, crushed
1 lemon, quartered
10 white peppercorns
Salt
1 3½-5-pound striped bass (or red snapper), cleaned and gills removed—leave head, tail, and other fins on
Lemon slices for garnish
Lemon balm, lemon verbena for garnish

INGREDIENTS FOR BEURRE BLANC

3 tablespoons shallots, very finely chopped
⅓ cup rice wine vinegar
¾ pound sweet butter, in small pieces
About 3-4 teaspoons lemon juice
Salt, freshly ground white pepper
2 tablespoons each fresh parsley and dill, finely chopped, or lemon thyme and marjoram

METHOD

☐ Combine all ingredients for fish except bass, lemon slices, and lemon balm in a large pot with water to cover, and simmer 20 minutes. Strain into a fish poacher, bring to a boil, then reduce heat to a slight simmer. Lower bass into poacher. Add warm water if liquid does not cover fish. Cover poacher and simmer gently just until fish flakes (about 10 minutes per inch thickness of fish). Remove from heat and let fish rest in liquid about half the length of cooking time (if longer, the fish will be overcooked) while preparing the beurre blanc.

☐ Combine shallots and vinegar in an enamel saucepan and reduce over medium heat until almost dry. Begin to whisk in the butter over very low heat. After adding half the butter, whisk in lemon juice to taste. Whisk in remaining butter, season with salt and pepper. Keep warm while you lift fish from poacher, let drain, and slide onto a warm serving platter. Garnish with lemon slices and lemon verbena and lemon balm. Fold fresh herbs into beurre blanc and spoon over each portion of fish as it is cut and served. Serves 4-6. ■

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for active adult dogs ages 1-7.

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veterinarians to feed a dog is to nutritional needs.

esearch company. While they weren't asked to recommend a specific brand of neet his changing nutritional needs. Cycle® dog food was specifically developed to ow Cycle helps keep your dog healthy and alert, now...and for the rest of his life.

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for less active dogs who get too many calories.

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f your dog.

Cycle® 4 DOG FOOD

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Cycle 4 is specially formulated to meet the nutritional needs of dogs over seven. Cycle 4 is made with high-quality protein for their delicate digestions. With the extra minerals and vitamins a dog over seven needs to help keep his bones, teeth and kidneys functioning properly. Cycle 4 is all you need to feed your dog to help keep him happy and healthy in his later years.

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... FTC Report Dec.'79.

Warning: The Surgeon General Has Determined That Cigarette Smoking Is Dangerous to Your Health.

LITTLE IDEAS THAT CAN MAKE YOUR SPACE FEEL BIGGER

We know your problem: You want more space, but you don't want to buy a new house or rent a new apartment in order to get more room. Skyrocketing housing costs all across America are making many of us consider the only alternative: fixing up what we already have. There are a number of remodeling and redecorating solutions that can give you the space you want without sending you into debt. Here are several "re" ideas—some old, some new, all geared to give you the most for your money.

BRING IN BUILT-INS. Storage is one of the biggest space problems in every house. Once you've eliminated everything you can do without (the first step to planning new storage), consider the space-saving potential of built-in bookcases, closets, even whole storage walls that can fit into unwanted or unused peripheral spaces around your house. A long, narrow corridor will not be any less passable with a one-foot-deep storage wall. Don't hesitate to use other underused areas, too—dining rooms, guest rooms, entry halls—for built-in storage: remember, you're only whittling away around the edges while still preserving the main function of the space.

RAISE A DOORWAY. Bringing a doorway up to ceiling height can open up a room. This is especially true if the room is unusally small to begin with, and even more so if there is more than one doorway leading out of the room. A new door and new doorframe will be needed, but it's neither a costly nor difficult operation. In some kinds of houses this might not be desirable—it'd be a shame to spoil the small proportions of an original Cape Cod saltbox, for example—but for many houses this is a simple solution that pays big dividends in perceived space.

ADD A GREENHOUSE WINDOW. The house-plant boom has brought a big increase in the availability of what was once just a specialty item. A greenhouse window, aside from giving more space (and better light) to house plants, significantly adds to our sense of a room's size—especially where it replaces an existing inadequate window. The mini-greenhouse suggests a unity of indoors and outdoors that makes it a double-duty space extender.

RETHINK WALL-TO-WALL CARPETING. Over the years, wall-to-wall has had its ups and downs. At one time it was the *sine qua non* for status decorating, but later it lost favor to the again-fashionable area rug. Now, when people want problem-solving decorating solutions and not just fads in home furnishings, wall-to-wall carpeting is being evaluated once again. One of the biggest of those plusses is the sense of visual unity that it brings to a room—or even a whole house, especially one in which spaces open widely onto one another. Give it a thought.

ADD A DECK. Don't forget your outdoor living space, especially if you want an addition to the major entertainment area inside your house. A good example can be seen on p. 185, but there's no one perfect design: it must be suited to your specific needs and to the design strengths and weaknesses of your house. And if you live in an apartment, think about that adjacent unused space—roof, terrace, or patio—that can be improved with easy-to-assemble components that you can take with you if you decide to move.

TEAR DOWN A WALL. Two small rooms combined into one often make the resulting space seem greater than the sum of its parts. (Your options, of course, are limited by the architecture of your surroundings.) The wall, obviously, must not be a structural support. And there are other important considerations: smaller rooms are easier to heat than large ones; resale value of houses often depends on number of rooms, not their size; landlords are unlikely to let renters make such changes. Even so, this remains the single most effective way of actually *creating* more space.

MIRROR A WALL. This is a trick known to every developer: Take a look at almost any model house or apartment, and you will see mirror cleverly applied to walls to disguise structural oddities, and to make small spaces seem larger. The solution may not be original, but it's effective, especially when used selectively and within the context of a room's architecture—to balance a window, for example, or to define a smaller area (say for dining) within a larger space. Don't go overboard (you don't want to feel like Orson Welles in *The Lady from Shanghai*), but don't overlook this time-tested, dollar-wise strategy.

ADD A SKYLIGHT. It's not as hard as it might seem, and now with all kinds of attractive, easy-to-install and easy-to-maintain skylights on the market, you can reconsider this effective way to bring new light and a feeling of space into the interiors of your house. *And there are more ideas.* The following pages are filled with suggestions for getting the most from your existing space. Take up the challenge of getting the most from what you already have—you might be surprised to find out how much that really is!

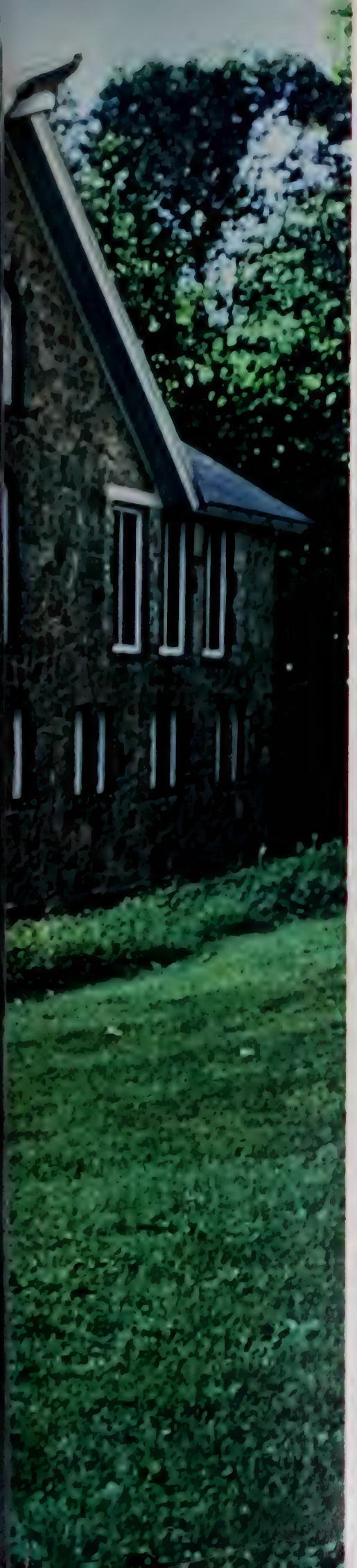
Elliott Erwitt

REMODELED HOUSE, REMODELED LIVES

AN OLD STONE BARN BECOMES THE FOCUS OF A NEW WAY OF LIFE

Dramatic dining room was converted from old hayloft of Norman and Ellen Galinsky's renovated barn near New York City. Raftered 18-foot ceiling was left exposed, new spruce flooring was laid, new white-painted wood wall built to divide space from kitchen. The Galinsky's fine antiques include Bakhtiari garden rug under 19th-century French dining table, Navajo rug on stone wall. Over antique English pine sideboard hangs yellow-framed painting by Norman Galinsky.

REMODELED HOUSE, REMODELED *LIVES*



HOW AN ACTIVE, CREATIVE FAMILY FOUND THAT REMODELING CAN LEAD TO SOME IMPORTANT DISCOVERIES

By MARTIN FILLER

Ten years ago, Norman Galinsky was a 28-year-old chemical engineer who wasn't particularly satisfied with his career. Today, he is a successful artist whose works are shown in galleries from coast to coast. Ten years ago, Ellen Galinsky was a 28-year-old teacher and writer of children's books who ten months before had given birth to their first child. Today, she happily balances careers as author, photographer, mother, child-development consultant, and television commentator. Ten years ago, Philip Galinsky was just ten months old. Today, he is a creative fifth-grader who writes and shoots his own movies, and plays in a fledgling rock group called the Stingrays. Ten years ago, Lara Galinsky was not even the proverbial gleam in her father's eye. Today, she is an imaginative six-year-old who will soon be discovering the wonders of first grade.

"Ten years ago, we'd never have been able to predict what our life is like today," says Norman Galinsky. "But we really didn't make a conscious effort to change our lives. We just decided to take a chance." Center of their lives and symbolic of the chance they decided to take is their house, a converted fieldstone stable near New York City, originally built in 1887.

The story of the Galinskys and the renovation of their house is in some ways a quintessential story of the '70s. Their values are significantly different from those of previous generations and earlier decades. The rejection of stereotyped sex roles, adapting accepted standards to encourage personal expression and growth, and above all the ability to do what they really want, are all important developments in their lives.

The '70s saw many of the liberating ideas of the '60s put into practice. Unfortunately, the '70s also saw the growth of irresponsible self-absorption that led to those years being called, with some justification, "The Me Decade." But the kind of life led by the Galinskys—creative, busy, committed to principles supportive of the family and sustaining to the individual—points in a new direction that combines the best values of the '60s and the '70s for living in the decade just now beginning.

Out for a stroll on two acres of wooded land surrounding their house are, from left, Norman, Lara, Ellen, and Philip Galinsky. First floor of renovated fieldstone stable contains large entry hall, artist's studio, storage, and garage. Living area is on second floor, more storage on third.

Norman and Ellen, who have known each other since their high-school days in Charleston, West Virginia, had been married for five years in 1970 when he began to have doubts about how he was spending his days. "My interest in both science and art has been strong since I was a child," he recalls. "But when I was growing up, art wasn't encouraged as something you should pursue as a career. Being an artist just wasn't thought of as being a *real* job."

Ellen's attitudes on how to lead her life were already positively influenced by the experiences she had growing up in a small community—especially being close to people of all generations. "What interested me most were the choices people had made—or didn't make—in their lives, and how they felt about them as they got older. What I learned was that

Continued on next page

Elliott Erwitt

REMODELED HOUSE, REMODELED LIVES

THEY CREATED SPACES TO BE CREATIVE IN—THE TWO BIGGEST CHANGES WERE A BIG NEW KITCHEN, AND A SPACIOUS STUDIO WHERE WORK AND PLAY OVERLAP

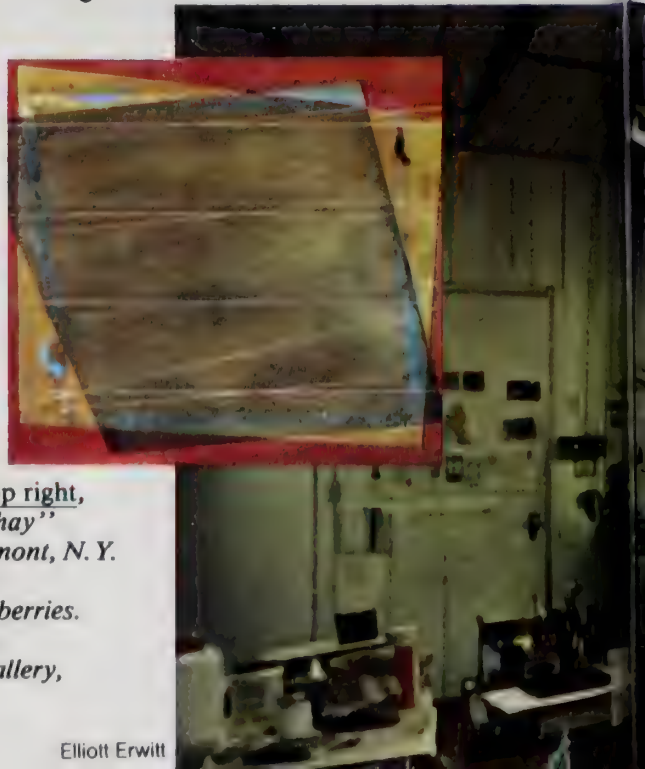
you should do what you really want to do. The people who were the most regretful were those who had a dream but who never tried to make it happen." Norman, who went to his demanding 9-to-5 job during the day, but who sometimes stayed up until 4 A.M. to paint, finally decided that it was time to make his dream happen.

He quit his job, and enrolled in Columbia University's School of the Arts, while Ellen worked at her teaching job nearby. After he completed his studies in 1973, they began to search for a new house with adequate studio facilities. "We started looking for a house with a barn that Norman could use for his painting," remembers Ellen. But when they found the old stone stable, that was *it*. "We hadn't thought of having a house this big," she says of the 9,000 square feet of space—3,000 of it for living—on three stories. "But it represented what we wanted most—to live with each other in a way that our work would be a real part of our everyday lives."

They didn't start out with a whole new way of life as their objective. But the combination of a new house and Norman's new career led to a significant alteration in the way the Galinskys live. It gave them the opportunity to make their house the outward expression of their most important inner feelings—something that many of us might be capable of, but which few of us have been really brave enough to try.

"In my art, I've always been interested in the relationship between color and structure," notes Norman, and the way in which they remodeled the old stone barn reflects that interest.

Continued on page 160



Two areas of the house where Norman spends most of his time—the kitchen, top right, and the studio, bottom right. Above left, lunch of paglia e fieno—"straw and hay" pastas. Handmade stoneware plates by Grace Knowlton, Piermont Exchange, Piermont, N.Y. Other Galinsky specialities, right center: Poached striped sea bass sprigged with lemon balm, lemon verbena; Twin Soups; Cranshaw melon balls and fresh raspberries. For recipes, see page 148. Inset: Pastel from Norman Galinsky's "Acoma" series. His graphics are at Barbara Gladstone Gallery, New York City; van Straaten Gallery, Chicago; Joyce Hunsaker & Associates, Los Angeles.

Elliott Erwitt

REMODELED HOUSE, REMODELED LIVES

Living room and master bedroom were both created from one space running length of old barn. Living room, above, is furnished simply with fine old pieces. Right: Master bedroom has same exposed fieldstone walls, brick fireplace, white-painted wood beams.

The barn was first converted into a house in the '30s, and when the Galinskys bought it, it had been used most recently as a hippie commune. "We decided to strip away as much as possible to get back to the essential feeling of the place," explains the artist in residence. "The basic architecture of the house is very strong, and rather than decorate it, we wanted to let that feeling of simplicity and strength come through."

They asked architect Wallace Heath, who had originally redesigned the barn over 30 years before, to carry out their very specific remodeling ideas. Norman is an inveterate clipper of design ideas from magazines and newspapers, so when the time came to renovate his own house, he was well prepared. Most of the renovation involved creating new spaces and refining details. Some spaces were opened to make a new studio; some spaces were closed to make a new living room and master bedroom. Inexpensive spruce flooring was laid in the living room and dining room; industrial carpeting was laid in bedrooms and baths.

But the most dramatic transformation was the construction of a thoroughly modern kitchen, the amalgam of all of Norman's and Ellen's ideas of what an ideal kitchen should be. In fact, this part of the story might well be entitled *Mr. Galinsky Builds His Dream Kitchen.* Though Norman has been interested in cooking since he and Ellen were first married, with his career change his day-to-day involvement with food rose rapidly. A typical day for Norman now includes driving his wife and children to work and school in the morning, several hours of work in his studio, preparation of a simple, exceptional evening meal, picking up his family in the afternoon, and then returning to his studio for more work after supper. ("He *still* sometimes works till 4 A.M.," confides Ellen, recalling his days as a full-time scientist and a part-time painter.)

Norman's special dinners are legendary among their friends. "Norman is a perfectionist," Ellen observes. "When he plans a dinner party, it's entirely his show." Both sides of his professional background come through in his cooking: Many scientists enjoy cooking as a hobby, a relaxation that is similar to their work, which also involves measurement, combinations of ingredients, and the chemical reactions among them. But as an artist, Norman is also very much

Continued on page 236

THEY BROUGHT ROOMS BACK TO BASICS— OLD STONE, WARM BRICK, WOOD BEAMS— BUT DIDN'T FILL THEM WITH THINGS. JUST A FEW GOOD PIECES WERE ENOUGH

Chris Reinhardt

After-school get-together of Galinskys, above, includes audition of Philip's newest guitar composition for his rock group, while Lara shows her latest drawing. Ellen, a child development specialist and author of several books for children and adults, has recently appeared on the "Mr. Rogers Talks to Parents About . . ." specials on PBS television.

Before

Decorating in 3 moods

Decorator Mark Hampton takes an L-shaped room and suggests ways to make a very common space uncommon

1. MAKE IT SOFT AND ROMANTIC

Turn the page to find ou

Decorating in 3 moods

Good decorating is a simple matter of a few fundamental decorating principles plus a little imagination. To give you an idea of just how basic it can be, designer Mark Hampton took one ordinary L-shaped room, *preceding page inset* and *plan, below*, and gave it three completely different looks—turn-of-the-century, modern, and traditional. Each room works for both living and dining, and is filled with furniture and fabrics readily available across the country. Costs were about the same with each style, furniture and fabrics running about $7,500, labor and accessories additional. Of course you probably have enough of your own furniture to get you started, and you don't have to do the whole room at once. Once you determine the look you're after, the next step is to study its decorating principles. Consider the turn-of-the-century room. The fundamental principle behind creating a voluptuous, romantic look like this is to fill the space with yards and yards of fabric and curvaceous, tufted upholstered furniture. You do not, as you might expect, have to have a collection of expensive turn-of-the-century antiques. (In fact, the only patently Victorian-style piece in this room is the marble-topped dining table.) You might think that such an abundance of fabric—tacked on walls, upholstered on furniture—would be overpowering, but the room is tranquil. The secret? Furniture, fabrics, and accessories collectively create one verdant mood. Contributing to the sense of order is the strict symmetry of the furniture arrangement: matching love seats facing one another, each one flanked by a matching chair.

1. MAKE IT SOFT AND ROMANTIC

"The method is to use the same pattern and color on walls, windows, overstuffed furniture."

Above: *The turn-of-the-century room (see preceding page), with two love seats ($1,067 each), four tufted chairs ($341 each), bench ($179), cocktail table ($619), sofa table ($369), dining table ($589), and four dining chairs ($259 each), for a total of $6,290. All furniture by Drexel Heritage. Total fabric costs—$1,422: P. Kaufmann's "Flora" (70 yards for the walls, 40 for the love seats, 35 for the curtains and pillows, and 2 for the bench) was $1,176; 41 yards of "May" by Bloomcraft, $246. All prices are approximate.*

Another important decorating principle to keep in mind: For every room there can be several furniture arrangements, several looks; but there's *one* optimum furniture arrangement for each specific look. Case in point: The same L-shaped room gets a modern look with furniture arranged on 45-degree angles. On the floor, bold gray-and-white stripes, colors that automatically evoke a modern graphic mood, are painted on the diagonal to stretch the space, disguise its L-shape. Furniture was arranged first to determine how stripes should be painted. Later each unit was placed on one stripe. The result: modules that gather a momentum of their own as they zigzag away from walls, diminishing the walls' importance. The look: free-flowing spaciousness.

Above and opposite page right: *In the modern room, lower furniture costs allow for heftier fabric investment. Total cost of furniture, all by Drexel Heritage, was $4,931: one corner section, $495; five armless units, $429 each; two ottomans, $264 each; dining-table/desk, $629; two armchairs, $325 each; and four upholstered benches, $121 each. Total fabric cost was $2,672: 95 yards of HGH Design Group's "Washington Square," at $25 a yard, for upholstered units, and 11 yards of "House in Space," at $27 a yard, on seat pads and pillows.*

Karen Radkai

2.
GIVE IT GRAPHIC PUNCH

"Grab great ideas from modern art and use optical illusions to stretch your space"

Decorating in 3 moods

Karen Radkai

3. CREATE A GEORGIAN FEELING

One more important decorating rule to remember: Be open-minded and flexible. "People think that a room dictates its own look," says Mr. Hampton. "But it's *you* who decides." Consider this L-shaped room with no distinguishing features. "This room's greatest drawback, its lack of architectural detail, is really a plus; there's nothing to tie you to one specific look." In the modern room, for example, walls are painted white, with no moldings or embellishments. They become a neutral background to what is inside the room. "In a contemporary space, the shapes you bring into the room are much more important than the shape of the room itself." Even tiny-paned windows were made invisible: Levolor blinds unfold right into the screen cut to window-niche height. (The screen is easy to make by hinging together tall, thin plywood panels.) The art, too, defies the flatness of the walls, its nonrectilinear shapes going off in directions of their own (constructions by Barbara Valenta, Betty Parsons Gallery). "Together the art and the screen make the 45-degree angles of the interior space—a kind of visual pun," says Mr. Hampton. In the turn-of-the-century room, the nondescript walls are covered with fabric staple-gunned to furring strips tacked to wall edges. If you thought that creating a romantic turn-of-the-century mood meant starting with an authentic Victorian room, here's proof that fabric can project warmth and charm just as easily. "The main thing to remember," cautions Mr. Hampton, "is that if you're going to pattern a wall, whether with fabric, paper, or paint, make sure the pattern blends into the room. If the pattern makes the walls stand out too much, walls can become overbearing, confining." This does not mean that walls should never be distinguished. To create a room with a traditional mood, for example, Mr. Hampton painted the walls of this L-shaped space a deep delphinium blue. Then to accentuate them, white moldings (available at lumberyards) were applied in panels reminiscent of Georgian-style architecture. "The fundamental principle behind a traditional look, regardless of what tradition you're imitating, is to make the

"Carry out your scheme in today's bold colors—period rooms don't need to be pale"

room itself look traditional—furniture and fabrics are supplementary." Since Georgian-style rooms are typically grand in scale, the chair rail was placed just above the baseboard to visually raise the ceiling.

Scale is crucial in a room where architectural detail helps determine the look." A traditional 18th-century pattern was painted on the floor, its original centuries-old scale retained. "Large-scale pattern used in a small room can create an illusion of space," says Mr. Hampton. The floor's colors were all borrowed from the chintz, a traditional pattern updated by modern colors. Used just for the armchair, valance, and curtains, it seems to have been used everywhere: That's because its predominant colors turn up on their own on the sofa, one armchair, and on the Chippendale-style chairs. The coral tablecloth gives just the right amount of punch to the profusion of soft color, without overpowering it. In this room, color, more than furniture, creates the traditional look (and if you doubt the power of color in this room, imagine the room with all-white walls; or, instead of the contrast of blue and peach, with all-blue or all-peach). For details on painting all three floors, see The Inside Story.

Left and above right: *For the traditional room, furniture by Drexel Heritage: upholstered sofa ($1,309) and chairs ($495 and $330), four Chippendale-style chairs ($239 each), bachelor's chest ($469), drop-leaf table ($309), writing table ($589), pedestal dining table ($699), two faux-bamboo armchairs ($369 each), butler's table ($369), all for a total of $6,263. Fabric: printed cotton chintz, peach cotton, green taffeta, all by Hexter. Coral chintz tablecloth, Bloomcraft; total, $1,357.75. All prices approximate.*

LIVING ROOMS FOR A LIVING LEGEND

HOW A FAMOUS FRENCH DECORATOR LIVES

In a memorable apartment on the Left Bank of Paris lives a spruce little woman named Madeleine Castaing. She is to the history of interior design in France what Elsie de Wolfe was to interior design in America, what Syrie Maugham was to interior design in England. The styles of those three legendary decorators have little in common, but each made a major impact on interior design. Elsie de Wolfe helped bring interior decoration out of Edwardian stuffiness and into the 20th century. Syrie Maugham helped develop the eclectic, comfortable traditionalism that is still the source of much interior design today. And Madeleine Castaing is the author of a style—warm, elegant, personal, refined, light, and very special—that defies a label any more specific than just *le style Castaing*.

The year was 1941, the place was Paris. The City of Light (after a year of occupation under the Nazis), had become The City of Darkness. Forced to live in the city after her country house had been confiscated by the German High Command, Madeleine Castaing opened a furniture shop in the Montparnasse section of Paris. There had been nothing quite like her new shop before. The walls inside were painted glossy black, and wags insisted "Borniol [a well-known Paris undertaker] is moving to the rue Cherche-Midi." On the floor was the flamboyant ivy-patterned carpet that had just been pulled up from the Chamber of

Continued on page 234

RIGHT. MIXTURE OF PERIODS IN ADJOINING BEDROOM OF COUNTRY HOUSE IS PURE CASTAING STYLE. SECOND EMPIRE CHAIRS, BIEDERMEIER SECRETARY, RESTORATION CHANDELIER, ADAM MIRROR, NEEDLEPOINT RUG.

Henry Clarke

LIVING
ROOMS
FOR
LIVING
LEGEND

WELCOME
THAT PROMISES EASE AND DELIGHT

ENTRY SALON AT MME. CASTAING'S COUNTRY HOUSE, *LEFT*, COMBINES SOFT, CURVING LINES WITH SERENE COLORS TO GIVE FEELING OF HOSPITALITY AND PLEASURE. LEOPARD-PATTERN CARPET CONTINUES INTO ADJACENT LIBRARY, *RIGHT*, WITH FINE ENGLISH REGENCY PIECES, INCLUDING EBONIZED ÉTAGÈRE

THE ESSENCE OF FRENCH STYLE: UNEMBARRASSED RICHNESS

MADELEINE CASTAING'S PARIS APARTMENT HAS GRANDEUR THAT DOES NOT INTIMIDATE—IT'S TOO PLEASURABLE FOR THAT. ROMANTIC BATHROOM, *RIGHT*, HAS PORCELAIN-MEDALLIONED TUB SET INTO EMPIRE NICHE. DINING ROOM TABLE, *LEFT*, IS ALWAYS KEPT SET: "A HOUSE MUST BE ALIVE," SHE SAYS

LIVING ROOMS FOR A LIVING LEGEND

MONEY SMART STRA

HOW YOU CAN COPE WITH INFLATION AND PUT YOUR HOUSEHOLD ON A FIRM FINANCIAL FOOTING

BY NANCY RICHARDSON

WHAT'S HAPPENING AND HOW IT GOT THAT WAY:

Theodore H. White has described inflation and its effects on society often: "Inflation, in the past four years in American life (writing in 1968, *The Making of a President*) has ravaged our standards of behavior. As in other inflations I have lived through . . . in China during the war, and Germany and France after the war, the beginning ravages are almost unnoticeable, indeed, pleasant. As inflation continues, however, it changes moralities, it destroys reason itself. . . . Not saving, but shrewd spending becomes the mark of wisdom in planning; the 'operators,' not the creators, thrive."

How is it that we come to have a rate of inflation that inspires not only Theodore White but scores of other commentators to compare our situation with some of the worst inflations in history? The very variety of the explanations suggests the complexity of the problem and why economists have come to suspect the belief that you can tinker with the economy as though it were inanimate machinery operating in a vacuum. A partial list of causes includes the government's need to pay for old wars (especially Vietnam) and new weaponry, OPEC's pricing of oil, our country's falling productivity, excessive government regulation of business, and perhaps the most difficult to deal with politically, the ever-increasing deficit the government runs in order to finance the welfare state.

The origin of the welfare state, says author, Pulitzer Prize-winner and *Newsweek* columnist George F. Will, "came with Bismarck and Disraeli who reasoned that to have the benefits of a free-market economy, you will also have uncertainty and the risk of failure. The welfare state, then, was conceived as the net, underneath a free market. It is possible today to have both a welfare state and stable prices. As recently as 1965 we had both. There was a gusher of revenues coming from economic growth. At the same time, however, as a nation we were translating civil rights into economic rights. The result—entitlement programs that have been growing faster than the economy."

The cure? Most proposals depend on government policy. And whether or not we will suffer during the cure is a loud argument among economists. Those like Barry Bosworth of the Brookings Institution, John Kenneth Galbraith, and Robert Lekachman believe in some sort of wage and price controls in order to buy time to institute changes. Others believe in stimulating the private sector to recreate a growth economy which in turn will produce revenues to support government spending. According to David Rockefeller, chairman, The Chase Manhattan Bank, "Our government must step up its efforts to encourage real productivity gains—through stimulating such areas as business capital investment and research and development, both of which have suffered in recent years. Fighting inflation will require nothing less than a consistent, coordinated effort from all sectors of our economy—attacking both the demand and supply sides of the equation."

What can we do to influence government policy? Number one: Vote. Exercise the most important right in a free society. Second: Write letters to congressmen. Yes. They read them. But there is also a third: Californians in particular would say that we should all be asserting our right to petition. When Howard Jarvis and Paul Gann put Proposition 13 on the ballot in California in June 1978, it cut property taxes drastically. Other versions of Proposition 13 are being put to a vote in 10 states this year. On June 3, Jarvis's Proposition 9 will come to a vote, and if passed, will cut California state income taxes in half.

Apart from what the government does to cope with inflation

TEGIES FOR THE 80'S:

what you can do to influence the government to cope, there many things you can do to put yourself on sound financial ting come what may.

OUR HOUSE OR NOT?

ou own your house you are already fundamentally safe. "The the American middle class has solved its economic problems far as inflation goes over the past 10 years is by owning ses," says Irving Kristol, author of *Two Cheers for Capital-* (Basic Books) and editor of *The Public Interest.* Economist ton Friedman in *Free to Choose* (Harcourt Brace Jovanovich) ws how that's worked: "Almost every person who has owned me in the last two decades has benefited from inflation . . . If ad a mortgage, the interest rate was generally below the rate nflation. As a result, the payments called 'interest' as well as se called 'principle' have in effect been paying off the mort- e. . . . The way this becomes apparent to the homeowner is his equity in the house goes up rapidly. The counterpart is a to the small savers who provided the funds that enabled sav- and loan associations, mutual savings banks, and other insti- ons to finance mortgage loans."

What are the cautions? Ken Lipper, general partner of Salo- n Brothers, Wall Street investment bankers, and a Columbia versity professor, says that "in uncertain times, people with ssive borrowings relative to income, such as second mort- es based on recently inflated housing values, may look very rt in the short run. But with even a temporary deflation of sing prices or recession-imposed unemployment, they may their homes." Perhaps prudence is the old rule of thumb— nore than 30 percent of your income for housing. Two-salary ilies often have more mortgage money available to them than should take advantage of. Some experts advise basing the tgage on what one salary can afford.

Donald McShane, a New York gold expert and financial ad- r, feels that young couples shouldn't buy a house until they e 30 percent or 40 percent down. "Don't count blindly on fu- earnings to pay everything off. In times of inflation you do t to borrow, but realize we are at a peak now."

Chris Welles, a freelance financial writer, offers more cautions encouragement: "Don't buy in areas that are overbuilt, re neighborhoods are deteriorating rather than improving, in hborhoods dependent on one industry, or in an area with a tation for pollution. Real estate, however, will continue to reciate. In spite of an actual recession in '73-'74 when hous- *starts* were off, the prices of houses to the consumer still *rose.* at keeps pushing the prices of houses up is the price of raw erials."

Buy a house as a place to live, not as an investment," says e Forbes, senior editor, business and economics, of *Forbes.* e psychic joys of having your own pad are real. You should buy a house under the illusion that this is an investment in financial sense. The housing market recently has given people feeling of wealth. If you bought a house 10 years ago, sold it ntly at a big profit with a small mortgage still on it, you then d pay off your mortgage, put a down payment on a new se, take out a new mortgage, and have a big chunk of money over. What's thought of as 'leftover money' hasn't gone into stment but has been treated as income. It's why we haven't a recession in the last two years. This kind of 'refinancing' permitted $100 billion in consumer spending."

Housing prices are beginning to decline in much of the coun- and may no longer climb faster than the inflation rate as they have for the last five years. Late last February two Goldman, Sachs & Company economists, Gary Wenglowski and Rosanne Hersh (*The New York Times*, February 17) predicted that "housing prices may level off for a while but will begin to move higher later . . . prices will be restrained by high interest rates and mortgage availability but they will be aided by strong underlying demand . . . . housing through the early '80s is likely to preserve the illusion of wealth, even if it doesn't pump it up the way it has done."

CREDIT—MEANS DEBT?

Most everyone agrees that going into some form of debt is a way to beat inflation. But there are, more and more evidently, good ways and bad ways of going into debt. Consumer prices in 1979 rose by 13.3 percent. President Carter's anti-inflation counselor Alfred E. Kahn wants to institute credit controls that would restrict the down payments and repayment periods on consumer loans as a way of checking the inflation growing out of high consumer spending.

Avoid going into debt purely for purposes of consumption, says Irving Kristol. "You must figure out a way to spend your money that's also an investment. It really doesn't make economic sense to go into debt just to take a wonderful vacation. Going to night school can be an expenditure that's also an investment because it prepares you for a better career."

Credit cards and charge accounts have a way of not seeming like debt. Donald McShane describes consumer debt this way: "sometimes a two-salary household has a feeling of affluence, but what is really happening is they're systematically spending $10,000 a year more than they make simply by using the credit available to them. My advice is to be sure you don't buy *everything* on time."

SALARY

One way to plump up the fortunes of a single-salaried household, of course, is to have two salaries—the major way that Americans have already found to cope with inflation. Donald McShane even posits a highly profitable household in which both man and woman work at jobs. Then on the weekends they develop a small business out of a hobby or interest which is run, during the week, by a manager. "There are tremendous tax advantages to owning a small business. Choose a simple one without too much inventory, put your car on the business, let the business's accountant do your personal bookkeeping and taxes. In business for yourself you are in the best position to make a living, beat inflation plus taxes, and still build capital. Wives who have the temperament for it should probably start a small business of their own rather than taking a job."

TAXES

What we all complain about most bitterly is not just how little we make (that may be true, too) but how much is taken out of it. Steve Forbes gives the riveting example of a family of four who in 1967 made $8,000 and today makes $20,000. Their taxes today, however, are so huge (and prices so high) that their real purchasing power is less than in 1967. This means what? It means that salaries swollen by inflation have pushed us up into even higher tax brackets. "Excessive taxation directs our activities away from what's most efficient—to tax-exempt bonds, tax shelters. You spend your intellectual energy not on how to get ahead but on how to shield your taxes. We need tax cuts and we

Continued on page 228

3 weekend kitchen remakes that busy

In 8 weekends

Roger Bester

:ople did themselves

major overha

Cabinet making:

Kitchen cabinets were built in a day: Simple instructions, exact engineering make assembly a breeze. Parts are delivered to your door.

Sides lock together

Back panel on track

Fasten to the wall

Hinges are hidden

Remake I

Time-saver for a big job: ready-made, assemble-yourself kitchen cabinets

What could be a greater inspiration for remodeling than this bright cooking center for two? It was just an ordinary kitchen, workable but weary, until the young couple who lives here transformed it, doing all the work themselves. "We'd had some practice improving the kitchen in our previous house," says Tom (see it in House & Garden, April 1978), "and when we moved, we were ready for the big time!" Putting their design sense and knack for carpentry to work, the Falzaranos dismantled the kitchen, exchanging the old, dark cabinets and tired floor plan for a brand-new arrangement, with birch cabinets and drawers they put together themselves (see left) and a cooking peninsula with a built-in range.

"***The idea of installing a cooking peninsula was a stroke of genius;***" says Tom, "something we wouldn't have thought of without the help of Sawhill Furniture, where we ordered our cabinets. Patti and I never thought a peninsula would fit in a 9-by-12-foot room, but it did, changing the whole feeling of the kitchen!"

Birch-veneer storage was an additional improvement "We'd shopped at kitchen centers, and talked to several consultants, but nothing caught our eye until we saw Star cabinets, and discovered we could build and arrange them ourselves. Choosing the various units we needed was like putting together a new system of stereo components. And inner details like adjustable shelves, and options like the pot rack and lazy Susan, make organizing easy. Our local Star dealer, Sawhill Furniture, helped us with the floor plan, and 4 weeks later the components were delivered—a real time-saver, with both of us working. The next Saturday morning we were sitting on the kitchen floor building our own cabinets and drawers!" Total cost for the do-it-yourself storage: about $4,500. A comparable Star system faced with white laminate would be about half the price.

Serious reconstruction included repositioning the back door, putting in a new ceiling and recessed Progress lights, and laying down a new subfloor. Insulated casement windows from the National Woodwork Manufacturers Association replaced old windows. Wooden grids snap into their frames so they look just

fter: Streamlined and efficient—do-it-yourself Star cabinets, a versatile Jenn-Air range.

Roger Bester

e the old-fashioned paned windows in
: rest of the house. "We started in Oc-
ber, working weekends, with Indian
mmer on our side," says Tom. By the
ne winter arrived, newly insulated
lls were snug, and the inner workings
the kitchen began to take shape. The
ninsula and neighboring drawers were
talled, along with a new Jenn-Air
nge. "It's the Rolls-Royce of the kitch-
" says Patti, "our big extravagance. We'd just bought a stove, but the back of it was too high for the new peninsula. Instead of feeling stuck, we sold it, and bought what we've always wanted—the Jenn-Air." Grill vents directly outside through underfloor ducts, so there's no overhead hood to interfere with the new open feeling of the room.

Tom installed the long L-shaped white Formica countertop himself, with cabinets below, for an unbroken stretch of work space where the old back door used to be. Deciding on the Marimekko wallpaper was easy: "My favorite book is covered in fabric of the same design," says Patti. Bright red tiles were a finishing fancy: "The room is so trim and tailored, we wanted something fun for the floor."

The final result: complete efficiency.

"Everything seemed to come together at once," says Tom.

"There's real satisfaction in remaking a room yourselves," says Patti, "and Tom and I are at our best when we're working on a project together."

Bright-colored, well-designed cabinet interiors, left and far left, show off their European styling. The metal pull-out pot rack, far left, with baked-enamel finish, is as easy to load as a dishwasher; keeps contents in order and easy to see. The lazy Susan with folding door, left, makes the most of traditionally "dead" corner space. Trays are constructed from the same impact-resistant plastic as football helmets. The cabinets themselves, imported from Sweden, have sturdy hardboard cores, coated inside and out with the same tough, easy-to-clean plastic that binds fiberglass boat hulls together.

Remake 1

Working space redesigned for extra efficiency, easy traffic flow

Step-by-step remodeling

1. Dismantle old kitchen: Give cabinets to friends, sell stove, rip down walls to prepare for insulation.
2. Move back door to the east wall; install a window in its place. Enlarge window on north wall and reposition radiator beneath.
3. Insulate walls. Cover walls and ceiling with fresh dry wall. Install recessed lights. Cover old floor with a smooth, level subfloor.
4. Paint ceiling.
5. Install peninsula, cabinets, and Formica countertops.
6. Wallpaper.
7. Cement vinyl tiles to subfloor.

The final results:

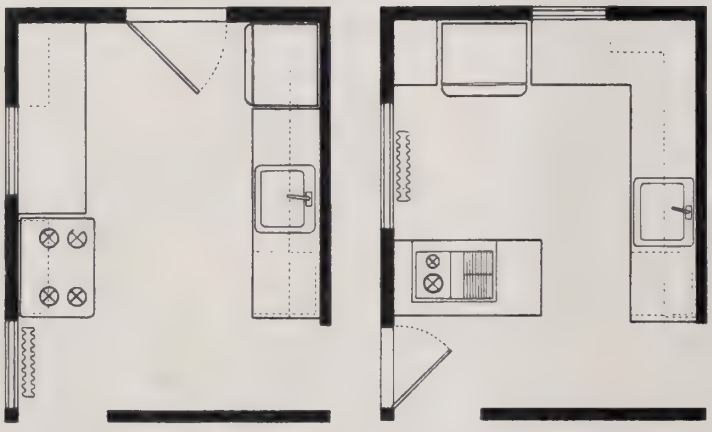
Repositioning the windows and door makes the most of the northeast exposure, and creates a more efficient traffic plan. The back door no longer interferes with the refrigerator, and its new position sends people directly through the far end of the kitchen to the outside, where the Falzaranos hope to build a deck someday.

Insulating the walls, and installing double-pane casement windows has decreased fuel costs, and warmed the kitchen considerably.

Straight rows of cabinets are a welcome change from the old uneven assortment, and the strict linear arrangement agrees with the architectural look of the Jenn-Air range and wallpaper.

The peninsula encloses the work area. When guests gather in the kitchen, as they often do, they can stand and socialize from the far side of the grill, and feel a part of the action, while the Falzaranos prepare food and cook on the other side. ***Range, refrigerator, and sink*** are arranged in a triangle, so "everything's just a pivot away. Surrounded by all our equipment, we're like pilots at the controls."

New plan reshapes the alley-like kitchen, doubles storage



Right: *The old kitchen.* Far right: *New layout. Sink and dishwasher haven't moved (no plumbing changes necessary); but back door is repositioned so traffic bypasses the work area. Drawers and a slim tray cupboard are part of the new peninsula. Tall pantry stands by the refrigerator.*

Remake 2

In 1 weekend, a new personality

Come-alive color, textures, and smart storage ideas for a typical rented apartment

A rush of red gave this city kitchen, *right*, just the spark it needed—in just a weekend. The inspiration? A collection of copper too pretty to hide. Cabinets and the back wall were primed on Friday night, painted Saturday morning, and a new vinyl floor rolled out that afternoon. On Sunday, copper pots and pans were hung on a white vinyl grid that snaps off the wall for easy cleaning. Baskets and green plants add cheer. Don't be shy about painting because you rent—landlords usually encourage improvements. And pleasant surroundings, no matter how long you're staying, are well worth their cost (here, only $356). "I get a lift every time I walk in," says the woman who lives here. Details, see Shopping Information.

Edward Olek

Before: This room needs a li

Opposite page: *Butcher-block-laminate countertops look warmer, richer, in their new surroundings. Design tip: Copco wall grid repeats the linear scheme of the Congoleum floor. Pittsburgh Paints.*

Copper pots displayed
on a high-tech grid
Red to the rescue, on
cabinets and back wall
The finishing touch:
A tile-look floor

Stenciled borders are a charming touch
Botanical plates add color
Ruffled shade for old windows
City-style garden: window boxes
Butcher block table doubles as work surface
Country-plaid cushions soften Windsor chairs
Chairs painted spice-up red

Before: Kitchen is bare and colorless. After: The romance of blue and white creates a brand-new feeling.

Remake 3

Joshua Greene

n 4 weekends, a country look

Imagination with paint, plaids, and plates give a plain kitchen charm

t feels like the kitchen of a country farmhouse—only the neighboring buildings give its city roots away. Carolyn and dd Sollis played up the old-fashioned charm their vintage kitchen, working weekends for month. Simple cosmetic changes suggested designer Mario Buatta did it all: walls stened with a gardeny border from a Stencil agic kit; the ceiling painted summer-sky ue; a new Congoleum floor that's the vinyl in of real ceramic tile. In the breakfast area, *t*, a swagged balloon shade, made of Vice rsa cotton, jauntily unifies side-by-side windows. The old card table has been replaced by a round of butcher block, from J & D Brauner, that sometimes serves as extra counter space. Old fan-back chairs from a country inn were restored with red, and smartly dressed with tufted, tie-on seat and back cushions. Geraniums stretching from window boxes bolted to the sill, and botanical plates on the wall, complete the country flavor. Lampshade lights edged with grosgrain ribbon cast a friendly, flattering glow. To make balloon shade and lampshade lights, see The Inside Story. For details, see Shopping Information.

Above: *A long view of the kitchen, with breakfast area beyond. Cupboards near the refrigerator were trimmed with molding to match the others, their interiors painted blue to echo the ceiling sky.* Opposite page: *Breakfast area.*

New Angles for an Old House

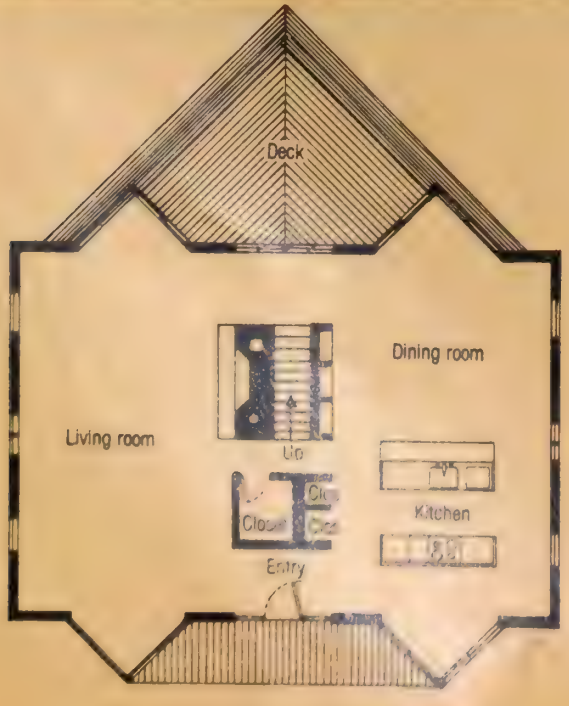
Cramped boxy rooms opened, bay windows and dormers added for new vitality and light

Left: The original front of 1950 rectangular house, two stories high on this side because of slope. Opposite page: Living-room ceiling soars after attic is removed. Doors and dormer of glass bay face south at 45-degree angle to catch view and sun. Below: Living, dining rooms open to new deck.

Robert Lautman

ike night into day" is how Mr. and Mrs. Michael Black describe the transformation of their Connecticut house. ey lived in it before remodeling, when it had boxy rooms th 7-foot ceilings, windows that ignored the river view. chitectural designer Jonathan Isleib of Interdesign cre-ated a new house for them within the rectangular walls of the old structure. He opened it up with six triangular glass bays that flood it with light, frame the landscape. Indoors, a 16-foot-high living room and dining-room/kitchen were gained, both wrested from six cramped rooms and attic.

New Angles for an Old House



Big turnabout: They moved the back door to the side and added a deck to take advantage of the great river view

To realize the hidden possibilities in the Black house, space had to explode. (It was a 2,000-square-foot jumble of small rooms and attic.) On the main floor, walls in living room, dining room, kitchen were torn down, two bedrooms and a bath removed, the attic ripped out, adding space to main floor.

The result: exhilarating space. A living room fills one side of the house, a dining room/kitchen, the other. Each is 38 feet long and soars to the roof. Major pleasures are the glass-dormered bay windows at the front and back of the rooms. Triangular and angled at 45 degrees to cap-

Left: New front entrance in former rear wall is reached by "bridge." Glass bay in living room, left, kitchen, right. Above: Glass bay expands lower-level master bedroom. Below: In dining-area/kitchen, white oak and Formica.
See Building Facts.

ture river views, they admit light from two sides and overhead. "Watching the sun set from one bay and the moon rise from another," reflects Michael Black, "is a constant delight all through the year."

Downstairs, remodeling produced a larger master bedroom, a dressing room, two baths, two guest rooms. Here, again, two glass bays were added. They open to a terrace under the new lounging-dining deck that overlooks the river. "Now we can enjoy the outdoors from the house," say the Blacks. "The river is a prime feature of the site, but we could hardly see it before from the old windows."

Robert Lautman

Rediscovering the Pleasures of the Water Garden

By Anthony Huxley

Water in the garden brings a special pleasure. It is an entirely different medium from soil, bricks, or stone; it changes its appearance in different lights and at different times of day. It can be still, or rippled in the wind; it can run, trickle, pour, spout, and dance. And it provides a gamut of plant possibilities which are impossible to grow in any other way, notably the water lilies which have no soil-bound counterpart.

Today many of our gardens are relatively tiny; many of us are confined to small yards, balconies, or roofs. But this need not stop anyone from using water in various ways—water gardens can also be reduced in scale.

It is not many years since almost every garden pool was made of concrete—involving skillful construction and placing and the handling of large quantities of heavy sand, gravel, and cement. A well-made concrete pool will last for decades and is still the best for really formal designs, but modern technology has brought us simpler, easier ways of making water gardens.

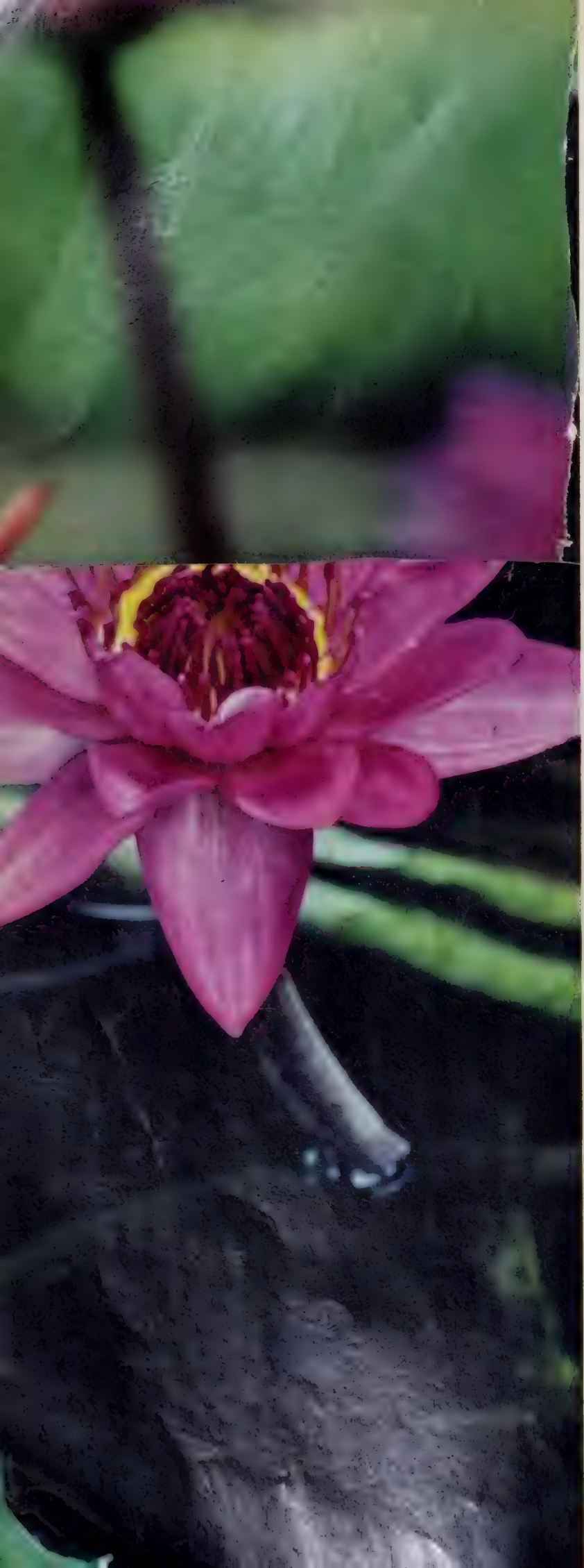
One recent invention is the preformed plastic or fiberglass pool. Most of these are of irregular form, though it is possible to obtain round, oval, or square ones. They are very light to handle. All that is needed is excavation of the soil to the required depth and outline—a necessary evil with all pools—and settling the preformed shape into it, if possible on a layer of sand. The larger ones usually have shelves at different levels upon which containers may be placed according to the needs of the plants.

For larger pools, and for owners preferring to create their own outlines, the plastic liner is the answer. Here the excavation must be very precise, for the plastic shapes itself to it; awkward corners must be avoided, or the material will fall into unsightly wrinkles, and shelves must be prepared in the soil. Any stones or stumps must be removed, since they may perforate the material, and in most soils it is valuable to spread a layer of fine sand a couple of inches thick before putting the liner in place. Alternatively, several thicknesses of moistened newspaper can serve the same protective effect. As the liner is initially handled it may look awkward, but if the instructions about tension are followed, you will find that, if it is secured at the edges with stone slabs, the liner will gradually fill the excavation exactly as water is hosed in, following every curve, contour, and shelf you have devised.

Liners may be made of polyethylene sheet, which can now be obtained quite thick and tough, as can polyvinyl chloride (PVC); both are usually black, though PVC is sometimes blue. Both these materials, however, deteriorate under prolonged action of sunlight, and their life is probably under 10 years. How-

Continued on page 190

Left: *Rose-red Emily Grant Hutchings, a night-blooming tropical water lily, opens at dusk, lingers till noon, in the Armonk, N. Y., fish pond,* above, *of Mr. and Mrs. Henry E. Ahders.*



ever, if the pool is such that its banks can slope at a gradient o not more than 1 in 3, and the liner is covered with 6 inches o mud, the sun will not reach it and it will last much longer.

Sunlight is not a problem with the toughest modern liners o butyl rubber. With all plastics, of course, damage by garde fork, stakes, or posts—or even nailed boots—must be avoided.

The edge of the liner is most readily concealed by placing i beneath a coping of paving slabs or wood—seasoned redwoo is excellent—which overhangs the water slightly. At least 1 inches of liner should be left under the coping. Plastic liner can be camouflaged in more natural settings by tucking th edge under several inches of turf-topped soil, but problems ca arise especially if dry weather dries out the grass.

Where the soil contains a good propor tion of clay, soil sealer can be use This allows virtually any design, thoug sloping sides are advisable, and it is th most natural-looking of all methods. A sealed pool should be excavated as r quired, made very smooth, and then gradu ally filled with water to which Soil Seale 13—an emulsified polymer—is added in 1:1000 proportion. Th material seeps into the soil and in effect creates its own liner. It necessary to refill the pool to the desired level over the next 5 to days to ensure that the sealer gets into the upper levels.

In very small areas, and on hard surfaces like roofs and ba conies, it is more desirable in every way to use preformed con tainers. Garden stores offer many kinds, in concrete reconstituted stone, asbestos-cement, and plastics. The attic o garage may provide ready-made, free containers if you are hoarder—like old bath or laundry tubs, or even discarded chi

Fragrant lilies, darting fish, add life, color

dren's wading pools. I am not sure I would want an uncamou flaged bathtub on a balcony, but sunk into the soil in a yar with edges suitably camouflaged with stones or trailing plant it makes a perfectly suitable water garden.

My own favorite small-scale container is a round tub. Th most attractive kind is of wood, either specially-made or pr duced by cutting a barrel in half. If the latter is obtainable, it important to clean it thoroughly. Barrels that held oil or ta need to be charred with a blowtorch, and except for beer o wine barrels, this is a useful precaution with most. As a precau tion against decay, a coat of bituminous paint inside is als helpful (this sounds a contradiction to the tar, but seals witho contaminating the water). One can also obtain smaller tubs i plastics, which are inoffensive to look at. At one time, when liv ing in an apartment with a tiny balcony, I had several of thes 12 inches across and 8 inches deep, with a variety of plants in cluding miniature water lilies. A slightly wider tub, say 15 inch es across, is, in fact, an improvement for plant well-being. Fo long, narrow balconies, one could use long, narrow containe in the form of plastic window boxes, the largest of which, abou 8 inches wide and deep, are most suitable.

Continued on page 23

Left: *Day-blooming lily, Director George T. Moore, like nearly all tropicals rises above water on strong stems, has large pads, blooms year-round in frost-free areas. Hardy lilies usually float, have smaller pads, can winter under ice as wild ones do.*

Tips for new water gardeners from...

Fish like fresh green forests to swim through," says Mrs. Henry E. Ahders. To please their 70 pet fish, the Ahderses buy lilies, far left, and other shade-and-oxygen-producing plants, right, as summer annuals. For their 1,850-gallon pool they get: 3 lilies, 6 water lettuce, 6 water hyacinths, 4 parrot's-feather, and 2 underwater cabomba. Lilies and cyperus, left, are potted in wet loam, stone-mulched and floated to ledges 8-12 inches below the surface. What this couple wanted is a paradox: clear water despite big fish (Koi and Golden Orfes) and a sandy bottom. (The sand protects their fish from rough cement and rocks, and shows them off.) They succeeded and haven't drained or cleaned with chemicals in 4 years. An aerating pump, waterfall, and Mr. Ahders's swimming-pool filter, left, all help—and so do 150 mussels and 4 catfish. The owners are rewarded by noisy kisses as fish eat right out of their hands.

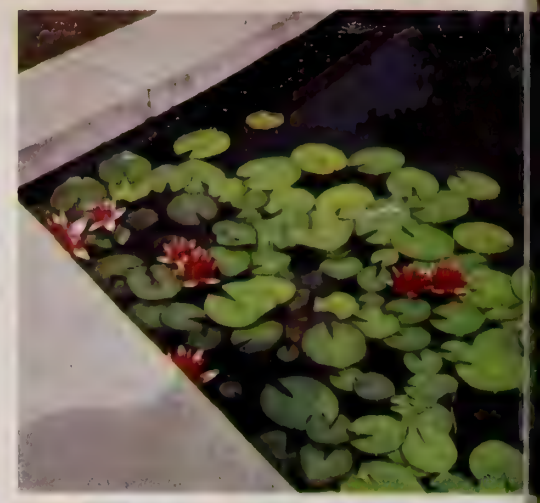
...a couple who built their own

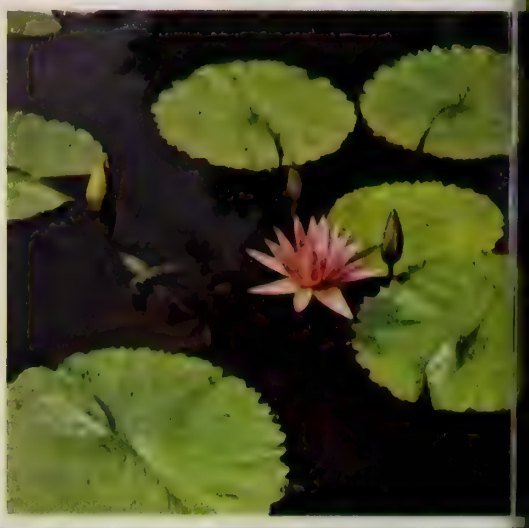
We've had our failures," Mrs. Ahders says, "though we missed the most common mistake: We knew that new concrete kills fish." (One cure: scrub with vinegar.) "We learned the hard way to plant in plastic pots, instead of the sandy bottom where roots even penetrated the rock! Hardy lilies once interested us, but tropical nightbloomers are beautiful when you get home from work —they even stay open on dark rainy days."

Emerick Bronson

Water garden built into a terrace

Tom Yee





As soon as she bought this old stone house in New Jersey, weekend gardener Lisa Chu added a front terrace with a lily pool on its sunny side. "It's 16 by 8½ feet, and 2 feet deep," she says. "I left it silty because the darker a pool is, the better the reflections." She planted papyrus, taro, submerged her lilies and lotus in plastic pots (raised on bricks to hold them 4-6 inches below the surface). Raised pots also provide hiding places for fish.

She points out how simple a water garden can be once it is built and stocked. Unlike other flower gardens, the watering is done once, when you fill with a hose. "Feeding is also easy. In growing season, reach in or wade in to push 2-4 food tablets into lily tubs every 4 weeks. Goldfish needn't be fed at all." Fish nibble insects, larvae, and are the answer to any mosquito problem. They belong in a water garden—fish produce the carbon dioxide and nutrients plants need; plants provide the oxygen fish need, and we need. The key to water gardening is to read widely before you take the plunge.

Weekend garden in springtime

William P. Steele

Irises "wake up the pool" while lilies and goldfish are just shaking off winter dormancy in this patio pool, built on Long Island in the '20s. The hardy lilies and fish winter under a skylight of ice, and "in spring," says owner Anthony Tortora of Quadrille Fabrics, "all I need to do is skim off any fallen leaves, and the lilies bloom from June through October." In summer, Mr. Tortora gives the lilies two food tablets a month and feeds the fish for fun on weekends. "Water lilies even make good cut flowers. They're fragrant, too. Hardy lilies close at night, but put your bowl in the dark, then bring them into lamplight, and they'll open for a party." He drains and scrubs the 6-by-7-foot pool every other summer, letting water stand a day before putting back fish and lilies.

Lily to grow indoors or out

Robert Lautman

This miniature tropical day bloomer is ideal for a tub. Take it inside, and it can grow near a sunny window or under plant lights in 60-70-degree water. A Daubeniana, sometimes dubbed 'Margaret Mary,' it has dainty pads, blue flowers. Half-barrels are useful containers if chemical-free. To create an ideal ecological balance in a typical 3-foot tub, add to lily: 2 small fish, 12 snails, 2 bunches cabomba. Change the soil and water yearly.

75-year-old garden revived

I enjoy the reflections of clouds, birds, dragonflies, flowers—God-given moments," says this garden's owner, a sculptor who has lived here most of her life. Her animal sculptures are in museums; her dolphins adorn Boston's aquarium. She remembers when Olmsted Brothers completed the garden, below, for her father (and the day Frederick Law Olmsted, codesigner of N.Y.'s Central Park, fell in!). "This was the last word in pools in its day. Then after about 70 years, the cement began to crack. I was afraid I'd have to fill in and plant pachysandra. Fortunately a friend, architect I.W. Colburn, suggested coating it with black fiberglass, the way they do boats." Her five connected pools reflect many flowers: At left, hardy 'Attraction' and larger tropicals; below, agapanthus and hibiscus, blue salvia at axis points leading to the 20-foot circular pool. The original bronze lotus-pod fountain recirculates water gently, and "the water falling on the edge of the lotus has the sound of faraway chimes." When the pools are drained, the good fishy water is used as garden fertilizer.

Dean Brown

Chinese tub on a deck

In a 3-foot antique glazed earthenware jar from China (where they're still used as aquariums or lotus pools), water hyacinths, a hardy water lily, and goldfish thrive in the William E. Littles' garden, Long Island.

Marina Schinz

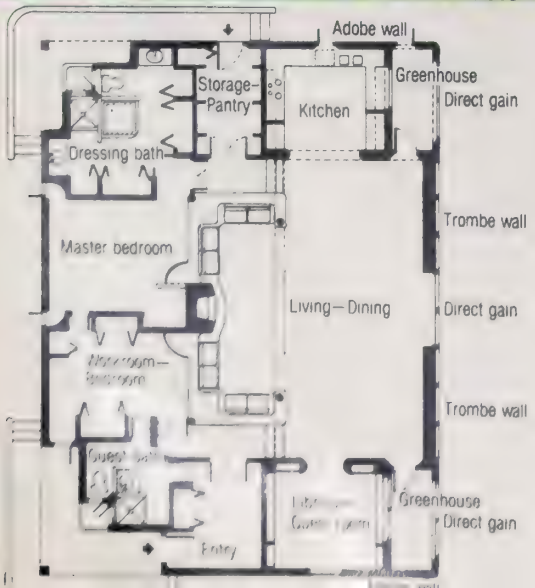
Raised pool for a town house

In a small garden, water creates an illusion of space," says James A. van Sweden of landscape architects Oehme, van Sweden & Associates. Only 5 by 20 feet, the pool has coping set 18 inches up, ideal for seating guests who at dusk can trail their fingers and watch some lilies close, others open. Water recirculates and trickles down from one granite slab to another. In winter, a cow-trough heating coil keeps the water ice-free, comfortable for fish, inviting to birds, and because the pool is black-tiled, it's still a shimmering mirror.

ENERGY-SMART LIVING: FIFTH IN A SERIES

A MODERN ADOBE

Designed for maximum efficiency at a minimum cost, this pueblo-style house updates traditional passive-solar principles for a system that provides up to 70 percent of the house's required heating



Sunlight streams into central living-dining space, right, through double-glazed clerestory windows. Heat is absorbed by central interior wall mass by day, slowly released at night. In summer, vents in wall pull in cool air from back rooms. Open kitchen and greenhouse allow natural circulation. Left: *Nestled in Santa Fe foothills, adobe house protected by windscreen of piñons and junipers.*

Open floor plan, 2084 square feet, left. *Big living area flanked by smaller living areas so heat collected in front of house circulates into rooms at back. At back, house is set 18 inches into ground, corners indented to protect from northern exposure.* *More information, page 238*

Tom Yee

ENERGY-SMART LIVING

Filled with New Mexican flavor old and new—open spaces made for parties and an extensive art collection, with ponderosa pine beams, and a stillness that keeps you aware of the spectacular country outside

An easy-care, *easy-to-entertain-in house by Robert W. Peters, of Alianza Arquitectos: An Architects' Alliance, to suit a busy professional couple with no children.* Left: *Main living area focuses around adobe fireplace wall. On either side,* **built-in seats**—*bancos—and at far corners, built-in stereo speakers.* **Walls radiate heat** *during winter, cool rooms in summer. Space behind fireplace opens into bedrooms for light, air circulation. Handmade tiles covering most of interior floor have radiant back-up system.* Lower left: *Front of house is all function. Facing direct south, a greenhouse at either end, and all-glass facade double-glazed for direct heat gain.* **Overhangs positioned for** *maximum shade in summer, maximum sunlight in winter.* Top right: *Master bedroom has own fireplace, on back of central fireplace wall, and electric baseboard backup system.* Middle right: **Greenhouse becomes efficient solar collector,** *provides heat plus humidity. Dark-painted adobe wall, double-glazed glass door and window direct the heat gain indoors.* Lower right: *At south side of living area, on each side of windows,* **trombe walls**—*concrete walls, painted white and unobtrusive inside, heat-absorbent black on outside, which sit 4 inches behind exterior glass panels to trap heat. Small clerestory windows for light. More air vents in banco.* Bottom right: *On the outside, banco vents are shaded by insulated wood panels which cool incoming air.*

Tom Yee

Create some creamy lemon meringue magic.

The easy, foolproof way

Imagine...a cool and creamy lemon meringue pie filling you make without cooking. Eagle® Brand Sweetened Condensed Milk gives your pie a delectable smoothness. The magic of ReaLemon® Reconstituted Lemon Juice makes your pie filling thicken without cooking. And Johnston's® ready to Fill 'n' Eat graham cracker Ready-Crust® makes it so easy to put your dessert on the table in no time. Try the simple recipe below, and create some magic of your own.

Creamy Lemon Meringue Pie
(Makes 1 pie)

- 3 eggs, separated*
- 1 (14-ounce) can Eagle® Brand Sweetened Condensed Milk
- ½ cup ReaLemon® Reconstituted Lemon Juice
- 1 teaspoon grated lemon rind
- 1 Johnston's® graham cracker Ready-Crust® pie crust
- ¼ teaspoon cream of tartar
- ⅓ cup sugar

*Use only Grade A clean, uncracked eggs

Preheat oven to 350°. In medium bowl, beat egg yolks; stir in sweetened condensed milk, ReaLemon and rind. Pour into crust. In small bowl, beat egg whites with cream of tartar until foamy; gradually add sugar, beating until stiff but not dry. Spread meringue on top of pie, sealing carefully to edge of crust. Bake 15 minutes or until meringue is golden brown. Cool. Chill before serving. Refrigerate leftovers.

Johnstons

MEAL IN MINUTES

MENU FOR FOUR
Pakistan kebabs
Spiced Indian eggplant
Cinnamon ice cream

If you've tasted an unusual or exotic dish at a friend's house or restaurant and been timid about duplicating it yourself, take encouragement from *Spicy Food* (Holt, Rinehart and Winston), by food and wine critic Stendahl, a collection of over 300 intriguingly seasoned recipes. The kebabs in this dinner can be grilled outdoors, and the eggplant charred over the coals as they heat. A cool yogurt soup with mint and lemon zest (included in the book) might make a nice substitute for the eggplant in warmer weather, along with a tangy salad of marinated cucumbers. If you like, serve crispy, thin ginger cookies with the ice cream, or sprinkle with currants or raisins.

Preparation plan:

1. Spiced Indian eggplant: Grill the eggplant until charred, scoop out flesh, cook 10 minutes with onions. Simmer 15 minutes with tomatoes, pepper wedges, spices.

2. Cinnamon ice cream: Set ice cream out to soften while eggplant grills. Stir in cinnamon, refreeze.

3. Pakistan kebabs: While eggplant simmers the final 15 minutes, blend ingredients for kebabs, shape and skewer, grill 5 minutes.

Pakistan kebabs

INGREDIENTS

1½ pounds lean ground beef
1 rounded tablespoon parsley, chopped
1 large onion
2 cloves garlic, mashed
½ teaspoon powdered ginger
½ teaspoon turmeric
½ teaspoon coriander seed
½ teaspoon dried red pepper flakes
Salt to taste
3 tablespoons yogurt, more or less

Continued on page 245

Opposite page: *Give a totable picnic buffet the elegance of a banquet with easy, edible garnishes, all carved from vegetables on hand. Cucumbers, radishes, parsley, carrots, peppers, and scallions decorate Barbara Tropp's cold Chinese dishes on page 202. You can dress up almost any summer food with your own variations—all you need is a cheese slicer and cleaver or sharp knife. Twist, pinch, and layer cucumber strips to make ribbons and fans. Stack radish circles for a plum blossom. Notch carrots lengthwise, then slice to form flowers, accent with parsley "foliage." Sliver peppers for "wings," scallions for feathers. For more on the Chinese buffet, see page 202.*

WINE & FOOD

Wonderful portable foods

and easy new ways to garnish them

Karen Radka

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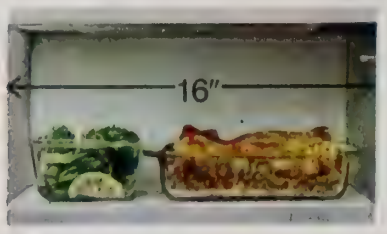

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GENERAL ELECTRIC

HOT OR COLD, YOU *CAN* TAKE IT WITH YOU

One potato, two potato . . . hot potato!

eme and variations: a hot baked potato transformed into a full —and easy to pack and carry—meal with any of seven toppings created by Freddi Greenberg

iscovered in Scotland this ar—an amusing fast-food a that adapts to entertain- or quick, healthy dinners home: The Do-It-Yourself tato Buffet. In Edinburgh, e-out food shops like uds-You-Like and The mpting Tatie offer hot ked potatoes with a choice savory fillings, from cole- w to tiny shrimp. Edin- ghers take them back to ir offices for lunch, or me in the evening for a rdy one-potato supper. ld fillings can be made ad and carried along on a nic with unbaked potatoes e roasted over a fire on the t—or carry just-baked po- es along in a wide-mouth rmos to keep them hot! Set a buffet at home with big vls of stuffings to choose m and a heaping pile of hly baked potatoes, each pped in a colorful napkin keep potatoes hot, fingers l. Some delectable fillings ry: Ratatouille with Italian sage, ricotta and spinach ée, scrambled eggs with oked salmon, Cheddar and itney, a big spoonful of to, and, pictured here, stir- d Creole shrimp.

nach-ricotta topping: Com- e 5 cups washed and ined fresh spinach leaves, up sliced scallions, ¼ cup pped fresh dill, 1 cup ri- ta, 1 teaspoon salt, and eral grinds black pepper in od processor. Process un- sauce is a smooth, pale n purée. Spoon over 4–6 baked potatoes that have n split open and, if desired, tered.

Ratatouille and sausage: Broil 1 pound hot or sweet Italian sausage until cooked through. Slice into 1-inch chunks and add to 4 cups ratatouille. Simmer about 10 minutes. Spoon over hot baked potatoes and sprinkle with freshly grated Parmesan cheese. Serves 6.

Cheddar and chutney: Cream 2 cups coarsely grated sharp Cheddar with 1 stick chilled sweet butter (easiest in food processor). Blend in 2 tablespoons sliced scallions and ½ cup finely minced chutney. Spoon over potatoes—enough for about 8 potatoes.

Shepherd's potatoes: Sauté 1 onion in 2 tablespoons butter until soft. Add 1 pound lean ground beef, ½ teaspoon each salt and pepper, and cook until meat loses pink color. Stir in 2 cups chopped fresh mushrooms and ¼ cup chopped fresh parsley, and cook about 2 minutes longer. Spoon over potatoes that have been baked until their skins are very crisp.

Tomato and feta topping: Combine 2 cups finely diced ripe tomatoes, 1 cup finely diced feta cheese, ½ cup each diced green pepper and red onion. Toss with a garlicky vinaigrette and spoon over split baked potatoes. Note: If you wish, you can substitute 2 cups diced mozzarella for the feta.

Spring vegetables simmered in cream: Simmer 1 cup each finely diced fresh broccoli, asparagus, and zucchini in 1 cup chicken broth for 2–3 minutes, until vegetables are *al dente*. Drain vegetables and add ½-¾ cup heavy cream, 1 cup fresh or frozen peas, salt and pepper, and simmer a few minutes longer, or until cream thickens and coats vegetables. Spoon over potatoes and

Continued on page 222

Cold, spicy, and ready to serve

Fresh picnic food from India that's easy to make with everyday ingredients

Menu

Potato salad with yogurt
Spicy chickpeas
Creamed eggplant
Meat-stuffed pastries
Deep-fried breads
Mangoes
Indian Beer

Susan Wood

Make potato salad a surprise—add a yogurt dressing flavored with toasted cumin. Cook eggplant with fennel seeds, garlic, ginger, and coriander. Madhur Jaffrey, New York cooking teacher and author of *An Invitation to Indian Cooking*, gathered a group of friends in Central Park for an outdoor evening of listening to music. She brought along dinner—five dishes all made ahead, and carried in Indian lunch boxes—metal tiered boxes called tiffins. All food served at room (air!) temperature. Only beer and mangoes needed to be chilled. "Going back to a medieval idea, the *bhaturas*, deep-fried breads, served as our plates, *and* forks." Line your palm with one or two breads, pile some food on it, and dip into your portion with another bread. The salads hold together without dripping.

Potato salad with yogurt

INGREDIENTS

2 pounds small, waxy potatoes
1 cup plus 3 tablespoons plain (preferably whole milk) yogurt
1¼ teaspoons salt
¼ teaspoon cayenne pepper (optional)
⅛ teaspoon black pepper, freshly ground
4 scallions, finely sliced (use white part only)
1½ tablespoon cumin seeds, roasted and ground (see note)

METHOD

☐ Boil potatoes in their skins until just tender and let cool at least 2 hours. Peel and slice into ¼-inch rounds. Mix remaining ingredients in a bowl and pour over potatoes. Mix gently, taste and adjust seasoning, and refrigerate if not serving immediately. Serves 6.

Note: Whole cumin seeds can be dry-roasted in a small cast-iron skillet or under a broiler, then ground in a coffee grinder or placed between two sheets of wax paper and crushed to a powder with a rolling pin.

Spicy chickpeas

INGREDIENTS

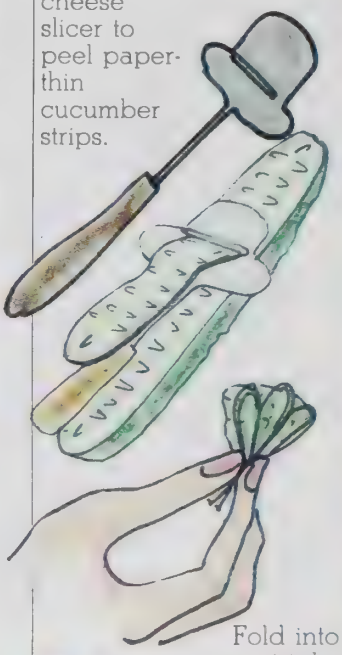
5 tablespoons vegetable oil
2 medium-sized onions, peeled and chopped
8 cloves garlic, peeled and minced

Continued on page 218

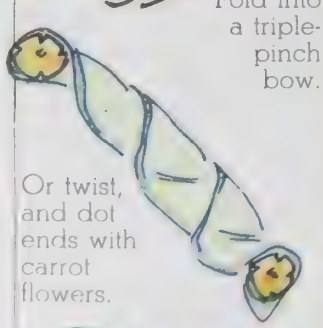
Oriental take-alongs

Easy to prepare, simple-ingredient meal ideas and flick-of-the-wrist garnishes from China, without heavy sauces or MSG so the tastes stay clean, natural

Transform the obvious into the exotic—that's Barbara Tropp's practical kind of magic, a way of cooking—and sometimes, *not* cooking!—that enhances the natural flavors of simple foods with subtle seasoning. Drawing on the culinary traditions of north China and Hunan—a south-central region of China rich in grain, meats, fruits, vegetables, and tea—Ms. Tropp, a San Francisco-based food writer and cook, has created a cold buffet to tote outside on a balmy day or serve as a colorful banquet. All dishes can be prepared ahead (some *should* be, for richer flavor), finishing touches take minutes. Her unlimited imagination inspires a cucumber rose, radish feathers, each garnish harmonizing with its special dish in shape, color, texture, flavor. *Right:* Picnic in an Oriental garden—out of Chinese lacquered baskets emerge tofu whip, marbled tea eggs, pepper pickles, sesame noodles, savory moist chicken, along with fruits and delicate cardamom almond cookies. (For the at-home banquet, turn the page.) China, linens, baskets from Gump's, San Francisco; see Shopping Information. Recipes, page 212.



Use a sharp cheese slicer to peel paper-thin cucumber strips.



Fold into a triple-pinch bow.

Tightly curled cucumber "rose"—leaves are separate small slices, strips of peel for veins.

Or twist, and dot ends with carrot flowers.

Yin-yang cucumber strip twisted [illegible] dotted with radish.

Blue-and-white Yamadori porcelain plate and chopsticks.

Imari Kiku dishes hold wh honeyed cashews, Mongoli spicy fried peanuts to nibbl with lunch.

Antique porcelain pitcher with wooden lid keeps iced herb tea cold.

Upturned bamboo bucket serves as table base—table top is wedding-basket lid.

oodles with rich, picy sesame auce, topped with dishes, ucumbers.

Stacking Chinese wedding basket makes picnic easy to carry.

Tofu-avocado salad sprinkled with diced radish.

Cardamom almond cookies with ginger jam in top tray of a lacquered Chinese picnic basket.

Tender bell-pepper pickles, marinated in vinegar, sugar.

Karen Radkai

ooden hibachi ecomes sturdy ble stand—handles sides make it rtable.

Mahogany-skinned whole chicken cooked in master sauce of soy, anise, golden rock candy.

Marbelized tea eggs—hard-boiled eggs have shells crackled, then are simmered in tea.

An old, gray weathered garden gate for tabletop.

Bamboo bucket of iced beer—traditional accompaniment to Chinese dishes.

Pungent soy, honey, sesame sauce to pour over noodles.

Cold shredded chicken mounded on carrot strips, topped with crisp, sweet tea melon.

Marbelized tea eggs in a cast bronze phoenix subian.

Cold noodles in sesame sauce on a bed of carrot curls with red pepper "wings" and scallion slivers; Seiji Moko celadon dish.

Extra chopped peanuts to sprinkle over noodles—serve them raw or stir-fry lightly in oil for crunchiness.

Eggs are cut to form tulip buds, steeped in master sauce, interspersed on celadon platter with carnelian carrot coins and cucumber ribbons.

Picture

Whipped tofu salad tinged with cucumber, radish rounds, scallion feathers on top.

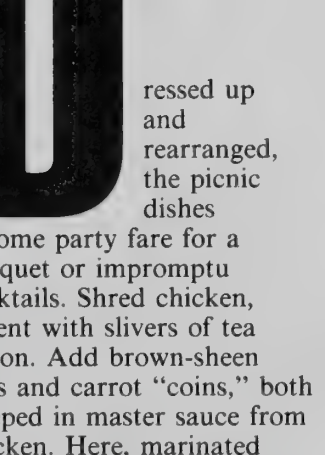
Condiment tray of Mongolian peanuts, cashews, pepper pickles, spunky radish fans.

Thin unsalted crackers are crunchy extra dippers for smooth tofu-avocado salad.

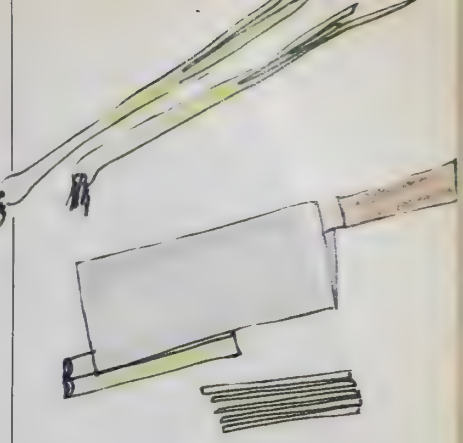
Karen Radkai

It's all in the presentation—the same easy-cooking dishes artfully rearranged in a balance of textures, shapes, and color

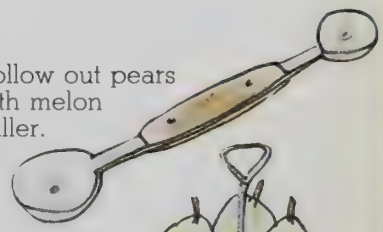
Dressed up and rearranged, the picnic dishes become party fare for a banquet or impromptu cocktails. Shred chicken, accent with slivers of tea melon. Add brown-sheen eggs and carrot "coins," both steeped in master sauce from chicken. Here, marinated radish fans serve as condiments. Crosshatch noodles with scallions, add bite with peppers. A special cold dessert: Hollow out pears, fill with honeyed liqueur, steam until tender. *Below,* buffet in Barbara Tropp's dining room: "Simplicity is something I've learned from very old Chinese people—the taste for purer, lighter flavors is not a new 'modern' attitude." But for modern time schedules, "I designed the dishes to be as economical in labor as in cost." She is working on a book of classic Chinese cooking using modern tools, including the food processor.



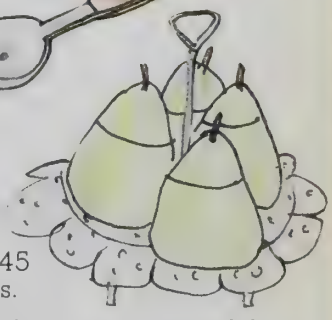
Slash radishes at 1/16-inch intervals, soak in salt to make pliable, press into fans.



To shred scallions, cut into 3-inch lengths, then halve lengthwise. Place flat-side down and chop into fine strips.



Hollow out pears with melon baller.



Stuff whole pears, steam 45 minutes.

Victorian bamboo table holds napkins, chopsticks, lacquer plates, cups.

Low Japanese tea table set for the buffet.

pretty portables

GOOD BUYS IN WINE

Wines under $5 to suit every palate

BY B. J. CUTLER

Good wine—sound, clean, appealing examples of the winemaker's art—is easier to find in this country than ever before. There are two main reasons for this good fortune. First: The size and skills of the domestic wine industry have grown sharply. Today the United States produces perhaps the best *vins ordinaires*—everyday table wines—in the world. Second: The prices of French Bordeaux and Burgundy have skyrocketed. Fifteen years ago, when a name château-bottled Bordeaux or an authentic Burgundy could be picked up for $3.50, there was little room for competition. But now, with well-known French wines moving up to the $10 to $40 range, part of the market has become wide open to, among others, Italian, Spanish, Chilean, and domestic producers. And they are making the most of it.

So despite the high price of some wines, it is no trick at all to buy a bottle for $2.50 for casual family use. And for less than $5 you can find a wine good enough to serve at a dinner party. The secret: When a wine becomes trendy, sought-after, and expensive, move along to something else. You will not only save money, but make some happy discoveries.

For large parties, as an apéritif, and as your "house white," it is hard to beat a domestic "Chablis," a pale and crisp blend of several grape varieties. As tastes have become more sophisticated, American Chablis has been vinified drier. Even though it comes from a huge winery and is low priced, it is still worth investigating. It is now a quite decent wine. Inglenook's Navalle Chablis ($2.35*) is fruity, dry, and pleasant. Gallo Chablis Blanc ($1.99) is pale and fresh. And Colony California Chablis ($1.99) is also refreshing and a bargain. Good Chablis that don't bear the name are Robert Mondavi's White Table Wine ($2.59), Fetzer's Mendocino White ($2.39), and Parducci's White Table Wine ($2.19). Other well-regarded examples are: Christian Brothers California Chablis ($2.69); Franciscan California Chablis 1977 ($3.19); Parducci Mendocino Chablis 1977 ($3.39); Los Hermanos Chablis ($2.19); Kenwood 1978 Chablis ($4.49); and Souverain Chablis ($3.10).

Nancy Katsin

Those who like a more assertive wine should investigate varietal whites, so called because they are mostly made from a single grape variety. They often have more character and distinctiveness than a blended wine. The French Colombard, Chenin Blanc, and Sauvignon Blanc grapes yield interesting, economical wines in California. Souverain makes a flavorful Colombard ($3.69), and Parducci's 1978 Colombard ($3.79) is flowery and fruity. Both stand up to food well, even to mild cheeses. Wente's Sauvignon Blanc 1978 ($4.69) reminds some people of the costlier Loire Valley wines made from the same grape. Gallo also turns out a quality Sauvignon Blanc, which is a solid bargain at $2.50.

Domestic growers are also having success with German grapes—the Gewürztraminer, with its characteristically spicy taste, and the Riesling, which produces the finest Rhine and Moselle wines. Those to try are: Simi's 1977 Alexander Valley Gewürztraminer ($4.59), tart and fruity; Geyser Peak's 1978 Gewürztraminer ($4.89); and Pedroncelli's 1978 Gewürztraminer ($4.49). In keeping with their German heritage, Riesling grapes give fine wines, with a good balance of fruit and acid. Wente Brothers 1977 Johannisberg Riesling ($4.39) is a success, as is the 1978 Johannisberg Riesling from Washington state's Ste. Michelle winery ($4.19), which is pleasantly sweet.

The Chardonnay grape—which yields France's best white Burgundy and true Chablis—also yields *this* country's best dry white wine. In fact, many California Chardonnays now compete with their imported Burgundian cousins both in quality and in high price. Fortunately, though, there are a number of Chardonnays that still sell for under $5. Among those to look for are Sonoma 1976 ($4.79), Sebastiani 1976 ($4.99), Almadén 1977 ($3.69), Geyser Peak 1977 ($4.19), and two non-vintage examples, Christian Brothers ($4.79) and Paul Masson ($3.99). If you are a white Burgundy fan, you can save yourself at least $5 a bottle by avoiding imports and selecting any one of the wines on this impressive list.

The story of the American red wines parallels that of the whites: They start with inexpensive but useful blends, usually bearing a European name such as Burgundy or Claret, and work their way up to excellent varietal wines. Gallo's Hearty Burgundy ($2.09) is well-made and extremely popular with new wine drinkers because of its slightly sweet taste. Robert Mondavi's simply named Red Table Wine is good drinking and a good value at $2.79. Fetzer Vineyards's Mendocino Premium Red delivers style and full body for $2.89. Also good is J. Pedroncelli's Premium Red Wine ($2.59). Franciscan California Burgundy ($2.79) is soft and youthful with a light color and attractive bouquet. An inexpensive, mature wine is Angelo Papagni's 1973 Barbera ($3.49), a good example of how this northern Italian grape does in California. Monterey Vineyard's 1978 Classic Red ($4.09) is a skillful blend of 60 percent Cabernet, 30 percent Zinfandel, and 10 percent Pinot Noir grapes.

Continued on page 208

Summer Salmon.

Delicate salmon, crisp garden greens and shell macaroni stack up to make a delicious light summer meal in a bowl. Top with chilled dill dressing made creamy with KRAFT Real Mayonnaise, and this delightful salad tosses itself as you serve it.

SUMMER SALMON

- 1-1/2 cups KRAFT Real Mayonnaise
- 1/4 cup milk
- 1 tablespoon chopped onion
- 1/2 teaspoon dill weed

* * *

- 2 cups shredded lettuce
- 2 cups (7 ozs.) shell macaroni, cooked, drained
- 1/2 cup pitted ripe olive halves
- 2 cups chopped tomato
- 2 cups cucumber slices, halved
- 1 15-oz. can salmon, drained, flaked

Combine mayonnaise, milk, onion and dill; mix well. Chill.

In 3-quart bowl, layer lettuce, combined macaroni and olives, tomato, cucumber and salmon; top with 3/4 cup dressing. Garnish with dill weed, if desired. Serve with remaining dressing.

6 to 8 servings

When it's the mayonnaise that makes it, make it KRAFT.

KRAFT

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continued from page 206

You should not pass over Zinfandel, California's "own" grape because it does splendidly there and apparently nowhere else in the world. Many of the big, powerful Zinfandels that have been aged long in oak have become pricey, but good values still abound. A moderately priced Zinfandel should have a deep red color, a berry-like bouquet, and a medium-to-full body. Among those that measure up are Sonoma 1973 ($4.19), Sebastiani 1977 ($4.25), and Fetzer Lake County ($4.19). At $2.19, Los Hermanos 1976 California Zinfandel is a fine buy, especially for those who dislike dry wine. Souverain's 1974 North Coast Zinfandel ($3.25) has good color, bouquet, and body and will appeal to those seeking an oaky flavor. From time to time Sebastiani selects a wine at harvest for special aging. Such wines are sold as Proprietor's Reserve, and the Sebastiani 1973 North Coast Zinfandel, bottled in 1978, has loads of color, bouquet, and flavor. It can substitute for a costly Burgundy, and at $4.89 it won't remain in the stores for long.

Cabernet Sauvignon, which is responsible for the best Bordeaux reds, continues to give us America's finest red wine. Some growers, whose wines now hold their own with great French wines at blind tastings, are trying to collect French prices. Robert Mondavi and Joseph Heitz, for example, are asking $30 a bottle for their 1974 special selections. That shouldn't scare you away from Cabernet, though, because you can still find affordable versions. Willow Creek 1976 ($4.59) and J. Pedroncelli 1975 ($4.80) are attractive and still developing. Franciscan 1975 Alexander Valley ($4.89) has a fine purple color and pleasant bouquet and taste. It too will improve with time. Louis Martini 1976 ($3.59) is less dry than the others and might appeal to those who find young Cabernets too astringent.

France, the homeland of fine wine, still remains a splendid source for those of you willing to shop around. There are literally thousands of individual growers around Bordeaux, turning out dry red wines that range from the sublime to dreadful. The problem is how to choose among all of these. The best way to find good Bordeaux is to find a good wine merchant. Walk in and say you are looking for a nice *petit château,* from a small wine estate, for around $4, and you'll be surprised at what he can come up with. Buy a single bottle of what the merchant recommends, taste it, and if it pleases you, go back for a case. When collecting little Bordeaux, it pays to be secretive. If you tell your friends about the good ones you've found, they might rush out and buy them all up. To find sound examples at moderate prices, you should specialize in the region's minor areas: Wines labeled Bordeaux, Bordeaux Superieur, Côte de Blaye, Côte de Bourg, and the townships around St. Emilion that add its famous name to theirs, such as St. Georges-St. Emilion, Lussac-St. Emilion, Montagne-St. Emilion. Among the very many sound wines to look for are: Château Greysac 1976 ($4.39), which will improve with age, Château La Tour de Bonnet 1976 ($3.59), Château St. Christoly 1975 ($4.19), Château Cadillac 1975 ($4.59), Lacour Pavillon Rouge 1975 ($4.99), and Château Grand Mazerolles 1975 ($3.99). Most of Bordeaux's leading shippers sell a regional, blended wine bearing their name. These are often good values, too. For white Bordeaux, you should not neglect the vast Entre-Deux-Mers region, whose wines are now drier and more attractive than they used to be.

For around $4 per bottle, you'll be surprised to find what your local wine merchant can come up with

The Muscadet area, the vineyards around Nantes at the mouth of the Loire River, continues to ship crisp, refreshing whites that are fine with shellfish and as an apéritif. The best of these pale, extremely dry wines come to market under the label Muscadet de Sèvre et Maine. Recommended examples of the good 1976 vintage, retailing for between $3.49 and $4.49, include Château la Noë, Marquis de Goulaine, L'Hyvenière, Saint Fiacre, Nicolas, and La Nobleraie. Muscadet is at its best when youthful and fresh; the 1976s will fade after this year. Avoid the bad 1977 vintage, but look for the successful 1978s that are starting to appear in the shops. From upriver in the Loire Valley, Alexis Lichine ships a very dry, powerful 1976 Vouvray ($3.59) that may be too assertive for fish but is well-suited to fowl and cold meats.

Those of you with a Burgundy taste, but not a Burgundy pocketbook, will find happiness in the Mâcon area. It produces usually indifferent white wine simply called Mâcon Blanc, good wines labled Mâcon-Villages, and great bargains from the villages of Lugny and Viré. Made from the Chardonnay grape, the Mâcon-Lugny "Les Charmes" 1977 ($4.39) is a pale, fresh, buttery wine that can substitute for white Burgundy costing more than twice as much. Others to look for are "Le Grand Cheneau" 1977 ($3.99) from the co-op at Viré, and Frank Schoonmaker's 1977 Mâcon-Lugny ($3.69). The 1978 harvest was even better than the 1977, so you can expect good drinking from the Mâconnais. Three similar finds merit attention. Frederick Wildman & Sons sends a 1977 Saint Veran ($4.09) that is dry, well balanced, and as good as many far more expensive wines from neighboring Pouilly-Fuissé. Père Patriarche, the Burgundy shipper, has a clean, soft Blanc de Blancs well worth its $2.59. And perhaps the best bargain of all is Moreau Blanc ($3.39) from J. Moreau, the celebrated Chablis shipper. Moreau Blanc is blended from grapes grown near the Chablis area and from the Loire. While it is not and cannot be labeled as a true Chablis, it is close enough to that flinty, dry wine to be excellent drinking.

Some of the world's most appealing red wine—young, fresh, fruity, purple-colored, and acidic—comes from the prolific Beaujolais area in southernmost Burgundy. The 1978 harvest was high in quality and very large, which slowed down the rise in prices. When buying Beaujolais, it is a mistake to pay too little, say $3. The wine will either be thin and harsh or not from the region. But for around $4 a Beaujolais or slightly finer Beaujolais-Villages from a reliable shipper can be a revelation. Among the top shippers are George Duboeuf, Louis Latour, Louis Jadot, Domaine Pierreaux, Paul Sapin, and Paul Beaudet. Latour has a Beaujolais Supérieur ($4.39) that has a clear ruby color, fresh bouquet, and good body and flavor. Louis Jadot's Beaujolais-Villages, selling for just under $5, is one of 1978's real successes. Two non-Beaujolais French reds that should be better known are: Alexis Lichine's 1977 Côtes du Roussillon Villages ($3.99), a good wine made mostly from the Syrah grape in the foothills of the Pyrénées; and La Vieille Ferme Rouge 1976 ($3.29), soundly made in the lower Rhône Valley.

For those of you who find French whites too dry or austere, Germany is the place to turn. German wines, though, present a problem similar to that of Bordeaux: There are thousands of individual vineyards, all with bewildering labels. So the Bordeaux rule holds—ask your merchant for advice. Why German wine prices are still as low as they are is a mystery. But now is the time to enjoy them because this happy state won't last. You can buy, for example, a liter (one-third larger than a regular bottle) of 1977 Riesling from highly regarded Schloss Eltz for $4.99; a 1978 Piesporter Goldtröpfchen from the Zentralkellerai, or cooperative, for $3.99; and a Wiltinger Scharzberg from the shipper Knoop for $2.99. Even spätlese wines, made from sweet, late-harvested grapes, and auslese wines, produced from individually selected bunches of ripe grapes, are still within reach. 1976 was a great year in Germany, and its Piesporter Goldtröpfchen Auslese

Continued on page 210

"Instead of a Cocktail."
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($4.69), Bernkasteler Kurfustlay Auslese ($4.99), Niersteiner Spiegelberg Spätlese ($3.99), and Niersteiner Domtol Spätlese ($3.89) all rate as excellent buys.

Italy and Spain both offer good wine values. Italy has an edge in its variety of whites. Frascati, a pale, dry wine from outside of Rome, serves both as an apéritif and with food. A pleasant example is Frascati Superiore 1978 ($2.95) from Fontana Candida, which is stronger than it looks with an assertive, earthy flavor. Soave, from around Verona, is a useful, dry, all-purpose white. Folonari and Cantina Sociale de Soave sell good versions at around $3 each, as do big makers, like Bolla, for somewhat more. Bianco di Toscano (which used to be sold as white Chianti) remains a pleasant dry wine. Saccardi's 1976 ($3.99) and Montepaldi's 1977 ($2.99) are good introductions. Enofriulia produces an excellent 1978 Pinot Grigio ($3.99) and also a fine Chardonnay that is just beginning to appear here. Other whites to investigate: Verdicchio, from the Marches north of Rome—Fazi Battaglia ($3.49) being the best known; and Orvieto Secco, a dry wine from a town normally famous for sweet wines—Le Velette's 1978 Orvieto Secco ($2.99) is typical.

A Chianti Classico, identified by the black rooster on its neck label, can successfully replace a costlier French red at the dinner table. Many of them are fine, dry, and robust. You can easily find a favorite Chianti Classico among the offerings by Ruffino, Bolla, Antinori, Saccardi, Fontana-fredda, Cispiano, Montepaldi, and Catigano. They cost from $2.99 to $4.49 and are among today's best buys in red wines. You should also venture outside of the Chianti district and try the pale red, fruity Bardolino from Lake Guarda. Drink this wine while it's still young. Among the reliable producers are Bertani ($3.49), Ruffino ($3.19), Folonari ($2.49), and Bolla ($3.49). Valpolicella, from north of Verona, is on a par with Bardolino but has more body, to accompany pastas and meats; try Bolla ($3.49), Montresor ($3.29), and Folonari ($2.49). The Barbera grape, though not well-known, produces rich, long-lived wines. Barbera d'Asti Granduca 1976 ($4.79) will last and improve for years. Rubesco, from near Umbria, resembles top-quality Chianti—Lungarotti produces an excellent specimen at $4.79. And don't overlook Sicily. Normally you wouldn't think of Sicily for good red wine, but Corvo's 1977 ($4.99) is medium-ruby in color and has a good balance of fruit and acid. It can be enjoyed now or years later. Corvo also produces a powerful, dry, interesting white for the same price.

Spain's best-known winegrowing area, Rioja, is a strong contender for the title of best red wine for the money. Rioja was colonized by French refugees from the Bordeaux crop disasters of the last century, so it's no surprise that their wines are French in style. A fine Rioja can be as popular at the dinner table as a Bordeaux—at half the price. The Marqués de Cáceres is a reliable producer of quality Rioja. This firm's 1973 Rioja ($3.99) has good color and bouquet, and fine flavor. Its 1978 white Rioja ($3.59) is well balanced and fresh. Olarra ships a 1975 red Rioja ($2.99) that has medium color and body and a strong, pleasant taste. This sound wine will improve with age and is a top buy. For an already-aged Rioja, try Bodegas Bilbainas' Viña Pomol 1973 ($3.99). In another of Spain's fine winegrowing regions, west of Barcelona on the Mediterranean coast, Miguel Torres makes inexpensive wines that are getting better by the year. His Viña Sol 1978 ($2.99) is a pale, clean, refreshing white with a hint of the soil in its aftertaste. Torres' 1976 Coronas Red ($2.99) is light-bodied, dry, and flavorful. It can be used like a small Burgundy.

Spain's neighbor, Portugal, is now exporting Vinho Verde, a young, fresh pleasing white. Ravel has a good example at $2.39. Other Portuguese wines worth

Continued on page 212

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Good Spirits
continued from page 210

trying include Serradayres Red, an aged 1969 wine for only $2.99, and Santar's Dao Red 1972 ($3.99). Rosé fanciers shouldn't forget Portugal's best-selling export, Mateus Rosé ($2.99), widely available and reliable; Monte Estoril Rosé ($2.69) should also be sought out.

From Eastern Europe comes Hungary's Egri Bikaver, the famous Bull's Blood of Eger, so called because of its dark color. It has a pleasing bouquet, full body, and a slightly sweet flavor. It will appeal to those who find Bordeaux too dry, and at $3.49 is a bargain that drinks well with game, roasts, and cheese. Romania's Premiat 1975 Pinot Noir ($2.29) is light-bodied and competitive with California Burgundy. Premiat Dry Riesling Valea ($2.39) is soft, fruity, powerful, and distinctive.

One of Israel's best producers, Carmel, sends a 1975 Cabernet Sauvignon ($3.09) that resembles more costly Bordeaux. Israel's wines also make a claim that few other wines can—they're kosher.

Argentina, the world's third-largest winegrowing nation after Italy and France, has excellent values. Three Trapiche wines are worth exploring: Chardonnay 1977 ($3.80), crisp, clean, and dry; Pinot Blanc 1977 ($3.35), fine and dry; Cabernet Sauvignon 1973 ($4.09), pleasant bouquet and mature flavor. From Chile, Concha y Toro ships a 1972 Casillero del Diablo Cabernet ($3.79) that will please those who like the oaky taste of mature California Cabernets. The same firm's 1977 Burgundy ($2.99) is dark in color, fruity, and an unusual value. Valdivieso's nonvintage Cabernet ($3.29) resembles the Concha y Toro and delivers excellent quality for the price. Viña Undurraga has a 1974 Sauvignon Blanc ($2.99) that is typical of the grape and quite good. ■

Oriental take-alongs
continued from page 205

Sweet bell-pepper pickle

INGREDIENTS

1¼ pounds firm, unblemished red and/or green sweet bell peppers
1 teaspoon coarse kosher salt
2½ teaspoons sugar
1 teaspoon dark sesame oil
1 scant tablespoon regular (thin) soy sauce
½ teaspoon rice vinegar
⅛ teaspoon hot chili oil (optional)

METHOD

☐ Use a sharp, small knife to carefully core, seed, and derib the peppers. Cut them into 1-inch squares or thin strips and put them in a bowl with the salt and 1 teaspoon sugar. Toss well and let sit 2-3 hours at room temperature. Stir occasionally to redistribute the salting liquid.

☐ Drain off the water thoroughly and return the peppers to a dry bowl in which you have combined the sesame oil, soy sauce, remaining 1 or 1½ teaspoons sugar, vinegar, and hot chili oil. Toss the peppers well in the sauce and let them sit at room temperature several hours to develop the flavor. Stir the peppers occasionally as they marinate to redistribute the seasonings. Chill slightly before serving. If you are making the peppers a day or more in advance, refrigerate them in a covered glass or metal container. Stir them occasionally. Flavor is at its peak after 48 hours. Makes 3 cups pepper squares.

Spunky soy-dipped red radish fans

INGREDIENTS

12 large, pretty red radishes
¾ teaspoon coarse kosher salt
¾ teaspoon white sugar
2 teaspoons regular (thin) soy sauce
1-3 teaspoons white or brown sugar (use brown sugar if you wish to eat the radishes within 6 hours of making them; use white sugar if you are saucing them a full day in advance)
¼ teaspoon dark sesame oil
⅛-¼ teaspoon hot chili oil

METHOD

☐ Trim off the root and stem ends of the radishes. Place a radish on its round (red) side and anchor it in place by pinching the red sides between thumb and first finger or between a pair of chopsticks laid flat on the cutting board and splayed out like scissors around the radish (the safest method).

☐ Use a sharp knife to make a series of crosswise cuts 1/16 of an inch apart down the entire length of the radish, taking care to cut only ¾ of the way through the radish so the "fan" remains attached at the base. The chopsticks, if you use them, make a natural barrier for the knife.

☐ Put the cut radishes in a bowl, sprinkle on the salt and ¾ teaspoon white sugar, and toss to coat the radishes evenly. Let stand 1 hour at room temperature, swirling the bowl occasionally to redistribute the salting liquids.

☐ Drain the radishes, then press a few at a time gently between your palms to extract a bit more of the water. Return the radishes to a dry bowl in which you have mixed the soy, remaining brown or white sugar, sesame oil, and hot chili oil. Toss well. Let the radishes stand at room temperature at least 1 hour to absorb the flavors. Swirl the bowl occasionally to redistribute the seasonings, and chill slightly before serving.

Sweet glazed cashews

INGREDIENTS

¾ cup water
3 tablespoons sugar
4 heaping tablespoons maltose (if available; or look for malt syrup in health food stores or substitute honey)
2 cups whole raw cashews, with a firm, unwrinkled look
3 cups fresh vegetable oil (Ms. Tropp keeps a separate bottle of oil for frying nuts, filtering it carefully between each use)

METHOD

☐ Bring the water, sugar, and maltose or syrup or honey to a boil in heavy saucepan, stirring to dissolve sugar. Reduce heat to medium, add nuts, and stir to mix. Adjust heat to maintain a steady simmer and cook nuts 10 minutes, stirring occasionally to redistribute nuts in syrup.

☐ While nuts cook, heat oil in a wok or heavy, deep skillet. Heat only until moderately hot, 275° (the prehaze stage when there are only slow swirls and eddies visible under the surface of the oil).

☐ After 10 minutes, scoop the nuts from syrup with a Chinese mesh spoon or small strainer and let them sit a moment in the spoon to drain. Reserve any remaining syrup for a later use.

☐ Add nuts to the 275° oil, then reduce heat to low so that the oil does not heat further. Stir the nuts constantly but gently as they fry, until they turn a light but distinct gold, about 5-8 minutes. Remove the cashews from the oil swiftly with a large mesh spoon or strainer and hold them above the pot briefly to let the excess oil drip off. Quickly spread the nuts on a cookie sheet or jelly-roll pan, separating them with chopsticks or wooden spoons so they don't stick together. Once they have cooled, the nuts will be crisp and no longer sticky. Toss them in a paper bag or blot with paper towel to remove excess oil before serving. *Note:* The oil for this dish may be strained and reused.

Mongolian fried peanuts

INGREDIENTS

1 heaping tablespoon Szechwan peppercorns
1 heaping tablespoon star anise
1 heaping tablespoon coarse kosher salt
⅛ teaspoon sugar
2½ cups cold water
½ pound (1⅓ cups) raw, red-skinned peanuts
3 cups fresh vegetable oil, or use oil reserved for frying nuts

METHOD

☐ Combine peppercorns, anise, salt, sugar, and water in a medium-sized saucepan. Bring to a boil over high heat, cover, and reduce heat to maintain a steady simmer. Simmer 5 minutes. Turn off heat, but leave pan on burner.

☐ Add peanuts to pan. Stir once or twice, cover, and let peanuts soak in liquid on stovetop overnight.

☐ Drain peanuts, and pat dry with paper towels. Spread them in a single layer on a cookie sheet and place in a preheated 275° oven about 2 hours, stirring occasionally

Continued on page 214

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The California Avocado Snow Boat

2 California avocados, peeled, halved and pitted
1 (6 oz.) pkg. Wakefield Alaska Snow Crabmeat
¼ cup sliced ripe black olives
¼ cup thinly sliced radishes
4 leaves of leaf lettuce

Thaw and drain crabmeat. Arrange crabmeat, olives and radishes on avocado halves. Place each avocado half on a leaf of lettuce (as pictured) and spoon on dressing. Makes 4 servings.

Love Food from California

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WAKEFIELD® Fine Alaska Seafood

with a spatula or wooden spoon to ensure even drying. When peanuts are almost dry but still oily (eat 1 or 2 to tell), discard the anise and peppercorns.

☐ Heat the oil in a wok or heavy skillet until only moderately hot, 275°. Add peanuts and fry over low heat, stirring gently all the while, only until light tan, about 5–7 minutes. They will continue to brown after removed from the oil, so do not overbrown.

☐ Scoop the peanuts out of the oil all at once, if possible—use a large Chinese mesh spoon or a metal strainer. Drain on several layers of paper toweling. Shake briefly (with salt, if desired) in a large paper bag to remove last traces of oil. Serve warm or cool. Store in a cool place in an airtight jar lined with a paper towel. Oil can be reused. *Note:* For delicious roasted peanuts, omit the frying step. Roasted peanuts are especially tasty served warm.

Thick and rich sesame paste noodles

INGREDIENTS FOR NOODLES

1 pound fresh, thin Chinese egg noodles (or any long, thin egg noodle, preferably fresh)
2 tablespoons dark brown sesame oil

INGREDIENTS FOR SAUCE

3 heaping tablespoons Chinese sesame paste, preferably or, if unavailable tahini from toasted sesame seeds
2 tablespoons oil from sesame paste bottle
3 tablespoons dark soy sauce
1½ tablespoons regular (thin) soy sauce
2 tablespoons honey
4 tablespoons dark sesame oil
1 tablespoon hot chili oil
About ⅛ cup hot water

INGREDIENTS FOR TOPPINGS

1 firm, large cucumber, peeled, seeded, and julienned
½ cup peanuts, coarsely chopped and roasted or stir-fried in a small amount of oil until pale golden brown
Fresh garlic to taste, chopped
Several scallions, trimmed and slivered

METHOD FOR NOODLES

☐ Parboil the noodles in a large pot of unsalted water only until firm. Drain immediately and rinse with cold water until thoroughly chilled. Shake off excess water, then toss noodles with sesame oil to separate strands. At this stage, you can store the noodles in the refrigerator for up to 2 days, wrapped tightly.

METHOD FOR SAUCE AND ASSEMBLY

☐ Combine sauce ingredients and blend until smooth—using a blender or food processor is easiest. Thin with the water to the consistency of heavy cream. (Sauce lasts indefinitely in refrigerator). Just before serving, toss noodles with sauce or pour in ribbons on top and allow each person to toss his own. Top with cucumber, peanuts, garlic, and scallion slivers. Serves 8–10 if served with other dishes; 4–6 if alone. Serve extra sauce alongside.

Golden-skin soy-steeped chicken

INGREDIENTS

2½ cups cold water
2 cups regular (thin) soy sauce
⅓ cup Chinese rice wine or pale dry sherry
12 individual points star anise
1½ inches cinnamon stick, crumbled (optional)
1 pinky-sized length fresh orange or tangerine zest, blanched, in boiling water 5 minutes (optional)
1 quarter-sized slice fresh ginger for every pound of chicken
1 thin scallion (optional)
1 4-5-pound young chicken, as fresh as possible (make freshness a priority over size), trimmed of excess fat and membranes
2 ounces golden Chinese rock sugar, wrapped in a sturdy lint-free kitchen cloth and smashed into bits (available in Oriental markets—if you cannot find it, use half the amount of granulated sugar or to taste)
1-1½ teaspoons dark sesame oil

METHOD

☐ Place the water, soy sauce, wine, anise, cinnamon, and orange or tangerine zest in a pot large enough to hold the chicken snugly and yet allow it to be turned. Smash the ginger and scallion lightly with the flat side of a cleaver or heavy knife to release their juices and add to the pot. Bring the liquids to a boil, then lower the chicken into the pot. Wait for the liquids to return to a boil, basting the chicken continuously with a bulb-top baster in order to set the color. Continue basting for a few seconds after a boil is reached, then reduce heat to maintain a gentle simmer and cover the pot. Check after a few minutes to see that the simmer is indeed gentle, then replace the cover and simmer 20 minutes.

☐ Turn the chicken over carefully in order not to tear the skin. (Use 2 wooden spoons or 1 wooden spoon for turning and 1 long chopstick for anchoring the chicken inside the cavity while turning.) Scatter the rock sugar into the sauce, swish 1 minute to dissolve it, then baste the chicken a full 2 minutes. Cover the pot, check the simmer, then continue to simmer another 20 minutes, basting the chicken frequently.

☐ Turn off heat. Leave chicken on the stove in the covered pot. After 1½ hours, turn the chicken over, being careful not to break the skin. Replace the cover and let sit an additional ½ hour in the hot liquid. During the 2 hours the chicken steeps, baste often to ensure a good flavor and rich color.

☐ Carefully remove chicken to a cutting board. Rub gently all over with the sesame oil, not forgetting the places under the wings and thighs. If desired, use a heavy cleaver designed for cutting through bones to cut off wings and legs, then whack the body into domino-shaped rectangles. Arrange the pieces attractively on a heated platter and serve hot or tepid. For a picnic, let chicken cool entirely, then cut it or tote it along whole and cut it at the table. Garnish the chicken with radish fans or coriander to show off its golden sheen.

☐ Strain sauce (called a master sauce) through several layers of cheesecloth to remove impurities, then chill, lift off fat and freeze. It will keep 1 week in the refrigerator, indefinitely in the freezer. Use sauce to cook another chicken or in following recipes. Leftover chicken could be recycled into cold-tossed chicken with carrot shreds (recipe follows). You may also freeze the chicken, wrapped tightly in foil. Reheat it briefly in the foil in a low oven, just long enough to release flavor and aromas. Serves 6–8.

Pot-stewed brown-sheen eggs

INGREDIENTS

Large eggs, hard-cooked and peeled
Master sauce from soy-steeped chicken

METHOD

☐ Use a sharp, thin-bladed knife to make 4 gashes at equal intervals along the length of the eggs, cutting almost down to but not into the yolk. (See photograph on page 000.) The gashes provide an entry for the sauce, a good cutting guide, and a simple but enticing visible decoration.

☐ Choose a saucepan that will hold the eggs snugly, put the eggs in the pot, then cover with the master sauce. Add water and a bit more wine, soy, and sugar if necessary for the sauce to cover the eggs. Bring the mixture to a simmer over moderate heat. Taste and adjust the sauce seasonings. Cover the pot and simmer the eggs very gently 15 minutes. Turn off the heat and leave the eggs in the pot a full 2 hours or overnight for even richer flavor and color. Serve tepid or at room temperature. Cut into quarters if desired to show variation in color from brown to white to yellow-gold.

Cold-tossed chicken with carrot shreds and sweet tea melon

INGREDIENTS

Master sauce from soy-steeped chicken
2½ pounds whole, very fresh chicken breasts, skin on and bone in, trimmed of excess fat and loose membranes
3 cups carrots, shredded (about 10 ounces or 2 medium-large carrots)
2½–3½ tablespoons dark sesame oil
1½–2 tablespoons rice vinegar
⅛ cup tea melon, drained of syrup and finely slivered (available bottled or canned as "preserved white melon in syrup") or ⅛ rounded cup celery, peeled, julienned, and tossed in a thin honey/hot water syrup

Continued on page 217

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CHICKEN CONTINENTAL

3 pounds frying chicken pieces
¼ cup flour (about)
2 tablespoons salad oil
1 can (4 oz.) sliced mushrooms
1 can (16 oz.) tomatoes, chopped
⅓ cup Kikkoman Soy Sauce
1 clove garlic, minced
1 medium onion, sliced
¼ cup sliced pitted black olives (optional)
3 cups hot cooked rice (cooked according to package directions)

Coat chicken pieces thoroughly with flour; brown slowly in hot oil. Meanwhile, drain mushrooms, reserving liquid. Combine mushroom liquid with tomatoes, soy sauce and garlic. Add to chicken with onion and stir to combine. Cover and simmer 45 minutes, or until chicken is tender. Stir in mushrooms and olives; bring to boil. Serve over beds of fluffy rice. Pass additional soy sauce, if desired.

Makes 4 to 6 servings.

RICE

Rice Council of America

Oriental take-alongs
continued from page 214

METHOD

Bring the master sauce to a boil in a pot hat will hold the chicken snugly. Put the hicken skin side down in the pot and poke under the sauce. (If it is necessary to re-lenish the sauce, add water or chicken tock, soy sauce, wine, and rock sugar to aste in proportions similar to those in the naster sauce recipe.) Reduce the heat to naintain a gentle simmer, cover the pot, nd a minute or so later check the simmer. immer 20 minutes, turning chicken once fter 10 minutes. Baste frequently.

Turn off the heat, turn the chicken skin ide down, and let sit in the covered pot ½–2 hours, basting occasionally. The nger the chicken sits, the richer and fuller he flavor and color.

Remove chicken from sauce and let ool. Remove skin in one piece and trim off atty edges. Slice trimmed square of skin nto long, thin slivers. Remove meat from one and shred it by hand with the grain nto long, thin pieces about half the width f your small finger. Mix chicken shreds ith about ⅛ cup skin shreds or to taste. oss mixture with about 2-3 tablespoons naster sauce, enough to moisten chicken ut not so much that it becomes wet or oupy.

Toss carrots with sesame oil and vin-gar, adding as much as needed to give a vely taste and attractive gloss.

Arrange carrots in a ring around a din-er-sized serving plate. Mound the chicken ently in the center and scatter the tea elon or celery on top. Serve at room tem-erature or slightly chilled. Serves 6–8 as art of buffet; 3–4 as a main dish.

arnelian carrot coins

INGREDIENTS

hick carrots, at least 1 inch in diameter but still sweet, scraped clean
aster sauce from soy-steeped chicken

ETHOD

Cut carrots on a sharp diagonal into ¼-ch-thick slices about 2 inches long. Don't t them too thin, lest they become overly ft during the course of steeping.

Bring the master sauce to a gentle sim-er, add carrots, then simmer, covered, 15 nutes. Turn off the heat and let carrots in hot liquid a full 2 hours. Remove cov-after the first ½ hour.

Pour off and reserve sauce for future e, straining it through several layers of eesecloth to remove impurities. Gently dge carrots into a shallow bowl, taking re not to break them. When cool, cover d refrigerate. Chill until firm. Flavor is at peak after a full day of refrigeration. rve cool but not ice cold.

arbelized tea eggs

INGREDIENTS

arge eggs, hard-cooked, shell on
3 cups cold water
1 tablespoon black (thick) soy sauce
1 tablespoon thin (regular) soy sauce
Pinch sugar
12 individual points star anise
1-inch cinnamon stick, crumbled
1-inch strip fresh orange or tangerine zest, blanched 5 minutes in boiling water
1 heaping tablespoon black tea

METHOD

☐ Using the back of a large, heavy spoon, tap a network of fine cracks over the surface of each egg, cradling it in your hand and turning it gently as you tap. Put the eggs—still in their shells—in a pot and add the water and the 2 soy sauces, sugar, anise, cinnamon, orange zest, and tea. Bring the mixture to a boil over high heat, then lower the heat to maintain a faint simmer. Cover the pot and keep liquid at a faint, steaming simmer 3 hours. Check occasionally to ensure that the eggs remain covered with liquid and add a bit more water if needed. At the same time, give the mixture a very gentle stir to redistribute the eggs and spices.

☐ After 3 hours, turn off the heat. Let the eggs steep in the covered pot at least 8 hours, or as long as 2 days. The longer the time, the richer the flavor and darker the color of the eggs. Just before serving, gently peel eggs to reveal their lovely marbelized pattern. Cut into halves or quarters and garnish with fresh coriander or interperse on a serving plate with red radish fans.

Thick and rich tofu salad with raw vegetable dippers

INGREDIENTS

8 ounces (2 cakes) fresh white tofu (bean curd), preferably the firm variety that has the consistency of pot cheese
1 dozen pretty red radishes, sliced thinly
1 small carrot, scraped clean and shredded
¼ cup scallion rings, green and white
⅓–½ cup overripe avocado (optional)
⅓ cup sweet red or green pepper, finely chopped and patted dry (optional)
2 tablespoons dried shrimp (soak in warm water about 10 minutes, until harsh saltiness is gone) or poached and cooled bay shrimp or baby shrimp, minced (optional)
1½ teaspoons mushroom soy sauce or 2 teaspoons regular (thin) soy sauce
¼–½ teaspoon coarse kosher salt
⅛–¼ teaspoon sugar
⅛–¼ teaspoon hot chili oil or cayenne pepper to taste
⅛–¼ teaspoon rice vinegar (optional)
1 long, very firm unpeeled cucumber, sliced thinly

Continued on next page

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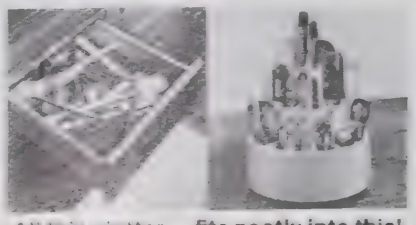

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METHOD

☐ If the tofu is excessively watery, place between tea towels and weight it under a cutting board for an hour to extract some water. Otherwise, place the tofu on a triple thickness of paper towel for 10 minutes, unweighted, to drain.

☐ Coarsely mince ⅓ of the radish slices (the least pretty ones) and all but a few carrot shreds in a food processor or by hand. Add tofu, scallion rings, avocado, sweet pepper, and shrimp, and process until tofu is smooth. Add soy sauce, sesame oil, salt, sugar, hot oil or cayenne, and vinegar, and process until combined. Taste and adjust seasonings to get a lively blend of all the various spices with no one of them predominating.

☐ Assemble the salad just before serving: Mound the tofu nicely in the center of a large plate, spreading the top smooth. Surround with a ring of overlapping radish circles, reserving several for a garnish. Next ring with overlapping cucumbers. Decorate the top of the tofu with radish circle "plum blossoms" (see page 205), scallion green "branches" and "tendrils," and scatter with bits of carrot. Serve with thin, flavorful unsalted crackers or with warmed pita bread triangles or taco chips. Makes about 1¾ cups.

Cardamom almond cookies

INGREDIENTS

2 level cups minus 1 tablespoon all-purpose flour, sifted
¼ teaspoon baking soda
2 teaspoons cardamom seeds, freshly ground fine enough to pass through a sifter
8 tablespoons (1 stick) sweet butter
1 teaspoon pure vanilla extract
½ cup light brown sugar, packed
2 tablespoons ginger preserves
¼ cup milk
1 tablespoon orange zest, grated
Generous ½ cup almonds, blanched and chopped
50 almond halves, blanched
About ¼ cup coral- or gold-colored jelly (passion fruit, guava, apple, or ginger jelly), melted

METHOD

☐ Sift together flour, baking soda, and cardamom. Cream the butter until smooth in a food processor or mixer, then add the vanilla, sugar, and ginger preserves and process until light. Add dry ingredients in 3 additions, alternating with the milk in 2 additions, processing with on-off turns or mixing at a low speed after each addition to blend the ingredients. Sprinkle the orange zest and chopped nuts evenly on top of the batter and incorporate them quickly into the dough. Do not overprocess, lest you rob the nuts of their texture.

☐ Turn the dough out onto a lightly floured sheet of wax paper. Wrap and chill until firm enough to shape into a long roll about 1½ inches in diameter. Use the paper to help you. Shape the log further if you want an oval or oblong-shaped cookie as opposed to a round one, but work quickly so the dough remains firm. Wrap neatly and tightly; freeze until hard.

☐ Arrange 2 racks in even thirds of the oven. Unwrap dough and use a thin-bladed cleaver or a sharp, heavy knife to cut the log into ¼-inch-thick slices. Place the cookies 1 inch apart on ungreased cookie sheets. Use a bit of jelly to stick an almond half on top of each cookie, then brush the top of the cookie with a thin film of jelly. Bake in a preheated 350° oven about 15 minutes, until the glaze and the edges of the cookies have become slightly toned with color. Quickly reverse the position of the sheets halfway through baking time. Remove cookies with a spatula to a rack to cool. Makes about 50 cookies. Dough can be made ahead and kept frozen. Cut off a few dozen as needed.

Steamed whole pears stuffed with cassia blossoms and honeyed liqueur

INGREDIENTS

6 tablespoons wildflower or unflavored honey
2 rounded tablespoons white raisins
1 rounded teaspoon preserved cassia blossoms, or 1½ teaspoons crystallized ginger, minced or preserved ginger in syrup ("stem ginger"), drained
1½ tablespoons "forbidden fruit," apple, or mild pear liqueur, or any good cognac to taste
4 large or 6 smaller hard, green, unblemished pears that will stand straight (about 3 pounds) or firm, green, baking apples

METHOD

☐ Combine the honey, raisins, cassia blossoms or sweetened ginger, and liqueur. Remove tops from pears about 1 inch from stem end, and keep each cap alongside its pear so you can match them up later. Core the pears with a sturdy fruit corer or melon baller. Work carefully, taking out seeds and central column and being careful not to cut through the bottom.

☐ Stir and taste the filling for an equal balance of sweetness and alcohol. Pour an equal amount of the liquid into each pear, distributing the raisins equally among them. Replace pear lids.

☐ Stand the pears upright next to one another in a shallow Pyrex pie plate or an ovenproof dish. Place on a rack in a deep pot over boiling water. Make sure to leave at least ¾ of an inch free between dish rim and pot to allow circulation of steam. Cover, and steam the pears about 45 minutes–1½ hours. To test, lift off a cap and poke a knife gently into its cut side. Do not overcook or fruit will fall apart. Check periodically to replace any lids that may have fallen off and to replenish the steaming water. When cooked, chill thoroughly before serving. Serve in individual bowls with the lids on, each pear surrounded by a bit of the sweet juices that accumulate during the steaming. Serves 4–6. Can be made up to 2 days in advance.

Below are mail-order sources for Chinese foods that may be hard to find:

New Frontier Trading Corp.
2394 Broadway
New York, N.Y. 10024

The Chinese Grocer, Inc.
209 Post St.
San Francisco, Calif. 94108 ■

6 tablespoons tomato sauce
3 20-ounce cans chickpeas (about 7 cups)
1½ teaspoons salt
3 tablespoons lemon juice
1 (or more) fresh, hot green chilis, chopped (canned jalapẽno peppers may be used)
2 packed teaspoons fresh ginger, grated, or ¾ teaspoon powdered ginger
4 teaspoons garam masala (see note)

METHOD

☐ Heat oil in a wide heavy pot over medium heat. Add onions and fry 7–8 minutes or until lightly browned at the edges. Add garlic and fry, stirring, another 2 minutes. Add tomato sauce, a tablespoon at a time, fry about 20 seconds after each addition.

☐ Drain chickpeas, reserving ¼ cup liquid. Add chickpeas and liquid to pot with remaining ingredients. Mix gently. Cover, lower heat, and simmer gently 10 minutes. Cool and pack into jars. Serves 6–8.

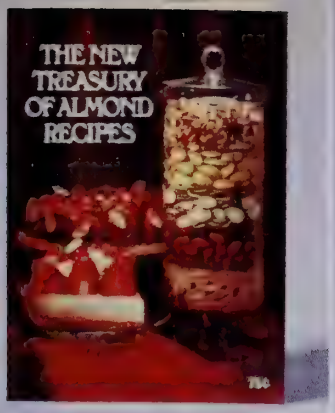
Note: Garam masala is available in Indian spice stores. It is best, however, made at home by grinding the following spices in a coffee grinder: 1 tablespoon cardamom seeds or whole black cardamom pods, 1 teaspoon black peppercorns, 1 teaspoon whole cloves, 1 teaspoon whole cumin seeds (preferably black cumin seeds), 1 2-inch stick cinnamon, ⅓ of a nutmeg.

Creamed eggplant

INGREDIENTS

3 medium-sized eggplants (about 2¾–3 pounds)
5 tablespoons vegetable oil
½ teaspoon whole fennel seeds
2 medium-sized onions, peeled and chopped
8 cloves garlic, peeled and minced
6 tablespoons tomato sauce
2 packed teaspoons fresh ginger, grated, or ½ teaspoon powdered ginger
1 teaspoon salt
⅛ teaspoon cayenne pepper
⅛ teaspoon black pepper, freshly ground
3 tablespoons heavy cream
2 tablespoons Chinese parsley (coriander), minced, or regular parsley

Continued on page 221



ALMOND STRAWBERRY ZABAGLIONE

- 2⅔ cups sliced strawberries
- ½ cup Blue Diamond® Sliced Natural Almonds, toasted
- 6 egg yolks
- ⅔ cup granulated sugar
- ½ cup Marsala
- 4 whole strawberries

Place 1/3 cup sliced strawberries in bottom of each serving dish. Sprinkle 1 tablespoon of the almonds over berries in each dish. Whip egg yolks with sugar in top of double boiler. Add Marsala, stirring constantly. Set double boiler over cold water and cook mixture, over medium heat, stirring constantly, until sauce is thick and creamy. Spoon sauce over fruit and almonds. Arrange 1/3 cup strawberry slices over sauce in each dish. Sprinkle each with remaining almonds. Garnish with whole berries. Makes 4 servings.

We do it with strawberries—but almost any fresh fruit is great with this almond dessert. (Picture the same recipe with nectarines, peaches or blueberries.) You make the dessert with sliced natural almonds, one of the five ready-to-go forms of Blue Diamond® cooking almonds. (From the top in bar: chopped, blanched whole, sliced natural, whole natural, blanched slivered.) Each adds texture, eye appeal and wonderful flavor to foods. All are available in cello bags. Send for our brand-new Almond Treasury Recipe booklet. Over 100 great recipes including salads, main dishes, vegetables and delectable desserts. Please send 75¢ to: The New Treasury of Almond Recipes, California Almond Growers Exchange, Dept. HG P.O. Box 42577, San Francisco, CA 94142.

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Cold spicy food
continued from page 218

METHOD

☐ Prick eggplants with a fork, about 2–3 jabs to a side, and lay them in a foil-lined baking tray. Place under preheated broiler. When the skins are charred on one side (this will take about 15–20 minutes), turn the eggplants over. Continue to do this until the eggplant skin is charred on all sides, and the pulp of the vegetable is soft and mushy.

☐ Peel away the charred skin and chop up the softened eggplants. Heat the oil in a skillet over medium heat. When hot, add the fennel seeds, 5 seconds later add onions and garlic. Fry, stirring, 5–7 minutes, or until onions are golden brown. Add the tomato sauce, a tablespoon at a time, and continue frying another 2–3 minutes. Add the chopped eggplant, ginger, and salt. Reduce heat to medium low and sauté eggplant 10–15 minutes. Add cayenne, black pepper, cream, and parsley. Mix well. Cool and pack into jars. Serves 6–8.

Filled deep-fried pastry cones (Samosas)

INGREDIENTS FOR PASTRY

1½ cups unbleached all-purpose flour
¼ teaspoon salt
1 tablespoons usli ghee (clarified butter)
Oil for deep-frying
Extra flour for dusting and making paste

INGREDIENTS FOR KHEEMA FILLING

tablespoons vegetable oil
medium-sized onion, peeled and minced
¼-inch piece of ginger, peeled and grated
cloves garlic, peeled and minced
½ pounds lamb shoulder, ground
hot green chili, minced
½ teaspoon ground turmeric
teaspoon salt
teaspoon garam masala, available in gourmet shops
tablespoons fresh Chinese parsley (cilantro), minced
tablespoon amchoor (raw mango, dried, ground), available in gourmet shops

METHOD FOR PASTRY

Sift the flour and salt into a bowl. Rub in the ghee with your fingertips so that the flour resembles fine bread crumbs. Add *warm* water, a tablespoon at a time, and begin to gather the flour into a ball. You will need about 6 tablespoons of water. Form a ball and begin to knead it. Knead well in the bowl for about 10–15 minutes. Wrap dough in plastic wrap and leave in refrigerator until ready to use. Dough can be made a day in advance and refrigerated.

METHOD FOR FILLING AND ASSEMBLY

Heat the oil in a 10-inch skillet over a medium flame. Add onion and fry until golden brown. Add ginger and garlic and fry, stirring, another minute. Add the lamb, green chili, turmeric, and salt. Break up the lumps of meat and fry, stirring, 4–5 minutes. Stir in ¼-cup water, bring to a boil, cover, reduce heat, and simmer gently 45 minutes. Lift cover and add the garam masala, Chinese parsley, and amchoor. Stir and dry off any remaining liquid on a higher heat. Spoon off any fat that may have accumulated. Leave, covered, to cool.

☐ Take the dough out of the refrigerator. Knead again. Divide dough into 12 equal balls and cover with plastic wrap.

☐ Make a paste with 2 tablespoons flour and 2½ tablespoons lukewarm water in a small bowl. Set aside.

☐ Put about 2 inches of oil in a pan for deep-frying. Heat on a medium flame to 350°.

☐ Flatten one of the dough balls and roll it out on a floured surface into a round 6 inches in diameter. The pastry should be as thin as possible. Cut the round in half with a sharp knife. Pick up and form into a cone, making a ¼-inch overlapping "seam." Use the flour paste to seal the "seam." Fill the cone with a heaping tablespoon of the filling. Close the top of the cone by sticking the open edges of the triangle together, again with the help of the flour paste. This seam should also be ¼ inch wide. Press the top seam again and, if possible, "flute" it with your fingers. Make all 24 samosas this way, keeping them loosely covered with plastic wrap.

☐ When the oil is hot, drop in the samosas, 3 or 4 at a time, and fry them until golden brown, about 1–2 minutes on each side. Drain on paper towels and keep warm in a 200° oven until ready to serve or let cool to room temperature. Serves 6–8.

Deep-fried breads (Bhaturas)

INGREDIENTS

1 pound (about 3½ cups) unbleached flour, plus extra flour for kneading and rolling
¼ teaspoon salt
1 teaspoon baking soda
2 teaspoons sugar
½ cup plain yogurt, slightly warmed (be sure yogurt has live cultures)
2 large eggs, at room temperature
Vegetable oil

METHOD

☐ Sift the flour, salt, and baking soda into a warm bowl. Add sugar, yogurt, and eggs and mix well. Add lukewarm water, a little at a time, until the dough holds together in a ball. (You will need ¼–½ cup.) Knead well 10–15 minutes, or until the dough is smooth and elastic but soft. Form dough into a ball. Rub the ball with about 2 teaspoons oil and place in a clean bowl. Cover bowl with plastic wrap or a wet towel and leave in a warm, draft-free area to rest 5 hours (or overnight in a 68°–75° kitchen).

☐ Knead dough again. Divide into 24 equal balls and keep them covered. Line a platter with paper towels and place near stove.

Continued on next page

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Cold,spicy food
continued from preceding page

Heat about 2 inches of oil in a deep skillet or wok over a medium flame until it is smoking hot. Roll out dough, one ball at a time, into circles about 5½ inches in diameter, dusting with flour if the dough sticks. As soon as it is rolled out, drop circle into hot fat. It will first sink to the bottom and then, in a few seconds, rise and sizzle. With the back of a slotted spoon, press down on it gently, again and again, using quick, light strokes. The bread should puff up and turn golden on its underside. Turn it over and let the other side turn light brown. The entire process should take less than a minute. Put bhatura on the lined platter and cover with a paper-towel-lined plate or inverted bowl. Do all bhaturas this way and keep covered. When they are at room temperature, stack the breads and pack them in aluminum foil or plastic bags. Makes 24 breads.

Below are some mail-order sources for Indian foods and spices:

Spices and Foods Unlimited, Inc.
2018-A Florida Ave. N.W.
Washington, D.C. 20009

Sahadi Importing Company, Inc.
187 Atlantic Ave.
Brooklyn, N.Y. 112011 ■

One potato
continued from page 201

sprinkle lightly with finely chopped scallions. A few tablespoons of slivered smoky ham can be stirred into the vegetables with the cream.

Stir-fried Creole shrimp: Fry 4 thick slices of bacon, diced, in a wok or large skillet until crisp. Drain on paper towels. Add 1 tablespoon sweet butter to bacon fat in pan and place over moderately high heat. Add 4 Italian frying peppers in thin strips, 1 pound shelled small shrimp, and 1 cup thinly sliced scallions. Stir-fry about 1 minute, just until shrimp turn pink. Season with salt and pepper, stir in crisp bacon, and spoon over large hot baked potatoes. Serves 4.

To bake a potato: Choose a firm, heavy, unblemished potato—discard those with sprouting "eyes" or a green tinge. Scrub the potato, then bake as is or rub lightly with oil—oiled potato skins will be softer. Pierce the potato with a fork to let steam escape during baking—this will make the potato fluffier inside. Bake in a 425° oven about 55 minutes. If you use a meat thermometer, the internal temperature should reach 210°. Do not overcook! Remove from oven and use a fork to cut an X in the top of the baked potato to let steam escape. Top with the chosen stuffing and serve immediately.

Amnion's glazed stoneware Tandoor oven has a skewer in the top that can help bake potatoes in half the usual time. Place potatoes on greased skewer (it will hold 3 or 4), bake in a 425° oven about 20 minutes.

Microwave ovens make even quicker work of potatoes: Choose potatoes of similar size and shape. If they do vary, place larger ones close to the oven wall where microwaves penetrate most easily. Prick with a fork, place a layer of paper toweling on oven floor to absorb moisture, and arrange potatoes like flower petals on toweling, about 1 inch apart so they cook evenly. Turn halfway through cooking time. Remove from oven, wrap in foil, shiny side in, or cover with a bowl to hold in heat—they will finish cooking in the necessary 5–10 minute standing time. General microwaving time: 1 potato, 3–5 minutes; 2 potatoes, 5–7½ minutes; 3 potatoes, 7–10 minutes; 4 potatoes, 10½–12½ minutes.

Pressure cookers are almost as speedy, but won't yield quite the same flavor or texture as oven baking. Place 4 unpeeled potatoes on a rack in pressure cooker, add 1½ cups water, adjust cover securely. Place over high heat, bring to 15 pounds pressure as manufacturer directs. When control jiggles, reduce heat and cook 15 minutes. Remove from heat, reduce pressure by placing cooker under running cold water, then open and remove potatoes.

Toaster ovens can bake 4 or more potatoes efficiently without heating up the kitchen. Preheat the toaster oven 3 minutes at 425°, pierce potatoes, start testing for doneness after 30 minutes. ■

Meal in minutes
continued from page 198

METHOD

☐ Place the beef and parsley in a bowl. Grate the onion into the bowl, using the finest grater possible. Add remaining ingredients, using just enough yogurt to bind the mixture. Blend thoroughly and form into sausagelike pieces. Shape and press onto skewers. Grill over charcoal or place under a broiler, turning once, until meat is crusty brown on both sides and done to your taste, about 5 minutes. Serves 4 as a main course, 8 as an appetizer.

Spiced Indian eggplant

INGREDIENTS

2 eggplants
4 tablespoons butter
2 large onions, finely chopped
3 ripe tomatoes, sliced in thin wedges
¼ cup fresh ginger, cut into matchsticks
1 fat fresh hot green pepper, in thin wedges
1 teaspoon paprika
Salt
3 tablespoons fresh coriander, chopped

METHOD

☐ The eggplants are best done if you put them on a charcoal grill, turning them over the hot coals until well done. This results in a delicious husky flavor. For apartment dwellers: Skewer the eggplants and turn them slowly over a high gas flame 4 or 5 minutes, until skin chars and they are about to burst. Cut and scoop out pulp. You may also grill them under a broiler.

☐ Melt butter in a saucepan and add eggplant pulp. Add onions and cook 10 minutes, stirring often. Add tomatoes, ginger, pepper wedges, paprika, and salt to taste. Simmer 15 minutes, stirring to prevent scorching. Remove from heat. Add coriander. Serves 4.

Cinnamon ice cream

INGREDIENTS

1 quart vanilla ice cream
1 rounded teaspoon powdered cinnamon

METHOD

☐ Let ice cream soften just enough to stir. Add cinnamon and mix thoroughly. Spoon into freezer tray and immediately refreeze. Serves 4. ■

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Read the Label
continued from page 86

some models, like side-by-side refrigerator/freezers or refrigerator/freezers with ice and water access through the door, may consume more energy, but may suit some people's needs better than a model that uses less electricity. We hope to continue to offer consumers a choice."

You can buy wisely thanks to the labels, but if you really want to save, conservative use of the appliance counts, too—that means avoiding constant opening and closing of refrigerator doors, not running half-filled dishwashers or clothes washers, and not leaving freezers undefrosted.

Educating salespeople and consumers about the labels and about energy saving in general is part of the new law. Look for upcoming Public Service Announcements on radio and television, and send for a Consumer Fact Sheet on energy saving: c/o Jean Pruitt, Program Manager, Appliance Labeling/Consumer Education, Department of Energy, 1000 Independence Ave. S.W., Washington, D.C. 20585. ■

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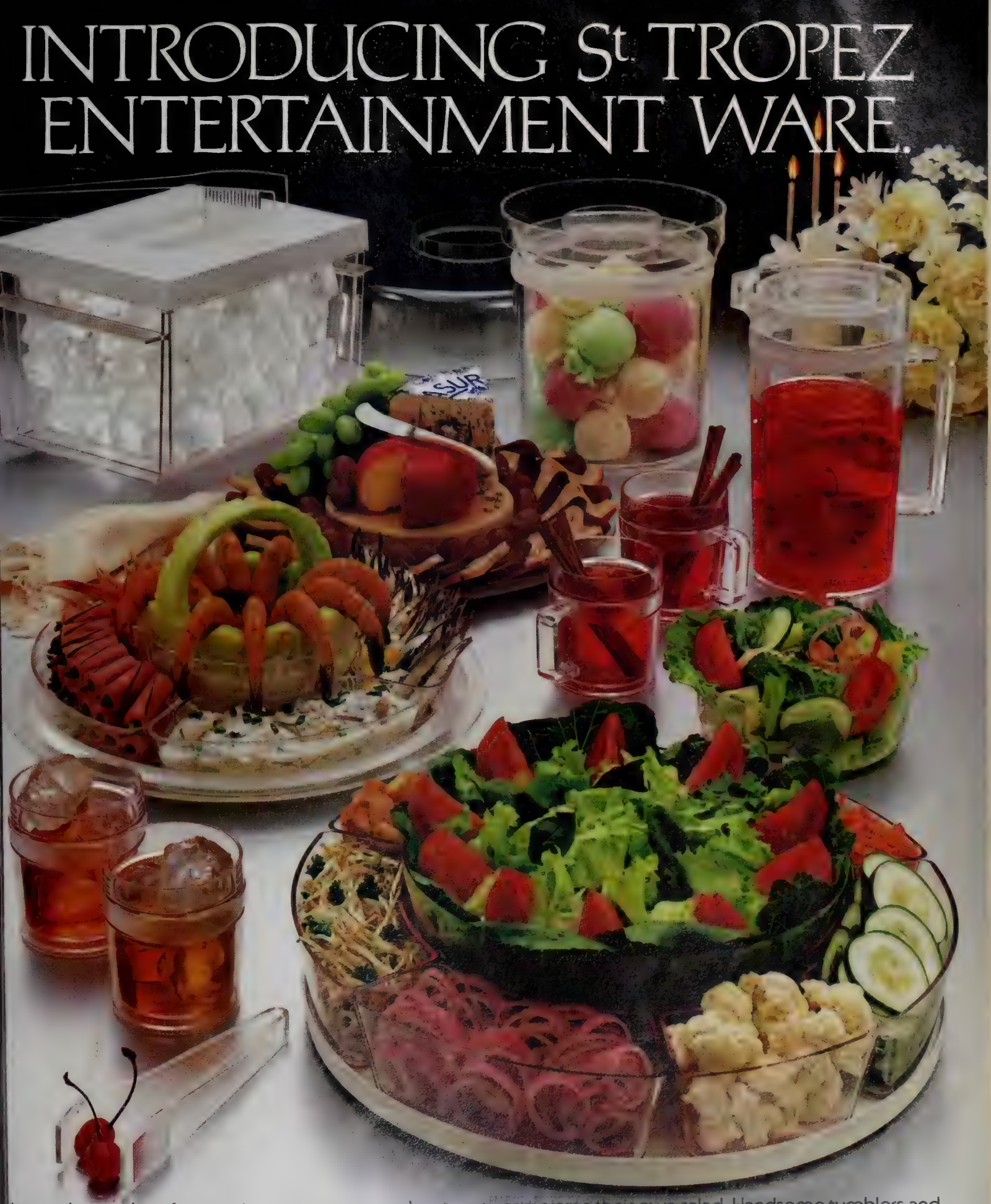

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the Kitchen

emodelings, cooking tips, and helpful hints for your kitchen

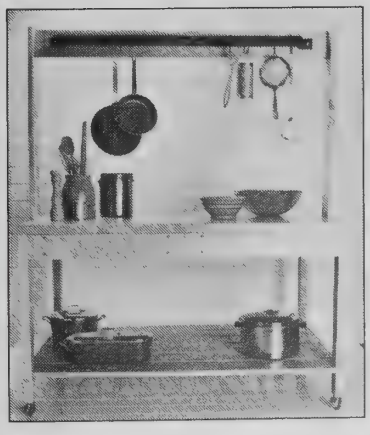
New! Glass beakers to cook and serve in

u don't have to be a scientist to use beakers. With s lined-for-measuring clear glass cookware you add ingredients for a béchamel, reduce sauces, what you will right on the stove top or in the n or microwave. The heat stays in the container, handle remains cool. Berzon's 100-percent oratory glass is offered in an assortment of pots measuring beakers that are handsome to serve m, with a variety of loop and rod handles and a le range of sizes to choose from. For additional ormation, see Shopping Information.

anne Giovanni

ep-saving ork island

el like you're run- ng a marathon in the tchen? Eliminate eps without con- uction with a work ole that can be rolled ay when not in use. ade of hard-rock ple butcher block, e basic unit, *right,* easures 36 inches gh and 60 inches g and has storage ace beneath for large ts, crocks, and bas- ts ($310). Add an erhead bar (36 inch- high) with a ought-iron rack on ch side for hanging ts and utensils



($125) and up to four drawers ($45 each) for more utensils. For mobility, casters provide the final touch ($45). At Great North Woods, 425 Fifth Ave., New York, N.Y. 10016. $39 shipping in the U.S., plus 5-percent of total cost additional for packing.

New look in sinks

An old wall gets a new look

You can use all the storage space you can get in a modern kitchen. And conserving existing materials is one way to cut down on expense and construction. In an old New Orleans house, architect Ronald Katz opened up a confining wall that separated kitchen from dining area and back stairs, exposing studs 16 inches apart. To get a sense of openness and keep a degree of privacy, Mr. Katz turned the existing support system into much-needed storage space by boxing in the crooked, rough-edged mainstays and adding shelves—one below for boots and shoes, two above for cookbooks and collectibles. Hooks were screwed in for coats and sports equipment. Still private, but accessible to most activities, the room is more open and the old house is structurally unchanged.

Reitter

A total water center that minimizes steps in food preparation and clean up, Elkay's new double stainless steel sink, the System V, is a versatile, efficient performer in a small amount of space, eliminating many light chores that take energy and time. The familiar 33-by-22-inch sink has been rearranged to accommodate today's needs: a large bowl (21 by 15¾) with gooseneck faucet for stock pots, roast pans, and cookie sheets, with a removable chopping board for preparing vegetables, and a smaller bowl (7½ by 15¾ by 5) with disposer, for quick clean-ups. Instant cold and hot water dispensers are time-savers for quick bouillon, refreshing blanched vegetables, or cold summer drinks.

If color is what you want, Eljer Plumbingware and American Olean Tile have collaborated to give you for the first time the option of a coordinated ceramic look. Eljer's double-bowl sink, Ceramica Ensemble, will be available in late spring in a popular flecked pattern, with matching American Olean countertop tiles. The tiles can be laid flush with sink rim for even flow of color and overall design. Wheat is the introductory color, with others to follow. For information about both sinks and tile, see the yellow pages for distributors nearest you.

Money-smart strategies
continued from page 175

need indexing of the progressive income tax so that your total income has been adjusted for inflation," says Steve Forbes.

Why so much tax? It's the price for the quality of life we want, clean air and water, care for the elderly, the unemployed. George Will explains: "The fact is, politically, all western societies insist on a welfare state. It's a price they originally paid not to have revolution, and it's the price you pay today to get elected to office. As a result there's an endless stream of demands made upon government for goods and services, never a demand for taxes to pay them. There is constant pressure to hold taxes down and run expenses up. That's in the genetic code of our political system. A democracy always has to pay special attention to fighting inflation on the supply side of the equation. If you're a politician, it means you have to adopt a language particularly grating on popular sensibilities and say, flat out, that there have to be tax incentives for the investing classes."

"The word 'loophole' is a stigmatizing description," Will continues. "The nonpejorative word is incentive. Government has certain incentives built into the tax code. One of the most effective instruments in modern government is the little line on the tax form that allows people to deduct mortgage interest and payments. A social decision was made long ago that we want a nation of homeowners. It gives people a stake in the system. A certified Madisonian, traditional American incentive. We also believe it is a good thing to encourage charitable giving to broaden the base of philanthropy so the state doesn't monopolize good will. Another little line on the tax form. It happens to work."

In spite of the burden of taxation, most Americans are actually overpaying their taxes. "It pays, literally, to have a good accountant who knows that 'loopholes' are there as an incentive and aren't a shady advantage that the honest don't press," says Donald McShane.

SAVINGS

What's happened to American thriftiness? "A penny saved is a penny earned" seems to hold true only if you are hoarding pennies for their copper value. "Saving in the normal sense, the sense that every American has been accustomed to, putting money in a savings account, is a loss. A dead loss." remarks George Will. The fact that most Americans aren't saving in the traditional way is understandable when inflation is at 14 percent and a passbook savings account pays 5 percent interest. (Even 12 percent treasury bonds yield only 6 percent after tax.)

The national savings rate this year may go as low as 3.9 percent off from 7.7 in 1975. Instead, and perhaps correctly, Americans are spending on objects, houses, stocks, collectibles, and on more transient pleasures.

The "new" savings account is the money market fund. Says financial writer Chris Welles, "They are easy to get into and out of, pay 13 or 14 percent, require an initial deposit of as little as $1,000. You can also write large checks ($500 or over) on them. Investments are all short term—treasury bills, certificates of deposit, commercial paper from large corporations. Anyone with income in clumps (above all, clumps of money shouldn't be kept in checking accounts) can benefit from these funds. Check the money fund to see it has a decent portfolio—not all obscure banks and corporations. Then be sure the fund can handle the paperwork without getting behind."

Other observers point up the need for having savings liquid in an inflation or crisis. For one thing, liquidity allows you to move quickly to buy assets at a discount. (Donald McShane puts it this way: "The time might come when a farm could sell for half its value for cash.")

> Despite all the uncertainties, the stock market is still extremely cheap, and full of undervalued companies

INVESTMENT

Because of inflation, Americans for the first time don't seem to know what a prudent investment is. What are the new rules? There aren't many, but the search for "real" assets nerves everyone's efforts. One international financial observer explains it this way: "America and England are the only two complete financial markets in the world. Every sort of financial instrument is available to people. The wealth of these markets is described on pieces of paper. The main wealth in America has always been paper and financial assets. In a country like France, where there aren't these sophisticated markets, people have always owned land, objects, gold. They also tended to own their own businesses. Americans are now turning away from financial assets and turning to things."

The smart money seems to like gold. South African gold stocks if you want an income. Gold coins in a safety deposit box if you just want the rise in price. (How to choose gold stocks and which gold coins to buy is something to research carefully.) Those who believe in gold regard it as the ultimate nest egg. Not perhaps what to do with everythin you have in the world, but at least pa of it.

Experts like McShane don't recom mend investing in objects unless yo really know about what you're buyin Jewelry, paintings, antiques are als criticized by purists because there's n established daily market for them. N only do you have to wait if you want t sell, they say, but you are buying at r tail (from galleries and jewelers) an selling at wholesale. The argument f buying and selling at auction seem sounder, as presented by Daniel Zilkh publisher of *Art & Auction Magazin* New York.

"Auction houses are offering a whol sale market to buyers and sellers alik But the auction market is still not a trad ing market. It's for investors wit knowledge and patience. An object han mered down to you for $1,000 costs yo another 10 percent which goes to th auction house; then there's 8-percen sales tax. You pay almost $1,200 total. you were to turn around and sell it th following day for $1,000, you'd onl take home $900 because 10 percent goe back to the auction house. The sprea between the $900 and $1,200 can only b made up in time."

"To invest prudently in the auctio market," according to Zilkha, "you mus be able to afford to buy the best (second rate things often don't hold their value be knowledgeable about what you'r buying, and be able to hold on for a cou ple of years. The gains are had over a pe riod of 3-5 years. When you want to sel auction houses can bring your lot up fo sale within three months, to me a sati factory degree of liquidity."

Purists also recommend buying farm land and land in general in an inflation Housing we've already discussed. Bu the sneak investment idea for the la months has been the stock market, th big no-no investment of the '70s.

"The stock market is full of underva ued companies," says Steve Forbe "The average stock has done extremel well since the bottom of the market i '74. And today, despite all the uncertai ties, the market is still extremely chea by historical standards."

Ashby Bladen, author of *How to Cop with the Developing Financial Cris* (McGraw-Hill), believes above all i making liquid investments these day He goes so far as to tout the much-ma ligned growth stock. And after that, h embraces the whole market. "As a class the stocks of financially-sound Ameri can companies are the most attractiv assets in the world today. Considere purely as financial assets, I would muc rather own stocks than houses."

As the stock market moves agai what are people buying? "Oil stocks, de fense-related stocks, asset-rich compa nies—copper producers, wood an

Continued on page 23

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Money-smart strategies
continued from page 228

paper companies, and railroads." (*The New York Times*, February 10.)

Since there is a statistic that says that small investors, over time, do not do well in the market, be sure that you don't go into the market cold. Choose a broker or an investment adviser not only that you trust but who also has been investing correctly and successfully in the last 10 years. An annual subscription to the Value Line Survey, an eye on what the Standard & Poors 500 or Wilshire Index are saying, is the best way to approach the market rationally on your own. To use Value Line or any other survey successfully, you must be able to understand the "numbers" which describe better than words the health of any business. According to Forbes, two of the best new books on the stock market are *The Money Masters* by John Train and the newly published *Inflation-Beaters Investment Guide* by Burton Malkiel (W.W. Norton & Co.).

NOW HOW DO YOU FEEL?

Too much talk about money? Not money, really, but about American capitalism and how we're doing with it. To put things in perspective:

> "E.M. Forster, one may recall, as a literary man who basically despised politics, gave only 'two cheers for democracy' . . I think he was saying that, whatever the absolute or relative merits of democracy, the satisfactions of private life are inherently superior to those provided by any political order. . . . A capitalist society does not want more than two cheers for itself. Indeed, it regards the impulse to give three cheers for any social, economic, or political system as expressing a dangerous—because misplaced—enthusiasm."
>
> *Irving Kristol, the preface, "Two Cheers for Capitalism"*

Forster's and Kristol's spirit of mental independence will perhaps cheer anyone who has made the mistake of looking to market averages, rates of inflation, and national indexes as the only important indicators of American life. Remaining undismayed by old double-digit we can, individual by individual, chart a prudent path. ■

The water garden
continued from page 190

Tubs and other containers can be stood on a hard surface or dug partly or completely into the ground. It is attractive to place several tubs together, using different sizes and different levels of recessing. If in the ground, the spaces between them are best filled with soil, where small plants can be grown. Such arrays of tubs can be attractively combined with paving or cobblestones, and with other plants in pots.

Whether the pool is large or small, its edges should be absolutely level—there is nothing more irritating than a pool with edges that do not match the water surface. So when putting the final touches to the initial digging out, use a long, strong piece of wood and a spirit level to make sure that all is well.

So far I have discussed only pools of still water. Many people like fountains. For these you need to install electric pumps submerged at the bottom of a pool, or placed in a wood or concrete box underground just outside it; plastic pipes can readily be arranged as required. A bit of extra thought is needed during the construction stages, but there are no problems a competent handyman cannot cope with. Electric wiring must be made *thoroughly* waterproof. Better still, get a pump which has a transformer to reduce the voltage in the areas where there is any danger of water penetrating the installation.

One can install a fountain in any small pool, and heads are available to produce a wide range of jet patterns. I should mention that water lilies do not much

Continued on page 232

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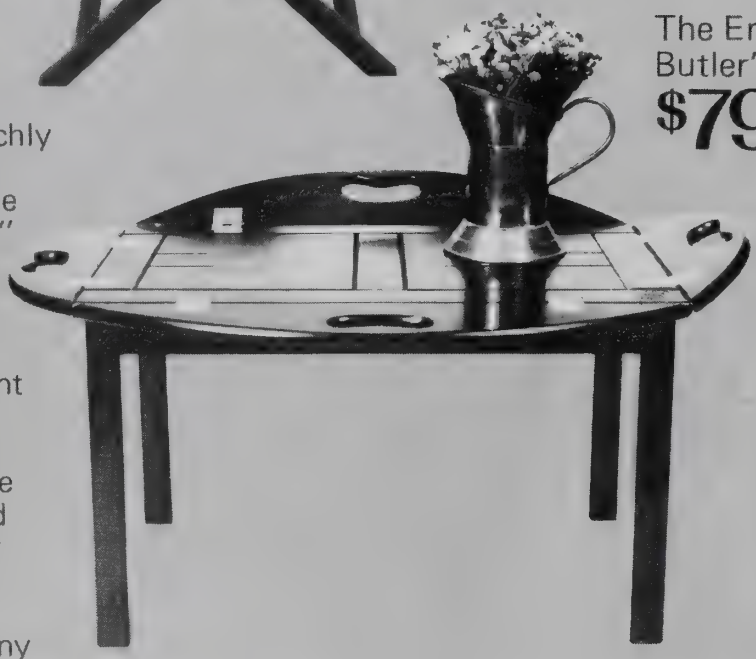

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care for constant spray falling on them, and, in any case, a fountain will lower the water temperature and slow down flowering. I often feel that a pool with a fountain should best be quite formal and devoid of plants—a distinct feature in its own right. Such a fountain can be housed in a very small, shallow pool or bowl.

A refinement of the straightforward fountain jet spouting from a pool, especially valuable in small patio gardens, is the "bubbler." This can be a round stone like a mill wheel, or a square one (these can be made of concrete), perforated in the center, through which a buried pump forces up a small flow of water. I have seen bubblers made from large, irregular rocks, perforated in several places, and a variation is to let the jet of water come up through large rounded cobblestones placed within a round or rectangular container.

The one thing all these bubblers have in common is a watertight base container into which the water can settle and be taken up again by the pump; and this is most readily made of concrete. The bubbler jet is best kept quite low: It is the gentle movement and the subsequent flow of water over the stone or among the cobbles which is so attractive. A similar pump arrangement is needed for any recirculating system, whether it is the traditional lion's head, a spouting frog or dolphin, pouring or dripping water into a pool or basin.

One great thing about water gardening is the range of plants it can bring into your garden

One last suggestion for water as a decorative feature is what one may call the "eye" of water—a mirror pool which shines or ripples and is particularly effective in a rather dark corner. This can be quite small, as little as 18 inches across, and very shallow, and can be made flush with the soil surface or raised above it as preferred. The mirror pool has no plants in it.

As I mentioned at the start, one of the great things about water gardening is the new range of plants it brings into the garden. Outstanding among these are water lilies, their rounded floating leaves a decoration in themselves, their flowers almost unparalleled in the plant world. Water lilies are often classified as to the depth of water they will grow in, but some have a spread quite out of proportion to this, and it is their spread that must be watched, or you will have leaves flopping out of the pool and shriveling up.

The smallest of all water lilies is the North American Nymphaea tetragona, with white flowers about 2 inches across; another modest one is N. odorata minor, with purplish blooms. From such parents come hybrids like 'Yellow Pygmy,' 'Laydekeri Lilacea' in pink, 'Laydekeri Purpurata' in crimson, and the remarkable 'Aurora,' which changes color from yellow through orange to red as the flowers age. These will grow in very small tubs. For slightly larger pools, the variety increases, including peachy-colored 'Paul Hariot' and rich pink 'Somptuosa.' In Southern and Western states where the climate permits, those lovely tropical lilies which stand out of the water can be grown year-round, again selecting compact kinds like pale blue 'Dauben,' deep blue 'Colorata,' or violet 'Panama Pacific.'

You can even grow the sumptuous sacred lotus Nelumbo neucifera, which will perform satisfactorily in a half-barrel and survive winters quite far north. Several colors are available, including double forms, and there is a dwarf lotus called 'Momo Botan' in rich cherry pink, which will grow in a tub 9 inches deep.

The bright yellow water-fringe or floating-heart, Nymphoides peltata, looks like a miniature water lily although it is in fact related to the gentians, and this rapidly spreading little flower is very attractive in small pools.

Another plant with floating leaves that ought to be in any pool except the smallest—it is just too vigorous for a tub—is the water hawthorn, Aponogeton distachyus. This has curious white, black-speckled blooms looking like little boats, which go on blooming for many months among the long narrow leaves.

Other water plants each favor a specific depth of water—a good water-plant catalogue will give full details. If you have devised an arrangement of tubs, you can fill them with soil to different depths, in which plants can be rooted directly. In the larger ones, use bricks to bring a planting container to the required level.

Plants you can grow with soil at water level

To grow with soil at, or just below, water level, there are the marsh marigold, Caltha palustris, and its handsome double form; monkey flower (mimulus) in bright varied colors; many varieties of iris, mostly forms of I. laevigata, in shades of blue, purple, red, and white, and the swamp lily, Saururus cernuus, with creamy white flower heads. Then there are others to grow for their foliage—variegated forms of iris and the variegated sweet flag Acorus Calamus; the quaint corkscrew rush, Juncus effusus 'Spiralis,' and also various striped forms; and the zebra rush, Juncus effusus 'Zebrinus'—its quill-like growths are horizontally banded in green and white. But keep all of these in containers or they will spread too much.

For slightly deeper water, one could choose the flowering rush, Butomus umbellatus, with heads of pink cup-shaped blooms; the arrowheads (sagittaria), with arrow-shaped leaves and small white flowers; pickerel weed (pontederia), with erect blue or white flowerheads; the bogbean, Menyanthes trifoliata, attractive in both pale green leaf and fringed white flowers, and the white arum, Calla palustris, and its relation the golden-club, Orontium aquaticum.

One of the handsomest water plants is the arum or calla lily, Zantedeschia aethiopica, which seems to be perfectly hardy in the coldest climates as long as its roots are well below water level and thus do not get frozen.

In warm-climate zones, further arum relations can be grown in the form of the huge-leaved taros (colocasia), one plant to a tub. The water cannas (thalia) are

Continued on page 234

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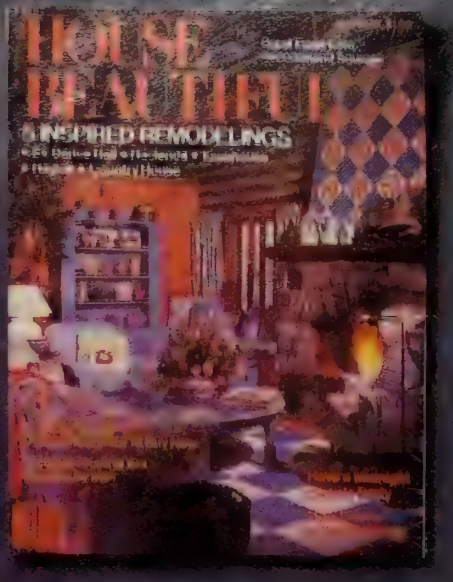

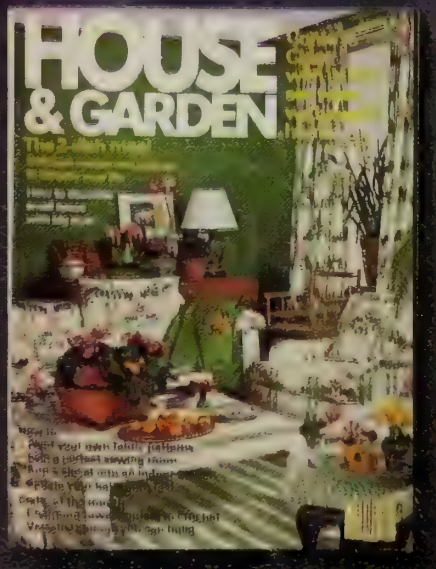

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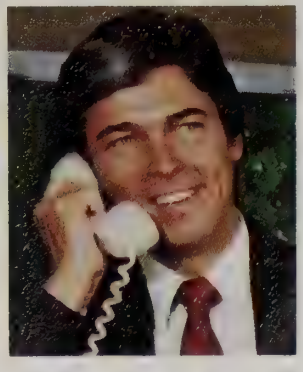

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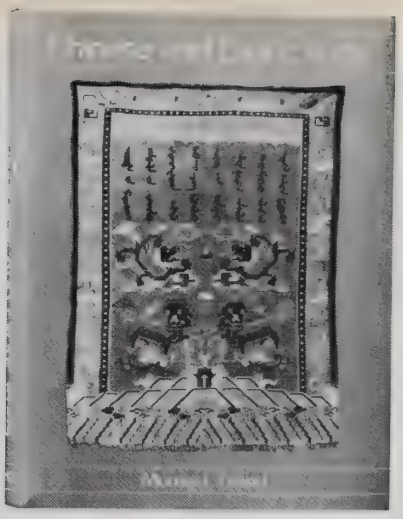
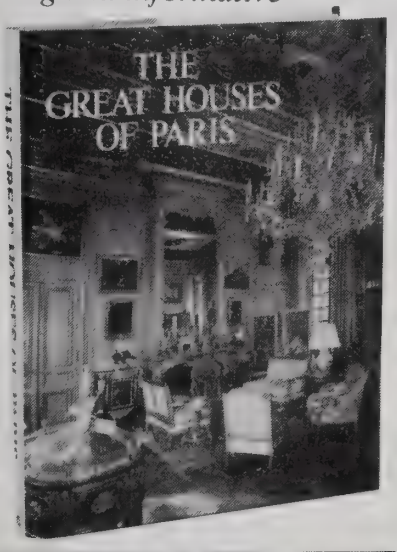


Chinese and Exotic Rugs (D) The author, Murray Eiland, breaks new ground as he explores the rich material from mainland China and other Asian countries, from North Africa and the Balkans. Devoting separate chapters to each region, he surveys the history of rug weaving in the area and its current industry, discusses designs and symbolism, materials and techniques. $36.50 postpaid.



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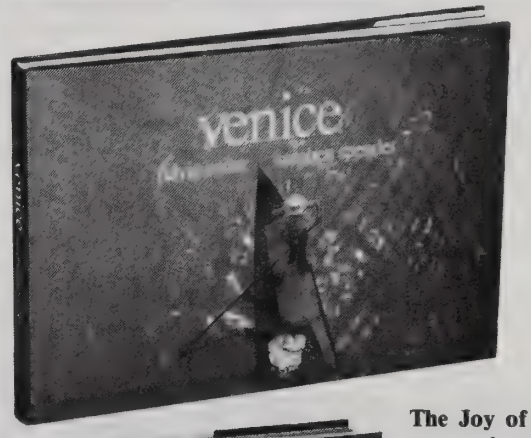

The Joy of Venice (E) The approach of this essentially visual book is to look beyond the obvious and conventional sights of Venice. The photographs are all in color, and there is an introduction by Stephen Spender. $46.50 postpaid.

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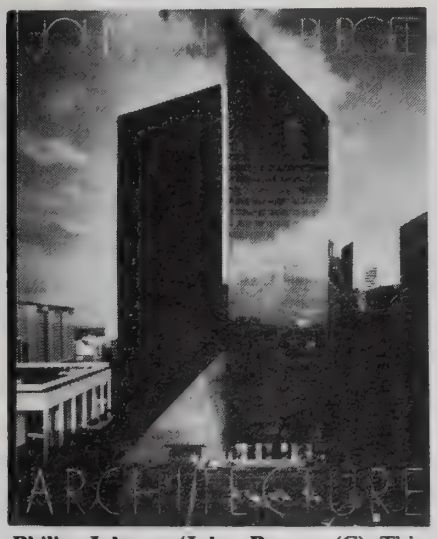

Philip Johnson/John Burgee (C) This stunning volume—a large, handsome, beautifully printed book—contains the major works of two of the greatest architects of our time, from the beginning of their partnership in 1967 to the present. The book contains all of their works—the photographs, drawings and details of their projects for the past 12 years. $41.50 postpaid; available after 12/1/79.

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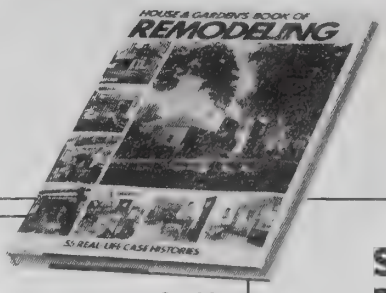

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The water garden
continued from page 232

very tall and equally exotic looking, and so is the stately papyrus, Cyperus papyrus, of which there is a more manageable dwarf form.

Summer and warm-climate pools can also have those lovely tropical floaters which are such a menace when uncontrolled—lavender-flowered water hyacinth (eichhornia), palest green water lettuce (pistia), and yellow-flowered water poppy (hydrocleys). In colder areas, these have to be overwintered indoors and are seldom very satisfactory.

In small tubs, as already mentioned, water plants can be planted directly in soil filling the tub to the desired level. In large tubs and pools of whatever construction, they are best set in planters. Plastic pots can be used. Ordinary garden soil is satisfactory, especially if it is on the heavy side and somewhat fibrous. A little rotted cow manure can be added, or use a proprietary water-plant fertilizer. If possible, cover the soil in containers with a layer of gravel—this discourages fish from stirring up the soil.

Fish add beauty and help keep water clear and fresh

Fish are part of the natural balance of a pool—with floating and upstanding plants, submerged oxygenating plants, and snails as scavengers. In tubs, however, there may not be space for big fish, though a few snails are desirable to keep down algal growth. From my experience, the ramshorn is the best to use here—other snails are often voracious, spoiling lily leaves, and they multiply too fast.

In a pool of any size, fish and oxygenating plants help to keep the water clear and fresh, and help prevent the growth of algae, including blanketweed. And fish add yet another pleasure to the water garden—beauty. Goldfish are still hard to beat—they come in yellow, orange, red, black, and even multicolors, and include the handsome fantails. Koi and Golden Orfes are lovely in medium-sized pools. Fish will clear mosquito larvae and need very little extra attention. The essential oxygenating plants can be bought in collections from water nurseries.

Finally, what is the best place for the pool? If it is to contain plants, it should be well in the open, where it will receive at least 4–6 hours a day; and it should, if possible, be away from trees, because if leaves fall into the water in autumn, their decay releases substances toxic to fish and harmful to plants. Any leaves should be picked or dredged out as soon as possible.

When siting a pool, bear in mind that once in a while it will need pumping out and cleaning, so the position should allow for surplus water to be readily drained away.

In a formal garden, the pool can probably be fitted readily into the design, and here a regular outline, rectangular or round, is almost always best. In a paved terrace garden, a rectangular pool can easily be fitted into the paving pattern. I once saw a long narrow pool, a miniature canal, running the length of such a garden; a cross pattern can also fit in. It is easy to make a pool too big for its setting, and this should be guarded against.

In formal settings, a raised pool can look attractive also, and this is ideal for elderly or disabled gardeners, who cannot stoop or kneel to attend to the pool—a counterpart of raised plant beds. A well-raised pool may also be the answer if there are small children in the household, to whom the ground-level pool is all too likely to have a literally fatal attraction. In fact, I would never consider having a normal water garden, even a tub, until children are several years old.

Raised pools are most easily constructed from brick walls, cemented in the normal way and given a final inside rendering coat of cement. The base can either be concrete, of bricks set into concrete, or of plastic sheeting.

In larger, less formal gardens, the irregular pool comes into its own, but the less fussy the outline, the better in general, though once in a while a sinuous, many-lobed pool will succeed. Before finally deciding the shape, it is a good idea to lay down the proposed outline on the ground in bricks or to use a hose and look down on it from an upper window, if possible. Once dug, it's difficult to shift a pool! But once made and stocked, a water garden of any size should be a lasting delight. ■

Living rooms
continued from page 168

Deputies and repurchased by Mme. Castaing at a bargain price. Her unusual mix of furniture—English antiques, Second Empire pieces, accents from all periods and parts of 19th-century Europe—gave Mme. Castaing's new boutique a distinct mood, different from conventional furniture stores or decorators' salons. Until then, the choice had largely been between the pallid "Louis-the-Who" imitations at one end of the taste spectrum and the florid, late-Art Deco style at the other.

Madeleine Castaing's unique style became an overnight success, even in those times of terror and privation. "People came because I had brought poetry into the home," she now recalls. They also came because of her innovative display techniques. She was among the first in France to create lifelike vignettes—one month a library, the next a dining room, the next a living room, complete with curtains, lamps, accessories—that were not yet common in France. This new approach gave clients a better sense of how the furniture might look in their own houses. Business boomed. Two years after the war ended, she had to move to a larger shop. She was well on her way to a hugely successful career.

> One thing must *never* be attempted in a house, and that is exact period reconstruction

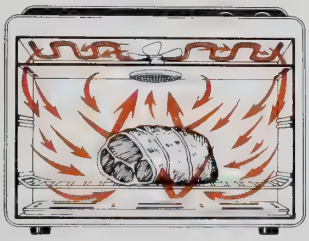
Her own rooms—an apartment over her shop in Paris, and a country house near her birthplace of Chartres—summarize her approach to interior design. "I'll give you a good example," she says, gesturing around her living room in Paris. "These armchairs are Russian, the straight chairs are English, these two sofas are French, that's Austrian, this is from Northern Italy. As you can see, all parts of Europe are represented, but the result is complete harmony. It's timeless. And the starting point is poetry. I don't care for splendid furniture alone, that's not enough. The main thing is *life*—the life I give them."

That she does. In her blue and white living room she has mixed with complete ease such diverse things as an English Regency settee, heavily tasseled Second Empire slipper chairs, and several striking canvases by Chaim Soutine—trophies of her friendship with the painter. In a hallway, a bust of the great 19th-century actress Rachel sits atop a Charles X console table, the figured carpet and Empire-style curtains woven in blue to Mme. Castaing's designs. Her bedroom is a pink-and-white confection worthy of a Feydeau farce, her bath just as romantic, with a luxurious tub set into an Empire niche. All the rooms have a nostalgic period flavor, though it's often hard to say which period precisely.

That is her intention. "There is one thing that must *never* be attempted in a house," she states firmly, "and that is exact reconstruction. When a woman tells me, 'I've done Marie Antoinette's boudoir,' she's taken leave of her senses." What gives Madeleine Castaing's interiors their distinction is her freedom in selecting among styles, considering single elements on their own merits, then combining them in a whole that is always totally original. These are not rooms that encourage informality—even the bedrooms and baths have a pic-

Continued on page 236

Announcing a new convection oven that uses less energy, cooks faster and better, for under $200.



Get cooking with air. A quiet fan circulates heated air around food, which cooks better, faster, at lower temperatures.

Save energy and time. The Rival Convection Oven uses less energy and cooks about one-third faster than a big oven.

Not a microwave. Moving air browns food beautifully and gives it fantastic flavor.

Sear that meat. Hold that juice. Meats cook evenly, with natural juices sealed inside, so they shrink less. Up, up, up come cakes, breads, and pastries. There are no hot or cold spots, so no overdone edges, or hills and valleys in the middle of your cake layers.

Cook a 14-pound turkey, or just a snack. There are two adjustable racks, and standard cookie sheets slip right in. The Rival Convection Oven fits under standard cabinets, and there's a four-hour automatic shut-off timer.

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Get a lot of oven for a lot less money than a microwave. And you don't need special cookware.

We didn't invent convection cooking; we perfected it. So put the Rival Convection Oven on your countertop. It's from the Crock-Pot® Slow Cooker people.

RIVAL®

Convection Oven

Living rooms
continued from page 234

ture-perfect quality—but they are not intimidating or pretentious. One has the feeling things were chosen not to impress, but to delight. There is a light touch, a *joie de vivre*, sometimes even a sense of humor to them, that makes us aware of the vivid personality that created them.

Mme. Castaing's country place—built in 1793 on stone foundations dating back to 1000 A.D.—has an even more romantic air about it. Overlooking a landscaped park with *allées* of Lombardy poplars, the house is a handsomely proportioned example of the French Directoire style, with a gently bowed façade and arched windows giving onto a vine-covered terrace. The owner has two bedrooms: One is for summer, with a curved sleeping alcove awash in yard after yard of pink-and-white mousseline. The other bedroom, used during winter, is the warmest room in the house. It is swathed in green-and-white floral striped fabric (another Castaing design) and dominated by a fanciful Restoration sleigh bed, lavishly draped with white mousseline hung from a white wrought-iron cornice.

But all of these rooms (regardless of their specifics) seem ultimately similar because of the feeling they all impart: There is a real person who conceived them, a real person who executed them, and a real person who lives in them. "A house must resemble the person who lives in it," believes Madeleine Castaing. "If it does not, it betrays you." Her list of clients over the past four decades is as eclectic as her repertoire of styles: Jean Cocteau, dancer and choreographer Roland Petit, pop singers Sylvie Vartan and Johnny Halliday, and Parisian socialites by the score have sought her services.

Sometimes even a slightly shabby house has a charm that's all its own

She has also been highly influential within her profession: Such successful decorators as François Catroux in Paris and Robert Denning and Vincent Fourcade in New York have clearly been affected by her taste.

But *le style Castaing* resists imitation precisely because it is so much its inventor's own. "I know this isn't the right thing to say," she confides, "But sometimes even a slightly shabby house has a charm all its own. You know, the stamp of life and time isn't for sale."

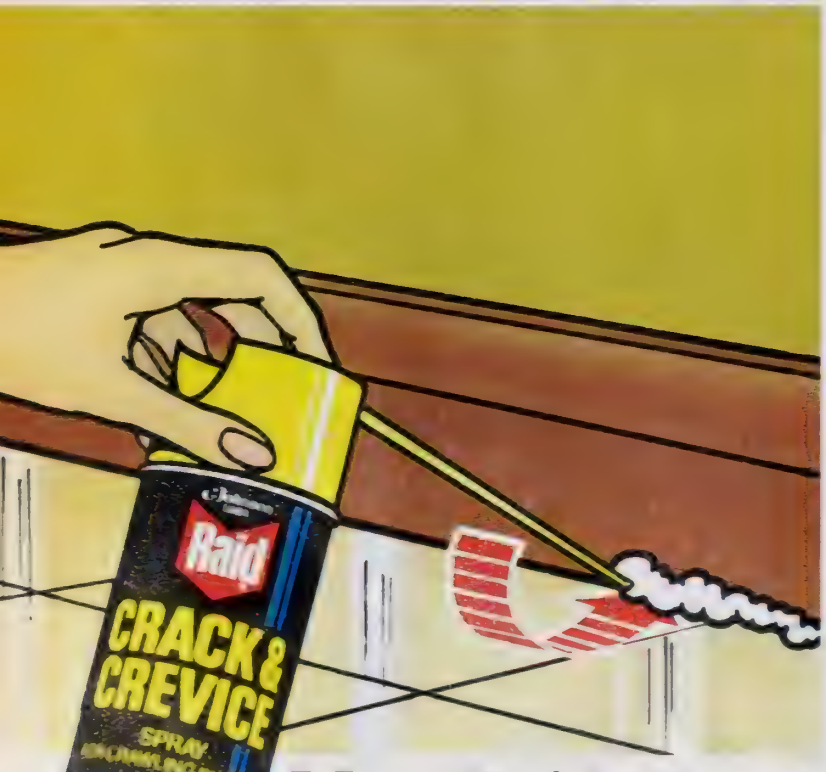
—By Martin Filler, with research by Joan Peck and Marie-Pierre de Cicco. For an interview with Mme. Castaing, please see page 68. ■

Remodeled house
continued from page 160

concerned with the appearance of the food he cooks. The imaginative, often ravishing, presentation of his dishes reminds one of the constant watchfulness of the artist's eye. Furthermore, his cooking is not limited to the clever repetition of someone else's dishes. Like all first-class chefs, Norman is much more interested in the "whys" rather than the "hows" of cooking, allowing more opportunity for improvisation and experimentation than is possible with mere cookbook duplications.

Although the Galinskys love their house, it is not the be-all and end-all of their existence. "Quite frankly, if I had to choose between working on the house

Continued on page 240



New Raid Crack & Crevice Spray kills crawling bugs where they hide!

Raid's unique extension wand does it. It lets you shoot a powerful bug-killing foam into places bugs can hide – under baseboards, behind counters, between appliances. The hard-to-reach places you couldn't spray before.

And once inside, Raid Crack & Crevice Spray keeps on killing roaches dead for up to 60 days.

Johnson wax

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A Major New Book on Solar Houses

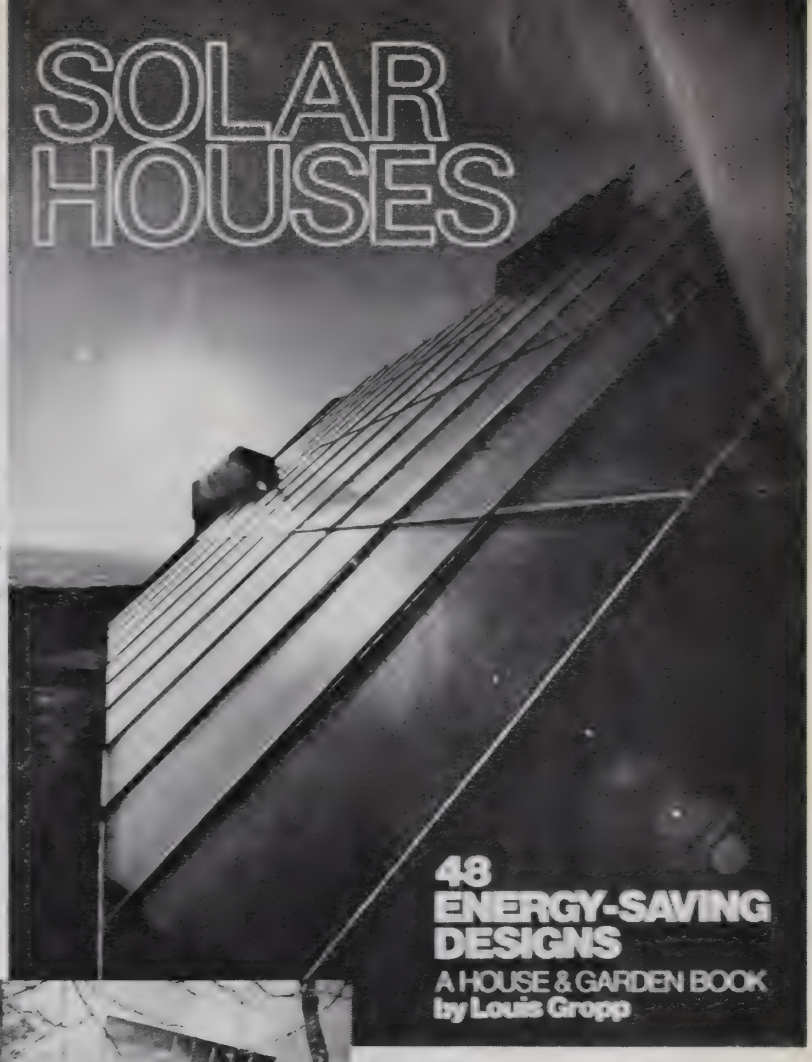
"Already solar energy is nomical and practical for many applications in y parts of the United States. Homes like those is book demonstrate that architectural style elegance need not be sacrified in order to ure and use solar energy."

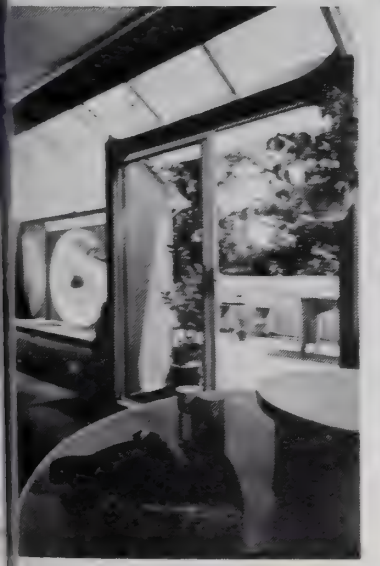
—From the foreword by James R. Schlesinger, Secretary of Energy

R HOUSES takes up where the first generation of solar energy books s off; showing through photographs, interviews and practical informa- hat the new solar life style involves, how owners are reacting to it, hat the economic factors are. Providing a nationwide look at residen- lar applications, the 48 energy-saving designs in the book include ve and active solar systems, pre-manufactured and mail-order plans, ground houses, remodeled and new custom-designed houses.

ook's author is Louis Gropp, who, as editor-in-chief of the House & en Guides, has been criss-crossing the country over the past several keeping up with the multi-faceted new solar architecture. His text, easy-to-follow plans and diagrams, gives us—whether layman or t—a clear idea of how each of these solar houses work, while the handsome architectural photographs document the wide spectrum sign possibilities that exist within the solar context.

dsome record of a profound and exciting change in architecture, R HOUSES has been chosen as a Book-of-the-Month Club hardcover ate; a main selection by both The Library of Urban Affairs and the ects Book Club, an alternate by the Designer's Book Club, and, in back, by the Quality Paperback Book Club.





Beautiful interior and exterior photographs, more than 100 of them in color, and the quality of the book's design, lift SOLAR HOUSES above the more flatly illustrated books on the subject, giving the reader a vivid picture of how handsome, comfortable and practical solar houses can be.

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Card Number Expires

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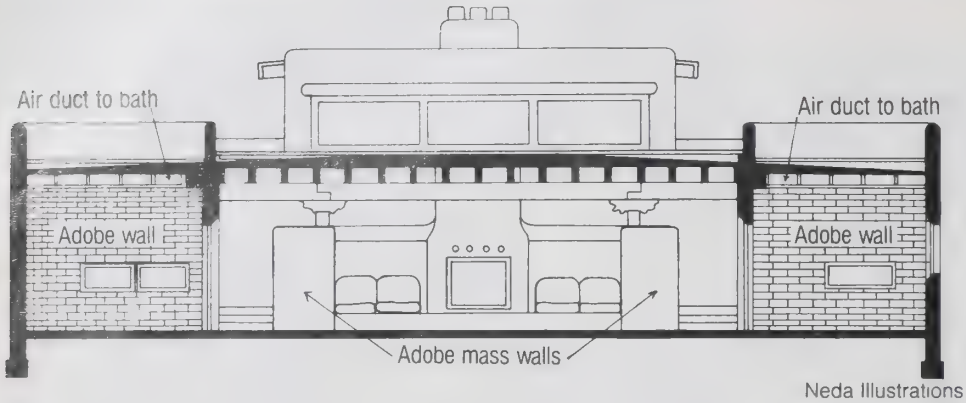
Please make check payable to CONDÉ NAST BOOKS

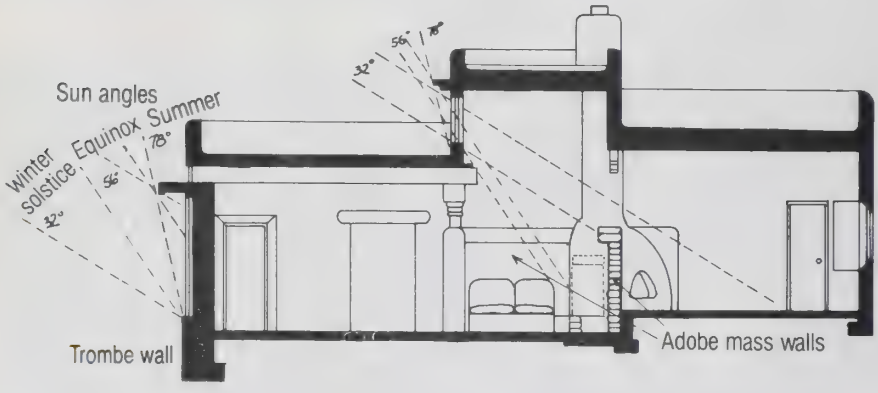
Modern adobe for sun-country living

See pages 194 to 197



Neda Illustrations

A central interior wall, all adobe, composed of a fireplace flanked on both sides by built-in furniture, separates the living-dining area from private rooms at back. It creates the interior mass needed for an effective solar system. The wall collects heat from clerestory windows, as well as from two greenhouses and all-glass façade oriented directly south for maximum heat gain. Clerestory placed over the living-room area allows light to penetrate both the front and back of the house. At the same time, sunlight radiates heat onto the central wall mass. Greenhouses become especially efficient in this dry climate. Backed by heat-absorbent adobe walls, they introduce heat into the indoor living spaces. Thermostats are set to kick off recessed fans which push heat into back bathrooms. Handmade cement tiles cover all of the greenhouse and interior floor space, except for the carpeted bedrooms. They help heat the house in winter, cool it down in summer. All rooms are open to each other for natural ventilation.



On south-facing facade of house, two trombe walls sit 4 inches behind double-glazed glass panels. The walls are constructed of 16-inch, 8-foot-wide solid concrete (which stores heat longer than does adobe). Walls capture heat during the day, release it at night. Adjustable clerestory shutters control amount of sunlight allowed indoors, as do overhangs, specifically sized and angled to allow for seasonal movements of the sun. During summer, the house is shaded. During winter (except for a few days after December 21—when the sun goes past interior wall mass directly into back bedrooms) sun penetrates central interior wall. Connected to backside of central fireplace wall are two more fireplaces, one in each bedroom. All three fireplaces use outside air instead of inside air for combustion, so no heat is lost up chimney.

ARCHITECT: Robert W. Peters, Alianza Arquitectos: An Architects' Alliance
INTERIORS: Robert W. Peters
LANDSCAPES: Robert W. Peters
CONTRACTOR: Communico, Inc.
SOLAR ENGINEER: Susan Nichols

STRUCTURE
Foundation: Concrete footings, stemwalls, and scab on grade.
Framing: Wood frame 2" x 8" on 24" centers with interior adobe walls, and 16" cast concrete trombe walls on south elevation, 7½" fiberglass batts, ½" Celotex, stucco mesh.

EXTERIOR OF HOUSE
Exterior walls: Stucco, brown, scratch, and finish coat on stucco mesh.
Exterior finish: Wood—one coat Thompson's Water Seal, and one coat linseed oil.
Roof: ⅝" gypsum wallboard on 2" x 12" joists, 2' O/C, with a 6-mill vapor barrier with 10" blown-in wood-fiber insulation plus ½" CDX plywood with pumice and 15,15,30 built-up roof.
Insulation: 7½" fiberglass batts, all exterior walls, roof as above.
Windows: Awning and casement windows—thermal glazing, Pellaclad. Fixed window thermal glazing, custom made.
Skylight: Clear acrylic
Doors: Wood and glass outside doors and French doors, interior doors custom made. All glass thermal glazed.

INTERIOR OF HOUSE
Interior walls: Major rooms, gypsum plaster scratch coat and structure finish coat with smooth trowel finish. In kitchen, ⅝" gypsum wallboard, taped and sanded, 2 coats latex paint. In bathrooms, Talavera Mexican tile.
Ceilings: Major rooms, exposed beams and wood deck. In kitchen and bathrooms, ⅝" gypsum wallboard.
Floors: Presealed concrete tile sealed with 3 coats lemon oil; handmade, Española NM.
Lighting fixtures: Lightolier downlights and tracklights.
Interior paints and stains: In library, off-white with accents of watermelon pink, in kitchen, saffron yellow, in bedrooms, mulberry and plum, in bathrooms, green and blue skylight wells to match tile. Special colors Sherwin-Williams and Martin Senour.
Fireplace: Heatilator.
Hardware: Wisser
Kitchen and bathroom cabinets: Quaker Made and custom.
Countertops: In kitchen and bathrooms, DuPont Corian, integral sinks.
Plumbing fixtures: In kitchen and bath, Vola faucets, Kohler low-water-usage toilets.

MECHANICAL EQUIPMENT AND APPLIANCES
Appliances: Range by Jenn-Air; ovens, washer, dryer by Westinghouse; dishwasher and food waste disposer by Waste King; refrigerator by Sub Zero.
Heating and cooling system: Passive solar, electric coil underfloor backup and fireplace, natural cooling.

Next Month:

ROMANCE IS BACK, AND WE SHOW YOU HOW TO GET IT WITH HUNDREDS OF GREAT DECORATING AND ENTERTAINING IDEAS!

WATCH FOR JUNE HOUSE & GARDEN ON YOUR NEWSSTAND

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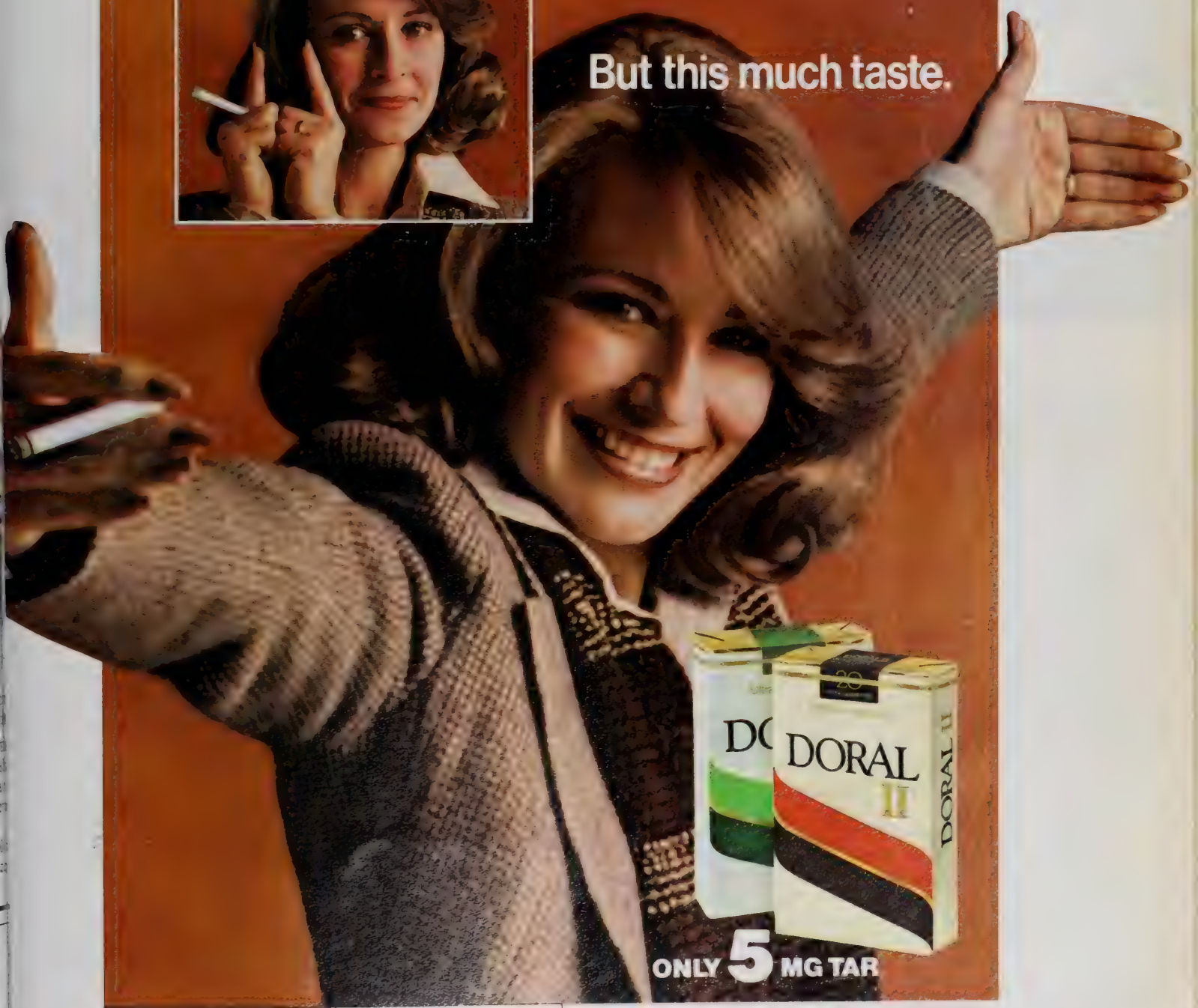
DORAL II

This little tar-5mg.

But this much taste.



Warning: The Surgeon General Has Determined That Cigarette Smoking Is Dangerous to Your Health.

MENTHOL: 5 mg. "tar", 0.4 mg. nicotine,
FILTER: 5 mg. "tar", 0.5 mg. nicotine,
av. per cigarette, FTC Report DEC. '79.

Remodeled house
continued from page 236

and working on my work, I'd much rather work on my work," admits Ellen. For Norman, the choice isn't quite so easy. Being home most of the day, he is sometimes distracted from his work by the continuing temptation to refine the visual quality of his surroundings. But clearly both Norman and Ellen derive great satisfaction from the house they live in. And so they should. Their integration of work into living at home—a way of life once so common and now so rare—accentuates that important sense of unity between career and family life.

But what does the transformation of the Galinsky's house and their way of life have to say to the rest of us? Well, we certainly can't all drop what we're doing and become artists and writers. But what we *can* do is to think a bit more creatively about our lives and what we want from them. "I've always tried to build my work around real questions about life, and what we should try to learn from it," says Ellen Galinsky. To a remarkable degree, their house has provided the Galinskys with a context in which they might answer the kind of questions that each of them, in his own way, is seeking to ask. And who among us could ask for more? ■

SHOPPING INFORMATION

PRICES APPROXIMATE
State and local taxes additional.
***Consult your interior designer or department store decorating service.**

DECORATING IN 3 MOODS
Pages 162–167

All the furniture in this article is by Drexel Heritage Furnishings. Write Drexel Heritage Furnishings, Drexel NC 28619 for stores nearest you.

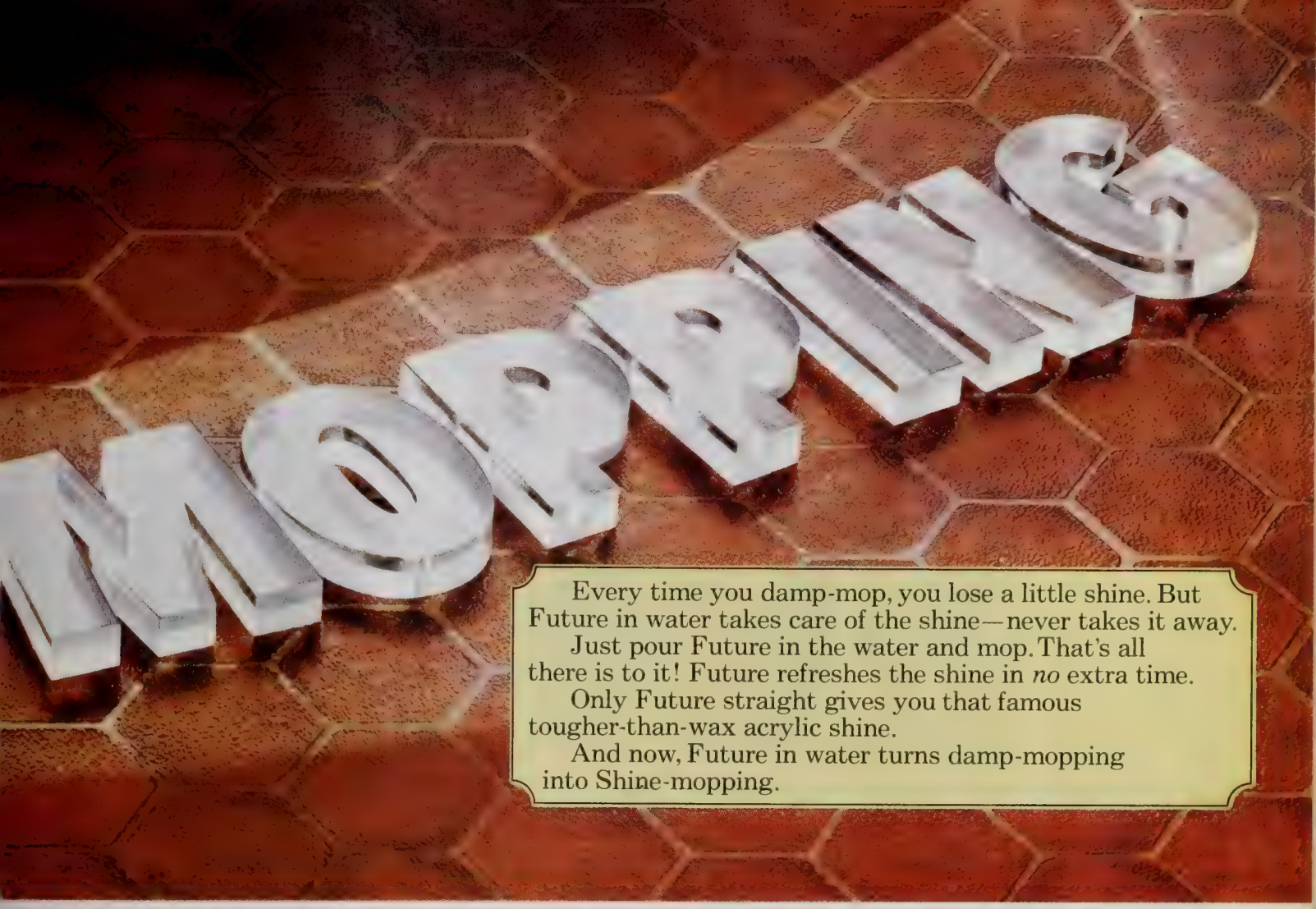
SOFT AND ROMANTIC
Pages 162–164

Loveseats from the Heritage Upholstery collection: 64" x 36" x 33"h., $1067. Custom-covered in "Flora" cotton fabric: 54" w. x 27" repeat, about $8 yd., by P. Kaufmann, NYC 10016. **Tufted armchairs** from the Traditional Classics collection by Drexel: 31½" x 31½" x 31½"h., $341 each. Custom-covered in "May" polyester and cotton fabric: 48"w., about $6 yd., by Bloomcraft, NYC 10016. **Bench:** 21¼" x 14¼" x 17½"h., $179. Custom-upholstered in "Flora" fabric by P. Kaufmann. **Sofa table:** 56" x 14½" x 28"h., Antique Amber Fruitwood finish, $369. **Dining armchairs:** 18½" x 20¼" x 35¼"h., wrought-iron frame in Nouveau finish, cane seat and back, $259. Tie-on knife-edge seat custom-covered in "May" fabric by Bloomcraft. **Round dining table:** 40" x 29"h., wrought-iron base, brass feet, pale cream Carrara marble insert in top, $589. All the above furniture is from the Et Cetera collection by Drexel.

Round **cocktail table** from the Dynasty collection by Heritage: 40" x 15"h., Dynasty Fruitwood finish, $619. 19th-c. Chinese **ginger jar:** 9" x 11"h. from John Rosselli Antiques*, NYC 10021. **Chinese pigskin trunk** and **Majolica leaf plate** (on cocktail table) at J. Garvin Mecking, NYC 10021. **19th-c. Chinese accessories:** Porcelain pink and yellow fruits and charger (holding grapes on dining table) at Nuri Farhadi, NYC 10022. **Découpage lamp:** 9" x 24"h., at Limited Editions, NYC 10021. Fabric used for "coolie" shade above is "Flora" by P. Kaufmann. **Design and yarn for needlepoint pillows** on loveseat available at Woolworks, NYC 10021: Large, 16" x 16", $95; small, 12" x 14", $65. **"Lettuce Ware" cache pots** from Circa David Barrett Ltd*., NYC 10022. **Framed English botanical prints:** 26½" x 38"h., from a collection at Balasses House Antiques, Amagansett NY 11930. **Natural matchstick shades** painted in House & Garden Lacquer green. From Bamboo & Rattan Works*, Hoboken NJ 07030.

GRAPHIC PUNCH
Page 165

Corner unit: 33" x 33" x 30"h., $495. **Armless units:** 30" x 33" x 33"h., $429 each. **Ottomans:** 29" x 29" x 17"h., $264 each. All from the Distinctive Upholstery collection by Heritage and custom-covered in "Washington



uare" cotton fabric, about $25 yd., by GH Design Group*, NYC 10013. **Junior rsons dining table** from the Woodbriar col-tion by Drexel: 62" x 38" x 29"h., with two " leaves, 102" max., $629. **Bentwood n-chairs** from the Dynasty collection by ritage: 26" x 24" x 33½"h., $325. Tie-on t cushion custom-covered in "House in ace" cotton fabric: About $27 yd., by HGH sign Group*. Parsons-style **benches** from Contemporary Classics collection by exel: 26" x 17" x 17½", $121 each. Custom-vered in "Washington Square" cotton fab-by HGH Design Group*. **White vertical nds** by Levolor Lorentzen. **Wall construc-ns** by Barbara Valenta: "White On White th Dowels": 48" x 30"h., canvas, pine dow-, acrylic, 1978. "Red, Wood, and Dowels/ ": 92" x 55½"h., canvas, wood, acrylic, dow-, 1978. At Betty Parsons Gallery, NYC 019. **Covered baskets** and lacquer accesso-s: Black trunk on wooden stand, two bas-s, dark red box on brass stand, red Oriental ch pail, red leather box, red box (on dining le), red trays, all from Lorin Marsh*, NYC 022. **Basket urn:** From the Philippines, 5. At Limited Editions, NYC 10021. **Ce-nic plate** with brown and oxblood glazes. Barbara Schaff. At Gordon Foster An-ues, NYC 10021. **Two standing boom ps** with polished chrome reflectors, $140 h. Designed by and available at Michael bin and Henry Smith-Miller Architects, C 10013. **9" diagonal black and white TV:** w. x 11¼"d. x 10"h., takes 40 watts aver-, optional battery pack, about $114.95. By A.

GEORGIAN FEELING
Pages 166–167
Sofa: 86" x 36" x 33"h., $1309. **Armchair:** 30" x 34½" x 31½", $495. Both from the Distinctive Upholstery collection by Heritage. **Sofa** is custom-covered in a Peach cotton fabric. **Armchair** custom-covered in "Avallon" glazed chintz print. Both by S.M. Hexter Co.*, NYC 10022. **Armchair** from the Traditional Classics collection by Drexel: 29¼" x 32" x 28"h., $330. Custom-upholstered in a Chalk green cotton taffeta by S.M. Hexter Co.* **Butler's table:** 42½" x 31½" x 18"h. open; 33¼" x 22¼" x 23¼"h. closed, $369. **Bachelor's chest:** 38¾" x 19¼" x 31"h., $469. **Dropleaf table:** 15½" x 26" x 25"h.; 30¼"w. with leaves up, $309. **Pedestal dining table:** 44" x 38" x 29"h., 78" max. extension with two 20" leaves, Mahogany finish, $699. **Writing table:** 53" x 23" x 30"h., $589. **Chippendale side chairs:** 19¼" x 22¼" x 39¼"h. Seats custom-upholstered in a Peach cotton fabric by S.M. Hexter Co.* All furniture above is from the 18th-Century Classics collection by Drexel. **Faux-bamboo armchairs** from the Et Cetera collection by Drexel: 22¼" x 23" x 33½", Mandarin Fruitwood finish, $369 each. Seat and seat pad are custom-covered in a Chalk green taffeta by S.M. Hexter Co.* **Fabric by S.M. Hexter:** At Rich's, Atlanta GA 30302, Lord & Taylor, NYC 10018, Marshall Field, Chicago IL 60609, Higbee's Interior Design Studio, Cleveland OH 44113. **Fabric draping round table,** lining and trim on curtains, cigar welts on pillows is "Brick" chintz by Bloomcraft.* At Bloomingdale's, NYC 10022, Rich's, Atlanta GA. 30302. **Accessories:** Collection of 19th-c. Chinese and Japanese blue and white porcelain. Portuguese ceramic lamps with white paper shades. Antique Chinese oval tole tray. All from John Rosselli*, NYC 10021. **"Bamboo" silkscreen on paper:** 31" x 38"h., 1977. Framed $785, unframed $600. By Kenzo Okada. At Pace Editions, NYC 10022. **Framed embroidered Chinese silks,** $45 each; wooden easels, $12 each. At Limited Editions, NYC 10021. Oblong ceramic bowls by Lanzrein, $32.50 each. At Gordon Foster Antiques, NYC 10021. **Desk accessories:** Covered in Italian "Cerva" paper. Letter box with ecru ribbon tie, $32.50, desk blotter, $22.50, paper holder, $10.50, pencil holder, $12.50. All at the Mediterranean Shop, NYC 10021. **Flowers:** At Madderlake, NYC 10021.

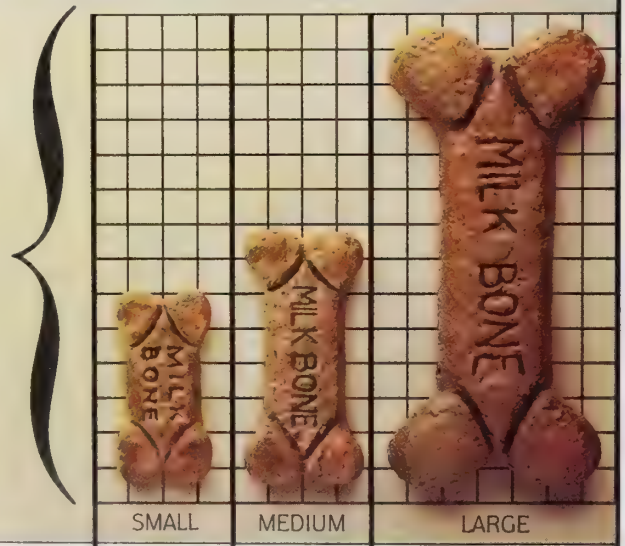
MAJOR OVERHAUL
Pages 176–177
"Arithmetic III" vinyl wallpaper by Marimekko: 27" x 5 yd. roll, screen-printed, paper-backed, pre-trimmed, about $18. For store nearest you, write Motif Designs, 6 Pleasant St., New Rochelle NY 10801. **Vinyl floor tile:** 18" x 18", about $3.80 sq. ft. By Eden*, NYC 10022.
Pages 178–179
Ready-to-assemble Swedish cabinets in laminated birch veneer: Kit includes all materials needed for assembly; pulls are optional. By STAR Kitchens, Div. of SMI, Inc., 860 Decatur Ave. N. Minneapolis MN 55427 (catalogue $2). Also available from Sawhill Furniture, 89 S. 10th St., Minneapolis MN

Continued on next page

MILK-BONE Dog Biscuits come in different sizes because dogs do.

Dogs come in different sizes. That's why Milk-Bone® Dog Biscuits come in different teeth-cleaning sizes and hardness for small, medium and large dogs. Milk-Bone Dog Biscuits help scrape away stains and tartar to get your dog's teeth cleaner and whiter. They're 100% nutritious, too, in Original flavor or Beef flavor.

How Milk-Bone Brand Dog Biscuits provide the proper chewing exercise for dogs.



	SMALL	MEDIUM	LARGE
Average weight per biscuit (ounces)	.14	.28	1.17
Overall length (inches)	1.8	2.4	4.3
Overall width (inches)	.94	1.1	2.0
Relative breaking force* (pounds)	77	80	164

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Shopping information
continued from preceding page

55403. **White decorative laminate** in sued finish used on countertops and backsplash By Formica Corp. **Modular hardwood win rack:** 13½" x 13"h. x 11"d., $23.50 ppd. A J. K. Adams, Dorset VT 05251. **Wood case ment windows:** Double-pane insulating glass weather-stripped and preservative-treate wood, removable, snap-in wood grilles. Fo name of the distributor whom you can quer for names of home centers and lumberyard nearest you that are most likely to carry win dows such as these, please write the Nationa Woodwork Manufacturers Association, c/ Sumner Rider & Associates, 355 Lexingto Ave., NYC 10017. **Grill-Range-Oven-Combi nation:** 29 15/16"w. x 25¾"d. x 36"h. twin con vertible. By Jenn-Air. **Refrigerator** b Whirlpool. **Dishwasher** by KitchenAid. **Arti choke print** from the New York Botanica Garden collection: Unframed $10, oak framed $70. At J. Pocker & Son, NYC 1002 **"Kobenstyle" stock pot:** 8 qt., enamel-o steel, $69.95. By Dansk. At Bloomingdale' NYC 10022; Macy's, San Francisco 9412 **Prewired housing light units** and **specula aluminum reflector**. Both by Progress Ligh ing.

NEW PERSONALITY
Pages 180–181:
"Prestige" sheet vinyl: 6' x 12' widths, "Cas Grande" design. By Congoleum.
Wall grid: 15" x 30", includes 4 hooks, 4 wa mounts, about $17. By Copco. **"Wallhide" la tex flat-finish paint** in "chili sauce" color. B Pittsburgh Paints. About $19.77 gal., $7.6 qt., at Janovic/Plaza, NYC 10021.

COUNTRY LOOK
Pages 182–183
"Winslow Check" cotton/linen **fabric:** (o chairs) 54" w., about $9 yd. At selecte JCPenney stores and JCPenney custom dec rator departments. "Ducal" cotton sailclot fabric: 45"w. shown in royal blue, by Norb Fabrics*, Deer Park, NY 11729. **"Windo Box" cotton fabric** (on curtains): 55"w, 10½ repeat, handwoven in India. From the Desig Imports collection, Vice Versa*, NYC 1002 **"Prestige" sheet vinyl:** 6' and 12' width "Casa Grande" design. By Congoleum. **Ci cular butcher-block dining table:** 42" round 29"h., $255 plus shipping. At J & D Braune 298 Bowery NYC 10012 (catalogue $1 **"Garden Fresh Borders" stencil kit:** Includ pre-cut, reusable plastic stencils, two borde two stencil brushes, instructions. By Stenc Magic (Dept. H), 8 W. 19th St. NYC 100 (catalogue 65¢).

GARDEN STORY
Page 191
Straw hat: Handpainted pink tulips, $26. ppd. At The Garden Gate Shop of the M souri Botanical Garden, P.O. Box 299, Louis MO 63166.

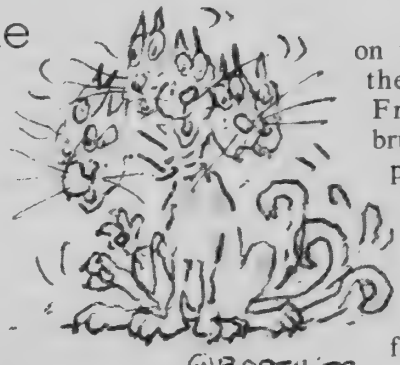
ORIENTAL TAKE-ALONGS
All the merchandise listed for Pages 202–2 is available at Gump's, San Francisco C 94108.
Pages 202–203
One-of-a-kind antique wedding basket: $90
Three-tiered antique Chinese picnic bask

Continued on page 2

BY PATRICIA CURTIS

"My dog has fleas. . ."

An upbeat tune but a downer of a problem. How to tell if your pet is afflicted and how to rid it of fleas



. Now that warm weather is ming, should I be worried about y dog catching fleas? He lives in e house and only goes for walks on e streets. And what about my cat ho stays indoors?

. While a city dog is less susceptible an a country or suburban one, it *can* ck up fleas on the street. Though a cat at lives only indoors rarely gets fleas less they are brought in by another imal, your cat might catch them if ur dog should. The flea season runs om April or May until October or No-mber in northern parts of the United ates and year-round in the South.

. Are fleas dangerous to an animal only very uncomfortable?

. Fleas cause more than discomfort. A ally bad infestation can make a kitten anemic it could die. It can weaken an ult animal so it becomes easy prey to fections and diseases. An infested ani-al can scratch and bite itself to the int of badly irritated skin and open unds. Also, fleas are the intermediary sts for tapeworm, and if your animal allows a flea it can develop tapeworm. If you find fleas on your pets, you ould tackle the problem immediately d effectively. Fleas won't just go away their own accord—they can be a real-bad problem. They stay on the host imal and multiply; they spread to oth-animals; they take up residence in ur rugs and upholstery—possibly even you.

. My dog is scratching furiously, t I can't find any parasites her. Does that mean something se is causing her to itch?

. Not necessarily. Fleas are devilish rasites, tiny and fast-moving, hard to ot—especially if there are only a few the animal. If you brush your dog's the wrong way at its head, around its ck, in the armpits and inner thighs, d especially at the base of the back ove the tail, you might see them. If u see any little black specks, those are s of dried blood left by fleas.

Some animals are allergic to flea sali-. It takes only one flea to send those gs and cats into paroxysms of frantic atching, but often their baffled own-can't find a single parasite on them.

. Are flea collars safe and effective?

. Flea collars do give protection ainst fleas, especially if you put them your pets before they show signs of eady having fleas. The collars are safe if you follow directions and watch your cat or dog carefully for any adverse reactions. The chemicals in a collar that can kill fleas are, of course, poisons. Some veterinarians recommend airing a flea collar for 2 or 3 days after you unwrap it, before putting it on your pet. Here are some safety rules to remember:

1. Never put a flea collar on a kitten or puppy.
2. Don't put a dog flea collar on a cat, or vice versa.
3. Don't put the collar on hanging loosely. On the other hand, it mustn't be too tight either—you should be able to slip your finger easily between the collar and the neck.
4. Be sure to cut off any excess (and throw it away where your pet won't find it and play with it), so the animal can't chew the end.
5. Examine your dog or cat's neck regularly for signs of redness or irritation, and remove the collar at once if this occurs.
6. Remove the flea collar whenever you bathe the animal, and don't replace it until the dog or cat is perfectly dry.
7. Never use a flea collar in combination with other remedies such as powder or a dip.
8. Be especially careful in putting a flea collar on a longhaired cat. For some unknown reason, many longhaired cats develop a toxic reaction to flea collars.

Flea medallions that you attach to a dog or cat's regular collar, by the way, generally do not work as well as flea collars.

Q. My cat has been wearing a flea collar and still scratches. What else can I do to get rid of her fleas?

A. Remove the collar and try a flea powder. Stand the cat on newspaper and powder her thoroughly—don't just dust the surface of the fur but go clear to the skin. Some of the fleas should drop off on the newspaper (burn the paper afterward). Frequent, thorough brushing and combing, plus periodic powdering (follow directions on the can) should be effective.

If an animal gets a really serious infestation, you might have to resort to a dip (unless your pet is a kitten or puppy—never dip *them*, but a bath in mild soap and water often does the trick). Put cotton in the animal's ears, a drop of mineral oil in each eye, and follow directions on the bottle. Be sure to rinse and dry the dog or cat thoroughly afterward. Wash its bedding. And vacuum clean your house to prevent any reinfestation.

In fact, one thing pet owners can do to prevent fleas from spreading from the pet to the house is to be super meticulous about vacuuming, especially rugs and upholstery, during the flea season.

If all else fails and your pet is seriously tormented, it's best to take it to a veterinarian for treatment. The doctor can also give the animal an antihistamine to relieve the itching.

Q. Can I get rid of fleas on my pet without using chemicals?

A. Continual brushing and combing certainly helps. Some health-food advocates recommend giving dogs and cats brewer's yeast every day—powdered or tablet. Fleas presumably don't like the scent of it in the animal's skin (and brewer's yeast is good for pets anyway). Vitamin B is reputed to have a similar effect; you could try giving your animal extra B in its food.

Q. Is a pet shop a good place to buy a dog or cat?

A. Pet shops can be problematical, because while some are all right, there's sufficient evidence that many are breeding place for animal diseases. The Cat Fanciers' Association flatly does not recommend buying from a pet shop. If you think you must have that doggie in the window, at least check to see that the place is clean and spacious, with no overpowering animal smell, and that every animal in the place seems alert and healthy. Get a written guarantee that you can return the animal you buy within a reasonable time. Wherever you acquire an animal, a prompt visit to a veterinarian is a good idea. ■

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TRAVEL/GOING PLACES

continued from page 56

week. Anyone staying with the Helwigs (about $15 a night including breakfast) can bake his own breakfast bread if he goes downstairs to the bakery at 5 A.M. The *wachauer* is made of white rye flour (10 percent of the rye flour when sifted is white) and 80 percent milk, 20 percent water, raised with sourdough. When warm from the oven, irresistible!

Austria has casinos, and one of them is in Baden (also in Lower-Austria but directly south of Vienna), famous as a resort for its hot mineral springs. (I learned to play roulette—beginner's luck, I won!) The huge, classic Hotel Sauerhof is run with great warmth and close attention to detail—sheer luxury, the tiled bathroom floor in front of the sink is heated. To taste the wines of Baden we went to the Heiligenkreuz winery (like Göttweig, owned by an abbey). The winemaker there, Günther Pozdina, is particularly proud of his *Grauer Mönch*, Gray Monk, made from Pinot Gris grapes, a peach-yellow color, with spice and acid nicely balanced. Mr. Pozdina *also* talked about pressing the grapes slowly, first leaving the grapes in holding tanks 10-12 hours before pressing (the grapes are stemmed to prevent bitterness). This may account in part for the concentration of flavor and length of life these wines enjoy. The long life was proven by a 1951 Riesling which had a wonderful bouquet and a dry finish, and by the 1949 Traminer which was still of a slightly greenish youthful hue, not showing its age at all.

And finally, we reached Graz in Styria, "The Green Heart of Austria." From my hotel window I could count 12 spires in the unrestored medieval city (centuries ago demolition and renovating stopped when the city ran out of money, thus preserving the old buildings untouched). We took a midmorning jaunt to the Engelweingarten at Stainz, where townspeople come to hike, then return to drink the local wine, a beautiful salmon-colored, *very* crisp, dry rosé, Stainzer Schilcher. With the wine—*verhackert*, a sort of rillettes of bacon spread on rye bread, plus cold roast pork.

The last day in Graz began with a walk through the outdoor market behind the Opera. It vibrated with autumn colors and I envied the flowers their heaters which protected them from the cold. The day ended with a hike up to the *schloss* at the top of the hill, then back down. Missing the lit stairs, we felt our way down a path, thanking the handrail and our only light, the moon!

If you decide to go: TWA flies directly to Vienna every day at 7:45 P.M. from Kennedy Airport in New York, arriving at 12:40 P.M. the next day. Take advantage of inexpensive APEX fares plus a rental car, available if you book a TWA Getaway Fly-Drive vacation.

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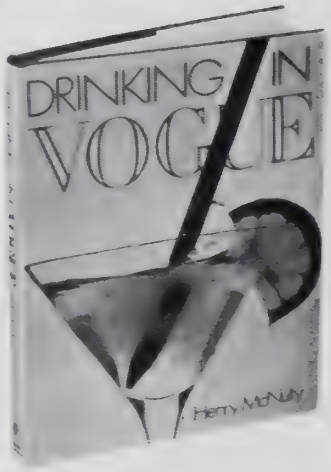

Henry McNulty has had to concur with William Congreve's observation ever since the age of three when the communal wine and water his parson father prepared each Sunday for the flock first came to the tot's attention. But Mr. McNulty not being content to simply sit and sip has taken this Christian diversion into another dimension by writing one of the wittiest and most useful books on the subject of drinking that has come along since the Restoration.

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hopping information
ontinued from page 242

omes with brass clips and pin lock, $350. **ntique Imari bowls:** 5½" diam., $85 each. **nari blue and white Kiku dishes:** 4" diam., 25 each. Set of 4 **linen napkins from Italy** (4 val textured-linen place mats, not shown), 80 the 8-piece set.

ages 204–206
blong white porcelain dishes with green and: $12 each. **"Cedar Forest" condiment et:** Includes 4 square dishes and square tray, 50 the set. **Bronze phoenix design Suiban lower basin):** 10" x 7½", from Japan, $95. **eiji Moko plate:** $20. **Keyaki wooden hiba-ni:** $350. **Low handcarved Japanese table:** 1250. **Italian linen napkins,** see listing for age H510. **Lacquer tray with 4 bowls:** $45 ne set. **Square orange lacquer tray:** 15" x 5", from Korea, $60.

ITCHEN PAGE
age 227
aboratory Glass cookware: Micro pots: 2 qt. bout $20.50, 1 qt. about $15.50. Twin-loop easuring warmers: 8 oz. about $6.50, 14 oz. bout $8.50, 20 oz. about $10.50, 1 qt. about 15.50. By Berzon. At Manhattan Ad Hoc, YC 10021; Food Stuff, Glencoe IL 60022.

BUILDING FACTS

Materials and equipment used in the house on pages 184–187.

RCHITECTURAL DESIGNER: Jonathan Isleib Interdesign
ONTRACTOR: Roger Jardine
ZE OF HOUSE: 2,375 square feet
ZE OF LOT: 1.5 acres

TRUCTURE
oundation: Concrete slab on grade and con-ete-block foundation walls.
raming: Standard wood construction of up-er walls and of floors, ceilings, roof.
XTERIOR OF HOUSE
xterior walls: Ground floor, concrete block; pper walls, red cedar shingles.
xterior finish: On walls, stain and bleaching l by Samuel Cabot, Inc.; on trim and roof, ain and bleaching oil by Sherwin-Williams.
oof: Red cedar shingles
nsulation: In walls, batt insulation; in roof, ouble batt insulation.
Vindows: Fixed insulating glass panels, alu-inum frame, bronze finish, casement sash Pella, and sliding glass sash.
oors: 'Arcadia' aluminum-frame, bronze-nish, sliding insulating glass doors by Nor-rop Architectural Systems. Front door, stom-made double doors.
TERIOR OF HOUSE
terior walls and ceilings: Wallboard with o plaster coats. In bathrooms, redwood pan-ng in one, 4-inch white ceramic tile in other.
terior finish: White paint by Glidden Coat-gs and Resins Div., SCM Corp.
oors: White oak strip flooring by Mar-ardt Woodworks, Inc., light urethane fin-h.
ardware: Lever handles by General Lock iv., Schlage Lock Co., door pulls by The anley Works.
itchen cabinets: White oak, custom made.
itchen countertops: White plastic laminate Formica.
Plumbing fixtures: In kitchen, stainless steel sink; in bathrooms, white fixtures; both by American-Standard Inc.
MECHANICAL EQUIPMENT
Appliances: Undercounter oven by Therma-dor/Waste King Div., Norris Industries; counter cooktop with 2 electric burners, grille, and ventilating fan by Jenn-Air Corp.; Hotpoint dishwasher by General Electric Co. In laundry, Kenmore washer and dryer by Sears.
Heating system: Hot-water baseboard units.

Correction

On page 80 of "The Science of Comfort" by Stanley Abercrombie in our February 1980 issue, the author mentions several of Professor Alexander Kira's suggestions for the improvement of bathroom design. Through an error in editing one of these was seriously misstated. The sentence should read: "He also thinks that placing the shower controls directly under the shower head is 'one of the more common idiocies' of bathroom design. If the water temperature changes abruptly or needs adjusting, the problem can usually be solved only by diving right through it."

We regret the embarrassment to Mr. Abercrombie and Professor Kira.

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The Inside Story

More do-it-yourself ideas from this issue

oors with more

nted floors are fun to create, they add to the finished k of your room. Here's how paint your floor like the s in the rooms designed by rk Hampton (pages –167). Before you begin, d and prime raw wood rs; sand painted floors. For gh floors, first cover with wood, nailed along edges down the center to prevent kling. Seal any seams with tic wood or spackle. Sand, ne, then paint. For pat- ed floors, first plot your gn to scale on graph paper, lesign ends evenly at the es of the room.

he keys to success for the rgian room floor were its sual color combination, a design that looks elabo- but is actually easy to do. it floor with gray semigloss t, using a roller screwed the end of a broom han- When completely dry, use king tape, and a chalk line cessary, to mark off a grid quares. (To give you an of scale, the 24-by-20-foot n we show was masked 3-inch tape. The squares sure 20 inches by 20 inch- Cut away tape intersec- s with a razor. Cover entire r, including tape, with e water-base paint. When remove tape to expose e squares gridded in gray. bits of tape remain, as etimes occurs in damp ther, peel off, and touch up by hand.) Stencil either a re or circle within each e square, using templates from stencil paper. Alternate using dark and light coral, pounce-painting every other square with a sponge for a marbled effect.

In the modern room, tape was used to *edge,* rather than mask, the area to be painted. First, floor was painted white, then tape was laid on the diagonal across the floor, the area *between* the tapes painted gray. When tape was removed, there was the new banded pattern.

The floor in the turn-of-the-century room was simply painted with an allover coat of House & Garden Lacquer Green deck paint. Deck paint is tough and durable—an easy way to color a floor that may be too rough or uneven to paint in a pattern. Deck paint is available in deep, rich colors which are right in tune with today's decorating. Reminder: Be sure to finish a painted floor with a protective coat of polyurethane, applied on a dry day.

Karen Radkai

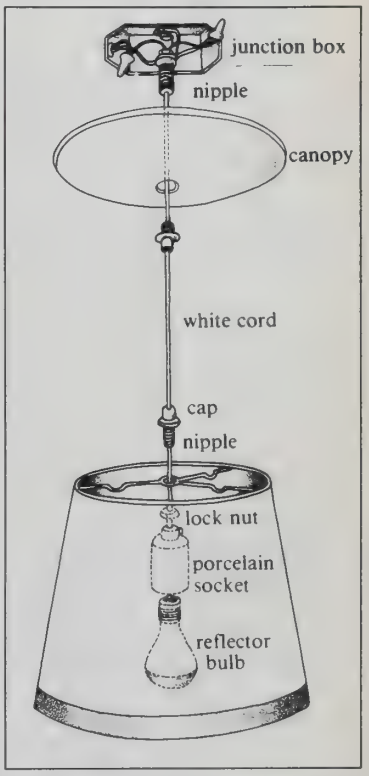
Suspended illumination

Lampshade lights in the Sollis kitchen (page 183) are just what their name implies—opaque paper shades suspended by a cord from a ceiling outlet. Two fixtures effectively light the entire 7-by-16-foot kitchen, and the light level can be adjusted by separate dimmers. 100-watt reflector bulbs, silvered on the bottom, prevent glare in the eyes of those seated at the table, and bounce soft indirect light off the ceiling. To hang a lampshade light from an existing ceiling fixture, follow these instructions from the Oriental Lamp & Shade Company in New York City: Wire one end of a heavy UL-approved cord to a porcelain socket. Thread other end through a 1½-inch threaded nipple screwed into the washer at the top of the lampshade. Fasten with a cap and locknut as shown in the drawing, *above.* At ceiling, wire cord to junction box after guiding through a cap, canopy, and nipple. Your local lighting dealer can supply you with the necessary hardware, or write Oriental at 810 Lexington Ave., New York, N.Y. 10021.

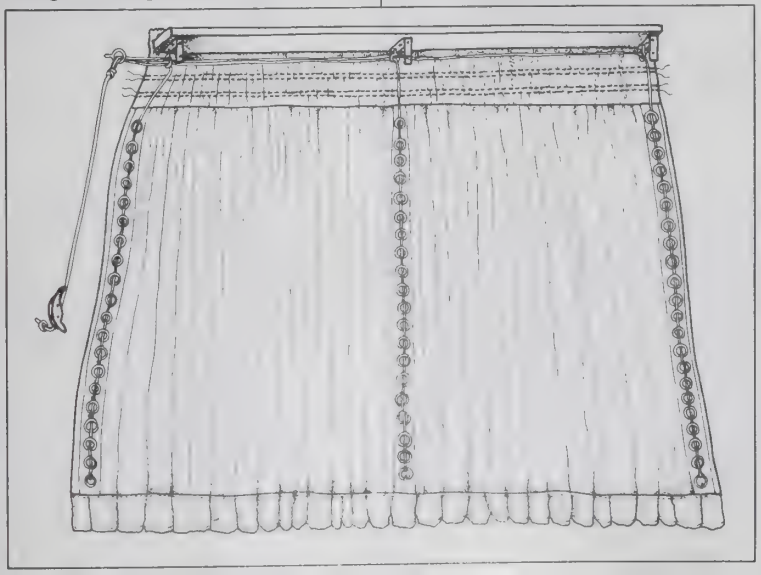
Balloon curtains

The balloon curtain in the Sollis kitchen (page 182) is lined in white, with a ruffle along its lower edge. To make a similar curtain, you'll need soft, lightweight fabric and lining, shirring tape, ring tape (with rings about 6 inches apart), large screw eyes, traverse cord, a 1-by-2-inch board long enough to fit above the window(s), staple gun, and angle irons with screws.

1. Drape a chain across window(s), swagged the way you want finished curtain to look. Measure chain. Curtain should be this wide, and as long as your window(s). If fabric must be seamed, seam at tape lines (see step 4).
2. Stitch fabric and lining, right sides together, along three sides, and turn. Stitch a 3-inch self-lined ruffle to lower (open) edge, finishing neatly.
3. Stitch shirring tape an inch below top of curtain. Gather to fit window(s).
4. On back of curtain, sew vertical rows of ring tape at sides and center. For more swags, add more rows of tape.



5. Staple top of curtain to front of board, leaving a 1-inch heading. Use angle irons to mount board above window frame.
6. Attach screw eyes into bottom of board at head of each row of ring tape. Attach another screw eye to one side of the window recess, below angle iron.
7. Knot a length of cord to lowest ring of each row of ring tape, then lead each cord up through rings, across through screw eyes, until all cords meet at one side.
8. Feed all cords through screw eye below angle iron in window recess. With curtain in lowered position, knot cords under screw eye to anchor shade in this position.
9. Attach cleat to side of window recess. Knot cords at intervals below initial knot. Adjust by anchoring knot beneath cleat at various heights.



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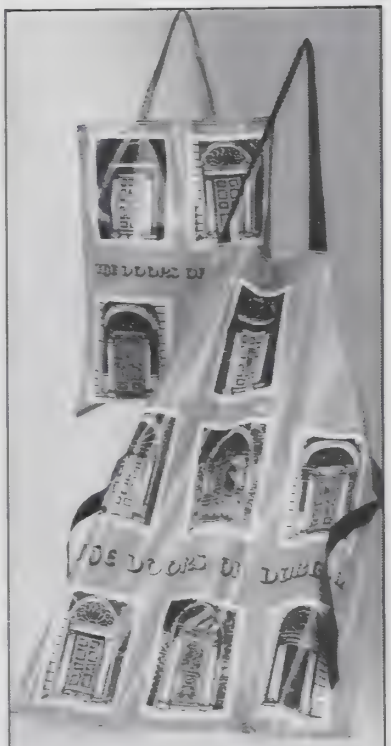

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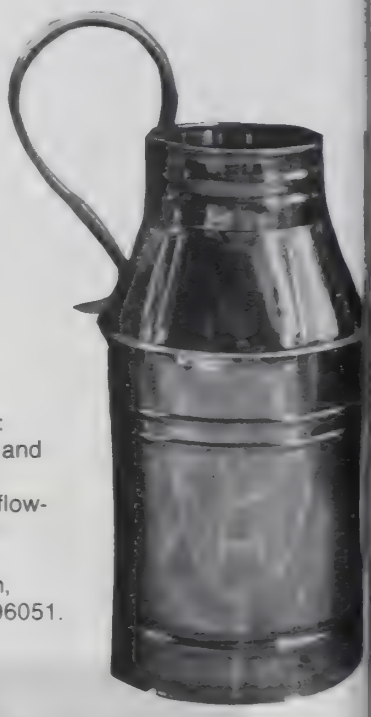

What-not basket

Pretty way to hold your trinkets: jewelry, coasters, cards, candy and such. Lid on straw basket has whimsical bird nestled in dried flowers, a perky colorful bow. Earth tones. About 5-6" dia. by 6-7"h. $12.95 ppd. Whimsical Junction, HG5, Box 369, Lakehead, CA 96051.

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Original serigraph

"Aubrieta" by Alyssia Lazin. Gray cat, creamy beige background. Flowers: pale lavender to deep violet. Signed edition of 250. Framed, about 19" by 27". $135 ppd. Color catalogue of original etchings, lithographs, serigraphs is $1. Original Print Collectors Group, Ltd., 120 E. 56th St., HG11, NY, NY 10022.

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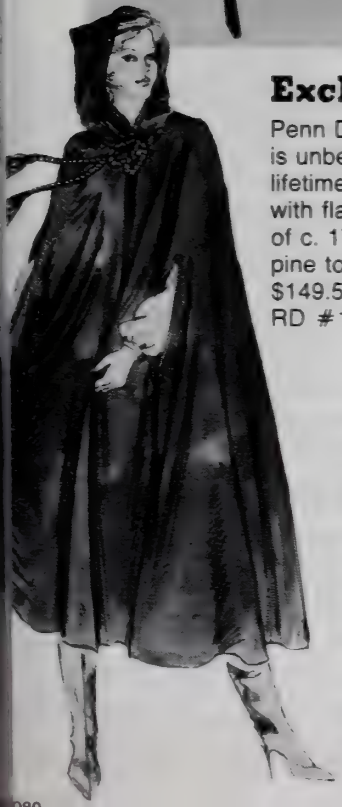
Authoritative magazine devoted to major categories of collecting: furniture, paintings, silver, pewter, brass, copper, textiles, ceramics, glass. Historic architecture. Information on exhibitions, books. Rate for new subscribers, 12 issues $33. (Add $5 outside USA.) The ANTIQUES Guide to Decorative Arts in America free with order. *The Magazine* ANTIQUES, HG5, 551 Fifth Ave., New York, NY 10017.



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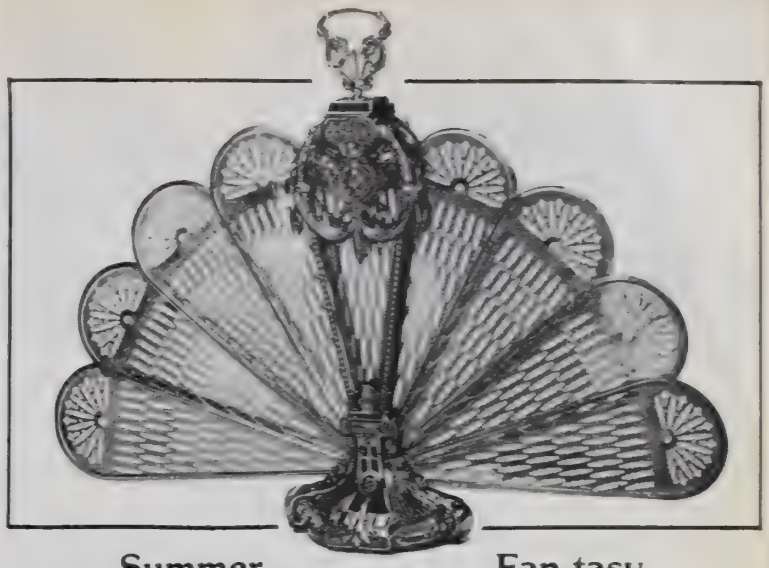

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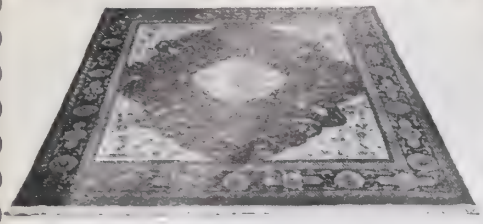

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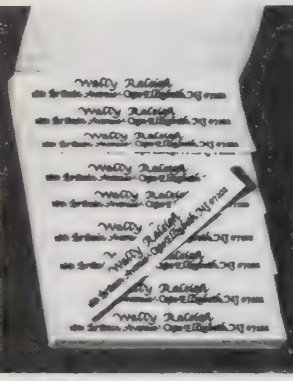

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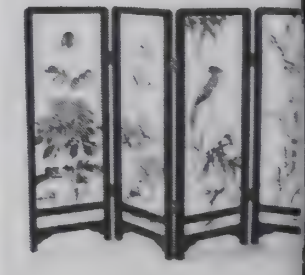

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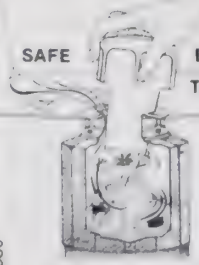

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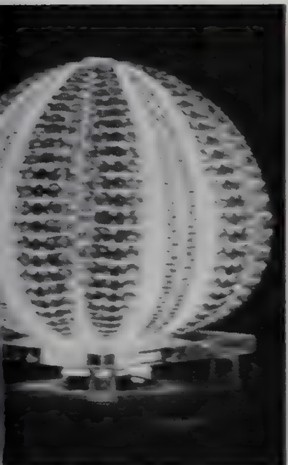

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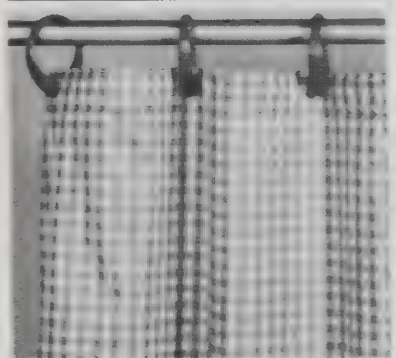

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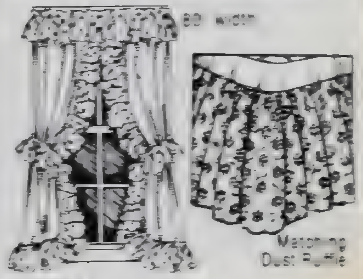

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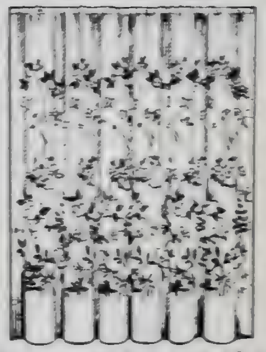

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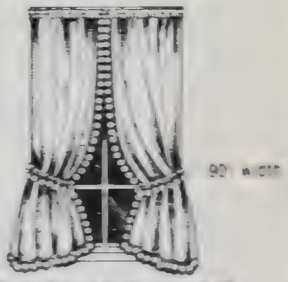

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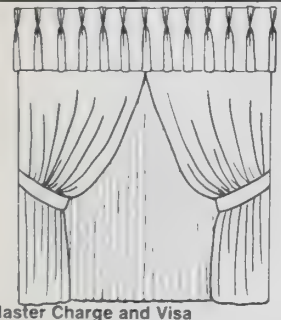

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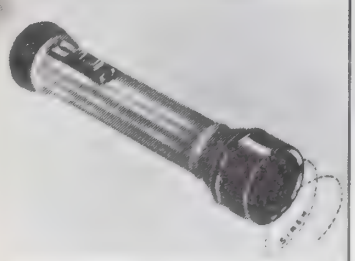

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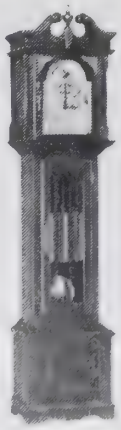

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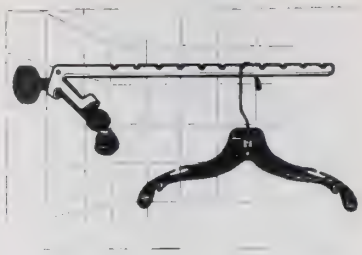

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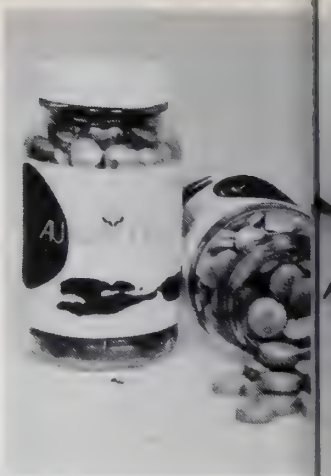

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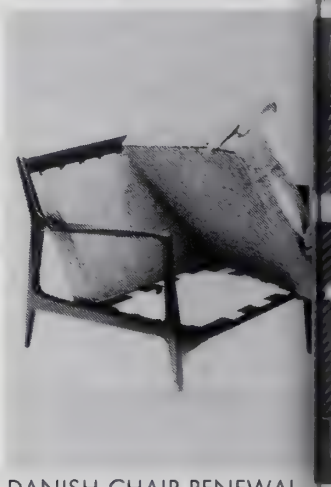

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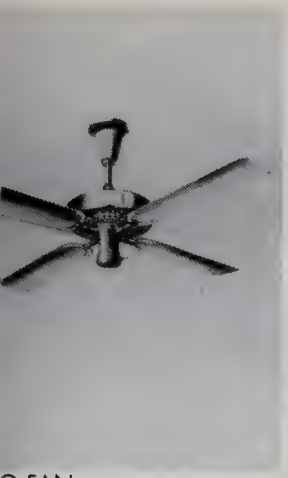

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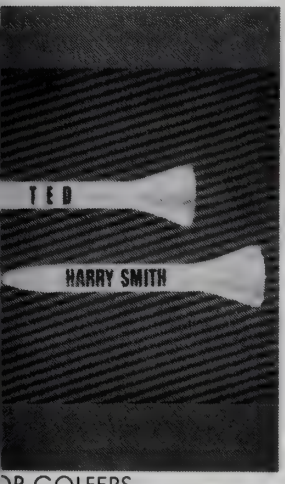

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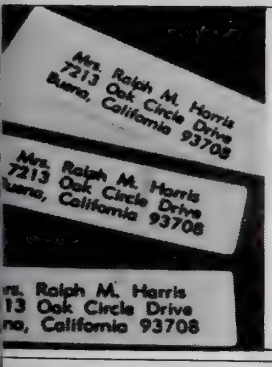

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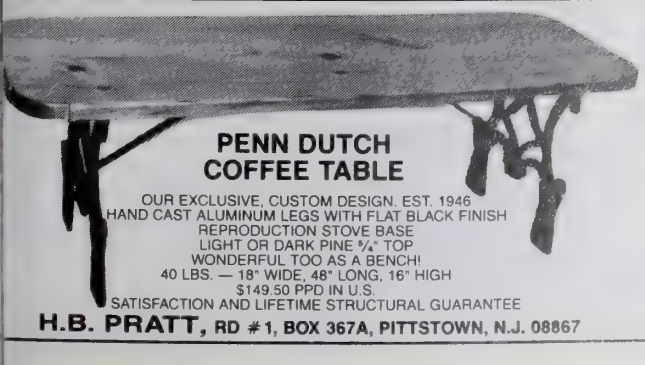

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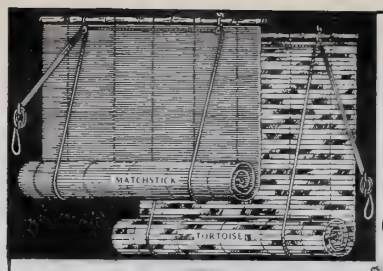

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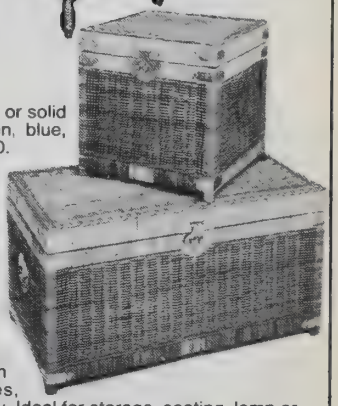

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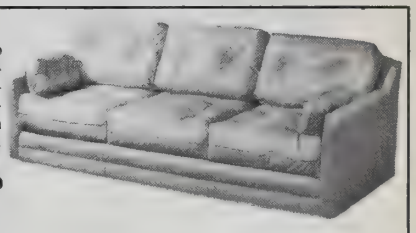

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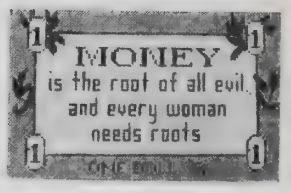

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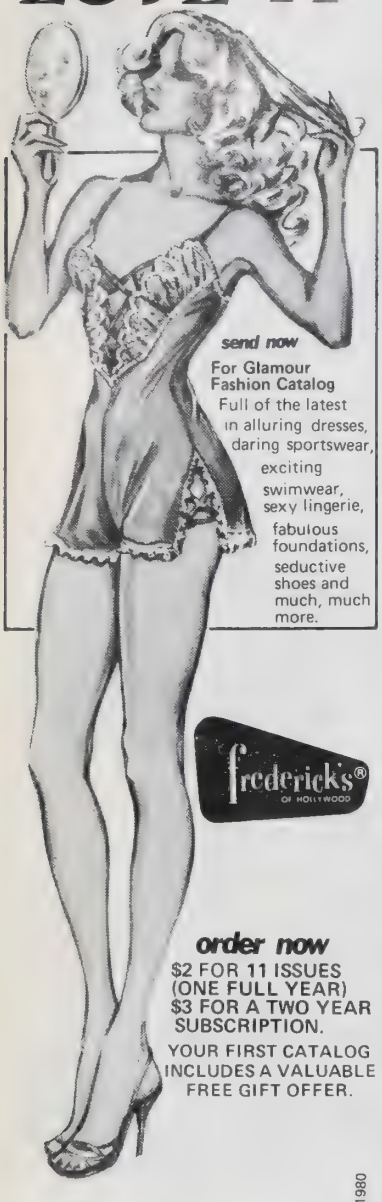

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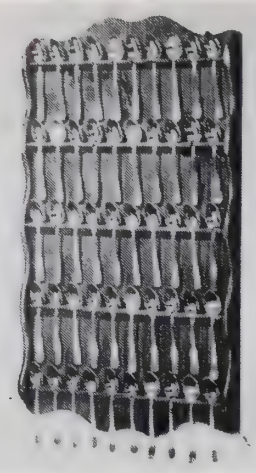

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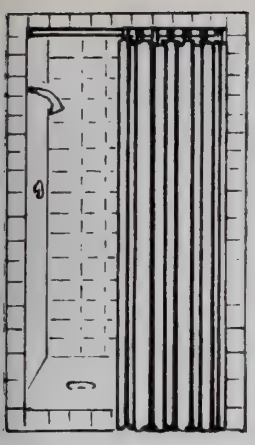

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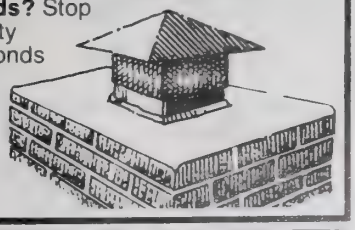

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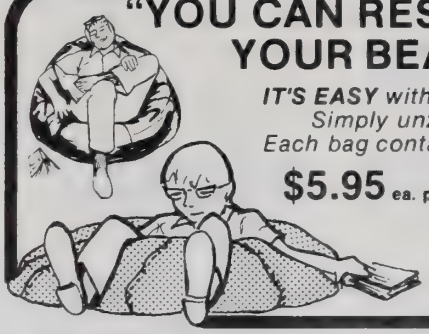

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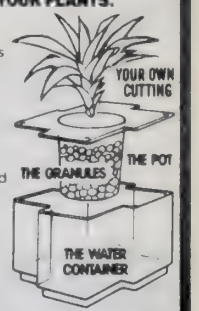

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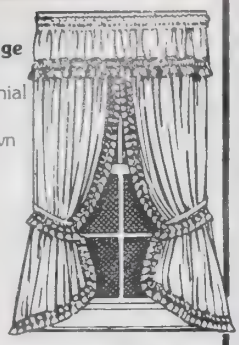

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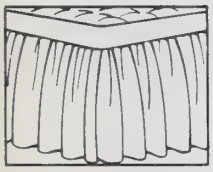

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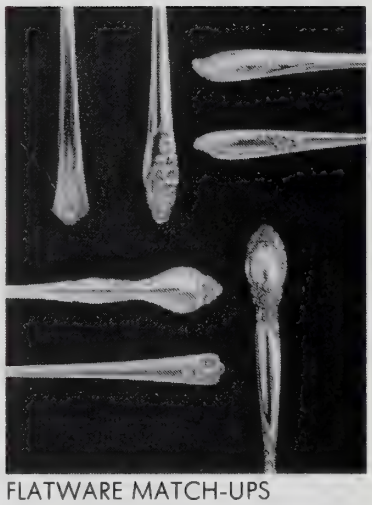

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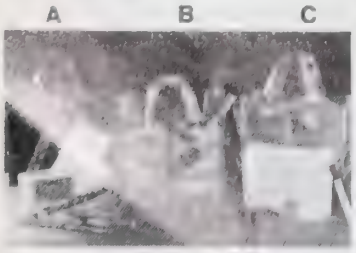

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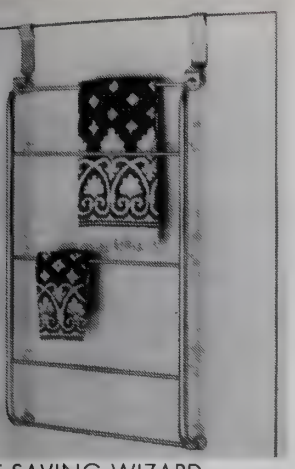

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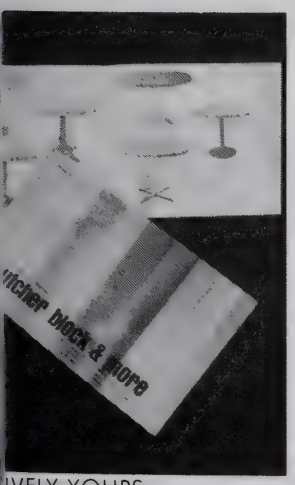

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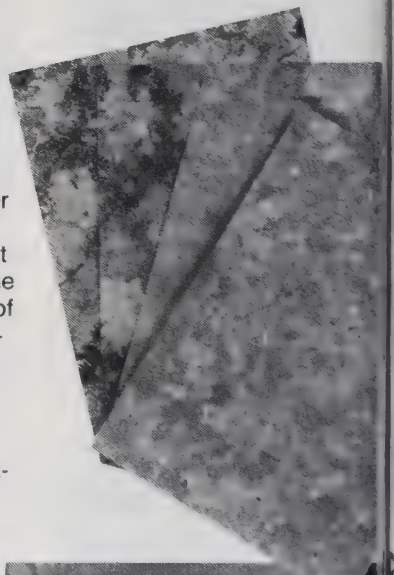

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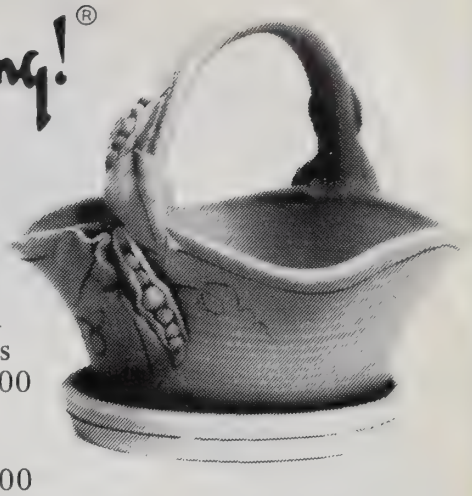

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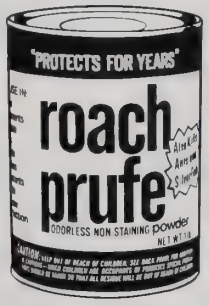

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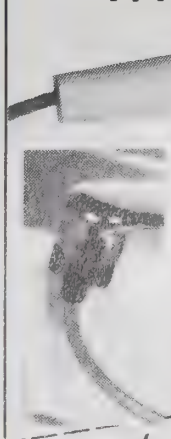

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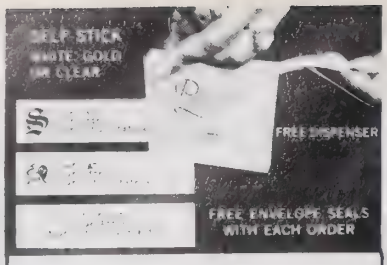

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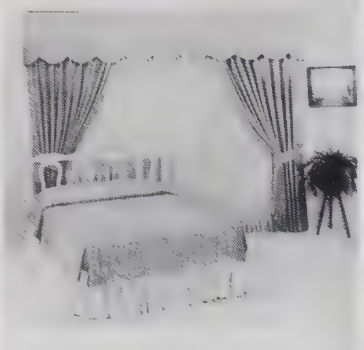

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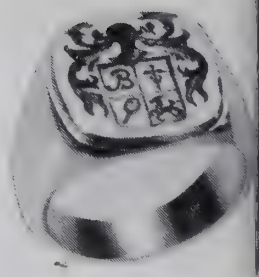

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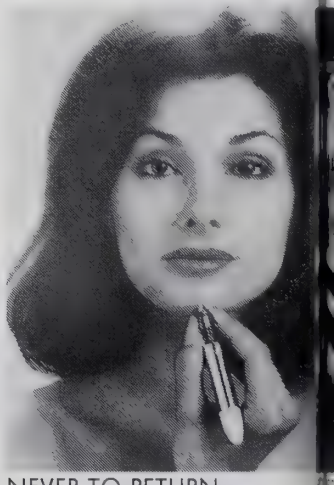

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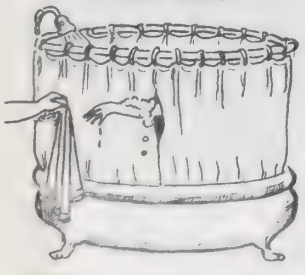

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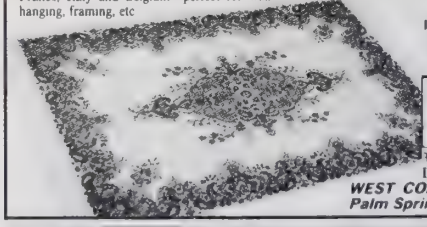

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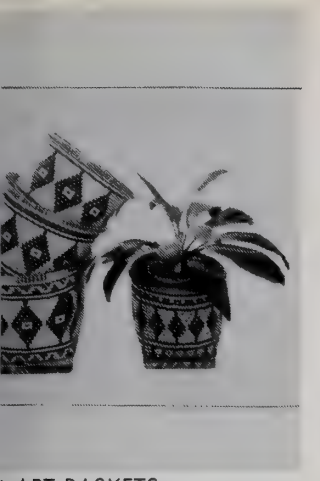

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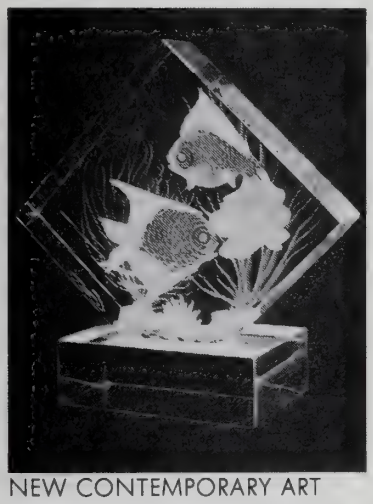

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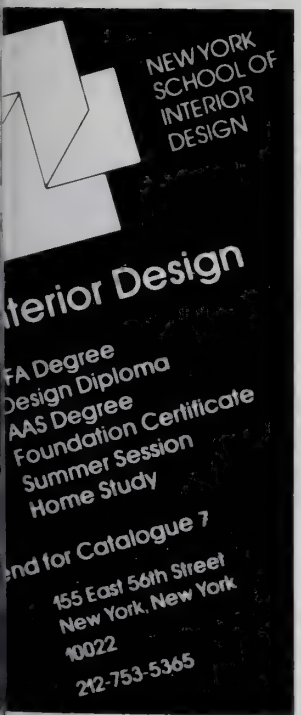

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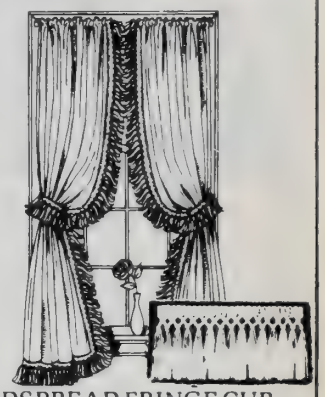

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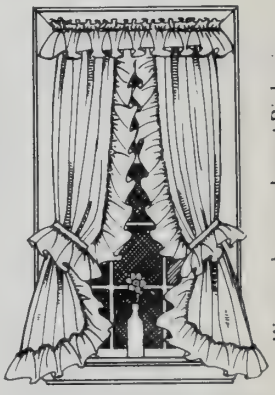

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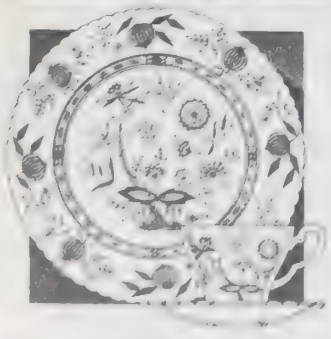

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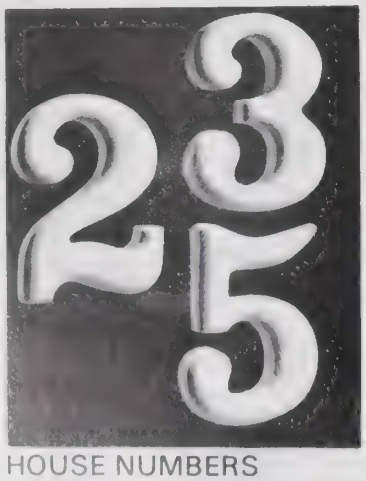

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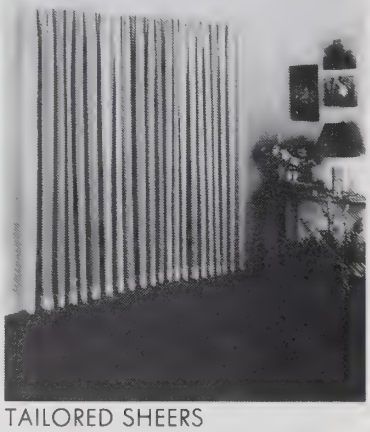

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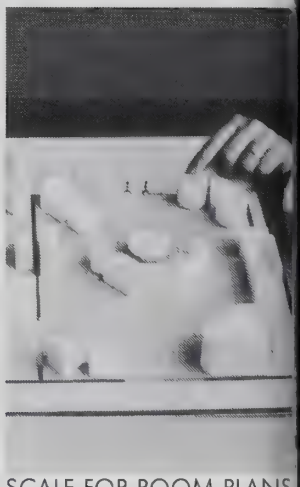

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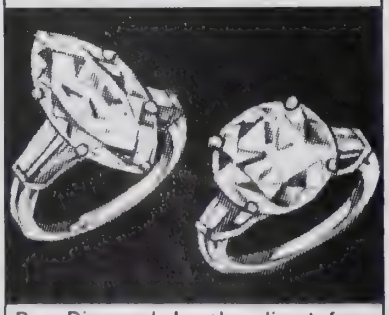

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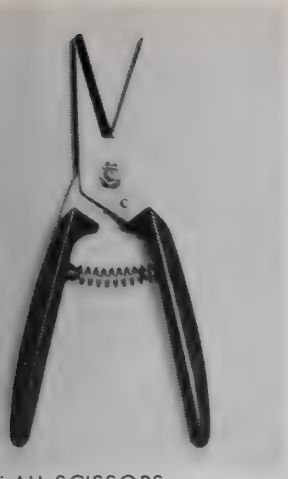

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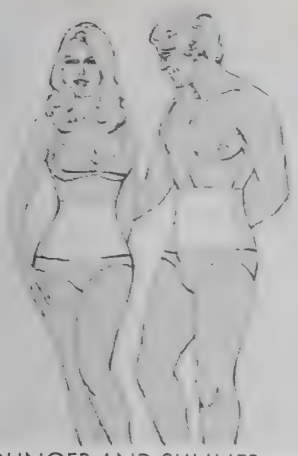

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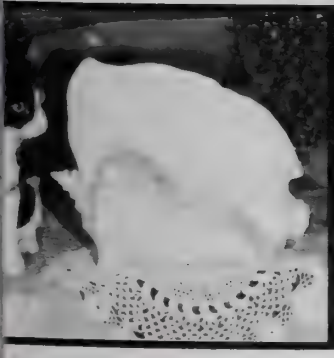

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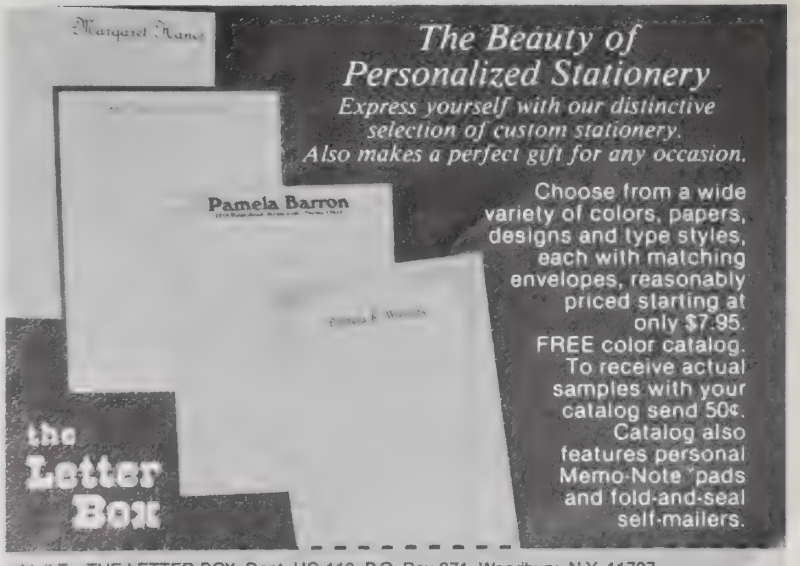

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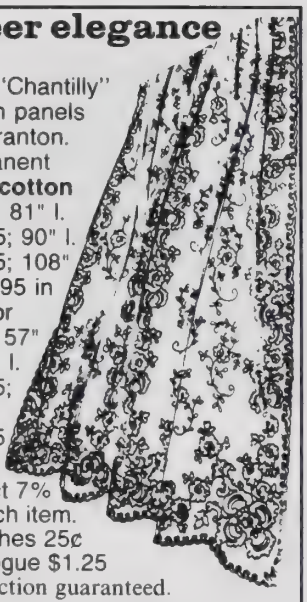

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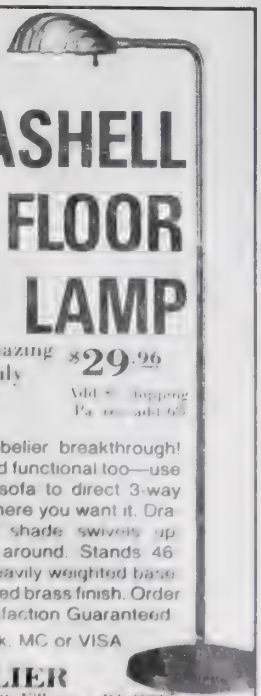

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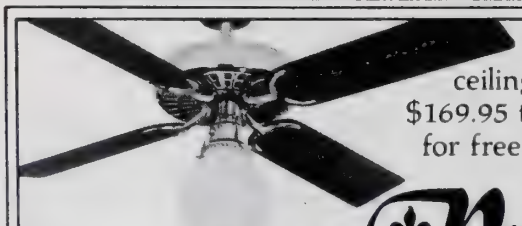

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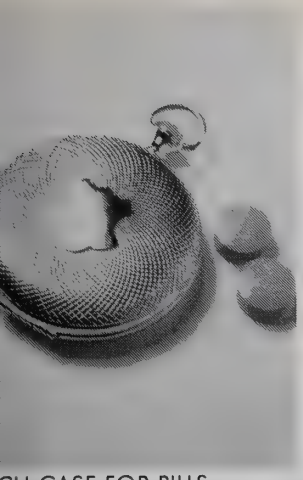

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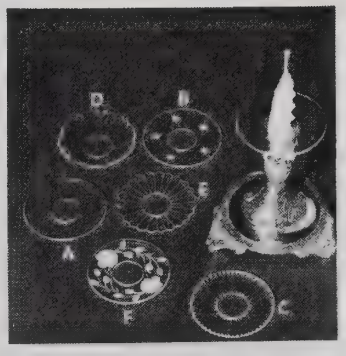

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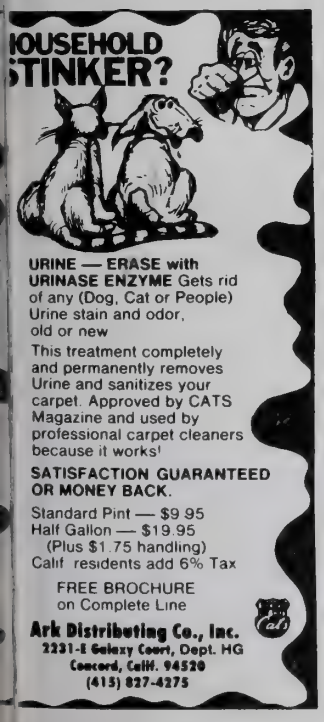

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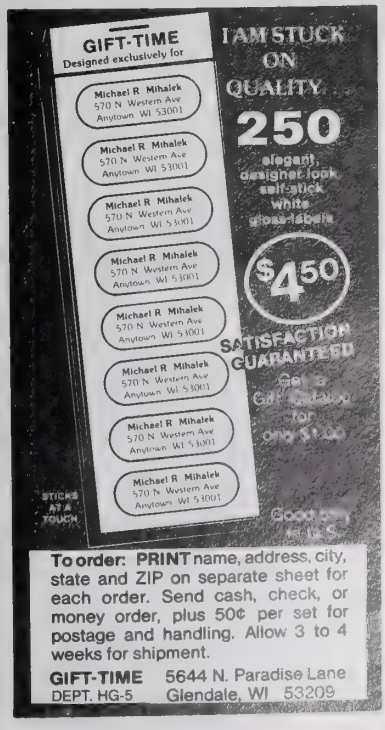

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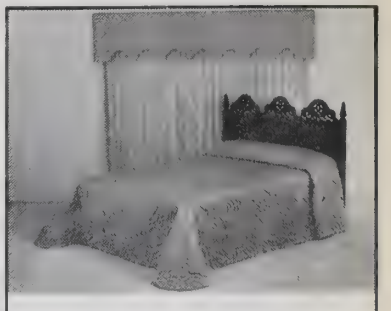

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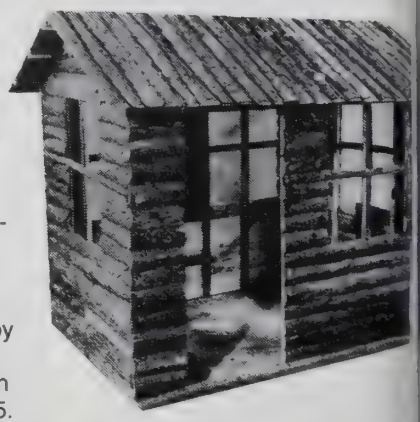

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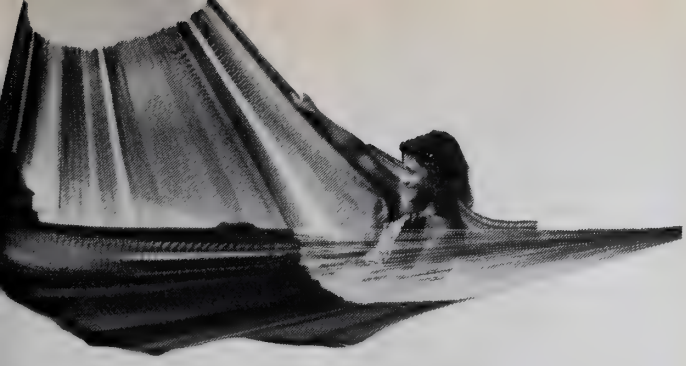

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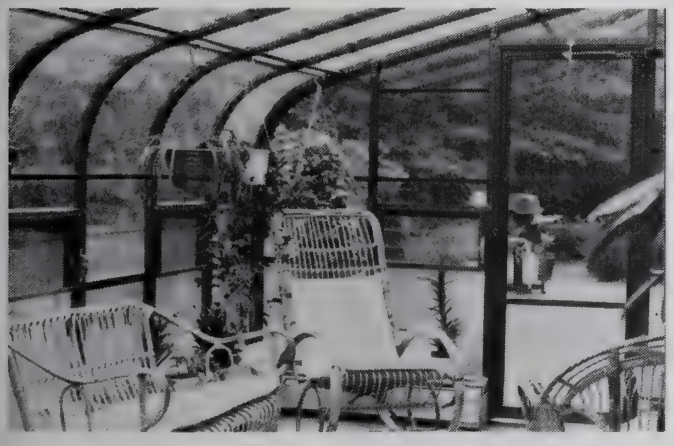

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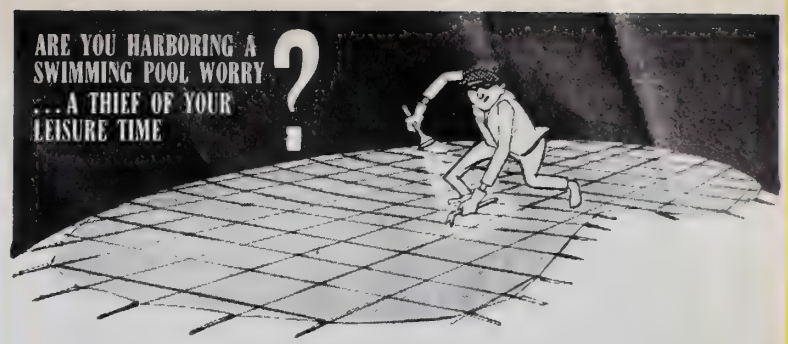

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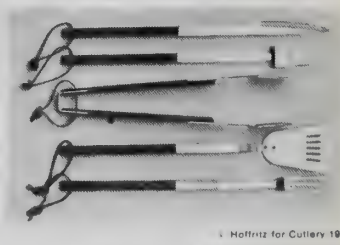

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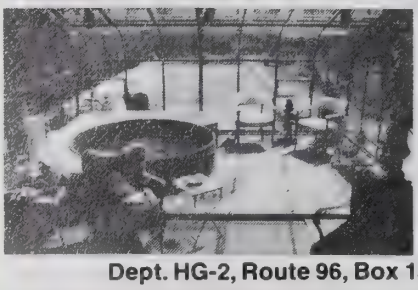

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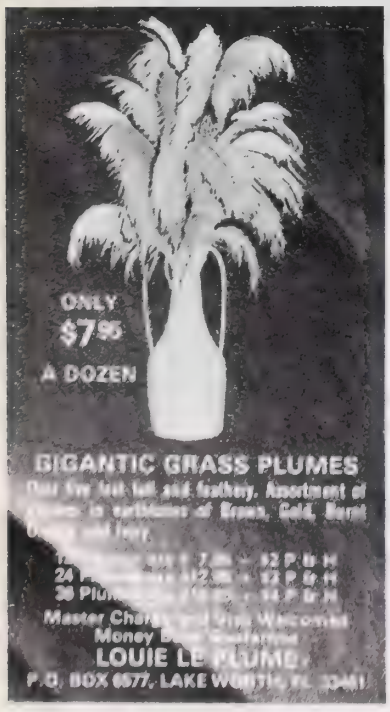

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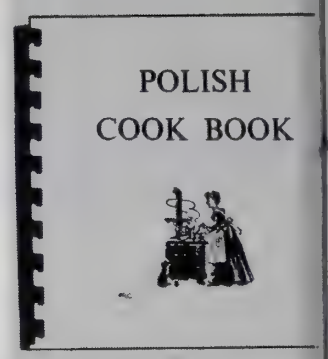

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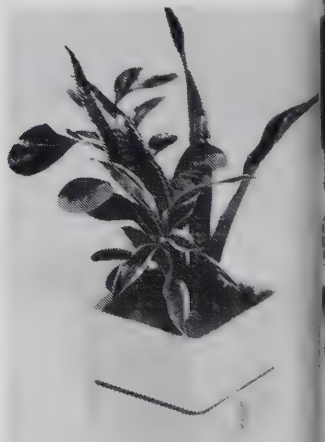

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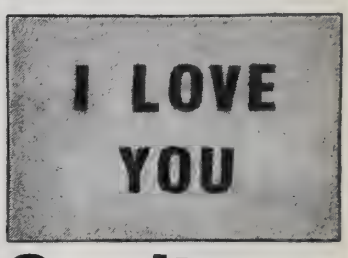

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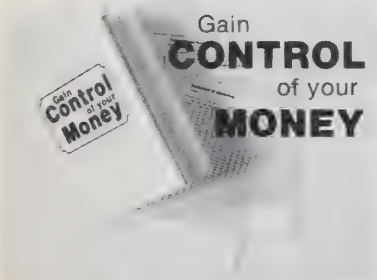

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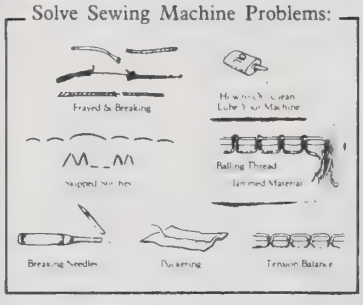

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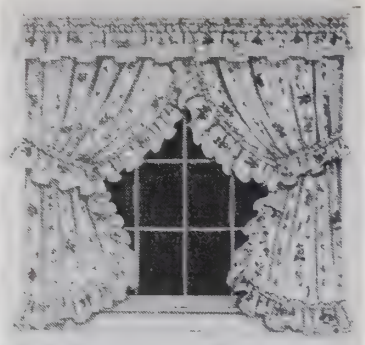

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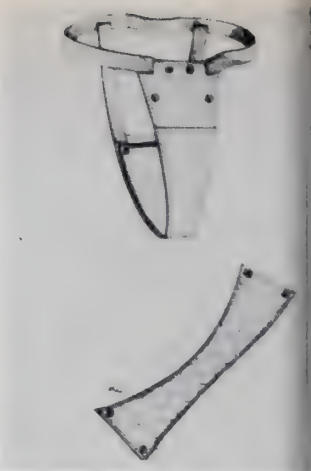

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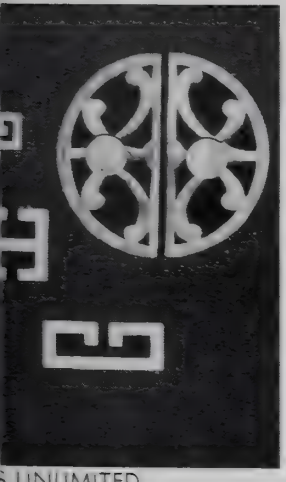
AL MINIATURE

ul little organ with bench. ox inside plays "Love Sto- de of weed, it has mirror on tiny pearl stops. Measures 4⅛". $10 plus $1 post. illustrated catalogue is $1 r first-class mail). The Doll's of Westchester, HGE5, 24 ., Hastings, NY 10706.



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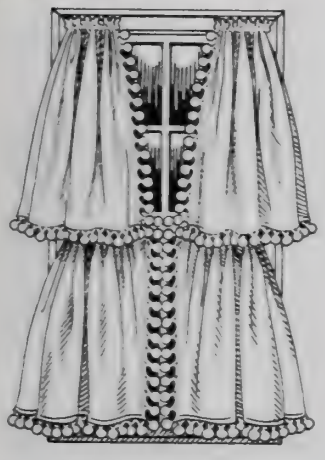

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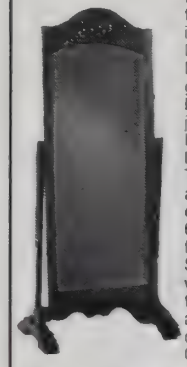

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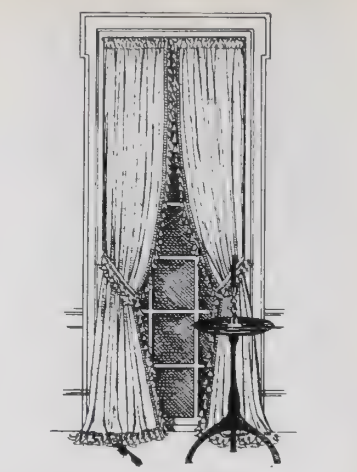

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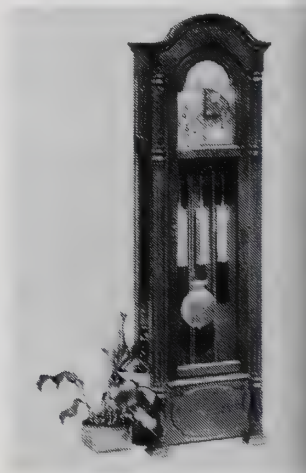

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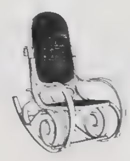

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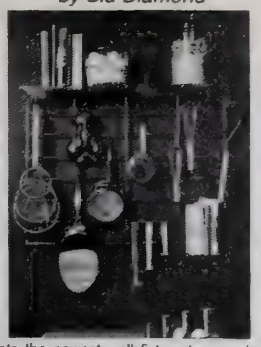

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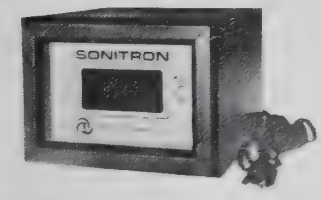

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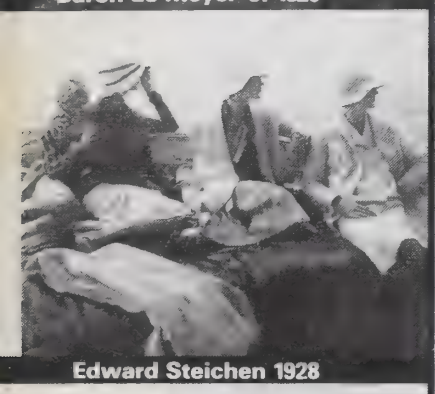
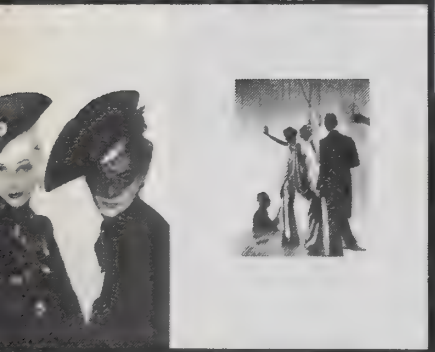
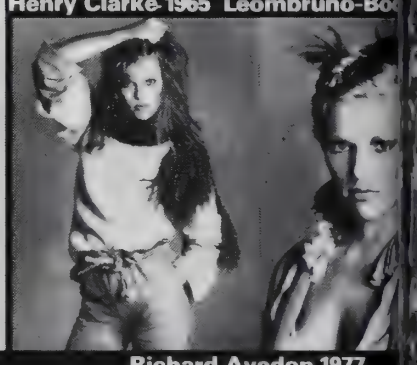

Edward Steichen 1928


vin Blumenfeld 1938 Cecil Beaton 1938

Irving Penn 1951

Irving Penn 1949

Henry Clarke 1965 Leombruno-Bo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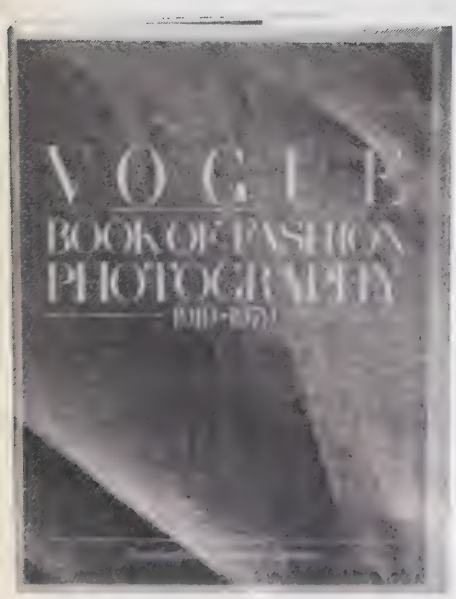

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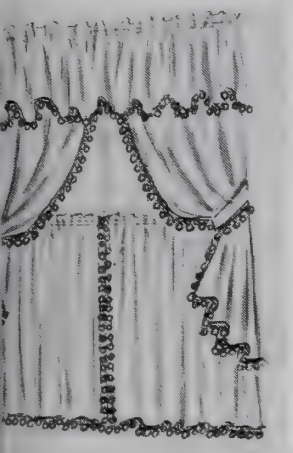

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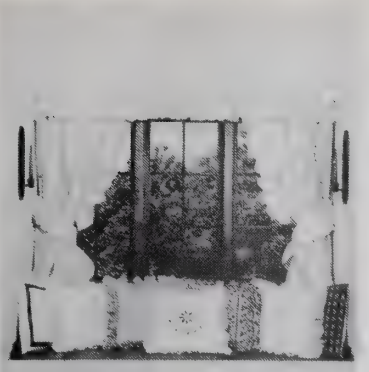

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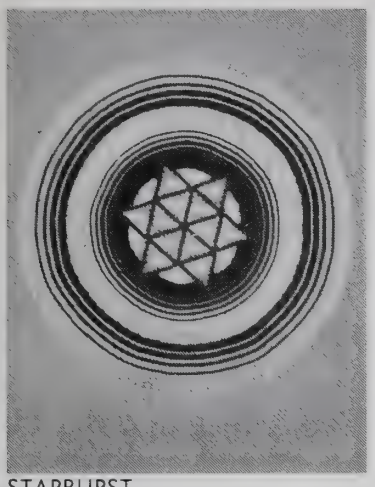

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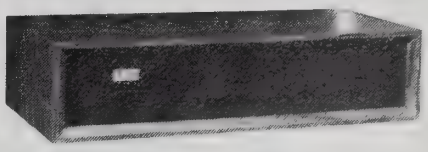

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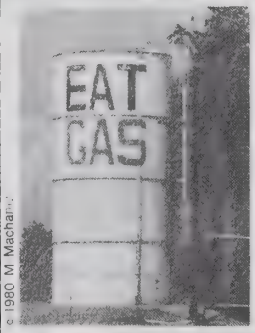

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See page 188

Garden

Tranquil lilies, flickering fish

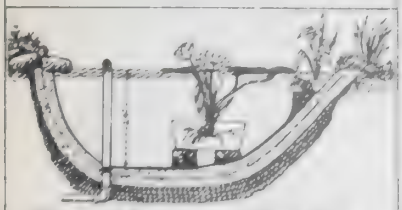
How to plant a pool in the city or country—even in a washtub

The more sunlight a water lily gets, the more profuse the blooms will be. A few varieties, however, are so free-flowering that even 4 hours of sun will give rewarding blooms: Emily Grant Hutchings and Director George T. Moore are among them (see page 188).

Tropical lilies grow wider and taller and in a greater range of color than hardy lilies. Their blooming habits are more versatile, half of them opening in the daytime, the rest at night. Almost all tropical day bloomers and most night bloomers have fragrance. Both tropicals and hardies will give up to 5 months of bloom; hardies often start in May, tropicals in June.

Miniature pools

Hardies that do well in shallow pools (a foot or less of water—fine for tub culture) include fragrant Nymphaea odorata minor and N. Tetragona, Jo Ann Pring, N. mexicana, N. Laydekeri rosea and fulgens, N. pygmaea and others. Old wooden tubs and half barrels fit beautifully into small spaces and provide a focal point in any garden. Remember that some new wood is injurious to fish and water lilies. New tubs of cypress or white cedar are safe. Avoid redwood; it discolors the water with an exudation that stunts water lilies. Don't use any containers that have copper in them. Other metal tubs, buckets, even old-fashioned dishpans, do well. In considering a water garden for a deck, remember that water weighs a little over 8 pounds per gallon.



This pool has an overflow pipe, lilies in a raised pot that fish can swim under, and a ledge for bog plants. Sketches and information are adapted from a book by Dr. G. L. Thomas Jr. (T.F.H.). See Sources at end.

A washtub pool

1. Scrub a new zinc tub with vinegar. 2. Place it in a sunny spot, sunken if possible to keep the water temperature more stable. 3. Fill halfway with properly fertilized garden loam (see how later). 4. Cover soil with burlap, weighted with rocks, to keep soil from floating when you add water. 5. Let sun warm water. 6. Remove burlap. 7. Plant tropical root upright, hardy root horizontally. Plant bog plants upright. 8. Add fish, snails. If water drops due to evaporation during the summer, replenish gently.

Digging a pool

The length, width, and shape of a garden pool are up to you, but ideal conditions for growing water lilies—ideal for their well-being and for your convenience—call for a water depth of 18 inches. This allows for about 8 inches for the containers of soil in which lilies will be rooted and 8 inches of water to cover the crowns of the plants. Add another 2 inches, because pools look best when water is close to the brimming point. An inch of rim should extend above the ground level to keep surface water from draining in during rainstorms—lawn fertilizers and weed killers can be harmful.

For a pool 18 inches deep, excavate to a depth of 30 inches. Six inches may be filled with hard-tamped gravel, fine crushed stone, or cinders. The other 6 inches will be the layer of concrete that forms the floor. In bitter-cold areas, you may have to go 2 to 6 inches deeper to winter over fish.

How to cure concrete

A new uncured concrete pool will kill goldfish. Water lilies may grow, but they won't grow well. Probably they won't even bloom.

A simple old system is to build the pool in the fall, leaving it uncovered to let the winter weathering take care of the curing.

This is the best quick treatment:

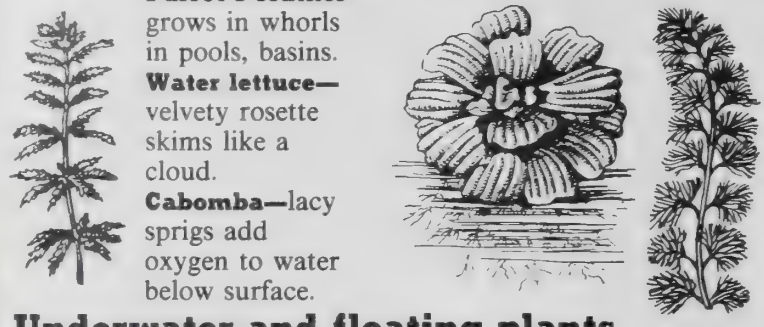
1. Fill the pool to the brim and let it set for 5 days. 2. Drain the pool, refill, and let it set another 5 days. 3. Drain the pool again. 4. Mix up a solution of 1 quart ordinary kitchen vinegar and 10 quarts water. 5. With a stiff brush or old broom and generous sloshings, scrub vigorously every square inch of the pool's inside surface. Mix more solution if you need it. The surface may bubble up a bit as the vinegar works on the free lime, but it will not weaken the concrete. 6. Rinse out the pool with a brisk stream from the garden hose, fill, and it is ready for fish and water lilies.

Lilies get hungry

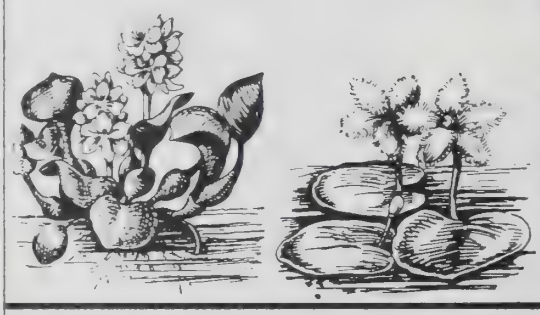
The basic food for both hardy and tropical lilies is properly fertilized garden loam. Swamp muck, although it

Continued on page 279

Underwater and floating plants



Parrot's-feather—grows in whorls in pools, basins.
Water lettuce—velvety rosette skims like a cloud.
Cabomba—lacy sprigs add oxygen to water below surface.



Water hyacinth—air-filled bulbs, lavender blooms; buy in-state—a pest in some waterways.
Water snowflake—dainty leaves and flowers; submerge, rooted in a pot.

To teach fish to eat from your hand, as Mrs. Henry E. Ahders does, feed them at a set place and splash water gently to attract them—they'll come at the signal.

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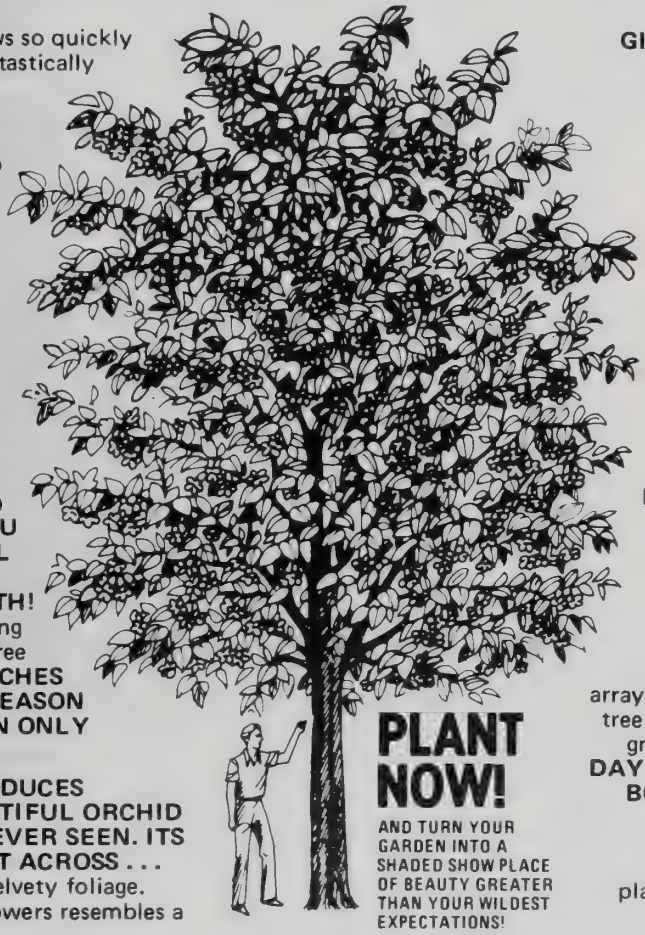

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GARDENER'S NOTES

BY JAMES FANNING

In the merry, merry month of May

A sampling of new ideas that you can use now as spring works its magic and makes your garden grow

Amiable Johnny-jump-up

Viola tricolor has a great many common names, including hearts-ease and wild pansy, and is often known simply as viola. It is best known, though, as Johnny-jump-up, and a better name could hardly have been found for this obliging plant, ready as it is to jump up and bloom at practically any time or difficult location. The flowers are like miniature pansies, less than an inch across, and may be blue, purple, yellow, or white, although a combination of blue and yellow is the one we see most often. Never more than 8 to 10 inches high, the plants have neat dark green leaves and flower best in cool weather, although there are still flowers when it's hot and dry. A key to Johnny-jump-up's survival ability is its lavish production of seeds. Individual plants are not long-lived, but are quickly replaced by seedlings. Some gardeners consider this a disadvantage, and call the plant a weed, but the seedlings are weak-rooted and easy to remove wherever they're not wanted. Left to their own devices, a few plants will quickly spread into a ground-covering carpet that is practically evergreen and ever-blooming.

Obliging Johnny-jump-ups thrive practically anywhere, anytime.

Up with tomatoes

Giving the floppy stems proper support is one of the big problems of tomato growing. Single stakes call for a lot of work just to keep the plants attached to them, and fencing or nets need strong posts for support. These problems are solved by using a cylindrical or many-sided structure that will hold itself and the plants upright. A great advantage of this arrangement is that the hollow center may be filled with compost or other material that will not only strengthen the support but add nutrients for the developing plants. Just such a hexagonal support has been developed and is being marketed by the Ringer Corporation, of Eden Prairie, Minn. It consists of 6-foot-high panels of stiff wire, hinged together at the corners to stand upright. Planted outside the framework, one to a panel, tomatoes may be twined among the wires as they grow, or tied up as they would normally be. If enough material for composting is available at the beginning, the structure may be filled at the same time the tomatoes are planted. Probably, though, it will be filled gradually, as garden debris accumulates through the summer. In any case, the tomatoes will send roots into the compost. At the end of the growing season the wire panels are folded and put away for the winter and the compost is used to improve the garden soil. Of course, cucumbers or melons will also thrive under this system, particularly if the compost

Ringer tomato support has compost in center, wire supports for growing plants.

inoculated with the microorganisms at make nutrients available to plant ots. The Ringer Tomato Grow Ring it includes the wire frame, a supply of oculant for compost making, and a spe-al "Tomato Booster" fertilizer. Avail-le at local hardware stores or garden nters, or by mail ($43.90 ppd.) from ne Ringer Corporation, 6860 Flying oud Drive, Eden Prairie, Minn. 55344.

reen for '80

ne city of Basel, on the Rhine at the oint where France, Germany, and vitzerland come together, is playing st this summer to a huge international rticulture display. Known as *Grün Green) 80*, the 114-acre exhibition ened April 12 and continues until Oct. . Although the emphasis is on ecology d man's interrelationships with the rld of plant life, the Swiss genius for spitality and good living are evident roughout. Cheek by jowl with a festive ergarten, for instance, is a Goeth-num, demonstrating the scientific rming methods investigated by Goethe 0 years ago. All in all, *Grün 80* is well rth a side trip from almost anywhere American tourist might be visiting in urope. And it's easy to get to, by Rhine at, railroad, highway, or air. Also, the merican Horticultural Society will be nducting visits to *Grün 80* throughout e summer. For complete details about ese tours, write to The American Hor-cultural Society, Mount Vernon, Va. 121. ■

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anquil lilies
ntinued from page 276

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ay look black and rich, will not do. here is very little nutritive material in and muck turns sour, fouling the wa-r and creating an unhealthy environ-ent for fish. River mud cannot be used r the same reasons. Leaf-mold, al-ough it contains plant food, will foul a ol. Soil should also be free of peat oss and rotted wood. Experienced wa-r gardeners recommend a good fibrous am, properly fertilized:

you have access to a dairy farm, your st bet is well-rotted cow manure, 1 rt to 3 parts garden soil. (Use com-ercial dried cow manure more sparing-, 1 part to 8-10 parts soil, or 4 quarts 1 bushel of soil. Use no fresh manure any kind.)

ext best—and second only because you n't get it free—are the various com-ercial fertilizers offered by most water-y dealers. They come with explicit in-ructions.

Green pools and newspapers

ealthy pool water often has a slightly oudy, greenish tinge, due to the mil-ons of suspended microscopic algae nd similiar plants that are necessary for e goldfish. If you have lilies, fish, and ubmerged plants, the pool will soon nd its own balance and hold it. Scum consists mostly of algae. If you need to get rid of it, raise the water level by ¼ inch, and with a little guidance it will run down the overflow drain. If the pool does not have an overflow drain, sweep the scum to one corner with a folded newspaper or a broom, and dip it out.

How to drain a pool

The point in favor of a drainless pool is that it is easier to build. The average pool has to be drained for cleaning only once every other year. This can be done by siphoning out the water with a garden hose to some other, lower location—lower ground where the water can spread and evaporate, a gutter, or a sewer outlet in the basement. Put the hose in the pool, fill the hose with water and double over the faucet end to keep it full while you put it into draining position lower than the pool, then let go. Fish should be removed in containers of their familiar water, put back gently when pool warms to same temperature.

Fish in winter

Be sure to rake dead leaves out of the pool before the first freeze; decomposing leaves—especially maple and oak—become poisonous to fish. Don't fear that the fish will starve or smother under the ice. The colder the water, the more oxygen it can hold, and fish in their near-motionless state use only a small percentage of what is available. Do not break the ice.

Sources and supplies

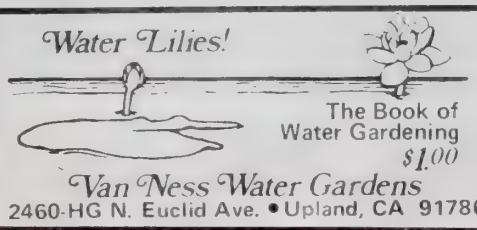
Lilypons Water Gardens, Lilypons, Md. 21717 or Brookshire, Tex. 77423. Catalogue, $1.50, is deductible from your first order.

Slocum Water Gardens, 1101 Cypress Gardens Road, Winter Haven, Fla. 33880. Catalogue, $1.

William Tricker, Inc. 74 Allendale Ave., P.O. Box 398, Saddle River, N.J. 07458 or 7125 Tanglewood Drive, P.O. Box 7843, Independence, Ohio 44131; 50¢.

Van Ness Water Gardens, 2460 North Euclid Ave., Upland, Calif. 91786; $1.

Goldfish Pools, Water-Lilies and Tropical Fishes by Dr. G.L. Thomas, Jr. (T.F.H. Publications, Inc.) was the source of much of the Garden Page text. This 336-page book with many illustrations and color photographs may be ordered for $16.95 ppd. from Lilypons Water Gardens, *above*. ■



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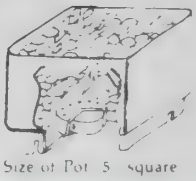
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5. "THE ENLIGHTENED HOUSE" is a booklet with suggestions for enjoying the shining crystal lights of Waterford. Inviting lighting is the key to a warm feeling in your home. Information about illumination, task and accent lighting, chandeliers, and hints on selecting china and crystal lamps, fixtures, lampshades. Waterford Glass Inc.

6. UPHOLSTERED FURNITURE COLLECTION by Tomlinson is shown in a 60-page color catalogue. Creative details and styling featured. Individual descriptions provided, plus some room settings. $4.

7. 18TH-CENTURY FURNITURE REPRODUCTIONS. With faithful attention to authenticity, Hickory Chair interprets the finest of Queen Anne, Chippendale, Hepplewhite, and Sheraton designs in pieces for the living and dining areas of the house. $3

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11. WROUGHT-IRON FURNITURE—a beautiful, versatile solution to both indoor and outdoor decorating needs. In the new Woodard catalogue, you can choose from a rainbow of 21 finishing colors in 13 different furniture collections suitable to any decorating style. Lee L. Woodard Sons, Inc. $3

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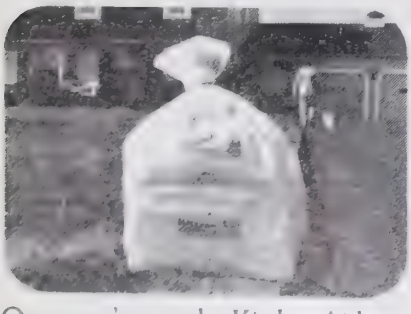

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JUNE 1980 VOL. 152, No. 6

HOUSE & GARDEN

Incorporating LIVING for young homemakers

DECORATING, ARCHITECTURE, BUILDING

12 On our cover
66 Remodeling update: Step by step to conserving energy. By Sandra Oddo
84 House craft. By Deanne Raffel
138 Windows on romance
144 A new look at tradition—on the light side
148 Prints for pleasure
156 Living with antiques
166 Open spaces, secret places
170 Daring designs—our pick of the newsiest from Europe and America
178 Raising the roof to create a crafts studio, extra space, more light
204 Kitchen page. Edited by Barbara Portsch
219 Inside story

ANTIQUES

34 Antiques questions and answers By Louise Ade Boger
42 Collecting: The ABC's of appraisals By Ann O'Shea
162 The antiques rush. By Martin Filler

BEAUTY AND HEALTH

30 Looking good, feeling fit: How to stay in shape naturally By Paula Rice Jackson

FEATURES

15 Ingenious ideas: Furniture face-lifts
20 Living. Edited by Paula Rice Jackson
61 You and your car: Tips for a summer on wheels. By Richard and Jean Taylor
112 Country notebook. By Dee Hardie
128 Happy housekeeper By Mary Elizabeth Falter
133 The eternal return to romance *(Editorial)*
134 The most romantic things in the world

WINE & FOOD

180 Wine & food tidbits. By Penelope W. Linck
183 Tips and tempting recipes to celebrate meals outdoors. By Penelope Wartels
184 The covered-dish get-together uncovered
186 Give take-home food a homemade touch
188 Good spirits: Desserts to drink By Jan Weimer

GARDENING & HOUSE PLANTS

115 Plants around the house: Vines climb into place as popular house plants By Richard Langer
152 Roses for her rooms
174 The other roses
246 Garden page
248 Gardener's notes. By James Fanning

TRAVEL

118 Going places, finding things. Edited by Nancy Richardson. The best of summer in a winter resort. By Caroline Seebohm; An island of our own. By Ward Morehouse

READER'S SERVICE

130 Dear H&G. By Margaret Morse
208 Shopping information
220 Shopping around with Audrey Nichols
244 Building facts
250 Best in booklets

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"MY GALLERY GOES AROUND THE WORLD COLLECTING TREASURES FOR ME TO MIX AND MATCH IN MY OWN PERSONAL STYLE."

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"We both love fine furniture, and I especially love finding those treasures that make a room special. All of the furniture in this room came from Ethan Allen. Our desk is an example of the beautifully made pieces they have. But the things that make a room really 'us' came from Ethan Allen too. Ethan Allen can travel to places I can't, so I can brighten my home with Italian porcelain or make it glow with brass from India. Our favorite painting on silk is from China. So is the beautiful rug we've just chosen. It was one of the first to be brought out of Mainland China!

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Ethan Allen Galleries

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Overall width (inches	[illegible]	1.1	2.0
Relative breaking force* (pounds)	[illegible]	80	164

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JUNE 1980

HOUSE & GARDEN

Beadle

On the cover: Romantic decorating starts here, in the living room of Mr. and Mrs. Mark Hampton, where a graceful little chair dressed with roses and clover keeps company with a bowl full of tulips. "We love having flowers around all the time," says Mr. Hampton, a New York interior decorator, "so we made them part of our decorating. Bringing in the things we care about is what makes this room so inviting." Sentiments like this are turning lots of modern rooms—this used to be one of them—into softer, more romantic places. "Old Rose" glazed chintz cotton from Clarence House is part of the mood. The Hamptons chose this nostalgic print, adapted from a 19th-century English fabric, to cover chairs, walls, and windows in their big living room. "The pattern is large enough to not get lost in this 17-by-30 foot space," explains Mr. Hampton, "and delicate enough to upholster small chairs." The bustle-back chair is one of two the Hamptons found in an antiques shop on the outskirts of London. Charmed by their low, curving shape, they repainted the scratched mahogany frames black, accented the moldings with tobacco-colored glaze, replaced the tattered tapestry upholstery with sprightly new chintz, and gave the chairs a new home on either side of the fireplace. "Don't be fooled by their dainty appearance," say the Hamptons. "The 'bustle' supports the small of the back, so they're tailor-made for comfort." Little chairs like these are part of the fun of relaxed, romantic decorating, tucked into small corners or scattered around the room with other special treasures. "Scrapbooks in the bookcase, lots of flowers, pretty pieces of crystal and glass on tabletops make this room an extension—an expression—of us," say the Hamptons. "This isn't a serious room, or a showplace—it's lived in and comfortable—and that's why we love it so." To see more of the Hampton living room, and how it changed from contemporary to cozy, please turn to page 144.

Siena. It can start out Oriental

Plate No. 1055

Turn into Art Deco.

Or become as modern as you are.

A beautiful way to keep a bathroom new-looking, longer. New Siena™ Ceramic Tile from American Olean.

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See Siena ceramic tile at an American Olean Showroom (check the Yellow Pages). Or, send $1.00 to American Olean Tile Company, 2744 Cannon Avenue, Lansdale, PA 19446. And we'll send you several beautiful tile brochures and a Siena sample.

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The Trimline telephone puts the whole phone in your hand.

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INGENIOUS WAYS TO MAKE YOUR LIFE EASIER

Furniture face-lifts

Dress up deck chairs for summer. Cover the seats in a fresh gingham check, tie a big gingham bow on each of the four arm posts.

Wicker wise

If your wicker is brittle—*and* it's made of willow or reed, not sea grass or twisted paper—hose it down or put it in the shower. Clean with a soft brush and warm, soapy water. In *Collecting & Restoring Wicker Furniture* (Crown), Richard Saunders says "Natural wicker should be left unpainted whenever possible because it is far more valuable than painted wicker and will also withstand the weather better if used outdoors." Already-painted wicker with a smooth, clean finish can be spray-painted efficiently—outdoors—without professional stripping, but spot-test paint for compatibility first. To foil drips, do bottom first, then turn piece right side up.

Tighten up loose chair joints quickly with a wood-swelling agent, sold in a squeeze bottle with applicator nozzle, at hardware stores. One manufacturer is The Chair-Loc Co. of Lakehurst, N.J.

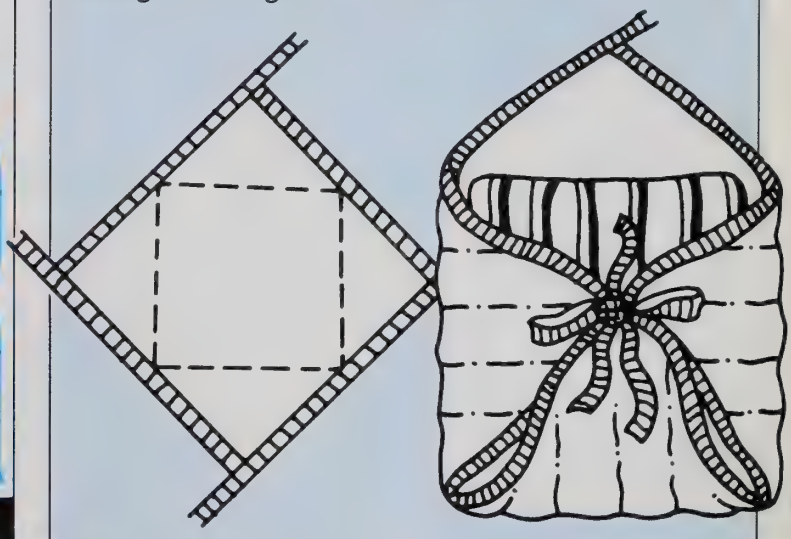
Kitchen tabletop cut up? Rather than having it refinished, consider covering it with glass cut to fit and painted on the underside. Or use clear glass over fabric or wallpaper.

Wood advice from *The New York Times Complete Manual of Home Repair* by Bernard Gladstone (Macmillan): Color out shallow scratches on walnut by rubbing them with a walnut or Brazil nut meat; then wax. On mahogany, paint drugstore iodine (thin with 50 percent rubbing alcohol if too dark) into scratch with tiny brush. Wipe off any excess at once. ● Sticky drawers? If possible, remove, dust, and rub sides and guides with a candle, paraffin, or drawer lubricant. If it won't open all the way, slip a light bulb on an extension cord into it for a few hours to shrink it (put bulb inside wire "trouble light" cage *and* watch to avoid scorching). Uneven floors make drawers sluggish—check with a carpenter's level, prop up low end of bureau with wood wedge.

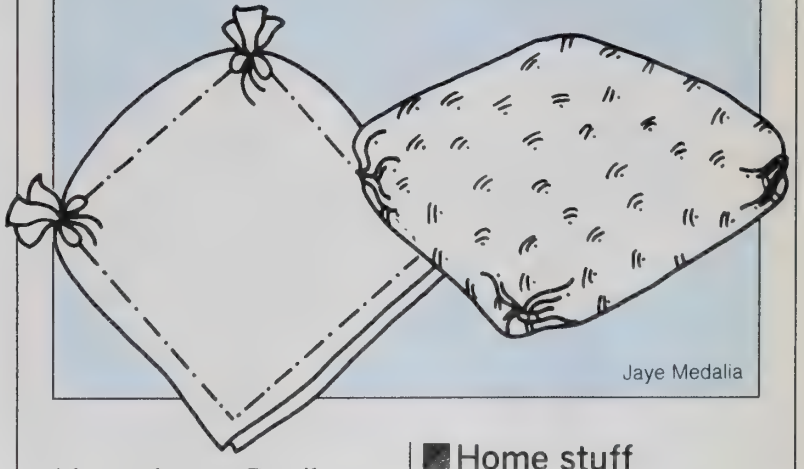
Pillow pickups

Plant a flower-shaped pillow on the back of a highbacked, rush-seated chair. Pick a print with huge flowers, cut out one per chair, appliqué, attach ties sewn from green fabric.

Two quick pillowcovers for square pillows: ● Wrap pillow in a big square scarf, tying opposite corners together in center of pillow. ● Sew up a fold-and-tie cover from quilted fabric. Measure diagonal of pillow and cut square of fabric where each side is as long as that diagonal. Bind edges, extending binding at each right corner for ties.



Sew "harem" pillowcovers to give standard right-angled pillows a soft, gathered-corner look, as Jan Jessup does: Sew right-angled pillowcover to fit your pillow, with four seams (put zipper in one seam). With cover inside out, take ordinary string and tie off each corner a few inches in from seams. Turn right side out and stuff with pillow.



Jaye Medalia

Home stuff

Do your seat cushions have feather fatigue? The fronts are the prime wear spots: Try to work the stuffing forward by banging on the back corners of the cushion (since there are inner cloth partitions across the center). If this isn't enough, but the loft is still halfway decent, try adding a 50/50 mixture of down and feathers—about 2 to 3 ounces, or 6 to 8 dollars' worth, per chair seat. You can buy this mixture from Frostline Kits, Dept. HG060, Frostline Circle, Denver, Colo. 80241: Ask Frostline for its "raw materials price list." Open cushion at side (one partition at a time), insert closed stuffing packet, open packet, squeeze out stuffing, sew up.

For more furniture face-lifts, turn the page

ntique or period furniture should be treated only by a professional furni- re restorer with special training, as amateur treatment can significantly educe its resale value. The treatments here are not recommended for use furniture of significant value—but they can help make ordinary furniture ore serviceable and attractive.

INGENIOUS WAYS TO MAKE YOUR LIFE EASIER

Furniture Face-Lifts

Almost-instant makeovers

"Open up" a dark bookcase by painting the inside the color of the wall behind. Or, if shelves are removable, "slipcover" inside back: Take out shelves, cut cardboard to fit inside back, wrap it in fabric, slip it into the bookcase, and replace shelves.

Lend a wood-legged wing chair a library look: Outline the edge of the upholstery with decorative tacks. If chair's been reupholstered several times, use old empty tack holes, as making new ones may split the wood. Tacks can add pattern to old trunks, too.

Camouflage a worn leather desktop by sponge-painting it with quick-drying, water-thinned acrylics, as expert Luis Molina does: Strip any old wax or oil by wiping leather with a bit of benzine (flammable! ventilate room!). Since acrylics dry much darker and rougher than they look wet, practice on leather-color paper first. Using *small* sponge, dab on lightest color first, then medium, then darkest. Then do same on leather, keeping liquid away from its edges. Use tiny brush to apply finish around any gold tooling, which may be touched up with a "gold leaf effect" paint such as that made by Selected Paints of Lynbrook, N.Y. When dry, seal with flat or satin polyurethane. "Age" finish by applying wax to which you've added a bit of powdered rottenstone. For advice on *replacing* leather, see our October 1978 issue, pages 50 and 52.

Urbane renewals

The best way to polish brass hardware is to take it off the furniture first. If you can't, the safest polish is a bit of toothpaste on a cotton swab. Polish highlights, not edges. Buff at once with a dry cotton cloth. ● *Quick finish for raw wood: Sand it smooth with fine #4/0 steel wool. Dust. If grain has been raised, use wood filler. Press fingernail into wood; only if it makes an indentation preseal with interior-grade tung oil finish, let stand 24 hours. Do drawers, slots, bottom, back, too. Wipe on wiping stain, a no-drip gel available in various wood tones—you can blend tones, too. Apply it a bit darker than you'd like, wait a few minutes, then rub with the grain with a cotton cloth till desired lightness is obtained. When dry, seal with tung oil finish.* ● *To seal outdoor furniture of unvarnished wood, take it apart (label fasteners!) and coat* all *wood areas with good spar varnish. Let dry between coats. Give "feet," other end-grain spots 5 coats. Reassemble. To clean finish, hose it down regularly. From Homer Formby, maker of tung oil finish, wiping stain, and other products.*

For children's rooms

Frost a painted chair with paper doilies: Pencil-dot chair where you want each doily to go. Mix a little Elmer's Glue-All with a few drops of water. With sponge-brush, spread thinned glue where first (largest) doily will be placed. Lay doily over glue, gently brushing it with glue to saturate it. Firmly press down doily with damp sponge (don't rub). Repeat for other doilies; all will dry translucent. Seal with 5 coats of polyurethane, with a day's drying time between coats. Sand out any sealer granules with *finest*-grit sandpaper. Wax. From *New Ideas For Old Furniture* by Leslie Linsley (to be published in late May by Lippincott & Crowell).

Paint a rainbow down a chest of drawers: Use a different color—red, orange, yellow, green, blue, violet—for each drawer front or row of drawers. Paint the chest itself white.

Freshen up an end table with a country twist: Hang table-height tie-back "curtains" inside each pair of table legs, as designer James Ruddock has done.

Making do

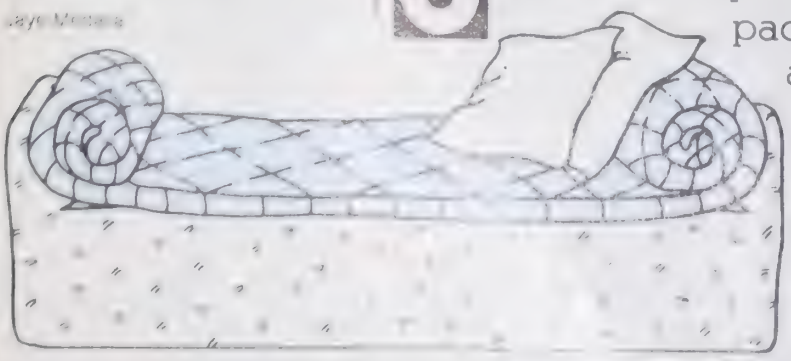
If you have a bright orange-painted chest and the color doesn't fit in a decorating scheme, think twice before you paint it *all* over. It might make a good undercoat for an antiqued black finish. Test topcoat for compatibility, in small hidden spot first. Use feathery brush-strokes to add on the black, working from the center out and making the edges darker than the center. For other undercoat and topcoat combinations, visit a paint store and see how a maker of antiquing stains pairs up colors on its display card.

Two hanging headboards to make: Suspend bolsters by loops from a decorative rod. From Jan Jessup of Calico Corners fabric stores. ● Stretch and staple quilted fabric on wooden artist's stretchers.

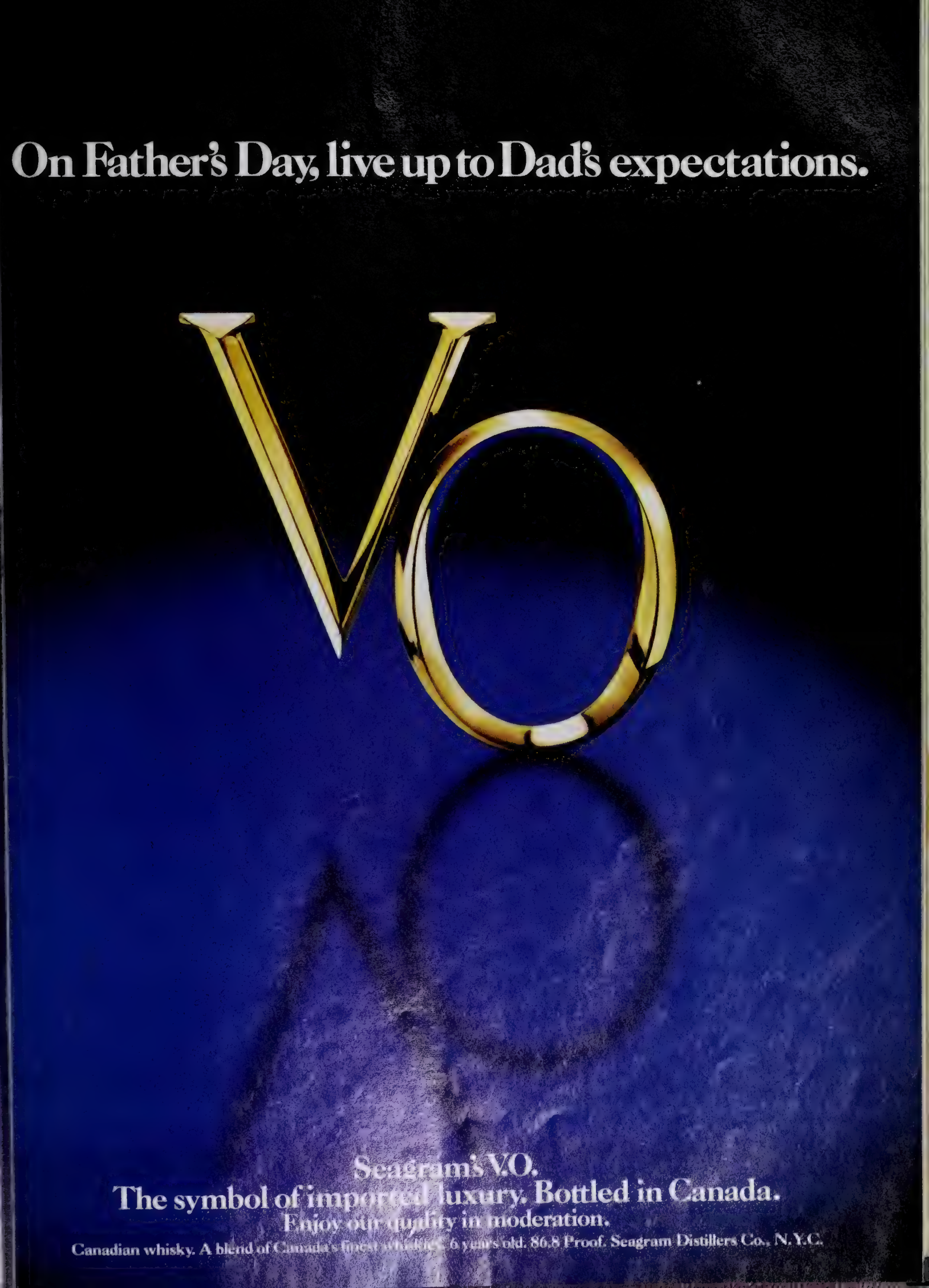
Give a homely bureau personality: *Découpage!* Strip it, paint it white or black, and strew it with delicate cutouts of flowers and butterflies. Or beige, with découpage seashells. A paperback to send for: *Step By Step Découpage* by Dee Davis and Dee Frankel, $3.50 ppd. from Adventures in Crafts, 218 East 81st St., New York, N.Y. 10028 (catalogue of supplies, $1 extra). ● *Or stencil!* Embellish it with Pennsylvania Dutch birds, berries, and blossoms, from a precut stencil kit from Adele Bishop, Dept. HG, Dorset, Vt. 05251 (catalogue, $1).

For a make-believe "banquette" that can go along if you move, set armless chairs inside a custom-built, rectangular wooden frame that hides the chair feet and holds the chairs together—as art director Rochelle Udell did.

Soften a contemporary loveseat or twin bed: Lay a seat-depth quilt or packing blanket along it and roll excess at ends toward center to make scrolled "bolsters," as designer John Saladino does.



On Father's Day, live up to Dad's expectations.



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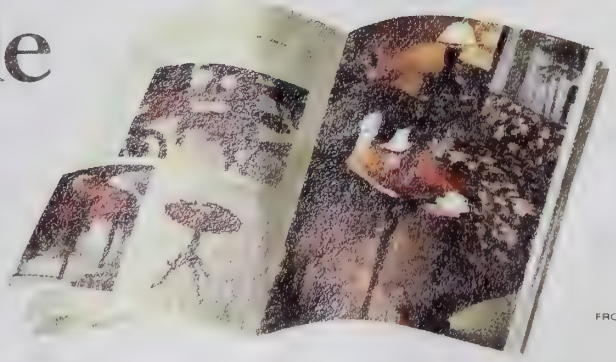

For the Thomasville Mahogany Collection dealer nearest you, turn to page 34.

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LIVING

CONVERTIBLE WALLS, EASY GAS-SAVING TIPS, A SUPER NEW CAMERA, FIRST-RATE FURNITURE KIT, DECORATING WITH POP ART, MAGNIFICENT MINIATURES

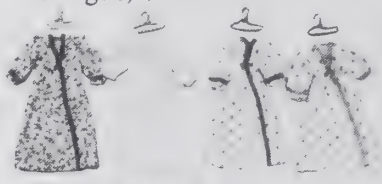
■ Frogman photography

Neither rain, sleet, nor gloom of night can keep this pocket-size camera from taking its appointed photographs. Nor, for that matter, will fresh or salt water at depths of 15 feet. The Minolta Weathermatic-A is a new watertight 110-format camera that you can use virtually everywhere—sailing, swimming, skiing, walking in the rain. (It's just as great on dry, clear days.) The camera's brilliant yellow case floats, so you don't have to worry if you drop it overboard. With built-in flash and simple focusing dials, picture taking is a snap . . . the real trick is saying "cheese" underwater! Accessories include an attachable "Sportsfinder" for underwater shots, plus a neck strap, carrying case, and sportcase. Approximately $160 at camera and sporting-goods stores.

■ Tiny takes over

"In the past ten years, there's been an incredible development in miniature collecting as an adult hobby," notes Peter Dwyer, editor of *Miniature Collector* magazine. He estimates that retail sales in 1978 were as high as $250 million. "Miniatures used to be children's toys: In past centuries they were used to teach girls how to manage a household," he explains.

Times have changed. And the miniatures shown here reveal the craft's refinement: down sleeping bags, crepe de chine sheets, lavender sachets. These are from Vanity Fair Boutique, 715 Willowbrook Road, Boulder, Colo. 80302; catalogue, $1.50.



■ Putting American art in its place

American art has a new home. The country's largest museum is welcoming a new addition this month—The American Wing of The Metropolitan Museum of Art in New York City, whose doors will open on June 11. Though the museum houses the most extensive collection of American art in the world, almost 80 percent of the works could not be exhibited due to lack of space.

The core of the new wing remains the old American wing of the museum. A new three-floor structure has been built around it—along with an enormous glass-enclosed sculpture garden. The project has taken five years to complete. Designed by architects Roche-Dinkeloo, the area will cover 150,000 square feet.

The American wing contains period rooms and galleries for permanent exhibits of sculpture, paintings, and decorative arts from the 17th through the 20th century. Special pieces such as the loggia from the home of Louis Comfort Tiffany, the staircase from the 1893 Stock Exchange, and the facade of an 1823 U.S. Branch Bank will be incorporated into the architecture of the garden court.

FROM MAXI TO MINI

Decorating big, collecting small

Schoen

What's the big idea?

Their looks are real, their size surreal. These Pop Art pieces are ordinary, familiar objects grown gigantic. There's something ultimately comforting about them—they make us little again (remember when you sat in a chair and your feet didn't reach the floor?).

Bob Malkin and Phyllis Prinz of the Pop/Eye Gallery dream up, design, and produce the pieces, authorized by the original manufacturers (like the Crayola crayon or 6-foot #2 Dixon pencil).

Informal, inexpensive art, they're an alternative or a companion to decorating with posters. "It's maximum impact for minimum expense," says Mr. Malkin. (Prices range from $3–$300.)

Uses are boundless—outsized corkscrew on the bar, giant diaper pin on the nursery wall, Paul Bunyan down jacket as a sleeping bag, magnified cup and saucer for fruit or flowers. Invent your own ways to display them, just don't try putting the pencil behind your ear. Pop/Eye Productions, 130 Thompson St., New York, N.Y. 10012.

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LIVING

■ Private revolution at Annapolis

There's a decorating revolution in the Government House in Annapolis, Maryland, and when it's over, seven public rooms will each reflect different periods in the state's history. Because the 1870 mansion has housed a great many residents through its history, there's no coherent decorating scheme. So the Maryland Historical Society, at the request of current residents Governor and Mrs. Hughes, stepped in to help. "There are two basic premises behind the project," says the Society's curator Stiles Colwill. "All furnishings must come from Maryland, and the rooms must be usable. We have a wealth of objects already in the house," he notes, "but it can be difficult to locate the additional pieces we need. Finding a dozen matching 18th-century chairs, for example, is a real challenge."

No public money will be spent for the project: The Friends of Government House, a private group, is responsible for much of the fund-raising. Furnishings are generally lent or donated, or recycled from the house. The 1795 Baltimore Chippendale clock, for example, is on loan from the Historical Society, while some 1820 Empire side chairs were privately donated. In one room, Brunschwig & Fils created fabrics, and additional trims were made by Scalamandré Silks. In another, old curtains are being recycled to cover slip seats and side chairs. So far, two of the rooms have been completed, with a third to be finished this year. Government House is open for tours by appointment only, Tuesdays and Thursdays; (301) 267-8606. For additional information, write Friends of Government House, Box 346, Annapolis, Md. 21404.

■ The heavenly herb

Of all the herbs, none has a name as lovely and peaceful as angelica—Angelica Archangelica, *to be precise.* ▬▬ *Although of long and ancient usage, the herb has almost disappeared from the home garden. But its industrial applications are still plentiful. Used both as a flavoring and in the mysterious art of perfumery, angelica also finds its way into some toothpastes. It even aids in the preparation of hop bitters for beer, and the compounding of cordials such as chartreuse and Benedictine, as well as vermouth and gin. The roots and leaves are processed into teas recommended for the relief of bronchial problems, and, more broadly, as a general tonic. Historically, its medicinal use has been primarily in Germany and the North European countries, but its natural habitat ranges much farther, with some species of angelica being native to New Zealand.* ▬▬ *Angelica is a member of the ubiquitous Umbelliferae—carrots, celery, parsnips, etc.—so all the plant's parts are edible. Its juniperlike taste imparts a special flavor to drinks and jellies. And the candied stalks were long a special treat on the condiment shelves of Europe. Those who wished to avoid the laborious candying process would serve the plant's blanched midribs fresh, like celery, or cooked up as an accent to rhubarb. The roots can be eaten as a vegetable, and the seeds are the source of gelica oil for concentrated flavor.* ▬▬ *A large herb with tropical-appearing foliage, angelica is tolerant and can be grown as a backdrop a little to the side of your windowful of sun-demanding herbs. It likes a very rich potting soil that is never allowed to dry out. Be prepared to footing to a larger pot twice a year—angelica will reach 3 to 5 or more outside.* ▬▬ *Considered a biennial, angel- vinced to grow more or less perennially indoors if the white-to-purple flower heads are pinched off before they develop in the second year. Cut stalks for salad flavoring; new offshoots will develop. These, however, will not be as strong as the original plant, so after a few harvests you'll have to start a new specimen. Available from Logee's, 55 catalogue $2.*

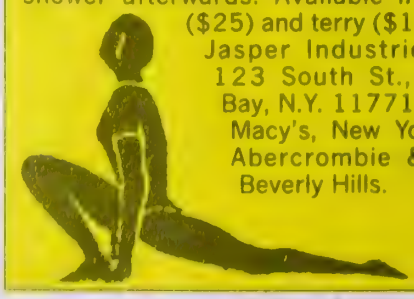
RICHARD LANGER

■ Antique antics

Nobody can *make* an antique. Time is the main ingredient. But if you appreciate the quality of handcrafted 18th-century furniture, why not try your hand at making a reproduction? The Bartley Collection sells over 25 antique reproduction kits. Many of the designs, like this Windsor Chair, have been reproduced from the Henry Ford Museum collection. Each kit comes precut, ready to assemble and finish. You can have hanging cupboards, tray tables, even tilt-top tables. Write the Bartley Collection, Dept. HG8, 747 Oakwood Ave., Lake Forest, Ill. 60045; catalogue, $2.

■ Terry tone-ups

For an easy-to-follow flex and stretch program, take this "Warm-Up Towel" with you to the beach. Or, take it to your living-room floor and follow the 12 illustrated exercises on the towel. Whether you use the program as a prelude to other activities or as a daily exercise routine, you'll always have a towel handy for the shower afterwards. Available in velour ($25) and terry ($11), from Jasper Industries Inc., 123 South St., Oyster Bay, N.Y. 11771. Also at Macy's, New York, and Abercrombie & Fitch, Beverly Hills.



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Surprised? Don't be. It's a Hide-A-Bed® Sofa. Exclusively by Simmons. And Simmons is famous for hiding a bed with style. Simmons is also famous for comfort. Which is why Hide-A-Bed feels like a sofa should feel. Luxuriously rich and comfortable. And when it's a bed, it feels like a bed should feel. Because inside a Hide-A-Bed you'll find something you won't find in any other sofa bed. A Simmons mattress. You'll feel comfortable with your Hide-A-Bed® Sofa for years to come, too, because it's backed by Simmons reputation for high quality craftsmanship and construction. And that, perhaps, is the most comforting thought of all.

The Chadwick

Hide-A-Bed by
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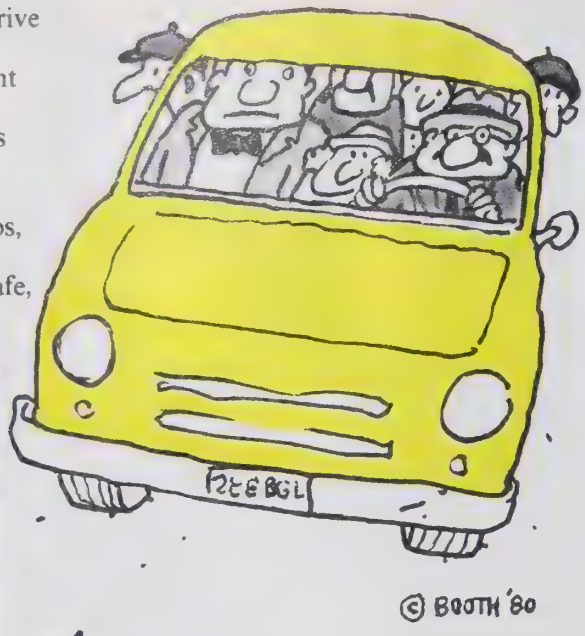
ONLY 6 mg tar

Tanks for the advice!

If you plan to use your car this summer vacation, consider the "Drive for Conservation" program—you could learn to save up to 30 percent on gasoline. The program is a traveling educational exhibit that is stopping in 125 cities across the country. It consists of a four-part demonstration on energy-saving tips, with a television presentation, live demonstration, and literature on safe, energy-efficient driving.



Some of the quick tips

- Combine short trips whenever possible.
- Accelerate slowly—avoid sudden stops and starts.
- If you idle for more than a minute, save fuel by turning off the engine and starting it up again.
- Keep highway speeds to 50–55 miles per hour—you'll use up to 20 percent less gasoline than you would at 70 miles per hour.
- Make sure that your car is in good shape—treat it to regular maintenance checkups.

The Drive for Conservation will continue through 1980. Check local newspapers for its arrival in your area, or write THE DRIVE, P.O. Box 30181, Los Angeles, Calif. 90030, for a schedule of the tour.

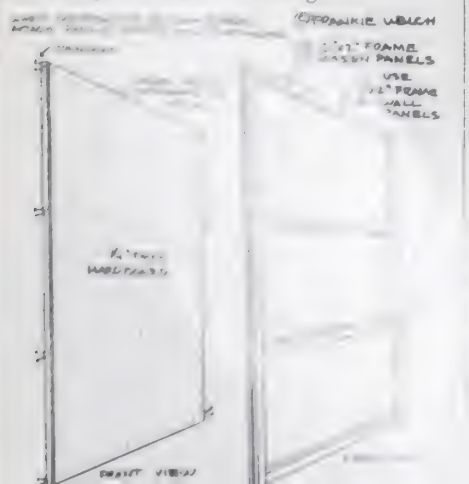
Walls to go

Imagine rearranging your walls or taking them along with you when you move. Fabric designer Frankie Welch has figured out a way to do this—fabric-covered wallboards. You can use them as beautiful folding screens, or hang them directly on an old wall for a brand-new wall.

She came up with the idea when she moved to her new Washington, D.C., apartment. "I wanted to bring in my favorite colors—mauves, peaches, steel grays. But often if you're renting, you can't paint or wallpaper unless you later change the walls back to their original condition. With these panels, I can decorate as I please, actually protect the original walls. And, if ever I move, I can set up the panels in a new room in a matter of two or three hours!"

How to make a wall panel:

Decide how large a panel you need. Make a frame with 2-by-2-inch lumber (for screens) or 1-by-2-inch lumber (for wall panels) and tack ¼-inch hardboard to it. Attach polyester fluff or cotton batting with spots of glue on the hardboard, use contact cement along edges. Stretch fabric over panel and staple at back of frame. With picture hooks attached to frame back, panel can be hung on wall with just two or three picture hangers, depending on its size and weight.



LIVING

What's happening where

- Museum of Modern Art:
  PABLO PICASSO: A RETROSPECTIVE
  May 1–September 16
  Museum-wide show, featuring many works never before shown in the U.S. New York, N.Y.
- Cincinnati Art Museum
  THE FOLGER'S COFFEE SILVER COLLECTION OF ANTIQUE ENGLISH COFFEE POTS AND ACCESSORIES
  May 30–September 7
  173 pieces of 18th- and 19th-century silver. Cincinnati, Ohio.
- Museum of Fine Art, Houston
  BOOKBINDING: A LIVING ART
  June 11–September 7
  Exploration of the craft, from the 16th – 20th centuries, with original handbound books. Houston, Tex.
- The Cleveland Museum of Art:
  5,000 YEARS OF KOREAN ART
  June 11–August 10
  345 objects covering all aspects of Korean art. Cleveland, Ohio.
- Coe Kerr Gallery
  JOHN SINGER SARGEANT: HIS OWN WORK
  May 27–June 27
  45 paintings gathered from private collections and museums, to benefit opening of the new American Wing at Metropolitan Museum. New York, N.Y.

Hair care goes to the dogs

When you see your dog panting in the summer heat, it might occur to you to shave off his fur coat and let him wear just his skin. Then he'd be a lot cooler and more comfortable, right? Wrong. First, you'd expose him to sunburn, ticks, and mosquito bites. Second, his coat serves to insulate him from heat as well as cold. However, his coat does need some special care in summer, particularly if he goes swimming. After a swim in salt or chlorinated water, all dogs except perhaps the dense-coated breeds such as retrievers and huskies should be rinsed in clear water, because the salt or chemicals will irritate their skin and leave their coats sticky. Excessive bathing is not a good idea, however, even in summer. A once-a-month bath with a good tearless protein shampoo is sufficient. Brush the animal first, not after; rinse and dry thoroughly; and keep your pet out of a draft from breeze or air conditioner for a few hours. Between baths, a daily brushing and combing should keep your dog's coat in good shape all summer.

PATRICIA CURTIS

(Look for Patricia Curtis's new book *Animal Rights: Stories of People who Defend the Rights of Animals*, Four Winds Press, $8.95.)

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where Grand Marnier isn't offered after dinner.

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Like so many other people, you're no doubt aware that the La-Z-Boy® Chair Company builds some of the world's most downright comfortable reclining chairs. But chances are excellent that you're not aware of this: We build some of the world's most beautiful pieces of furniture as well. If that's the case, a visit to one of the thousands of La-Z-Boy dealers across the United States and Canada is certainly in order.

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In addition to tucking neatly near the wall, it's the smoothest, most innovative approach to total comfort since chairs began to move. We wager you'll agree in just one sitting.

Downright beautiful thought, isn't it? A full line of furniture comfortable enough to merit the La-Z-Boy brand name yet elegant enough to become upright members of any room in your home. And every one of these beautiful products is built to support the legendary La-Z-Boy reputation for craftsmanship and dependability. When you think of it, that's the most beautiful thought of all.

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Comfort that fits your style.

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BY PAULA RICE JACKSON

How to stay in shape, naturally

Just by thinking through your everyday motions, you can get all the exercise you need

Sometimes it seems there are barely enough hours in the day to do all the things you must, let alone all the things you'd like to do. Consider the matter of exercise. You know that a regular program of workouts provides you such benefits as more energy, better stamina, weight control, deeper relaxation, and the will to keep to an active schedule. You know that as a mature adult your heart and lungs need a vigorous aerobic workout at least once a day. However you find it is difficult to set aside a specific portion of your day to devote to a program of exercise.

Is there a solution? "Yes, of course there is," says corrective exercise instructor Gail Pudaloff, who runs her own fitness studio in New York City called Kinetics (see House & Garden, January 1979). You can get the toning and the conditioning your body needs by taking advantage of the Mobile Moments your days and evenings naturally contain. You walk, you climb stairs, you lift packages, you bend and curl and twist hundreds of times during the day without giving the movements a moment's thought. *Give your actions a moment's thought to improve the quality of the exercise you're getting as a matter of course.* Though regular exercise is an essential factor to looking and feeling your best, you can make many of your ordinary movements count by thinking more often about what it is that you are doing in literally any situation."

If you have to carry heavy bags any distance, distribute the weight evenly and press down from the shoulders as you walk.

Make the most of your natural momentum

● How to get the most from reaching: The muscles that run down the sides of your torso, hips, and legs are the longest muscles in your body. Fortunately these muscles also respond very quickly, so you'll be rewarded almost at once by a toning stretch. Take advantage of all the efforts you make to reach or twist to lengthen these axial muscles. Pull from out of the hip; use your waist to stabilize your torso while your arms are reaching up or out.

Edward Oleksak

Reaching and stretching to your utmost assures waist, arms, and hips a toning, trimming workout. Hips stabilize the torso.

● How to get the most from lifting: Keep your back straight and bend from the knees until the object you wish to carry is level with your rib cage. Embrace the package with your arms and lift yourself while hugging the additional weight to your chest. The movement feels effortless because your hips provide the lift for the heavy object. Your arms and shoulders assist your torso to carry the package gracefully. Walk with the weight close to the body.

● How to get the most from carrying balanced weights: Avoid overloading shopping bags. Use your shoulders by pressing down as you walk. Your neck muscles get a gentle stretch when shoulders are firm and pressed low. Keep your arms straight, and occasionally lift each object to flex the biceps.

● How to get the most from getting out of a chair: Every time you rise from a car seat, chair, or sofa you have a chance to strengthen the muscles around your hip joints. Center your weight in the small of your back, bring one heel back, and lift off. The lift from the heel propels you forward. The forward thigh takes the weight from your back. Tuck in your lower spine as you rise to restore balance in the fulcrum of your body—the hip joints and pelvis. Control of your speed is the key to maximum results.

● How to get the most from your morning stretch: A simple neck roll prepares the spine and shoulders [illegible] for the first activities of your day. While still in bed, stretch both legs straight out, flex heels, and release. Drop your head forward and [illegible] to side, trying to touch your shoulder with your ear. [illegible] drop back of your head toward the nape of neck. Place both [illegible] nape and gently press forward to encourage spine and back [illegible] and stretch before rising.

Take a little time out each day to assess your body's basic actions

SITTING: To tone up the stomach muscles, press hands into the arm or seat of the chair, straighten your elbows, and lift yourself up and down, keeping your back straight and your shoulders relaxed. Breathe comfortably. If you're sitting for a long period of time, place a small pillow behind your back to relieve the pressure on your lower back.

STANDING: To relieve a tired back while standing for long periods of time, stand up straight by extending through the neck, and pull in abdominal muscles. Tuck the pelvis under and hold in your stomach muscles for a few seconds. Repeat this as often as it feels comfortable for you.

WALKING: Keep your steps at a fairly short distance apart, and avoid jerky movements. The foot/toe angle should be fairly parallel—this provides better movements at the hip joints and exercises the sides of upper thighs.

BENDING: When bending down or bending over, never lock your knees—flex them, along with your hips, and don't let your back arch. When coming up, push your heels into the ground and lift yourself up through the thigh and stomach muscles.

FOR WRISTS AND HANDS: Make general circular movements with the wrists and hands clockwise and counterclockwise. Then take each finger and gently pull back, away from the palm, stretching and holding each one for a few

Continued on page 33

INTRODUCING DIETAC.™

IT GIVES YOUR DIET A FIGHTING CHANCE.

If you're trying to lose weight these days, you're not alone. Over 40 million Americans went on a diet last year. The problem was they usually didn't stay on it.

Well now the makers of Contac® are introducing Dietac, a new line of diet aids—timed-release capsules, pre-meal drops and tablets—that help you control your appetite, so you can stick to your diet.

Clinically proven safe and effective.

If you've shied away from taking diet aids in the past, you'll be happy to learn about new Dietac. Its key ingredient is an appetite suppressant called phenylpropanolamine. This ingredient has been found safe and effective in years of clinical testing. And it recently received the endorsement of a U.S. Government Advisory Review Panel.

12-hour timed-release capsule.

No one knows more about timed-release capsules than we do. We introduced the first 12-hour cold capsule, Contac. Now we've put our experience and know-how into new 12-hour Dietac.

One Dietac capsule after breakfast helps you control your appetite all day. And makes it easier for you to really stick to your diet.

Maximum-strength pre-meal drops or tablets.

Just 5 Dietac drops in a hot or cold beverage, half an hour before each meal, help you feel less hungry. These drops are caffeine-free, so you can use them in such beverages as coffee, tea or cola.

Or you can take one Dietac tablet 30 minutes before each meal. It effectively helps curb your appetite, so you can eat less. The tablets are also caffeine-free.

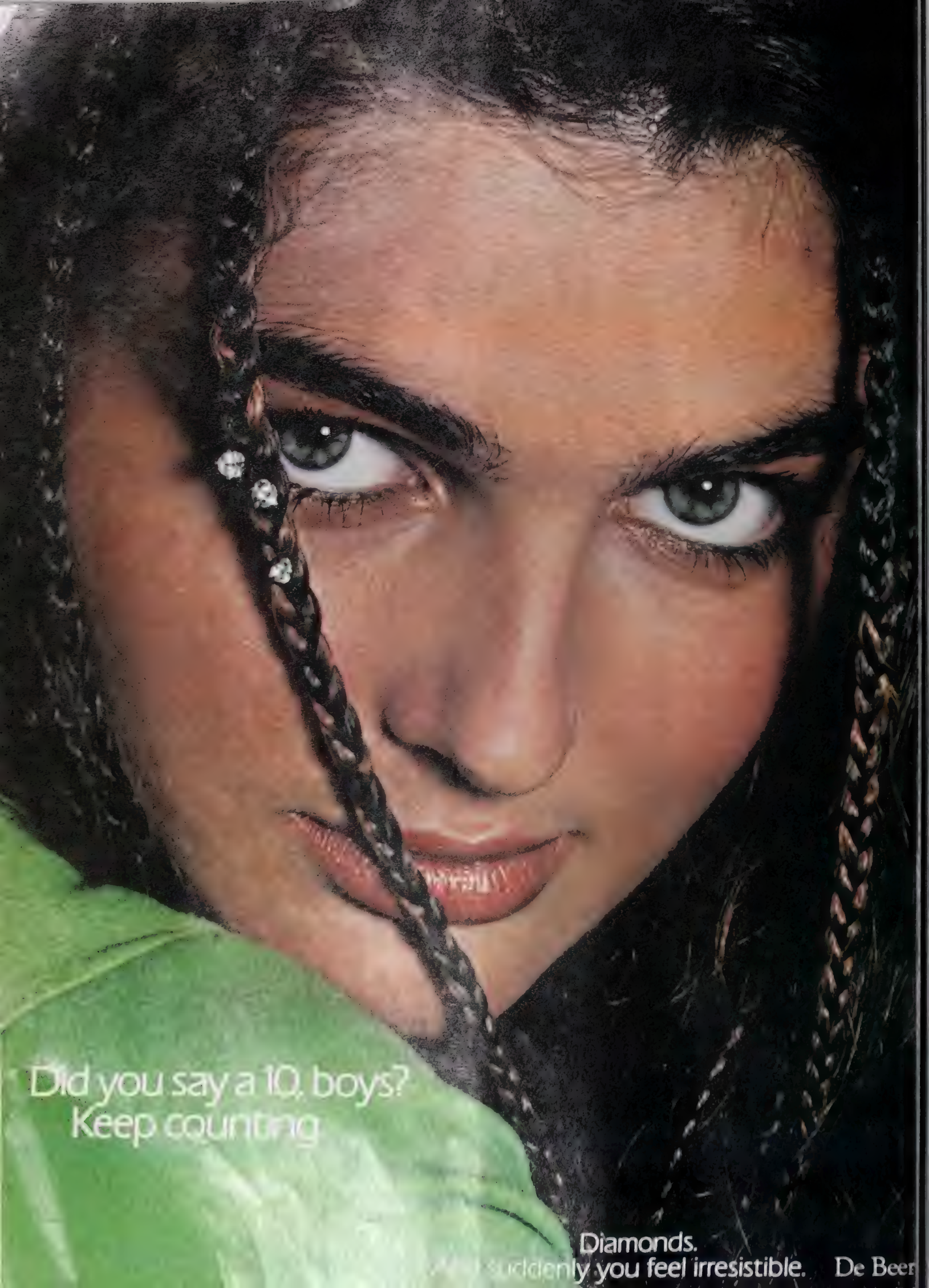
Dietac could help you change your eating habits.

With the help of Dietac, you can develop more sensible eating habits. Like eating lighter. And avoiding the snacks, desserts and other things that made you go on a diet in the first place.

Then, once you've lost those extra pounds, these new habits can help you stay at your desired weight.

Read label and follow directions. ©SmithKline 1980

DIETAC. THE NEW DIET AIDS FROM THE MAKERS OF CONTAC.


Did you say a 10, boys?
Keep counting
Diamonds.
Suddenly you feel irresistible.
De Beer

continued from page 30

seconds. Do this for both hands, then finish by shaking them out vigorously.

FOR SHOULDERS AND NECK: To release tension, try this "passive" exercise: Balance your head in the center of shoulders, close your eyes, and think peaceful thoughts. Imagine that water is rushing from the tip of your ear, down your neck and arm, out to your fingers. Repeat this 4–5 times for each side. For an "active" exercise, slowly dip your right ear to your right shoulder. Pulse your head to the right a few times, then let it hang. Lift up and over to the left side and repeat. Reminder: When carrying a shoulder bag, shift it occasionally from one side to the other to avoid stress.

AT YOUR DESK: For a tired neck and middle back, press your feet against the floor, your hands against the desk. With a rounded spine, push against the desk, as if to push it away. You'll be creating a "C" curve. Hang your head forward to give a full middle/upper torso stretch.

AT THE END OF THE DAY: For tired legs, lie down flat on your back with a small pillow under your head. Raise your legs slightly and shake them vigorously until they tingle. Then rest your legs against an incline (a wall, for example).

Beauty and health products new this month in the stores

There's nothing like a reward system to spur you on toward whatever your goals may be. If one of your goals happens to be to firm and trim your body, your reward comes in a trio of guises—all pleasurable, all helpful. A new body-care system, **Méthode Jeanne Piaubert de Lancôme**, introduced this spring, divides body care into three separate phases: contouring, smoothing, and revitalizing. Each system has its own tools and its own products: soaps, creams, and brisk-smelling gels. *You* decide what you want your body-care program to do. If you want to begin a reshaping program, you must consider your circulation. "Méthode Contour" has its own hard-latex, hand-held disk that you use every day to increase circulation in the skin of your legs, hips, and triceps (the flabby part of your underarm). If a smoother, more glowing skin is your aim, try "Méthode Satine." This regimen concentrates on sloughing off surface cells and then polishing your skin. The tool is a natural-bristle brush woven in two textures. Preceding the rubdown, you use a unique dry spray oil. What if you want more get-up-and-go from your body-care system? "Méthode Energenics" employs products to revitalize and renew your sense of well-being. A long-handled brush helps you give yourself a thorough scrub from head to toe. Then follow through with a refreshing, smoothing body cream that's lightly scented.

Jeanne Piaubert is the 86-year-old clinician who invented this system and who lives in Paris, where she directs some 200 salons in which her system is practiced. It's available for the first time in America through *Lancôme*. The sets are also broken into sections, so you can use the parts you like individually. Méthode Contour, $42.50; Méthode Satine, $57.50; Méthode Energenics, $47.50. You'll find them at fine department stores across the country.

Flora Danica is the name of an exquisite collection made by Denmark's Royal Copenhagen Porcelain Manufactory. The pattern was first presented by King Christian VII of Denmark to Empress Catherine II of Russia as a symbol of his regard for her. This spring, the creators of a well-known men's fragrance, "Royal Copenhagen," will bring a perfume, named **Flora Danica** after the famous porcelain, to America. It's a haunting floral, containing 280 flowers indigenous to Denmark—such as white lily, jasmine, iris, carnation, lilac, rose. The perfume flacon is handpainted with a spray of flowers, each one different; $110 an ounce down to $20 for 2 ounces of cologne. In a spray, ⅕ ounce is $30. Look for it at perfume counters in fine department stores across the country.

This summer, beauty salons, sporting-goods and pool-supply stores will be carrying a new anti-chlorine shampoo and body soap called **Ultraswim** by *Eljenn International*. The products have been tested by dermatologists at the Harvard Medical School and they are hypo-allergenic. They really eliminate the chlorine from your skin and scalp—not simply mask the chlorine aroma. A large bottle of shampoo is $5.50; the hefty soap, $1.75. If you can't find these products in time for your summer swimming, write Eljenn International Corp., Box 7236, Dept. H&G, Watertown, Mass. 02172.

PAULA RICE JACKSON

Your fragrance handbook

The manufacture of fine perfume begins with the extraction of essential oils from flowers and other aromatic plant material. One process mixes the flowers with a volatile solvent which absorbs the scented oils, then evaporates leaving a residue. This substance, a mixture of vegetal wax and fragrance elements, is known as the *concrète*. The wax is broken down by alcohol. What remains is called *absolue de concrète*—the purest, strongest perfume concentrate, and the most costly.

The sign: Gemini
Circa: May 21-June 21
Parfums Hermès blends prime absolute oils to create **Amazone,** a marvelous fragrance for inventive, restless Geminis. The genial and sociable Gemini male is sure to like **Lacoste Eau de Toilette.**

MARIA REACHI

Carolina Mirror has 168 ways to give your living room or any room, the most personal touch of all. Yourself. For a free brochure and the name of the Carolina Mirror dealer nearest you, write us at the address below.

CAROLINA MIRROR CORPORATION
North Wilkesboro, N.C. 28659

See the Thomasville Mahogany Collection at these stores:

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[illegible]
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1061 New Britain Ave
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[illegible]
1650 Boston Post Road
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Terryville Furniture Store
83 Main Street
NEW JERSEY
[illegible]
Huffman Koos Co
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E BRUNSWICK
Huffman Koos Co
Route 18
CAMDEN
J B Van Sciver Co
Delaware & Federal Streets
[illegible]
Abraham & Straus
[illegible]
Route 35 & Eatontown Circle
Huffman Koos Co
Route 35 Circle
FREEHOLD
Huffman Koos Co
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GLASSBORO
Robert I Weir Furniture
Route #4[illegible]
N HACKENSACK
Huffman Koos Co
Route 4 & Main Street
HANOVER
E A Kirch & Co
Route #10
LAWRENCEVILLE
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Huffman Koos Co
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RAHWAY
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Granetz Furniture Co
Rt #206
SPRINGFIELD
Huffman Koos Co
Route 24 & Morris Ave
TOTOWA
Huffman Koos Co
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VINELAND
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Abraham & Straus
Woodbridge Center
NEW YORK
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West Montauk Highway
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Nelson Ellis
Route 7
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HEMPSTEAD
Abraham & Straus
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HUNTINGTON
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DBA Town & Country Furniture
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65 South Moger Ave
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151 Herald Square
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749 Monroe Ave
SMITHHAVEN
Abraham & Straus
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Colonial Smithtown
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STE ROSALIE
Germain Lanviere
[illegible]

Thomasville
[illegible] Armstrong

ANTIQUES

Questions & answers. By Louise Ade Boger

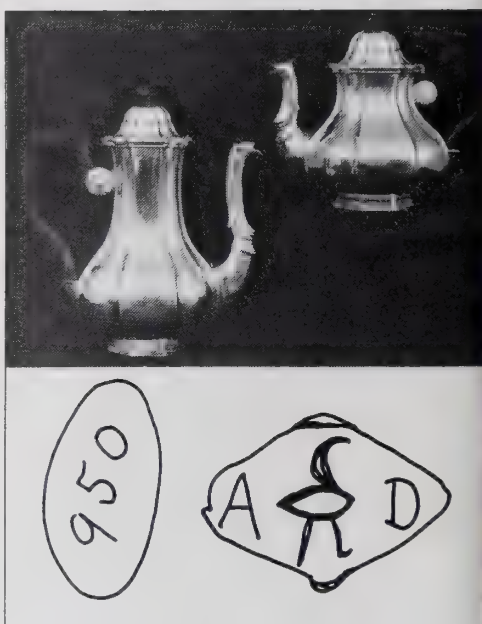
Italian credenza

I would appreciate any information you may have about the style or origin of this cabinet. —*J.L., Encino, Calif.*

The popular and useful credenzina (or small credenza) was a distinctive piece of 16th-century Italian Renaissance furniture. Essentially, the credenzina was similar in form and decoration to the credenza and frequently resembled in appearance one section of it. Your example is of more recent, probably Italian, manufacture.

Queen Anne silver

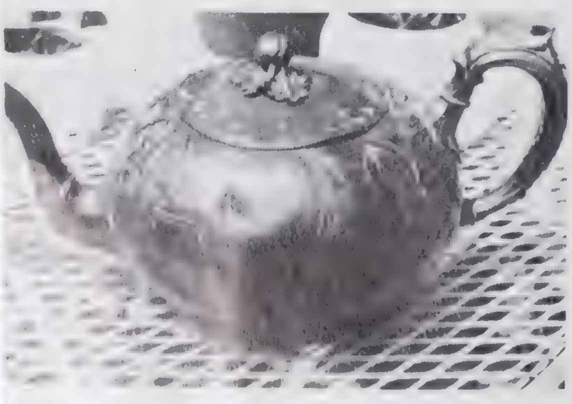
I would like to know something about the style and background of my tea set, the mark on which I've drawn for you. —*J.N.L., Round Rock, Tex.*



The purity standard of your four-piece tea set of notably pleasing line and proportion is 950 (our sterling standard is 925 parts pure silver per 1,000 parts). It is of French manufacture, probably dating about 1875. The body and cover, pear-shaped in outline and octagonal in plan, and the applied and cast spout shaped like a swan's neck proclaim its stylistic origin—18th-century Queen Anne silver. The cast and applied rosette-shaped sockets into which are fitted the flat-arched wooden handle are a felicitous, but later, innovation.

Brittania teapot

I would like to know something about the background of this unusual pewter teapot. —*W.T.D., Greenville, S.C.*



Your Britannia or pewter teapot with a globular body, a neatly hinged lid completing the globular outline without a break, a cast C-scrolled handle and duck-neck–shaped spout ornamented with flutes, is of English, probably mid-19th-century, manufacture. From early in the first quarter of the 18th century to nearly the end of the third, the globular teapot was favored in English sterling silver.

Continued on page 39

Two great naturals together for the first time. Leroux Coffee Amaretto.

The Leroux Toasted Almond.
Mix 1½ oz. Coffee Amaretto,
1½ oz. milk,
shake with ice.
Delicious!

Only Leroux has this great new combination. The elegant taste of amaretto enhanced with just the right amount of coffee. And it's delicious. Naturally. Because it's Leroux. Once you've tasted Leroux International Liqueurs, no other liqueurs will do.

Leroux International Liqueurs

Another of our 52 naturals from France, Italy, U.S., Austria, and Denmark.

For free recipes, write General Wine & Spirits, Box 1645, FDR Station, N.Y., N.Y. 10022.

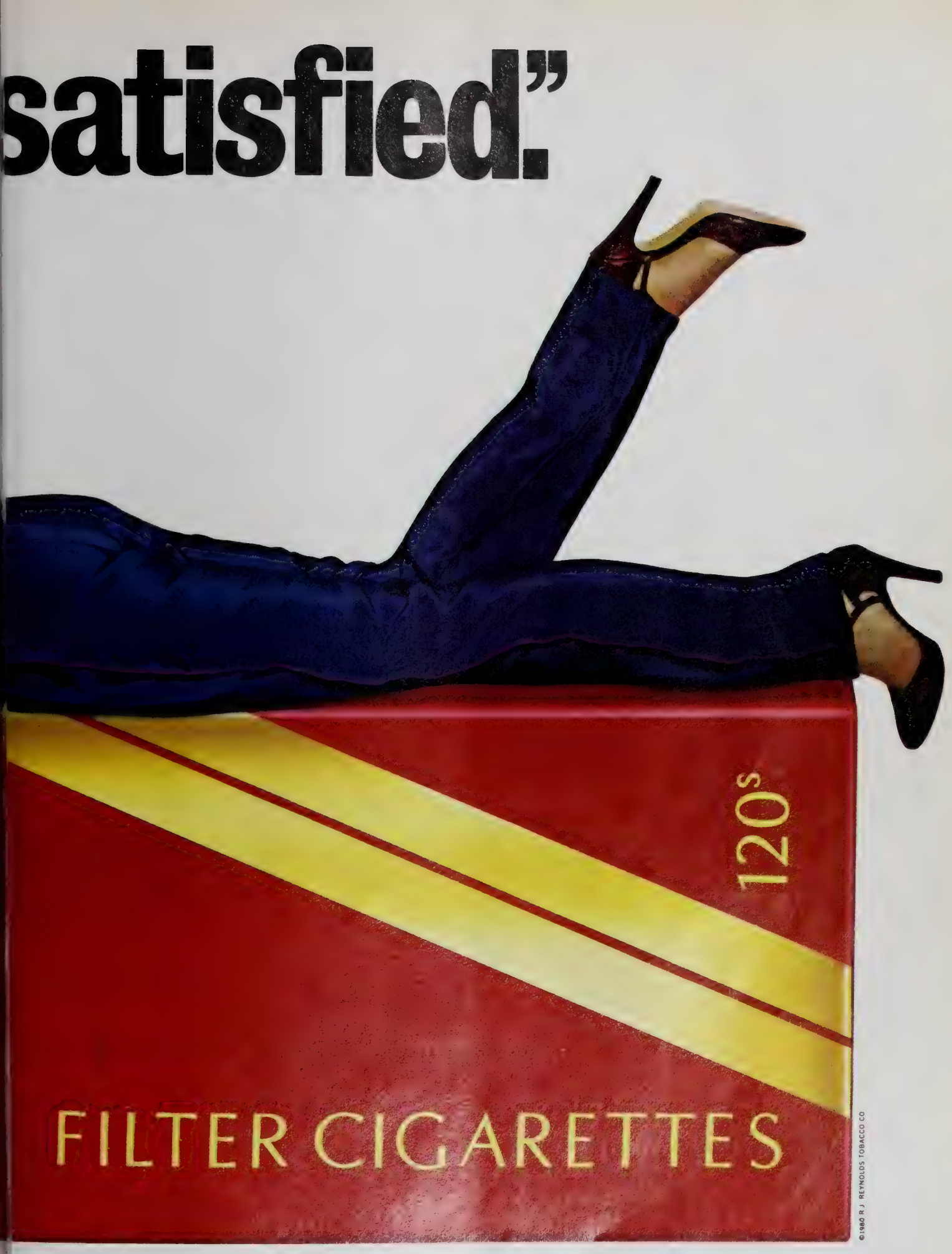
"I'm Mores

"More has more of what I smoke for. Great taste. *Satisfying* taste. And at 120mm, More makes that taste last longer. For extra satisfaction.

"More's long on style, too. Tall and slim. Sure I'm satisfied. With More."

More. For that extra measure of satisfaction.

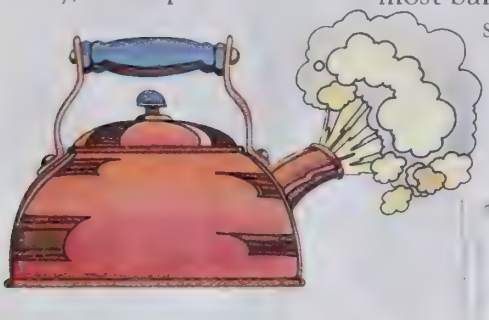
21 mg. "tar", 1.8 mg. nicotine av. per cigarette by FTC method.



Warning: The Surgeon General Has Determined That Cigarette Smoking Is Dangerous to Your Health.

Thermador/Waste King Thinks You Shouldn't Have To Burn Money To Heat Water.

Do you have to turn your hot water heater up to 150° or higher to get dishes clean in your dishwasher? A while ago, that was cheap to do. Today, it's expensive.



Now there's the Steam Machine. It heats its own water.

Its new steam cycle only needs 120° water. Your hot water heater may be set lower, and the steam cycle will still wash your dishes in the hot temperatures they require.

All Thermador/Waste King Steam Machine models have a thick coat of insulation sprayed on. Over this goes a ½" thick fiberglass blanket. This double insulation helps retain heat in the dishwasher. That saves energy.

The cleaning power of steam.

Only Thermador/Waste King Dishwashers have the steam cycle. It moistens and loosens most baked-on foods so that when the wash cycle comes on, the food's ready to go.

The durability of stainless steel.

Only Thermador/Waste King Dishwashers have tanks made of stainless steel—the same material normally found only in commercial dishwashers.

The convenience of a timer.

The Electronic Delay Start timer on models SS989 and TD121 lets you delay the operation of your dishwasher to avoid peak energy hours.

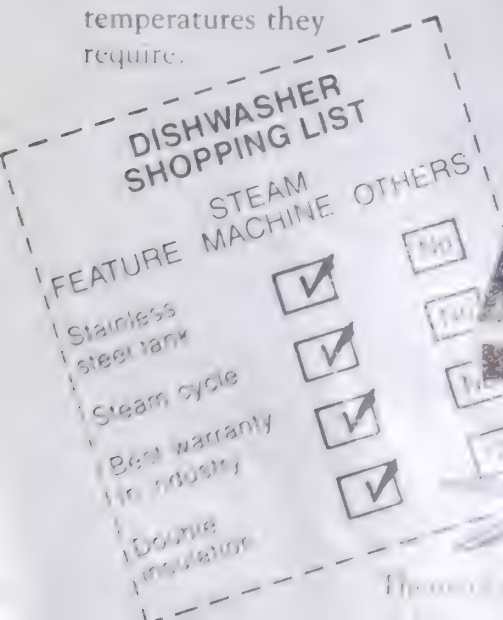
The best dishwasher warranty available.

We think you should have confidence in your dishwasher. With a Thermador/Waste King Dishwasher, you will.

STAINLESS STEEL

It comes with the best warranty in the industry: A full one year warranty plus a 19-year limited warranty (parts only) on five key components, and a 4-year limited warranty (parts only) on six other key components.

When you shop for your next dishwasher, get your money's worth. Get a Thermador/Waste King.



The Steam Machine™

by **Thermador/Waste King**

For information and complete warranty details, contact your dealer or write: Thermador/Waste King, 5119 District Blvd., Los Angeles, CA 90040, (213) 562-1133, Dept. B

continued from page 34

Staffordshire spaniels

We believe these porcelain dogs are old. Can you verify this? —M.A., Punta Gorda, Fla.

Examples of this model of the everlastingly-popular Staffordshire spaniels, which are to be found in differing sizes and styles of decoration, were probably first made after 1860. They can, however, be of very recent manufacture. Incidentally, a reclining version of this standard Staffordshire spaniel is rare.

Bone china

From the mark, can you tell me when and where my china was made? I am told it is bone china. What does this mean?
N.H., Midland, Tex.

The English Staffordshire potters Cartwright & Edwards introduced the mark on your bone-china cup and saucer in 1929 at their Victoria works.

About 1789, the first Josiah Spode (1733–1797) supposedly produced the original bone china, which was to become the standard body for English porcelain early in the 19th century. Today, fine English porcelain is widely called bone china although the name has only been adopted in the 20th century. The ash of calcined bones, an ingredient in its porcelain composition of china clay and china stone, was used at the Bow porcelain factory in the 1740s. However, Spode's new lead-glazed porcelain of the 1790s—a modified form of the original Bow formula—contained no less than 50 percent bone ash, with 25 percent china clay and 25 percent china stone. Practical in manufacture and use, and agreeably translucent, this compact body offered a fine white surface for decoration in all styles. These virtues attracted Staffordshire potters, and as the 19th century advanced, Staffordshire achieved a progressively dominant place in the industry.

Beatrice Cenci portrait

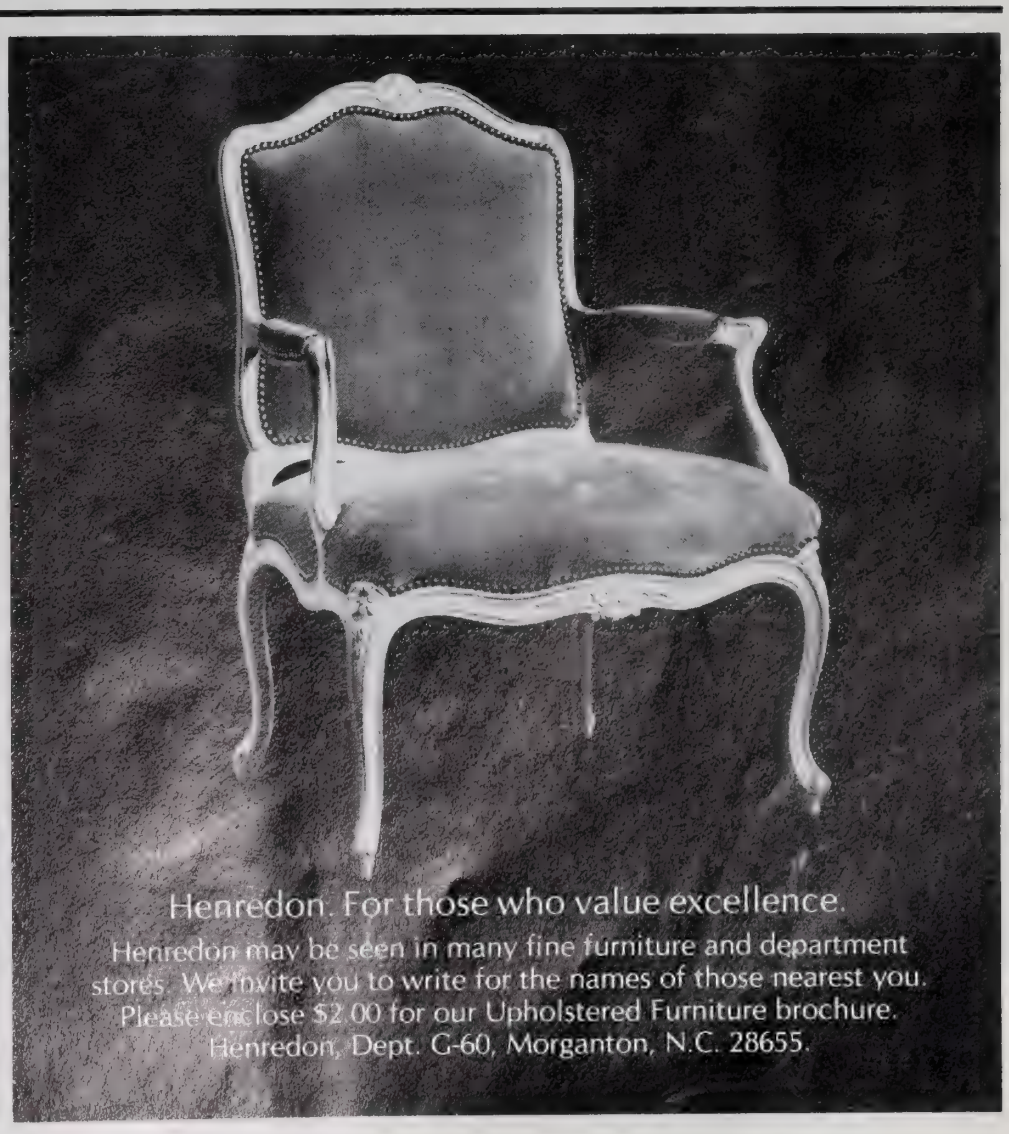
My grandfather bought this painting many years ago and I know nothing about it at all. Can you identify the artist or the subject matter?
—M.H., London, Ontario, Canada

In the Barberini Gallery in Rome, there is a marvelous portrait which has been supposed to represent Beatrice Cenci, a noble Roman maiden executed in 1599 for parricide. This picture has been attributed to Guidi Reni (1575–1642), a prime master in the Bolognese School. However, it has not been verified. The question of who the lady and the artist were may never be answered. You have one of the innumerable copies which have been scattered throughout the world.

Turn-of-the-century pitcher

I would appreciate any information you can give me about my china pitcher. I've copied the mark for you.
—W.A.P., Pisgah Forest, N.C.

The Staffordshire potters Dunn, Bennett & Co. (Ltd.), who have been active since 1875, made your semi-china pitcher some time after 1890 and probably before 1907, about which time "Ltd." was added to the mark. "Florence" is the name of the pattern appearing on your pitcher.



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The world can be rough enough, but your bed shouldn't be. That's why you deserve the softest, smoothest and finest of bed linens: Wamsutta Supercales.® Since 1849 we have made these luxurious sheets only of 100% cotton, combed to a heathery softness and woven a silky 200 threads to the inch.

They're available in elegantly understated patterns, in cotton white, and an assortment of trims including

Because life is no bed of roses.

Bed linen shown: Scarlatti in pure cotton. Jewelry: Bulgari

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BY ANN O'SHEA

COLLECTING

The ABCs of appraisals

Why, how, and where to find the best appraiser for your important objects

Stanley Knap

American folk art, New York Winter Antiques Show, from David Pottinger, Topeka, Ind.

Collectors of fine art aren't the only ones who occasionally require the services of an appraiser. More and more people investing in antiques and paintings as an inflation hedge are also finding that the best protection for their valuables is to have a current appraisal on hand.

■ Why you need an appraiser

While it is true that a bill of sale can serve as a temporary appraisal whenever a piece is purchased from a reputable dealer or auction house, this will not protect you against increases in value. Also, the existence of a bill of sale can sometimes be questionable (such as with family heirlooms).

Dan O'Shea, a longstanding member of the Appraisers Association of America, advises that "Everyone should have his antiques appraised at least once every two or three years simply because of the dramatic increase in prices. As certain items, such as Oriental rugs and porcelains, become more scarce, the market value of antiques will multiply. For instance, the average price paid for works by the French Impressionists has risen almost 10 times what it was in the 1950s. In the same time period, prices for 19th-century American artists have risen higher because they started from a lower base. Because of such skyrocketing prices, you stand to lose a lot of money if your paintings and antiques are undervalued and you suffer a loss through fire, theft, or damage."

Many times, however, the owner of the property is not the one requesting the appraisal. This request may come from an insurance company regarding a particular policy, from an interested third party in the case of a divorce settlement, or in the area of estate taxes, in which case the appraisal may be required by the Internal Revenue Service or by the executor to determine the amount of taxation. It is thus important to realize that, depending upon the purpose of the appraisal, there may be a decided variance in fair market value.

"Replacement cost" and "fair market value" are terms every serious collector should be familiar with. *Replacement cost* will be the value stated if an appraisal is given for insurance purposes. This reflects the cost a collector would have to pay to find an item of comparable quality to the one being insured, and takes into consideration all markets, foreign and domestic.

Fair market value, on the other hand, is the price at which a property would change hands "between a willing buyer and a willing seller, neither buyer nor seller having any compulsion to buy or sell, and both parties having reasonable knowledge of the relevant facts." This figure is used for tax-deductible donations and federal estate taxes.

In other words, a painting may sell in a gallery for $5,000 and could bring only $2,000 in an estate sale. It is therefore proper to value this piece at $5,000 (replacement cost) for insurance purposes and $2,000 (fair market value) for estate tax purposes. Conversely, if a piece is purchased for $2,000 and later sells for $5,000 at auction, obviously the newer purchase price becomes the fair market value for purposes of insurance. The IRS, in Revenue Procedure 65–19, holds the price obtained at an auction held within a reasonable time of the valuation date determines fair market value.

Since the IRS (or any concerned party) can challenge an appraisal, it is important to get the best possible advice. Rather than go to a "flexible" appraiser who will give you what you want, chose a professional respected for the particular type of appraisal you need. Luckily, there are a number of sources through which an inexperienced layman can obtain the services of a qualified appraiser.

■ Where to find one

The Appraisers Association of America (AAA) is a national organization with its principal office in New York, formed for the purpose of providing standards for ethical conduct for appraisers, and to promote the advancement of skill and the establishment of high standards. The fiduciary duties of an appraiser are as clearly defined as those of a doctor or lawyer. Explains Executive Director Jules Schwimeir, "All of our members must have practiced at least five years to be eligible. They must submit a completed comprehensive application, be sponsored by two other members in good standing who will vouch for the applicant's credibility, and submit samples of various appraisals throughout the country in the areas they claim expertise." The AAA is a good resource for obtaining the names of qualified appraisers throughout the country and their fields of specialization. For a membership directory, send $3 to the Appraisers Association of America, 60 East 42nd St., New York, N.Y. 10017.

Another professional appraisers' organization is the American Society of Appraisers (ASA), whose national headquarters is in Washington, D.C. According to Director Belle Rosenbaum in the New York office, the ASA is a multi-discipline society encompassing every facet of the appraisal business, both commercial (real estate, machinery, equipment, etc.) and fine art. Membership is determined by experience and sponsorship as well as two inclusive exams. A period of five years is required

Continued on page 47

MYERS'S MAKES IT BETTER. Taste how Myers's improves on cola, soda, tonic, fruit juice. Free Recipe Book: Myers's Rum Recipe Book, Dept. HG, P.O. Box 4605, Westbury, New York 11590. Offer expires December 31, 1980.

COLLECTABLES

Drexel presents Et Cetera. Unique conversation pieces to highlight any style.

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Come, visit your Drexel Heritage dealer soon. And kindle your imagination among the special treasures of Et Cetera. For the name and address of your nearest Drexel Heritage dealer, write us at the address below. For Drexel brochures and a room-planning kit, send $2 to: Drexel Heritage Furnishings Inc., Dept. 15-6-80, Drexel, North Carolina 28619.

Drexel We've got your style.

Drexel Heritage Furnishings Inc. 1980

Those first steps just walked into a couple of hearts a thousand miles away. And the next thing you know, out of that endless string of gibberish will come something that sounds like "grandma" or "grandpa," especially to grandma or grandpa. Magic times.
Times worth sharing. Remember, no matter how far away your family or family of friends may be, you can always reach out and touch them.

Bell System

Reach out and touch someone.

ontinued from page 42

or members to achieve full senior member status, the only point at which they an use the initials "ASA" after their ame. While there is no normal membership roster available to the general ublic, you can obtain the name of a ualified appraiser by writing the national office (American Society of Appraisrs National Headquarters, Dulles nternational Airport, P.O. Box 17265, Vashington, D.C. 20041), including the rea of the country you are in as well as ne field of specialization you are seekng. Or, you may call the New York ofce at (212) 653-0610 and speak to Mrs. osenbaum directly.

The fact that you do not see the initial AAA" or "ASA" behind the name of a rospective appraiser does not necessarly lessen his credibility. But the presnce of these initials does insure that the earer more than likely has the experince to do the job well. And, since there e no "licensed" appraisers in the sense at no state, federal, or local governing odies require such recognition through eans of established procedures, a little surance in this unsuitably defined area rtainly never hurts. There are, howev, some highly qualified appraisers who noose not to join such organizations. ou may wish to write to the Art Deals Association of America, 575 Madin Ave., New York, N.Y. 10022, whose t of specialists includes names of those ho are not members of either AAA or SA. The Art Dealers Association is a onprofit group including many of the untry's most prominent dealers. You n also consult a trusted antique or art aler, a law firm, or an insurance firm r recommendations.

If you cannot locate an appraiser near u whose specialty you need, most lol appraisers will be willing to undertke the extra research to appraise your ject accurately. In the case of a highly ecialized, very valuable collection, any useum curator will be glad to assist u in acquiring an appraiser.

For those of you with interesting-oking objects which possibly have an signable value but might not warrant e risk of a possible commission fee—ere is an easy, painless way of getting evaluation of worth: Sotheby Parke rnet's Heirloom Discovery.

Heirloom Discovery is a program rough which anyone can obtain a alified verbal appraisal for as little as per object. According to Chryse Lanrigan, organizer of the program at theby Parke Bernet, five or six apaisers travel around the country to rious cities where their visit is sponred by a fine-arts-related group. Anye can bring pieces to be appraised, and e fee is $5 per verbal appraisal. The praisers are paid a flat rate plus expenses by the organization, and any profit remaining goes to that organization.

Between September 1978 and June 1979 there have been 29 such clinics, so there is a good possibility that one may visit a city near you. You can call or write to Ms. Landerigan at Sotheby Parke Bernet, Heirloom Discovery Program, 980 Madison Ave., New York, N.Y. 10021, for a schedule of places near you. Because the "decorative arts floors" at SPB and PB Eighty-Four (SPB's 19th- and early-20th-century gallery) do free verbal appraisals on weekdays, Heirloom Discovery is scheduled only outside the New York area.

Christie's Auction House has a similar program benefiting fine-arts organizations, and the fee is also $5 per verbal appraisal. Adds Liz Saw, coordinator, "You can also bring a piece to the front desk or send a photo and we will give you a verbal appraisal for free." You can write to Ms. Shaw at Christie's, 502 Park Ave., New York, N.Y. 10022, and she will send you a list of scheduled stops near you.

The fee

Once you have decided upon an appraiser, you will want to consider the fee. Both the AAA and the ASA suggest that their members handle fees in one of two ways: 1) Percentage of total appraisal (which can be 1 to 3 percent, depending upon the appraiser) or flat fee. This insures the client that ethical fiduciary considerations will not vary, and that the quality of the final result is protected; or 2) A predetermined fee scale built on an hourly contract basis (this method is enacted primarily when a project requires an excessive amount of research). This enables a collector to get estimates before finally choosing an appraiser.

Fees can be determined by a number of variables, all of which the appraiser will wish to investigate before he gives his client a working figure. He may ask where the appraisal will take place (it will obviously be cheaper if you can bring a piece to the appraiser rather than have him go to the piece, but this is often not possible), what the purpose of the appraisal is, what is involved (travel, research, etc.), and whether it will be oral or typed.

Important guidelines

Gideon Strauss, specialist in art equities with the firm Rosenthal & Rosenthal of New York, advises, "Be sure to make it clear to your appraiser when you discuss fee exactly what your intentions and purposes are." He provides the following guidelines for both parties:

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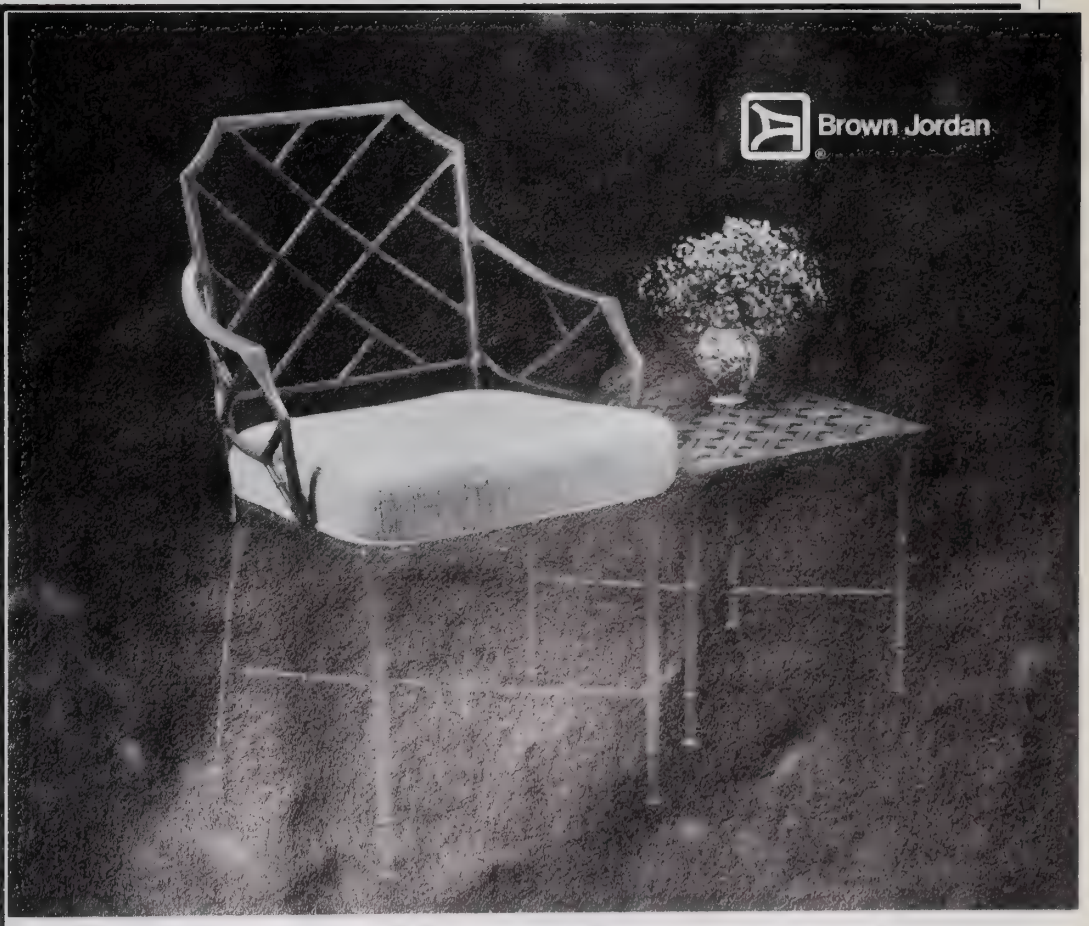

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continued from preceding page

1) Insurance appraisals—should cover (at least) the purchase price, costs of framing and installation, shipping, and other direct expenses. In view of rising prices, an effort should also be made to insure either the replacement cost or an annual increase of values based on the inflation rate.

2) Donation appraisals—a would-be donor of a work of art, especially one who wishes to get the benefit of a tax deduction, should seek at least two appraisals from reputable and expert dealers, auction houses, museum curators, or other authorities to establish a justifiable base which will stand up in the eyes of the Internal Revenue Service.

3) Willing buyer/willing seller appraisals—may be provided by an expert dealer or to guide the two parties to a private sale or swap in reliance upon current sale trends, but eliminating retail markups, auction fees, consignment commissions, etc.

4) Estate appraisals—since taxes (including capital-gains tax) are assessed on the value of art works at the time of bequest or death, it is in the interest of the estate and the beneficiaries to document as low a value as can be justified. Some elements which enter into appraisals of this kind are marketability (and cost of marketing), condition of the art work, possible need for restoration, etc.

5) Auction appraisals—for works of art consigned to an auction house, it is customary to obtain both low and high estimates of the expected proceeds; this in turn may represent the base for fixing the reserve price—the minimum price (less selling commission) at which an item is to be sold or the price at which bidding is to start.

6) Collateral appraisal—in cases where the owner of a work of art wishes to use this as security to obtain a loan, a willing dealer will use a quick liquidation appraisal, usually a percentage—say 50 to 60 percent—of an auctioneer's lower estimate, less selling commissions, carrying costs, and other applicable expenses. (It should be stated here that most traditional sources of credit are reluctant to lend on art.)

While most appraisers' fees are negotiable, the method of determination is quite arbitrary. So if you must have an exact figure before you accept the services of an appraiser, it is best to work on an hourly fee basis, rather than on a percentage basis—particularly if the $100 painting you bought at the local flea market turns out to be a $50,000 Dutch Master. Adds Dan O'Shea, "Although we usually operate on a percentage basis, we occasionally accept a job with an hourly fee. This is as much a protection for us as it is for our client. A man may say 'This is my $100,000 oil painting which I haven't had appraised since I bought it,' and we discover, after long hours of painstaking research and authentication techniques that, in fact, the painting is no more than a $100 fake. The reverse is as likely to happen these days. A client is not likely to want to sell his newly discovered treasure in order to pay an unexpectedly high appraiser's fee."

Most auction houses such as Christie's and Sotheby Parke Bernet charge a firm flat rate plus expenses. If the object is sold at auction within the year the sum is rebated. This rate is usually $1,000 per formal written appraisal.

Regardless of your motivation or need for an appraisal, be warned. An appraisal is only an *opinion*, and as any good attorney knows, there can never be a set universal price for any one item. An appraiser is *not* warranteeing or guaranteeing that such-and-such is the price, merely that to the best of his ability and based on the pertinent facts revealed, this is the price most nearly approximating the item's worth. What an appraisal really does is help you to care for and preserve your valuables. ■

Editor's note: Ann O'Shea, a former law student, is editor of Tulsa Home & Garden. *A native Oklahoman, she boasts two appraisers in her family, her husband and her father.*

Love shouldn't stop at 20 pounds.

A baby outgrows the cradling protection of a GM Infant Love Seat at 20 pounds.

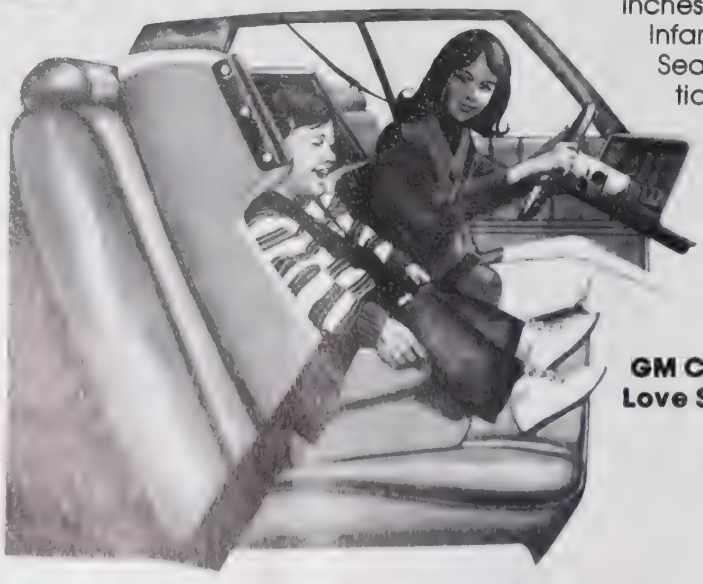
But a baby doesn't outgrow the need for protection.

That's why, at 20 pounds, you should move your baby up to a GM Child Love Seat. Like the Infant Love Seat, it was designed by engineers assisted by pediatricians.

The Child Love Seat is specifically made to help protect and comfort the older, more active child who can sit up unaided. It lets your child sit at window-viewing height, enjoying the ride. With the Child Love Seat's energy-absorbing padded side "wings" designed for added head protection. And a specially designed protective harness.

The Child Love Seat helps protect toddlers up to 40 pounds and 40 inches in height.

Infant Love Seats and Child Love Seats are available through participating GM car dealers, juvenile and department stores, catalog showrooms and other leading retail outlets. So you won't have to go far to show how much you care.



GM Child Love Seat

INFANT & CHILD LOVE SEATS GM

AC-DELCO DIVISION OF GENERAL MOTORS CORPORATION

A GARDEN HOME

Therma Tru French Patio Doors make a grand entrance into the 80's.

The classic style of the French door has returned in a new, up-dated version for the eighties. The Therma Tru French Patio Door System adds energy efficiency and security without sacrificing design.

Therma Tru French Patio Door Systems include a patented adjustable strike plate and sturdy center jamb providing more security and impact resistance at the wood jamb.

The new energy saving Ford Sunglas looks clear, yet stops 24% of the sun's heat. It cuts the cost of air conditioning and helps reduce possible furniture and drapery fading.

In addition to the Therma Tru French doors used in the garden room and master's suite, a Therma Tru eight panel embossed door is used in the main entry.

Therma Tru Door Systems include: self-sealing magnetic weatherstripping and a perfect thermal break — a system designed to keep inside temperatures in and outside temperatures out. These features combined with the door's polyurethane core provide extremely high R Factors. All this adds up to the kind of thermal performance the eighties will demand.

The Therma Tru doors used in The Garden Home offer a classic look as up to date as tomorrow. For more information, contact Therma Tru Sales Corp., 4747 Holland Sylvania Road, Sylvania, Ohio 43560. Therma Tru products are manufactured at Colorado Springs, Colorado; Van Buren, Arkansas; and Toledo, Ohio.

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Georgia-Pacific Paneling and Siding— natural choices inside and out.

BRIDGEPORT® Lantern Pine, pine veneered plywood ¼"

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Inside the home, designers selected Georgia-Pacific's Bridgeport® Lantern Pine paneling for the family room. Bridgeport's real pine face veneer looks like planked boards, creating a warm, informal mood. Used on the ceiling as well as walls, it has a striking effect. And its easy care finish will stand up to years of tough family wear.

Outside, there's Georgia-Pacific's Teton™ prefinished hardboard siding in the "Wheat" finish. Teton is wide-planked and deeply textured, just like real western woods. But it offers the economy and durability of prefinished hardboard. Rugged and beautiful, Teton hardboard siding is a sound alternative to conventional siding products.

Inside and out, Georgia-Pacific paneling and siding are natural choices.

G-P Teton hardboard siding and Bridgeport paneling are available at Georgia-Pacific Registered Dealers.

TETON™ Prefinished Hardboard Siding—Wheat

Georgia-Pacific

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The Heatilator Fireplace keeps fuel dollars from going up the chimney.

Who doesn't love the warm gracious feeling a fireplace adds to any room! Unfortunately, conventional fireplace designs are remarkably inefficient energy sources. Many, in fact, waste more energy than they contribute.

A Heatilator 3138 EP heat circulating fireplace was used in The Garden Home's family room. The EP unit is installed with four wall vents, air flow damper controls, and glass doors for maximum energy efficiency.

The system uses the optional outside air for combustion and with optional, specially designed glass doors prevent heated room air from escaping up the chimney. The Heatilator fireplace unit draws room air into the fireplace through the lower vents. The air is heated by the fire and returns to the room through the upper vents. Additional warmth is contributed as heat is radiated through the glass doors.

The unique self-contained burning and exhaust system of the Heatilator fireplace allows great flexibility in interior design. Decorate with clean, uncluttered lines in a contemporary home. Use a traditional trim and mantle in a colonial home. Or brick and stone in a country home.

In any home, a Heatilator fireplace makes a warm, gracious addition. But, best of all, a Heatilator fireplace makes a great deal of sense.

For more information, contact Heatilator Fireplace today, Dept. HGS, P.O. Box 10360, Des Moines, Iowa 50306. Or call toll free 1-800-247-6798 (in Iowa call 1-515-276-6400 collect.)

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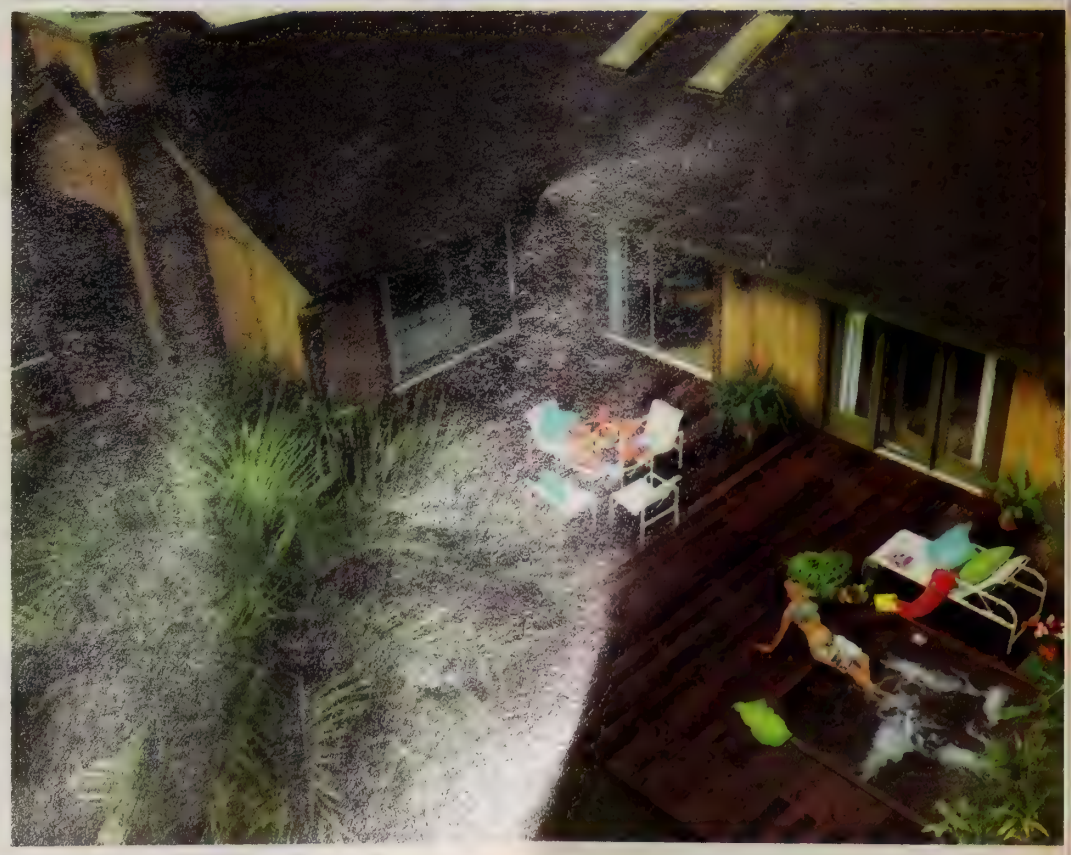

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These Scholz builders have duplicated The Garden Home as seen in the "House and Garden" magazine in various areas. Visit the one nearest you and see it for yourself. Spend an hour or spend the rest of your life.

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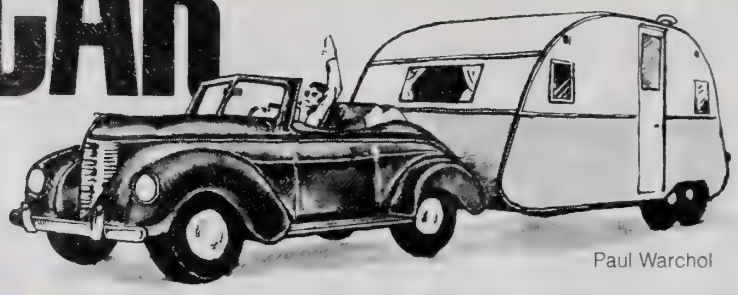
YOU AND YOUR CAR

BY RICHARD AND JEAN TAYLOR

Tips for a summer on wheels



Paul Warchol

Lightweight, easy-to-tow trailers for a vacation on the move

● ***The new lightweight trailers.*** *Small camping trailers* are the latest boon for a family which likes to travel but doesn't want the expense of a hotel or a gas-wasting motor home. These new trailers are so lightweight the smallest economy car can tow them easily. (There's even a model which tows behind a motorcycle.) Yet they ingeniously sleep up to eight people and provide a sink, stove, refrigerator, heater, and toilet. Some of the fancier ones even include a hot shower in a total space that's not much larger than a king-size bed.

If you travel often, there's a definite advantage to buying your own camping trailer. Prices are relatively low, depreciation is mild, maintenance is minimal, and most are protected by your existing car-insurance policy. They also require only a simple "Class I" trailer hitch, which costs less than $50. Banks and credit unions offer financing on some trailers up to 7 years, compared to only 4 years on cars.

You should know, however, that every type of camping trailer can be rented. A folding tent trailer which sleeps six rents for around $100 a week, while small travel trailers cost around $200 a week. All are available by the month at lower rates. Check the yellow pages for rental locations near you.

The least-expensive way to go camping on wheels is with a *folding tent trailer.* These clever trailers are only about 3 feet high and 10 feet long when they're being towed behind your car, but they unfold into 100 to 150 square feet of living space with a full-height ceiling. Beds, kitchen, and toilet are conveniently built-in, ready to use. The walls are only nylon tent fabric, so these are essentially warm-weather homes. The nylon lasts for 10 to 15 years, however, and can easily be replaced. Prices start at less than $1,000 for these magical tents on wheels.

Unlike folding trailers, a *rigid trailer* stays one size whether it's being towed or slept in. Some rigid trailers do "telescope" to create less wind resistance, but most travel standing up. The smallest of these travel trailers are 13 feet long, 7 feet wide, and weigh less than 1,000 pounds. They're either aluminum over a wood frame, or one-piece molded fiberglass. The average 13-foot trailer sleeps four and has a full kitchen, toilet, heater, and dining area. Most even have built-in closets and storage cabinets, and all are equipped with a dual 12-volt DC/110-volt AC electrical system, which can be plugged into a "land line" at campgrounds. These rigid travel trailers are more durable and luxurious than folding tent trailers, but they can also cut

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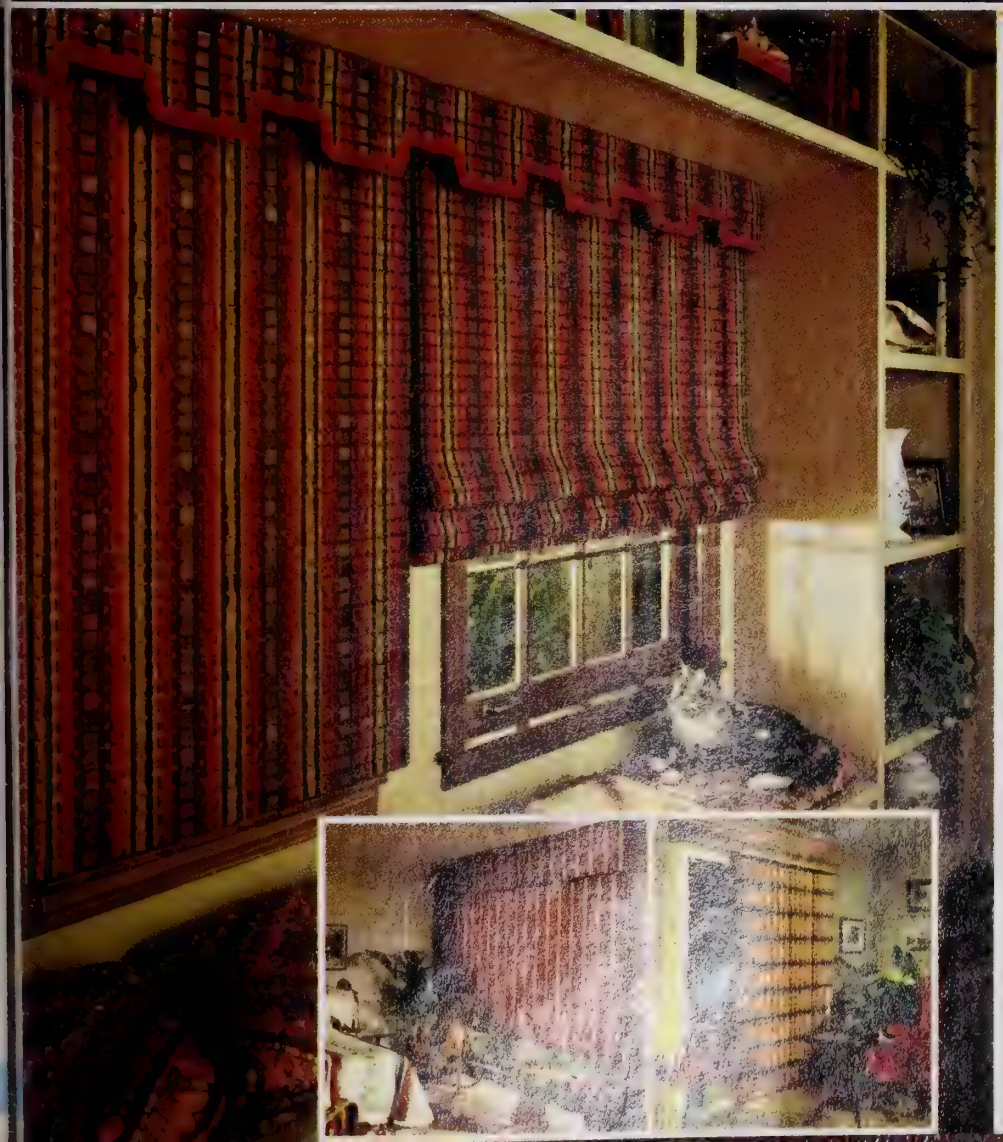

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DeKuyper introduces
COCONUT AMARETTO
A DeLightful new flavor that's DeLicious straight ...or mixed with a little imagination.

Coconut Amaretto by itself...
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continued from preceding page

into your fuel economy because of their taller silhouette and greater weight. Prices start around $3,000 for the smallest fully-equipped trailers and go up depending on size and sophistication.

● **Towing a trailer.** Small trailers under 1,000 pounds won't affect your car's performance very much at all. After a few miles of driving, you'll even forget the trailer is following you. The only difficulty for most drivers is learning to back up with a trailer, and that's just a matter of going slowly and practicing.

Big travel trailers are something else again. They require specialized towing equipment, special driving techniques, and heavy-duty options on your car. If you plan to tow a large travel trailer, you should buy a car specifically equipped for it. The Ford Motor Company offers *Things to Know Before You Tow,* a booklet that will help you order a car properly equipped for towing, from any manufacturer. It also teaches you how to tow safely. The booklet can be had free from most Ford dealers, or you can send for it by writing Ford Motor Company, The American Road, Dearborn, Mich. 48121.

Special check-out pointers for your car during the hot months

Tire pressure is especiall critical in the summer You should check th pressure in the mornin when the tires are coo Fill your tires to 32 psi t give better gas mileage sharper handling, an longer tire life. Tires ma register 45 psi or mor when they're hot. Never bleed off a pressure from hot tires, though, as ur derinflation will just make them run ho ter and may cause blowouts.

● Have the front wheels aligned an balanced once a year. You'll get bette gas mileage, less tire wear, easier stee ing.

● A 50-50 mix of antifreeze and wate will cool your engine more effectivel than any other mixture. Coolant shoul be replaced once a year, because the ar tirust additives wear out.

● Check for worn, hard and cracked, especially soft radiator hoses. The could split and leave you stranded f from a repair shop.

● Accessory drive belts take extra abu in hot weather. Check for frayin cracks, and proper tension.

Continued on page 6

For the first time in the history of collecting . . .

Thimbles of the World's Greatest Porcelain Houses

A collection of 25 finely crafted thimbles—each one different—each designed and produced by one of the world's most famous porcelain houses exclusively for this collection.

To beautify your home today and cherish as a unique possession tomorrow.

A Limited Edition.
Available only from The Franklin Mint.
The advance subscription deadline: June 30, 1980.

Royal Copenhagen . . . Wedgwood . . . Lladró . . . Minori . . . Spode . . . Okura . . . Royal Worcester . . . Haviland . . . Franciscan . . . Royal Doulton . . . The 25 greatest porcelain houses of the world, each represented by an original collector's thimble created by that house solely for this series.

For the first time ever, the greatest porcelain houses of the world are participating in the creation of a collection that is unprecedented in history. A collection so intriguing—and so unique—that it is certain to be admired today and highly prized in years to come.

The most renowned porcelain makers in every part of the world are represented in this collection. And assembling it has been a formidable challenge, requiring three years of planning by The Franklin Mint. During that time, representatives of the mint have traveled all over the world, contacting the leading porcelain houses and persuading each of them to be a part of this historic international issue.

An original thimble from each porcelain maker

Each of the participating porcelain houses has created a special thimble *exclusively* for this collection. A thimble of original design, by its master artists, portraying in an imaginative way the theme or style of that particular house. In addition to the intriguing design, each thimble will bear *the name and identifying mark* of the house that created it.

Individually the thimbles will be fascinating. For each one is *entirely different* and many vary in *size* and *shape* as well. Indeed, they have such variety that, when you show them to friends, they may think you acquired the thimbles on a trip around the world. Yet all 25 together form a most harmonious collection.

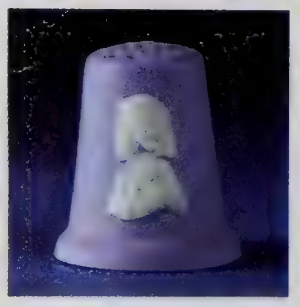
A beautiful way to display your thimbles

So that you can display this unusual collection in your home, a beautiful hardwood shelf to hold all 25 thimbles will be provided. Part of the fun each month will be looking forward to receiving another unique thimble from a famed porcelain maker . . . and adding it to your growing collection.

You will also receive a specially-written folder with each thimble, describing its design and the porcelain house that created it.

Available for a limited time only

These unique collector's thimbles are available *only* for a limited period of time and *only* from The Franklin Mint. They will not be sold in any retail stores. June 30th is the advance deadline for entering a subscription. After a final announcement in June 1981, the collection will be permanently closed.



Thimbles shown actual size

The thimbles will be sent at the convenient rate of one per month, and the issue price for each thimble is just $14.50. Even though these works must be purchased by us in many different foreign currencies over the next two years, The Franklin Mint will *guarantee* this favorable issue price to every subscriber for *each* thimble in the complete collection. In view of persistent inflation, this is a very significant guarantee.

Because it will take time for each porcelain house to craft its thimble, your application should be mailed to The Franklin Mint, Franklin Center, Pa., by June 30th.

A handsome, hardwood display shelf will be provided for display of all 25 distinctive thimbles.

ADVANCE SUBSCRIPTION APPLICATION

Thimbles of the World's Greatest Porcelain Houses

Must be postmarked by June 30, 1980
Limit: One collection per person

The Franklin Mint
Franklin Center, Pennsylvania 19091

Please enter my subscription for the *Thimbles of the World's Greatest Porcelain Houses* consisting of 25 finely crafted thimbles, to be sent to me at the rate of one per month. A hardwood display shelf will be provided as part of my collection.

I need send no payment now. Please bill me $14.50* for each thimble in advance of its shipment to me monthly.

**Plus my state sales tax and $1 for shipping and handling*

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Mr. ALL SUBSCRIPTIONS ARE SUBJECT TO ACCEPTANCE
Mrs.
Ms._____
PLEASE PRINT CLEARLY

Address_____

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State, Zip_____

The only tampon that protects you with double-absorbing action

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The Rely® tampon is made to give you incredible absorbency. Inside Rely's silky covering are tiny sponges and super-absorbent fibers that work together to protect you with double-absorbing action. With Rely, you can really feel secure. **Rely fits best to protect you against by-pass accidents best.**

As soon as it's in place, Rely billows out to fit virtually wall to wall. And because it fits better than any other tampon, Rely protects you best against by-pass accidents. (That's when there's a gap between your tampon and you.) You can practically forget about by-pass accidents and staining with Rely. And it's so comfortable, you'll hardly know you're wearing it. Rely may be the best thing that ever happened to your period.

Rely's fit: 5 minutes after insertion (Super size)

Rely. It even absorbs the worry.

You and your car

continued from page 62

- Check the levels of engine oil, automatic transmission fluid, power steering fluid, brake fluid, battery [illegible], radiator coolant [illegible] summer.
- Check your air-conditioning refrigerant level. With the engine and air conditioner running, locate the pressure/[illegible] (it looks like a small silver or black fire extinguisher under the hood). [illegible] will be coming out of the top. If both are the same temperature, your air conditioner is okay; if one is noticeably cooler, better see a repairman.
- If your car begins to overheat, stop immediately. Overheating even once can seriously damage the engine block and other major components.
- Keep a small breakdown kit in the trunk: flashlight, simple hand tools, safety reflectors and flares.

■ Car clinics for women

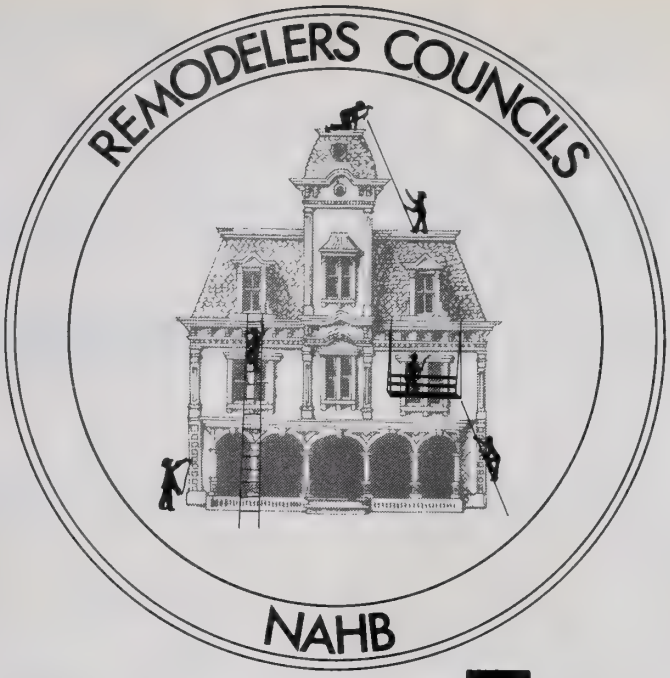
Do you feel completely at his merc when your mechanic solemnly claim you need a new strut rod bushing o catalytic converter and that'll be $229.5 plus tax? To help you cope, Goodyear conducting a nationwide series of ca care clinics for women only. The cours consists of one 3-hour session and in cludes a free illustrated workbook i which to make notes as the instructo explains about the engine, chassis, tire brakes, and electrical system. Obviousl no one will be a mechanic after one hour session, but you should be able talk to your serviceman with more a surance thereafter. Call your loca Goodyear dealer for the schedule Women's Car Care Clinics in your are

Car Care: Silicone Sprays

Silicones are the "miracle ingredient" many new car-care products. A fami of synthetic polymer resins, silicones a popular with chemists because they a chemically inert. This means silico can be mixed into almost anything a won't react with air, water, or destru tive chemicals. Silicone wax seals yo car's paint from the air, so it can't o dize. Silicone spray for rubber and pla tic keeps the car's tires, rubber trim, a vinyl upholstery looking brand-new definitely.

When using any of these silicone po mer products, you must be very care about two things. First, since the silico coating seals so well, it will trap surfa dirt beneath the coating. Unless y wash vinyl upholstery before using s cone sprays, for example, the dirt y trap under the coating will wear yo seats out faster than if you'd ne sprayed at all. Secondly, when using s cone waxes, you must touch up a nicks or dents beforehand, or else touchup paint won't stick.

Many new-car dealers sell a silico paint treatment that's usually claimed last for 3 years and never need waxi and they charge $150 or more to ha your paint treated. Most of these exp sive dealer-installed treatments are no ing more than a fancy wax job usin silicone coating, a container of whi costs less than $10 in any auto pa store. The silicone coating takes no s cial skill or equipment to apply. You wipe it on the car in your driveway half an hour or so. ■



"Invest In A Lifestyle"

The decision to expand, remodel or renew a house often signals the fact that a family's needs or priorities are changing. It may be that living spaces are no longer adequate, or that a kitchen is out of date. It may be that home improvements are being made to enhance the look and livability of the house itself, or to accomodate the interests and activities of the people inside.

Whatever *your* reasons for wanting to improve the quality of life at home, remember that remodeling is not only a sound investment—it's a commitment to a new way of life. Which is why you'll want to entrust your projects to a professional remodeler. He's the man whose affiliation with the National Association of Home Builders helps to guarantee quality workmanship and a job well done. The man who can answer the critical questions on page 70 to your satisfaction. The man who, like the manufacturer members of the NAHB listed below, is in business *to help you make home the best place it can possibly be.*

You'll find a wealth of ideas to spark your projects in the following House & Garden special section, and throughout this issue.

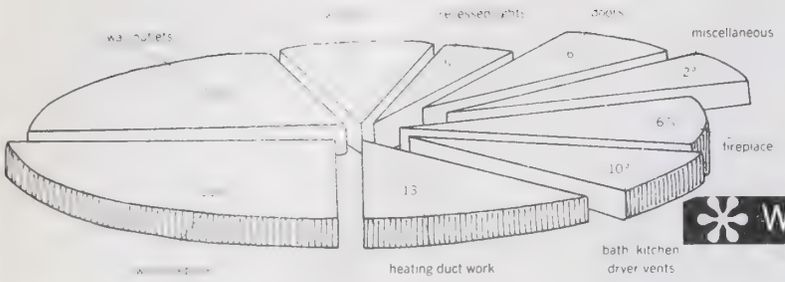
American Gas Association
Andersen Windowalls
Caloric Corporation/ American Gas Association
Comfort Conditioning Products, Robbins & Myers, Inc.
Corning Glass Works
***GAF Corporation**
***General Electric Major Appliances**
Heil-Quaker Corporation A Subsidiary of Whirlpool Corporation
***Jacuzzi Whirlpool Baths**
Jenn-Air
Kelvinator, division of White Consolidated Industries, Inc.
KitchenAid
Magic Chef
Northern Homes
***Nutone, Inc.**
Olympic Stain
Reinke, Inc.
Sherwin-Williams
Thermador
Thermador/Waste King

***Members of the National Council of the Housing Industry**

BY SANDRA ODDO

REMODELING UPDATE

Step by step to conserving energy—as far as you want to go



Wasted heat slices into pocketbook and comfort

Whether it's a new paint job, a new room, or a total transformation, every remodeling project undertaken in these energy-lean times ought to address questions of energy conservation. Energy use in residences accounts for about a third of our national energy expenditure (the other major sectors are industry and transportation). Household budgeting for individuals used to proceed on the assumption that you spent about ¼ of your income for housing—but as energy costs rise, so does that fraction. For some people in the colder parts of the U.S., as much as half of what comes in must go out again for house and heat. So every energy-conserving action that can help to reduce that fraction—in the structure of the house itself, in the systems that provide service and comfort to the inhabitants, or in the habits of those inhabitants, will have long-term recurring benefits.

No matter the scope of the project, the principles are the same: Stop energy (usually in the form of heated air) from moving around in unplanned ways; slow its exit from the house; increase the amount of work it does and the efficiency with which the work is done. The method is also the same: Cooperate as much as possible with natural laws, because the less resistance you have to overcome, the more effective your solutions will be. Your contractor's tools for building the solutions are traditional practices and materials used in new and subtle ways.

■ Step one: Stop infiltration

According to Dr. Gautam S. Dutt of the Princeton University Center for Energy and Environmental Studies, as much as a third of the energy used for heat in houses goes to warm outside air that has sneaked in, unplanned for, through accidental cracks and openings. Finding and sealing those cracks is important. Nobody who lives in a cold climate would leave an outside door open all winter, yet any place where two pieces of building material meet is a potential [illegible] for heat. According to engine[illegible] Nichols, who [illegible]

(Continued on page 11)

INSULATION MATERIALS AND THEIR USES

Insulation	Applications	Advantages	Disadvantages
Batts and rolls			
Fiberglass (approx. R-value per inch of thickness 3.2)*	New or open walls; attic; floor	Widely available in standard sizes; easy to handle if precautions are taken; long-lasting; economical; does not burn readily	Quality (and R-value) m vary from one manufactu er to another; may tend retain moisture; when n surrounded by air (whe compacted or wet), glass bers conduct heat
Blown insulation			
Fiberglass R-value 2.2	Existing walls; attic	Economical; does not burn easily; adaptable to different uses	Tends to settle, lessening value; dangerous if inhale may leave gaps when blov into existing walls, especi ly older walls with rou wood
Cellulose R-value 3.3	Existing walls; attic	Inexpensive; fire-resistant; does not retain water vapor; fills existing walls relatively well	Tends to settle, lessening value; if saturated (by ru ning water), may be d stroyed
Poured insulation			
Urethane R-value 6.15	Existing walls	Very high R-value; adaptable to different uses; water resistant	Expensive; cannot be us horizontally; releases c nide gas when it burns a is banned by code in so places
Urea formaldehyde R-value 3.7 to 4.8	Existing walls	Extremely fire-resistant; not damaged by water; fills wall well when properly applied	Highly dependent on qu fied application to avoid cess shrinkage and ling ing odor; permeable by ter; cannot be used horiz tally; expensive; banned code in some places
Rigid insulation			
Beadboard (expanded polystyrene or polyurethane) R-value 3.9	New or open walls; floors; exterior; special uses	Least-expensive foam; easily cut to fit; not damaged by water	Easily damaged by rou use; not a vapor barri relatively flammable** s must not be exposed w used inside
Plastic foam (extruded polystyrene) R-value 5.25	Exterior sheathing or foundation	Tough; easy to cut; waterproof; available in tongue-and-groove	Relatively expensive; fl mable**

**Whole-wall R-values will differ according to building materials. Wood studs are about R-1.25. **Industry tests have indicated that foams do not add significant fire danger when covered with at least ½ inch gypsum board*

Sources: "From the Walls In"; National Bureau of Standards; ASHRAE Handbook of Fundamentals

Infiltration steals up to 20 percent of your heat. Pie shows where those losses occur.

Drawing adapted from illustration by Tom Eagleton. Copyright © by Charles Wing. Reprinted by permission of Little, Brown

UNTIL GAF, THE HISTORY OF DO-IT-YOURSELF FLOOR TILE WAS PRETTY UGLY.

For years, do-it-yourself floor tile has been difficult to clean, difficult to install, and a chore to look at.

But that's all changed. And while we run the risk of sounding immodest, we have to tell you GAF is responsible for many of the improvements.

THEN

It was GAF who first introduced a process that allowed the most complicated patterns to be reproduced on floor tile, with uncanny clarity.

GAF also found a way to make sure beautiful floor tile stays looking beautiful. We invented a special bonding process that allows a tough no-wax surface to adhere to floor tile.

In addition to making floor tile easy to live with, we've helped make it easy to install. GAF was a pioneer of a process that made installing floor tile a simple self-stick application.

Today, GAF floor tile comes in a wider variety of gloss levels than any tile in the industry.

And while beauty is in the eyes of the beholder, when you behold Brite-Bond™ and No-Wax Decorator floor tile we think you'll find the colors and patterns to be the most attractive you've ever seen.

NOW

To see our full line of Gafstar vinyl floor tile get in touch with your nearest GAF flooring dealer.* And discover how we've taken something that was pretty ugly and turned it into something beautiful.

GAF® GAFSTAR®

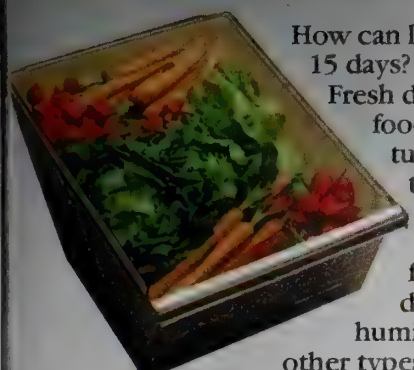
WE'RE OPENING PEOPLE'S EYES UP ABOUT VINYL FLOORING.

*You'll find him in the Yellow Pages, by calling 800-223-0344, in N.Y. State call 800-522-5250, or by writing the GAF Corp., 140 W. 51st St., N.Y. 10020

Presenting 15-day-old lettuce.

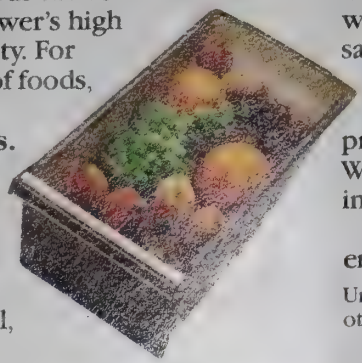
Presenting the new GE Food Saver that brought it to you.

It makes even hard-to-keep food easy to keep.



How can lettuce be this fresh after 15 days? Because our Moist 'n Fresh drawer doesn't just keep foods at the right temperature. It also keeps food at the right humidity. And leafy vegetables and other moisture-loving foods thrive in this drawer's high humidity. For other types of foods, you can change the humidity.

Presenting 15-day-old fruits. Grapes, strawberries, oranges and peaches keep their garden freshness better in the lower humidity of our Cool 'n Fresh drawer. It also has adjustable *temperature* control, so it can be converted for fresh meat storage.



Presenting 15-day-old meat and cheese. This sealed, high humidity drawer gives long life to *unwrapped* meats and cheeses, and uncovered snacks like pudding.

The Food Saver refrigerator is also a money saver. Because it keeps food fresh that normally may have gone to waste. And when you save food, you save money. (And you save the time and effort you spent shopping and preparing the food for your family!) We can't think of a better feature in a refrigerator.

Ask your GE dealer to present you the entire line of Food Saver refrigerators.

Unretouched photographs were taken of lettuce and other foods stored in refrigerator drawers after 15-day test

We bring good things to life.

GENERAL ELECTRIC

REMODELERS COUNCILS

NAHB

"Remodeling Assurance"

The remodelers of the National Association of Home Builders want you to ask the following questions before signing a home improvement contract. We feel that consumers can best protect themselves, and their investments, before signing a contract, by carefully screening several remodeling contractors prior to selecting one to do the job.

1. **How long has the company been in business?**
2. **Does the company have a permanent mailing address and phone number where they can be reached?**
3. **Can they provide you with a list of references from satisfied customers?**
4. **Are they licensed as a contractor with the city, county, or state?**
5. **Do they provide a warranty on materials and workmanship?**
6. **Have any complaints been registered against them with the Better Business Bureau?**

NATIONAL ASSOCIATION OF HOME BUILDERS OF THE UNITED STATES

If you cannot find the right answers to these questions, consult the local Home Builders Association in your area. Their remodeler members should provide you with the needed "Assurance" for your home improvements.

THE CIRCA.

Expertly engineered, delivered fully assembled and pre-tested. We leave the rest for you.

To enjoy the restful stimulation of the Circa™ Whirlpool™ spa, situate it above or below ground, make one very simple electrical connection, and fill with water from a garden hose. There is absolutely nothing to assemble, except perhaps a few very appreciative friends.

It's spa installation at its easiest. And because The Circa is made by Jacuzzi Whirlpool Bath, it's the spa experience at its best. Six adjustable Whirlpool inlets provide unparalleled massaging action all along the comfortable, contour seating. The controls are easy to use, accessible from inside and outside, and like all our models (but no one else's), the Circa is UL listed. Discover all the features that make the Circa luxurious by nature, superior by design. Write for our free, lavishly illustrated catalogue. Or call, Toll Free,

(800) 227-0710.

Anything else is something less.

Jacuzzi WHIRLPOOL BATH®

UZZI WHIRLPOOL BATH
ry of Walter Kidde & Company, Inc
DE

P.O. Drawer J, Walnut Cre[illegible] California, Alaska, and Hawaii call (415) 938-7070

©1980 Jacuzzi Whirlpool Bath.

Sherwin-Williams proudly presents its entire wallpaper collection

Here they are. All 15,00[illegible] them. A variety of patterns so large that whatever design you've got in mind, we've probably got in our collection. Now, if that sounds unbelievable, why not go to a Sherwin-Williams store? Then again, you could always take a real close look at the photo below.

SHERWIN WILLIAMS

COVER THE EARTH

There's more than one way to cover the earth.

© 1980 The Sherwin-Williams Co.

New appliances with energy-saving features use less gas. They make gas—already the most efficient of all the major energies—even more efficient.

Gas will continue to be your least expensive way to cook your meals, dry your clothes, warm your home, and heat your water—far into the future.

Extensive gas deposits underground, plus supplemental sources and new technologies could supply efficient gas energy for generations to come

GAS LOOKS BETTER EVERY YEAR.

*For more information, write to American Gas Association, Dept. 7-J, 1515 Wilson Blvd., Arlington, Va. 22209.

Gas: The future belongs to the efficient.

Kelvinator.

The inventor of the refrigerator makes a fabulous freezer, too.

Every year more and more women are discovering the convenience and economy of home freezing. And Kelvinator makes it easier than ever with its full line of freezers in both upright and chest models. There's a size and style for every need—from our handy 5 cubic foot freezer to our super-capacity 25 cubic foot model. Famous Kelvinator Trimwall® construction makes them slimmer, trimmer, easier to fit into limited areas. This unique construction saves space.

And advanced Kelvinator technology saves critical energy. No-frost features, too. All have great flexibility of shelves or baskets and dividers to accommodate everything from small single-serving containers to big, bulky packages.

See them at your dealer and discover that there's no cold like Kelvinator cold.

Kelvinator. Today as always, committed to excellence.

REFRIGERATORS • LAUNDRY EQUIPMENT • ELECTRIC & GAS RANGES • MICROWAVE OVENS • DISHWASHERS • ROOM AIR CONDITIONERS
FREEZERS • GARBAGE DISPOSERS • HUMIDIFIERS • DEHUMIDIFIERS

One of the White Consolidated Industries

Remodeling update

ontinued from page 66

ith Wayne Nichols is completing her econd solar housing development in anta Fe, N. Mex., the total area is like- to average more than 4 square feet in ouses old or new. So wherever siding ieets trim, wall sole plate joins founda- on, or roof abuts chimney, be extrava- ant with caulk of the best possible uality.

Where cracks are too large for caulk, ontractors have access to a weather- ripping foam snake, round in cross-sec- on, that can be used to stuff voids. In- ilating foams in aerosol cans are now n the market but are tricky to use and ould be applied by professionals.

Check electrical outlets in outside alls. The miniature gales blowing rough them may account for 20 per- nt of infiltration losses, says Charles ing, author of *From the Walls In* (At- ntic-Little, Brown). Inexpensive foam sulation, available in most hardware ores, can be set under the coverplate to lp stop them.

If your remodeling project involves bstantial reconstruction, you may be le to block unnoticed cracks by offset- ng materials, making sure new joints n't occur over old ones.

Once the obvious cracks are filled, look for the less obvious ones. Some older houses were built with no top or bottom sills for interior partitions, according to Dr. Dutt, creating a chimney from basement to attic that draws heated air out. If you have one, block it with insulation.

More difficult to find, but just as significant, are hairline cracks where partitions meet ceilings. Dr. Dutt and his team use an infrared viewer to find 1/16-inch cracks that, if they extend throughout the house, could mean a couple of square feet of space open to an unheated attic. Caulk these from the attic side before adding insulation.

If your remodeling extends to replacing outside siding, infiltration can be blocked and insulation added, says architect and engineer Robert Mitchell, who designs and remodels energy-conservative houses in Selkirk, N.Y., by putting Foam Core sheets—a 1/4-inch-thick Monsanto product commonly used for mounting drawings—under the new siding.

Openings—gaps around doors and windows that open and close—are more noticeable than cracks and may get quick attention. Weather-strip them. Be painstaking about installation and don't skimp. A $5-per-door expenditure for Cushion Bronze weather stripping will save more than $5-worth of heating oil in less than a year.

Continued on next page

Air Conditioner broken?

Save energy. Cut your cooling costs. Call your Heil dealer. The Energy Marshal.

ENERGY MARSHAL

HEIL
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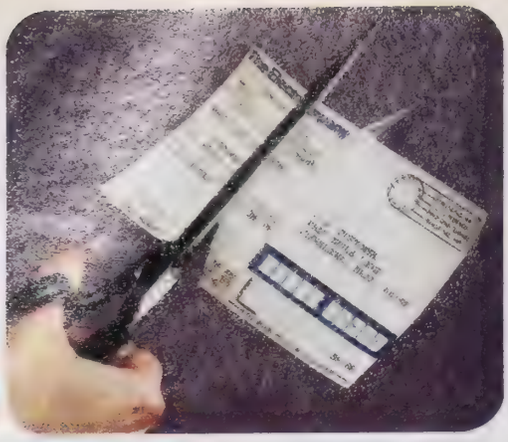
The air conditioner made for the one who pays the bills.

l ceiling fans are not alike. Hunter is the iginal. Since 1886. Whisper quiet. Cast n housing. Real wood blades. Beauti- in its design integrity and simplicity thout phony plastic frills. Beauty at is more than skin deep. Because nter makes a room at 78° feel like ° on the power for one light bulb. That ans substantial savings on your air condi- ning bill. In winter, Hunter recirculates hot air that rises to the ceiling, and cuts heating costs. A wide choice of models and finishes makes Hunter fit any decor. From $149.95. Send $1 for 12-page color catalog. Dept. C, P. O. Box 14775, Memphis, TN 38114. Or see your dealer. Then put your Hunter Original Olde Tyme Ceiling Fan in your will. It's that good.

ROBBINS MYERS

Only Hunter is the Original Olde Tyme Ceiling Fan.



HOW KITCHENAID CAN SAVE YOU 10% OR MORE ON WATER HEATING COSTS.

Other than your central heating and cooling system, nothing in your home consumes more energy than your water heater.

That's mainly because of your dishwasher.

To make sure it gets water hot enough, every dishwasher manufacturer (except KitchenAid) recommends you keep your water heater set at 140 degrees or higher.

In most cases, that's much higher than you need for any other home hot water use.

(A good, hot shower, for instance, is about 110 degrees.)

But now all KitchenAid Energy Saver IV Dishwashers—and only KitchenAid Energy Saver IV Dishwashers—automatically heat their own water to the right temperature in every complete cycle for sparkling clean, sanitized dishes.

And, surprisingly enough, using 120 degree input water, our new dishwasher uses less energy to operate than any dishwashers we've ever made.

So now, with KitchenAid, you can turn down your water heater. Keep it set considerably lower. And save money and energy.

If you turn it down just 20 degrees, you'll save at least 10%, maybe more, on your total home water heating costs.

KitchenAid dishwashers have a reputation for cleaning beautifully, running quietly, lasting a long time, and hardly ever needing repairs.

Now, they can help save you energy and money, too.

Like no other dishwashers can.

KitchenAid. Because it's worth it.

Hobart Corporation, Troy, Ohio 45374

continued from preceding page

Step two: Control moisture

According to Bruce Brownell, whose company (Adirondack Alternate Energy) has built more than 200 energy-conservative houses, controlling vapor movement is a top priority. You start with the floor. "If the house was built in the last 10 or 15 years," he says, "it may have a fair vapor barrier on five sides. But that sixth side causes all the problems. Houses sit like inverted bottles with the sun shining on them, wicking up moisture out of the ground. Once it's inside, you spend energy to heat it and more energy to drive it out through the walls. If you have a crawl space, it's easy to install polyethylene film directly over the ground of the crawl space, holding it down with bricks or stones, things that don't make holes. If there is already a basement, you can paint floors and walls with good high-quality epoxy paint, which would pay for itself in the first year, or you can put surface bonding on the walls and lay an inch of urethane board stock on the existing floor and pour 2 inches of concrete over that."

Vapor barriers also make an enormous difference to walls. Soggy insulation doesn't insulate. It may actually increase the need for heating because water acts as a conductor of heat. Parts of the wooden frame, if wetted repeatedly, may begin to rot. A good vapor barrier prevents this, and can help stop infiltration as well as moisture movement. The best vapor barrier is an absolutely unpunctured polyethylene sheet, seamless from floor to ceiling, wall to wall. Practicalities get in the way: It does have to be fastened up, usually by staples that go through it; moldings put over it are held by nails that punch holes. But with care, the damage can be minimized. Remodelers have a lot of possible choices for vapor-barrier help.

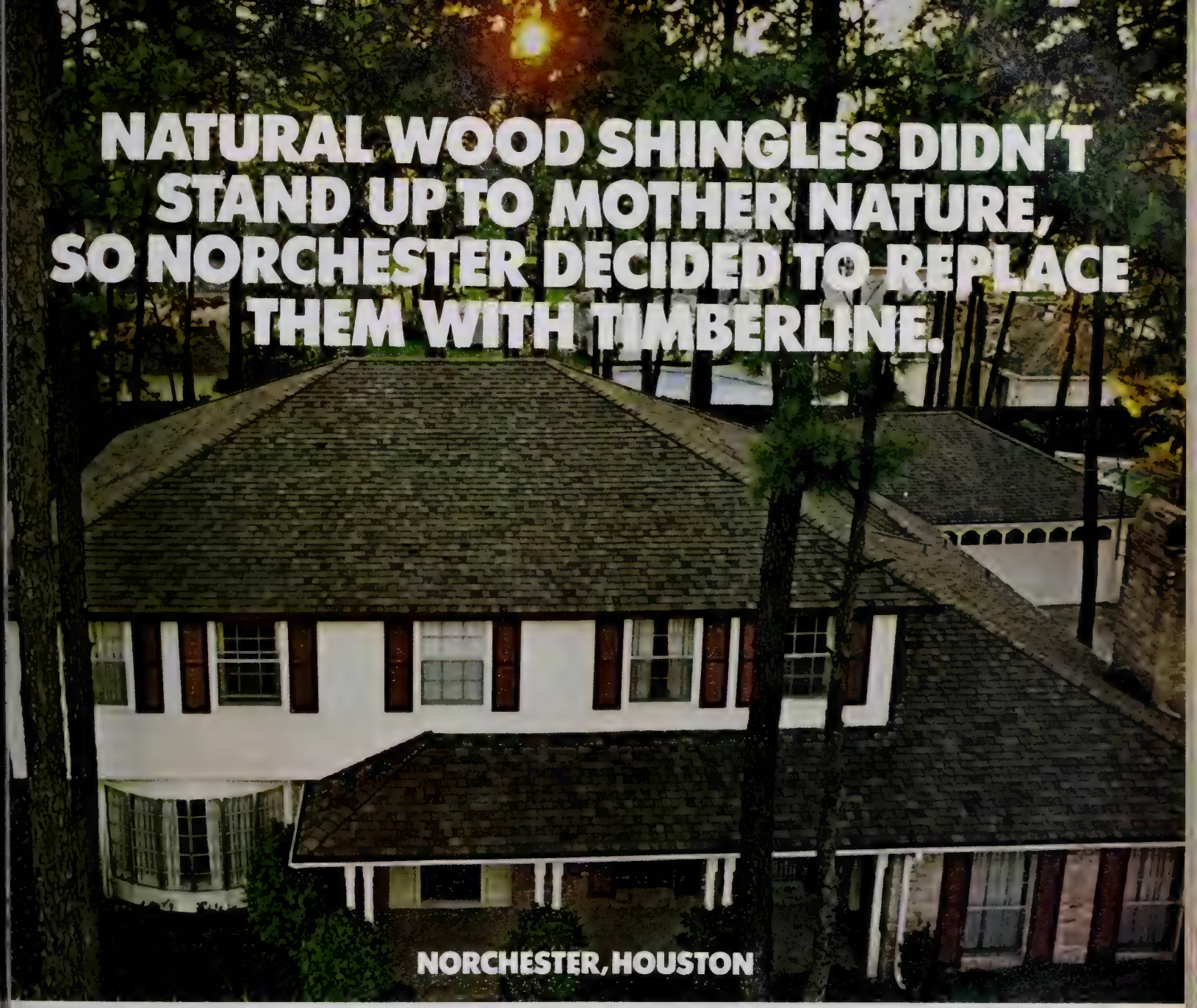
If the wall is open, install the insulation, then do the new wiring *over* the insulation. Then put up polyethylene film and gypsum board in which outlet holes have already been cut. *After* the gypsum board is up, cut the vapor barrier very carefully to leave as little unprotected area as possbile, says Charles Wing.

If you intend to rewire in existing walls without removing the plaster, he advises the use of wire molding on the surface of the wall to avoid punching holes and creating paths for infiltration and vapor movement.

If you want to install a good vapor barrier but don't intend to remove existing plaster, put up polyethylene film, then cover the whole thing with a new layer of ⅜-inch gypsum board. Most door and window moldings project ½ inch from the wall, and should give you no problems.

A good vinyl or vinyl-coated wallpa

Continued on page 8



Mother Nature is quite capable of delivering weather no shingle can stand up to. So it comes as no surprise that a severe storm destroyed the original wooden shingles used to roof a Houston neighborhood.

While we're not guaranteeing we'll stand up to this horrendous weather any better than wood, we do think they've chosen the right brand of asphalt shingles to reroof their homes. Timberline,® the number one selling asphalt shingles of their kind.

They bear an uncanny resemblance to wood. But their real beauty lies in their superb strength and durability.* Timberline shingles have a ceramic baked, granular surface that resists fire and blocks the harmful ultra violet rays that eat away even the best of roofs. They're also composed of the highest quality, scientifically refined asphalt. So they repel water.

And Timberline shingles have a self-sealing agent that works with the sun to form a wind resistant one piece roof. So your investment won't blow away.

To find out more about Timberline shingles, get in touch with your nearest GAF dealer through the Yellow Pages. Or call toll free 800-223-0344, in New York call 800-522-5250

If you put anything other than Timberline on your roof, you may be wasting your time. Not to mention your money.

GAF® TIMBERLINE®
ASPHALT ROOFING
On top of the industry.

*See GAF "Limited Warranty Asphalt Shingles" for specific details of coverage on Timberline. This warranty is available free by writing to the GAF Corporation, Building Products, Dept. T979, Box 121, Radio City Station, New York, 10011. ©1980 GAF Corp.

"I got the paint that beat the Weatherbeater®."

Olympic Overcoat outweathers Sears Weatherbeater.

That's what 94 out of 100 homeowners concluded when independent researchers asked them to compare weathered samples of both brands.

After examining white and red samples of each, most picked Overcoat as the one that looked better longer.

Here's what they said about Overcoat: "Fresher looking." "Less wear." "Less fading." "Looks newer."

Samples viewed were unlabeled and had been weathered for two years on the coast of Florida where the combination of ultraviolet rays, salt air and moisture create extra severe weathering conditions.

Read the facts about the paint that beat the Weatherbeater at your Olympic dealer.

It's all the evidence you'll need to buy Overcoat.

Olympic Overcoat®

Tests were conducted by D.L. Laboratories of New York City.

You get juicier, tastier meats in an oven that cooks with fresh air. The Jenn-Air Convection Oven.

Now an open-fire, open-air taste comes to oven-roasted meats. leats with a caramel brown coating that traps rich juices side. Meats that are juicier, tastier, because they're cooked a whirl of hot, fresh air. Only Jenn-Air gives you the oven at is actually two ovens in one. Just flick a switch and the nventional oven becomes a professional-type convection ven that cooks up to 50% faster.

The Jenn-Air Convection Oven cooks cleaner, too. moke and steam are exhausted direct to outdoors. nd, in addition to cleaning during regular use, nn-Air has an exclusive "ACCELERATED LEANING" cycle that cleans many times faster.

The self-ventilating Jenn-Air Grill-Range gives you ts more ways to cook, too. You can grill, griddle, it-roast, shish-kebab, and deep-fry all on top of the nge. For the Jenn-Air dealer nearest you, see the llow Pages, call toll free 800-428-4560, or write the nn-Air Corporation, 3035 Shadeland Avenue, dianapolis, Indiana 46226. Also available in Canada.

The Jenn-Air Grill-Range.

®A Magnificent Cooking Instrument

NOW THEY'RE ALL NAMED MAGIC CHEF.

THE FAMOUS MAGIC CHEF NAME IS NOW ON THIS FULL-LINE OF APPLIANCES.

The great Magic Chef name you've known for so long in the field of cooking appliances is now on America's only full-line of gas and electric kitchen and laundry appliances.

Inside is our unique energy-saving story. The new 30" pilotless gas ranges, for example, use up to 49% less gas in test comparison with last year's conventional pilot-type ranges.* Magic Chef electric ranges and refrigerators have an impressive energy-saving story, too.

In addition to the fine service these new 1980 Magic Chef appliances will give you, they have great good looks. Well worth adding to the kitchen or laundry area of your home or apartment. If you're thinking of putting new appliances in your life, consider the ones that take the work out of homework: they're all named Magic Chef.

MAGIC CHEF®
Takes the work out of homework.™

* In energy consumption tests based on DOE procedures, Magic Chef's new designed 1980 conventional 30" gas ranges with pilotless ignition use up to 49% less energy annually than the 1979 30" gas ranges with standing pilots.

Replacing windows? Andersen has exactly what you need:

A better window.

Whether you're replacing one leaky, drafty window or a houseful of worn-out energy wasters, Andersen® Perma-Shield® windows offer exactly what you need:

Quality.
Trim, beautiful Perma-Shield windows are more than just replacements. They're original quality prime windows, the kind Andersen has built for over 75 years. The same windows used in new homes.

Fuel savings.

① Solid wood core provides maximum insulation.

② Two panes of glass, not just one, to cut heat loss.

③ Optional triple glazing system available for maximum savings on heating cost.

Weathertightness.

④ *At least* two times better at sealing out leaks and drafts than air-infiltration standards require.*

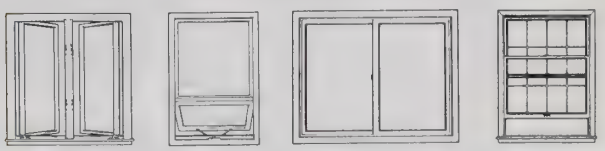
Low maintenance, long life.

⑤ With a tough, rigid vinyl exterior in either white or earthy Terratone color, these windows won't rot, rust or corrode. Won't need painting every few years. (Gliding windows available in white only. Double-hung sash has a long-lasting, low-maintenance finish.)

Quick, custom installation.
Perma-Shield windows come in stock sizes. The Andersen replacement window system custom-fits them to your size of window openings without waiting to special order.

Get a better window the second time around. Tell your replacement/remodeling contractor to use Andersen Perma-Shield windows and gliding doors. Or see your Andersen dealer. He's in the Yellow Pages under "Windows."

Andersen Perma-Shield windows are available in these styles:



Casement. Awning. Gliding. Double-hung.

The beautiful way to save fuel®

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Get exactly the information you need to replace your windows!

To: Andersen Corp., Box 12, Bayport, MN 55003
Please send a FREE COPY of the Andersen guide to window and gliding door replacement.

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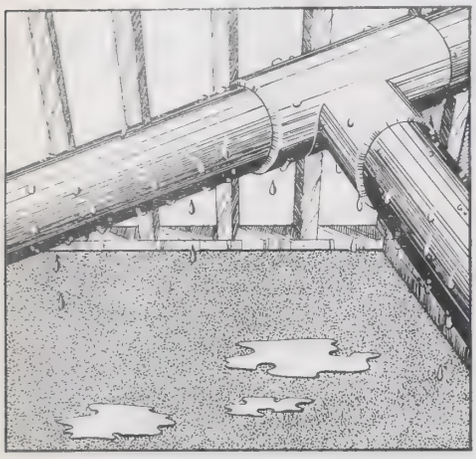
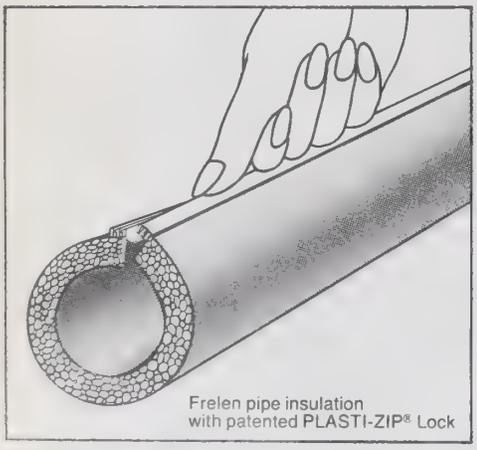
003-060

The 2nd best reason for buying Frelen® pipe insulation may be the mess on your basement floor



The 1st is definitely the money you save on fuel.



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- Stops sweating.
- Patented PLASTI-ZIP® lock makes installation a cinch.
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- Easily painted with latex paint to brighten any area.
- Qualifies for tax credit.

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CLOSED CELL POLYETHYLENE FOAM PIPE INSULATION

Write for free info
Frelen Corporation, Dept.
North Bu

continued from page 76

per, carefully applied to leave no cracks, can give existing walls an acceptable vapor barrier, with a perm rating of about 1. (A perm is a measure of the extent to which moisture can permeate a material. Ratings of 1 or less are considered vapor barriers.)

Or a special vapor-barrier prime paint, like Glidden's Insul-Aid (perm-rated .6), applied according to directions, can also put a vapor barrier on an existing wall.

The fifth side of the box, the ceiling, is especially important. Attics tend to have more insulation (more potential sponge) than walls do, and that insulation is horizontal, so that moisture may tend to stay there.

If you are insulating an uninsulated attic, make sure there is a vapor barrier on the bottom. The foil or kraft-paper facing (installed *down*) on the insulation is not enough, because it lets moisture through along its edges, right into the insulation. At the very least, install polyethylene film between the joists, so that it laps up the sides, protecting the edges of the insulation.

If you are adding insulation, check to see what vapor barrier exists. You may want to consider taking the insulation out to install one (a lot of work), or painting the ceilings below with a vapor-barrier paint. Use only unfaced insulation when you add it, to avoid trapping moisture between two vapor barriers.

Outside: Insulation is most likely to pick up moisture from inside, as pots boil, people breathe, and household processes contribute an estimated 2½ gallons of moisture a day (for four people) to the air. But outside water—rain, snow, fog, and dew—should also be considered. If you are not certain about the effectiveness of your inside vapor barrier, do *not* add one on the outside. Escaping moisture must go somewhere, and if it cannot get out from inside the wall, it will stay there, wreaking havoc. If the inside vapor barrier is sound, however, and you intend to redo outside walls, you can improve the energy efficiency of your house dramatically at the same time by replacing or covering old sheathing with rigid foam insulation before you put new siding on, for a three-in-one infiltration, heat, and vapor stopper. Depending on the kind you choose, it will add about 75¢ per square foot.

New insulated siding is better than uninsulated siding but has limitations because of the necessary slimness of the insulation, and also limitations on stopping infiltration because of the many cracks between pieces.

Step three: Insulate

Many houses have some insulation; most probably do not have enough. Walls and ceilings of "well-insulated" houses used

Continued on page 90

A Public Service of This Magazine & The Advertising Council

Lie down and be counted

President Jimmy Carter signed up 51 tim

In America, 3% of the people give 100% of all the blood that's freely donated.

Which means that if only 1% more people—maybe you—became donors, it would add over *thirty percent* more blood to America's voluntary bloodstream. Think of it!

But forget arithmetic. Just concentrate on one word.

The word is *Easy.*

Giving blood is *easy.* You hardly feel it (in fact, some people say they feel better physically after a blood donation).

And, of course, everybody feels better *emotionally.*

Because it's a great feeling knowing your one easy blood donation has helped up to *five* other people to live.

So how about it, 1% of America? Are you going to lie down and be counted?

Call your local Red Cross Chapter, or your community volunteer blood bank. We need you now.

Red Cross is counting on you.

How to *make* a kitchen

with Thermador's MicroThermal Cooking System.
It's a microwave; it's a conventional oven too.

The MicroThermal upper oven provides both microwave cooking and conventional cooking. Either method can be used individually or both can be used together.

It's the perfect combination, creating a whole new dimension in cooking excellence. Example: Cook a 20-lb. turkey, golden brown juicy, in 1 hour, 40 minutes. The lower oven cooks with conventional heat, and naturally, both ovens are self-cleaning.

The MicroThermal oven.
It makes your kitchen.

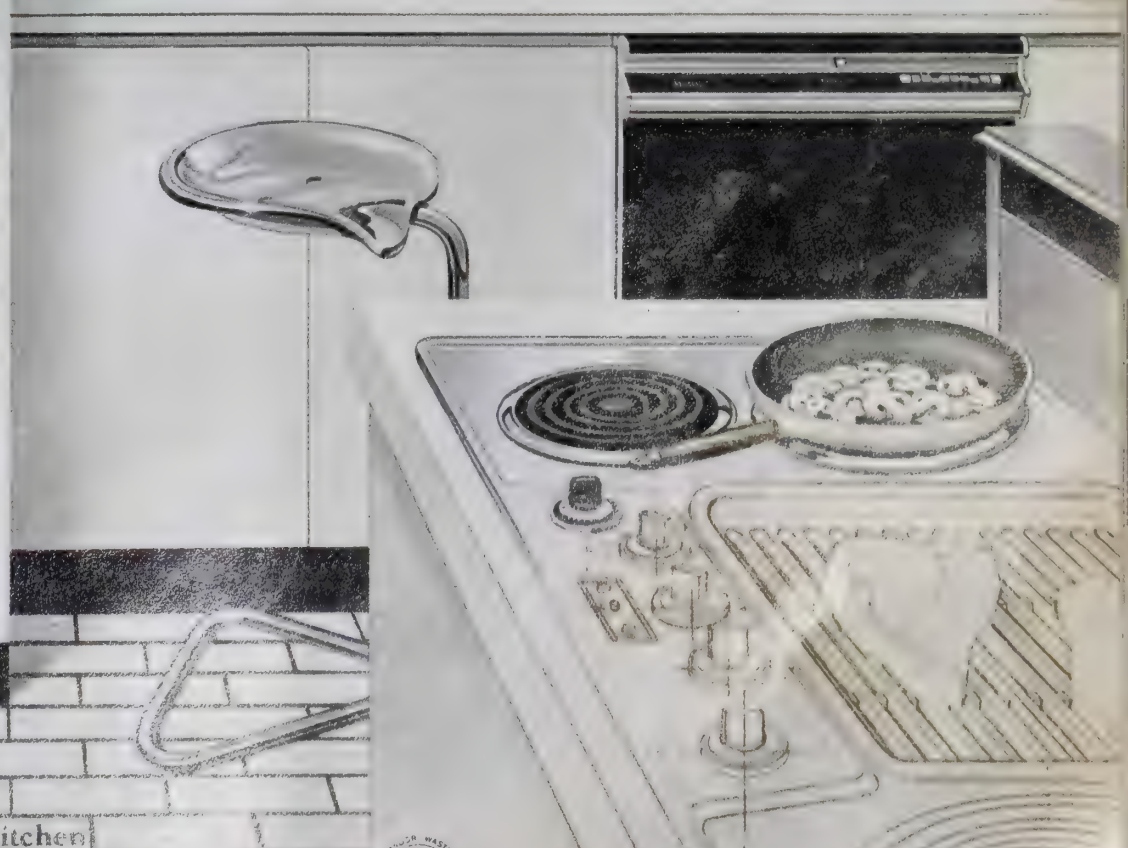
Thermador. Manufacturers of a fine family of kitchen appliances:

For a new dimension in oven cooking:
The MicroThermal oven.

For hoodless cooktop versatility:
The Cook 'N' Vent cooktop.

For cleaning efficiency:
The Steam Machine dishwasher.

And other fine appliances by Thermador—we meet your needs. We exceed your expectations.



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Form 5867

BY DEANNE RAFFEL

Do-it-yourself fix-ups

Your options in furniture finishes—what you need to know about each, plus spray finishing basics

I'd like to refinish some furniture stripped of several layers of paint. What finishes can I use?

Stain colors wood while letting the natural beauty of the wood show through. Staining is a simple wipe-on, wipe-off procedure. The product is made of a base medium to which color is added; some also have ingredients giving special qualities—coloring plus sealing; coloring plus penetrating sealing and preserving. A wide range of color stains is produced, from warm wood tones to vibrant decorator shades. *Oil stains* require turpentine or mineral spirits for cleanup; *latex* or *vinyl stains* can be cut with water. Although the solvent-medium products dry slower than the water-based material, they tend to be easier to work with because they allow more time for working the stain over the wood.

Always wear rubber gloves when working with a stain product. Use a soft brush or lint-free cloth as an applicator, and, with the grain of the wood, work a small area at a time. Wipe until the desired shading is reached—for darker tones, let each coat dry thoroughly before applying additional thin coats. Once the stain is dry, color can be lightened by rubbing the surface with fine steel wool. Stains without wax as an ingredient (check the label) require a top coating—a wax, or a clear finish as described below. If the color you want is not readily available, make your own stain by using an oil-stain base (from paint dealers), adding pigment from an artist's oil colors.

Shellac, the old standby for furniture finishing, is produced from natural materials. It comes in two light shades—white and orange. "White" is actually a clear, light amber color, for use on light-colored wood such as birch or maple. The orange shade brings out the richness of darker woods. Both colors darken as successive coats are applied. Shellac has alcohol as its solvent, and dries rapidly—recoating can take place in an hour or two (though as layers build up, you'll find that drying time increases). Shellac can be applied over raw wood or over stain.

Shellac has a limited shelf life—buy only as much as will be needed for a particular project. Water and many household chemicals can harm its surface. Humidity affects application; never use it on a rainy day.

Use long, even strokes when applying and do not rebrush areas just covered. Each application must be completely dry before another layer is added. Use #4/0 steel wool between coats and wipe clean. When recoating, keep the brush moving—wet shellac cuts into the previous coat and can lift it. Rub with steel wool, wax, then buff.

Points for success with any finish:

1. Wood must be prepared correctly: stripped, cleaned, filled, and smoothed.
2. Applying several thin coats is preferable to applying one or two heavy coats.
3. You should wait the time prescribed on the product container between coats.
4. Rubbing with sandpaper or steel wool between coats assures good adhesion and a smooth finish.
5. Take your time!

Lacquer has been developed into crystal-clear coatings, transparent color tints, and heavily-pigmented colors. All three dry even more rapidly than shellac, so are best applied by spraying. (If used over stain, the stained surface must first be sealed with a coat of thinned shellac.) A lacquered item should have a coat of wax applied as final protection. Something to bear in mind if considering lacquer: It mars and chips easily.

Of the transparent finishes, **varnish** provides the hardest and most durable finish. It is highly resistant to most non-

Continued on page 8

THE ORIGINAL CORNING™ BUILT-IN COUNTER-SAVER

Our gingerbread man can tell you all about it.

"Knead or roll out dough. Work bread or pie dough. It's easy with our smooth no-stick surface."

"Cut without scratching. Dice carrots. Trim meat. Our tough Pyroceram® glass ceramic lasts."

"Clean up easily. Wipe away odors or stains. Make cookies right after onion rings."

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To get an Original CORNING Counter-Saver *call your home builder, kitchen remodeler or appliance dealer for an estimate and professional installation.*

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FREE COOKIE CUTTER

and a Corning kitchen gingerbread recipe. We'll give you a nice big cutter and mouth-watering recipe. Prepare your own hot gingerbread cookies right on your CORNING Counter-Saver. Fill out the coupon, have your home builder, kitchen remodeler or appliance dealer sign it and attach it to his letterhead or business card. You just send it to: Corning Glass Works, Appliance Components, HC-6-6, Corning, New York 14830.

Name _____

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State _____ Zip _____

Dealer Signature _____

CORNING

continued from page 84

corrosive chemicals, to heat, water, and abrasion. Use it on such areas as kitchen table tops and desk tops that must stand up to spills and marring. The older oil-based varnishes dry slowly—allow 24 hours before applying a second coat. Made in both satin and gloss lusters, it is very sticky and much thicker than other finishes when in the liquid state. Stir it only when thinner is added, as bubbles can be formed and laid down on the furniture by the applicator (brush, roller, or spray gun). Spread on a sturdy layer—but take care not to saturate the surface. The heavier body makes application slower than with other finishes.

The new oil-modified varnishes, *urethanes* and *polyurethanes*, are formulated with plastic resins to produce a harder surface than ordinary varnishes. They dry much quicker and can be recoated in from 4 to 6 hours, depending on the brand. Three coats are suggested for protection on top of a piece of furniture; two will do on sides. A coat of clear wax can be added. For high durability plus bright color, try *colored urethanes*.

Last but not least, **paint** can be used as a furniture finish. It is not as durable as colored urethane, but it does have a greater range of prepared colors than any other finish. Drying time will vary from type to type. Paint comes in flat, semigloss, and gloss lusters, though only the latter two should be used on furniture. As with other opaque finishes, sanding with very fine sandpaper or rubbing with #3/0 steel wool and wiping dust-free between coats is important for a fine finish. A sealer or primer should be applied as an undercoat to ensure good adhesion. Using a roller will eliminate brush strokes but give an orange-peel surface; spraying will eliminate both.

Q. I like the professional look of spray-finished furniture—which products can I get in sprays and what's the best way to use them?

A. Lacquers, both regular varnish and the oil-modified types (urethanes and polyurethanes), shellac, and of course paint are available in aerosol sprays, variously made to give flat, satin, or high-gloss coatings. Although there is some waste of the material, the results can make the investment in several cans of spray worth the higher cost.

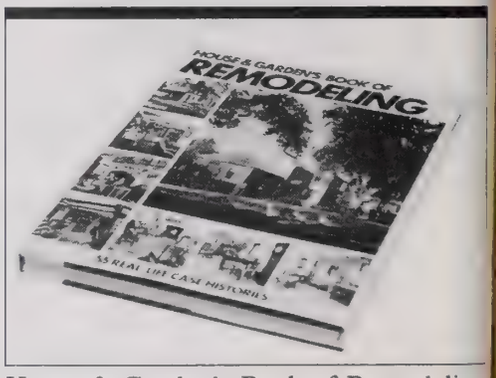
Once you've decided on a particular finish, familiarize yourself with the label instructions. Prepare the item by carefully stripping, washing, sanding, filling, etc.—careful preparation is especially important when spraying. If you are working over an existing finish, be sure adhesion is tight and that the new finish is compatible with the old one. (Try a patch test on an inconspicuous area.) If the surface is chipped, feather the edges with fine sandpaper. Rub with #3/0 steel wool to give the old finish a "tooth," and wipe free of dust.

Plan to spray outside on a still day, and work in a shady area. Wear a painter's mask. Spray in sequence from the inside or underside of furniture out. Hold the can 10 to 12 inches from the section to be covered, with the nozzle pointing directly forward. Press the button while holding the can *parallel* to the surface. Do not move the container in an arc. Always try to spray with the surface in a horizontal position. Take care not to linger at the ends of the strokes, but be sure to cover all joints and crevices. Spray in constant back-and-forth motion, horizontally in parallel rows—do not spray in circles. Release the button at the end of each stroke, press to begin again. Rotate the piece of furniture as necessary.

Between coats, let finish dry, rub with #3/0 steel wool, dust. Build up finish with three or more coats until depth of color or glaze suits you.

Energy saver window

A window unit, available with energy-saving double glass or triple glass, is the new Perma-Shield Narroline unit now in earth-color Terratone. The inside and outside surfaces of the sash have a polyester urethane finish that won't need frequent painting, and a vinyl sheath covers the wood-core frame and sill. Equipped with double-pane insulating glass which could reduce your heat loss from indoors next winter by 47 percent (with zero degrees outside, 70 degrees inside the house). The window can also be triple-glazed with a matching storm sash unit to reduce heat loss by an additional 36 percent. The storm sash has a fixed glass upper panel and screen, and a movable lower storm sash. Andersen Corp., Bayport, Minn. 55003.



House & Garden's Book of Remodeling *(Viking, $35) offers over 50 real-life case histories—color photographs plus before/after floor plans—of remodeling projects for every type of house or apartment. In it, you will find hundreds of provocative ideas for you own project—how to push out walls, break through ceilings . . . how to add a wing, a porch, a greenhouse . . . how to turn a garage into a room for entertaining . . . how to achieve more storage space. Available at bookstores; or send $35 plus $1.50 for postage and handling to: Condé Nast Books, Post Office Box 431, Bloomfield, N.J. 07003.*

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The natural result is a home that's as good 100 years from now as it is today—maybe even better.

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THE QUALITY COOKING OF GAS WITH THE SPEED OF MICROWAVE

Combination Cooking with the Caloric ME/Gas Range.

The ME/Gas Range is the first and only range to combine gas convection cooking and microwave cooking in one oven. It can actually cook a 12-lb. turkey in 55 minutes—moist, juicy and golden-brown!

Combination cooking adds the speed of full-power microwave energy to the speed and baking, broiling, browning results of gas convection cooking—in the same oven, at the same time. Plus, the oven can also cook with microwave alone, or with fast gas convection alone.

The ME/Gas Range saves energy, too. Automatic Pilotless Ignition cuts gas use by nearly one-third. And the forced hot air gas convection system saves still more gas, by cooking at temperatures 50 to 100 degrees lower than a conventional gas range.

This full-size, self-cleaning oven offers the speed of microwave teamed with the speed and cooking results you only get with gas convection. Plus, gas top burners for precise controllability. The ME/Gas Range—see it at your Caloric dealer.

Even if you live beyond gas company lines, you can be cooking with gas. Call an LP gas dealer.

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AGA American Gas Association

GAS: THE FUTURE BELONGS TO THE EFFICIENT.

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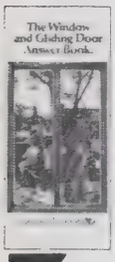
"Invest In A Lifestyle"
SPECIAL BOOKLET OFFER

Many of the advertisers whose messages appear in this special remodeling ideas section have booklets, brochures and catalogues filled with information that can help you make sound investments in good living. You can order the booklets described below directly from House & Garden. Just fill in and mail the coupon provided. Your orders will be filled as promptly as possible.

1 "HOW TO CHOOSE A REPUTABLE REMODELER." Here are detailed answers to some basic questions you may have. The National Association of Home Builders has become aware that the consumer has had little dealing with remodelers. The Association has prepared this pamphlet to assist you, in making the selection, as well as to explain in simple terms the remodeling process. NAHB.

2 WINDOW AND GLIDING DOOR ANSWER BOOK. 24-page, full-color booklet answers the most-asked questions about windows and gliding doors. Contains special sections on window planning, energy and remodeling. Also includes full description and application photographs of beautiful Andersen wood and low maintenance vinyl-sheathed Perma-Shield windows and gliding doors. Andersen Corp.

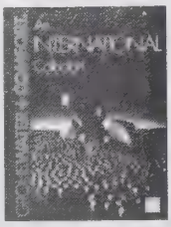


3 "THE ORIGINAL HUNTER OLDE TYME CEILING FAN." 12-page, new full-color brochure relates the history of the old-fashioned paddle-blade Hunter ceiling fan and why it is making a big comeback today as an energy-saver. Illustrates many models, styles, colors, new decorating ideas, accessories, and blade and control options. Includes installation tips. Comfort Conditioning Division/Robbins & Myers, Inc. $1

4 GLASS CERAMIC COUNTER SAVER. Remodeled, repaired or new—bring elegance to your kitchen. Brochure features Pyroceram brand glass-ceramic, and the Corning Built-In Counter-Saver.

5 THINKING ABOUT ROOFING OR FLOORING? Two colorful, information-packed

6 SOLID BRASS FAUCETS. Distinctive European style, solid brass faucets for the kitchen, bath and spa environment. Experience the "international collection" of 35 color product photos in this exciting new brochure. Grohe America, Inc., Subsidiary of ITT. 50¢



7 "SPAS AND BATHS." Two color booklets with installations, diagrams, descriptions and specifications of the complete line of Jacuzzi Whirlpool brand spas and baths.

8 AN EXCITING NEW ADVENTURE IN COOKING. Built-in and freestanding electric ranges from Jenn-Air feature exclusive built-in surface ventilation to vent smoke and odors outdoors without a hood. "Convertible cooktop" models convert from range to char-flavor grill in seconds. Booklet shows all including optional rotisserie, shish kebob, griddle, french fryer. Microwave oven combinations, too. Jenn-Air.

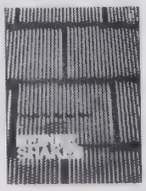
9 ELECTRIC AND GAS RANGES, microwave ovens, refrigerators and freezers. These brochures from Kelvinator will help in choosing the exact unit that's just right for you. Color photographs, model numbers and qualification charts shown. Kelvinator Appliance Co.

10 ENERGY-SAVING APPLICANCES. Brochure describes new Energy Saver IV dishwasher line which allows consumers to turn the water heater down to 120°F and still get excellent cleaning results. Also covers time-saving trash compactors, disposers, hot-water dispensers, mixers and coffee mills. KitchenAid Division, Hobart Corp.

11 KITCHEN & LAUNDRY APPLIANCES. Over 34 microwave cooking products. Full-featured electric and gas freestanding and built-in microwave/range combinations. Quality dishwashers, disposers and compactors, refrigerators, freezers, washers and dryers. Magic Chef. $1

12 BUILT-INS. Delightful color catalogue from the Nutone Electrical Products Division shows its complete line of radio-intercom systems. Musicom stereo systems, residential and apartment security systems, toll chimes, paddle fans, exhaust fans and heaters. All products are designed for comfort and convenience. Nutone, Inc. $2

13 "SHINGLE FOR THE LAST TIME." The average homeowner may re-shingle his house three or four times in a fifty year period. Reinke Shakes literature shows its durable, eight distinctive colors that will last and last. They're aluminum and promise not to crack, burn or warp. Reinke Shakes, Inc.



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I enclose $1 ___ for postage and handling of my request for booklets

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Introducing a condom so light that effective birth control is a pleasure.

Imagine using a condom that feels almost like you're using nothing at all. That's how it is with a CONCEPTROL SUPREME* condom.

Developed for Ortho Pharmaceutical Corporation—leaders in birth control for 40 years—CONCEPTROL SUPREME condoms are made with an extra-light premium latex that provides the dual benefits of sensitivity and strength. What's more, each condom is individually tested for conformance to quality standards.

CONCEPTROL SUPREME condoms. You can both feel good about them. In every way.

NEW CONCEPTROL Supreme

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Ortho Pharmaceutical Corporation
Consumer Products Division
Raritan, New Jersey 08869

CONCEPTROL SUPREME condoms. Male contraception from Ortho Pharmaceutical Corporation.

a matter of SURVIVAL

Severe malnutrition and epidemic disease threaten the life of this Cambodian child, one of an estimated three million people in Cambodia whose survival is in serious jeopardy.

As it has in so many past emergencies, UNICEF, the United Nations Children's Fund, is responding to this tragedy. Designated the UN "lead agency" for Cambodian relief, UNICEF has mounted a massive relief program jointly with the International Committee of the Red Cross (ICRC) to bring food, medicine and other urgently needed relief supplies to the Cambodian people.

In the first six months of the emergency program alone, $110 million is needed—just to begin feeding and treating a sick and suffering population. President Carter has pledged U.S. Government support for the UNICEF/ICRC relief operation and has urged the American public to contribute generously to help save the Cambodian people.

Right now, food, medicines, health equipment, and other relief materials are reaching the people of Cambodia and Cambodian refugees in Thailand. A team of UNICEF and Red Cross officials is coordinating the distribution of supplies through air, sea, river, and land transport.

Life today for three million Cambodian men, women—and especially children—is a matter of survival. Please help by giving generously to:

UNICEF
Cambodian Relief
331 East 38th Street,
New York, N.Y. 10016
(212) 686-5522

continued from page 82

to have R-values (measurement of the resistance they put up to heat passing through; the higher the better) of 11 and 19, respectively. Now energy-conservative builders aim for R-19 in the walls, R-30 or better overhead, and at least R-11 underfoot. In Canada, where winters are colder and longer, R-values go even higher. One all-electric demonstration house in Saskatchewan has R-38 walls—and had a total heating bill of $51 for its first season 1978–79.

Good insulation tips: Collect estimates, ask questions about materials, methods, potential savings

Existing houses can be retrofitted with insulation, in the process of remodeling, in dozens of ways. The homeowner needs only to know the values and appropriate applications for various kinds of insulation (box, page 66) and to have an imaginative approach to using them.

The top: Look up. If there is no insulation over your head, you have opportunity above you. Two layers of 6-inch fiberglass batts, one placed between the joists, the other laid crosswise over it, will give you close to an R-30. Remember, though, that the wooden joists have low R-values and that the cracks between the batts will let heat through. Slightly more cellulose may do the same thing for less money, with fewer cracks. Be careful around light fixtures—no insulation should be closer than 3 inches.

If you don't have 12 inches of space overhead, consider the use of one of the rigid foams, with higher R-values. An insulating board can be applied under an existing ceiling, then covered with a ½-inch layer of gypsum board.

If you intend to install a dropped ceiling, you can use tiles that incorporate fiberglass insulation—but check for vapor barriers.

If you need a new roof anyway, roof systems based on rigid urethane or polystyrene foam are available.

The bottom: If you are installing a new floor above an unheated basement, put down a vapor barrier before you lay the floorboards or tiles. If you are insulating the basement ceiling without a vapor barrier above it, do a careful job below, installing insulation with the foil or kraft side *up*. It should fit tightly enough to stay in place by friction, while you staple wire or nylon fishing line zigzag between the joists to hold it up permanently, or while you nail up boards of rigid insulation, adding more insulation while you support what's there.

If the basement is heated, walls and floor should be insulated and there should be no insulation between basement and first floor. Fir out the walls and install rigid insulation (unless the basement is absolutely dry, batts are tricky); lay rigid insulation on the floor and top it with more concrete.

Insulate from outside, possibly in the process of excavating to improve the drainage around the house, by applying beadboard to the foundation wall with special mastic, to a depth greater than the frostline (usually about 3 feet), then backfilling to keep it in place.

Dry soil around a house helps it to hold heat (wet soil, because water is a conductor, tends to drain heat away). If you are excavating anyway, or perhaps adding a foot of topsoil, put in a 4-foot-wide layer of polyethylene, laid horizontally around the house 1 foot below the surface. This will help to keep water away from your basement walls, improving insulating capabilities, according to Paul Sturges, energy consultant in Stone Ridge, N.Y.

The sides: Reinsulating walls can be an exercise in creativity. The most thorough attack, of course, is to strip them to their wooden bones and start over, perhaps a room at a time. If your studs are 2 by 4s, give serious thought to firring them out to 6 inches so you can use thicker insulation. "All our frame walls are built of 2 by 5s with 5 inches of fiberglass," says engineer Susan Nichols, "with ¾-inch exterior urethane sheathing and polyethylene vapor barriers on both sides to keep moisture out, so the wall cavity doesn't need to be vented."

But perhaps some insulation exists and only the plaster is in regrettable shape. Consider building a double wall, another set of 2-by-4 studs inside the first (offset, so there is no easy wooden bridge for heat to wander over), with insulation and a new layer of gypsum board. (Remove, or thoroughly puncture, the first vapor barrier before you start.

Another alternative: beadboard installed with mastic, then covered with ½-inch gypsum board.

If both inner and outer walls are to remain, the solution involves a poured insulation, with blown or foamed material introduced through small holes bored either inside or outside and filled later. This is a specialized job and should be done by a contractor of considerable training and experience. Ask for references, and check them.

Finding the contractor: Susan Aulisi of Adirondack Alternate Energy, and Kathy Scott, each of whom acted as her own contractor for passive solar houses that had to be energy-conservative (the two houses averaged 60 to 70 degrees Fahrenheit last winter with no help from fossil fuels), offer this advice: Collect estimates, asking as many questions as you can about materials, methods, and potential savings. Compare the answers

Continued on page

TS: 11 mg. "tar", 0.8 mg. nicotine, LIGHT 100's: 11 mg. "tar",
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Remodeling update

continued from page 90

with your own knowledge. Do *not* take the low bid unless there are substantial reasons for doing so. Because some contractors are still relatively new to energy work, a notably low bid could mean inexperience either in pricing or in method, and may result in hasty substandard work. The most important question, says Mrs. Scott, is whether the contractor will do the work himself, because unsupervised work farmed out to apprentices may also be substandard.

The homeowner should also act as sidewalk superintendent, according to Ms. Aulisi, and should know when to intervene. A worker high on a ladder who runs out of staples may (understandably) substitute nails in putting up the polyethylene or, worse, may omit polyethylene altogether. Because energy conservation is made up of subtleties, this matters and should not be allowed to happen.

When the insulating is finished, the homeowner may want to have it checked by thermography, a process by which escaping heat can be photographed. No reputable contractor, says Charles Wing, should object to a clause in his contract stating that, if a thermographic analysis shows missing insulation, he would rectify the deficiency at no cost.

■ Step four: Improve the openings

There's nothing subtle about doors and windows. There they are, thin skins between comfort and the cold. A single pane of glass has an R-value down around .8. Double glazing with a dead air space sandwiched between the two panes can bring that up to about R–1.6, and triple glazing may push it past R–2. You can, in other words, cut heat losses through windows by two-thirds by the use of triple layers of glass (a Thermopane window, perhaps, plus a storm window). If the single-paned window was badly glazed, old, and loose, you have saved a lot more.

In remodeling, as you replace windows, consider the actual climate indoors and out. Windows that open must have cracks that allow infiltration through, and most houses have many more operating windows than they really need. Consider replacing operating windows with fixed glass, wherever windows are not needed for ventilation. Storm windows installed permanently are an easy way to make the change, and help keep the house cool in summer. Line ventilation windows up with the prevailing summer breeze—usually east and west. Use low north windows to bring in cool night breezes in summer, and open windows high on the south side to dump hot house air at night.

Also consider reducing window area on the north side of the house, facing winter winds. You may want to add glass on the south side, to increase heat gain from the sun.

Storm doors help, particularly if the main door is badly installed and leaky. But unless there is enough space between the doors to close the storm before you open the main door, their help is not substantial. Consider replacing your main door with one of the new insulat-

A solar greenhouse is an enviable amenity that can add value as well as pleasure to your house

ing doors (steel with a foam core) now on the market, says Charles Wing. Or suggests Bill Yanda, author of *The Food and Heat-Producing Solar Greenhouse* (John Muir Press, P.O. Box 613, Santa Fe, N. Mex. 87501), consider putting a greenhouse around your entrance. "We're finding," he says, "that the performance of a solar greenhouse goes up greatly if it is also used as an airlock."

A solar greenhouse—unlike a conventional greenhouse—can turn the south side of the house into a solar collector and is one of the most popular new uses of solar energy, partly because it adds pleasure as well as value to the house. Do it with the same careful attention to energy-conservative detail that is given to a solar house—it faces south, is double-glazed, carefully sealed, and has insulation on the north side. It may have capacity for heat storage in its floor and walls. It is usually attached to the house. The solar greenhouse is an enviable amenity but, says Bill Yanda, think carefully before you decide to do it. "Unless you really want to run a greenhouse, there are other things you can do for heat. It's an art as well as a science."

■ Step five: Ventilate

A good blanket of insulation around a house needs a certain amount of care and protection. Attics must be ventilated to remove the moisture that will slip in despite the most careful attention to vapor barriers. The area alloted for most attic vents should be nearly doubled, says Bruce Brownell, who points out that each nailpoint sticking through the inside of the roof can become a ball of frost when it freezes, and a drop of moisture when it thaws. For walls, unless you are certain they are absolutely and forever safe from moisture—from, for instance, leaks caused by ice dams at the edges of roofs—make sure that a

Continued on page 2

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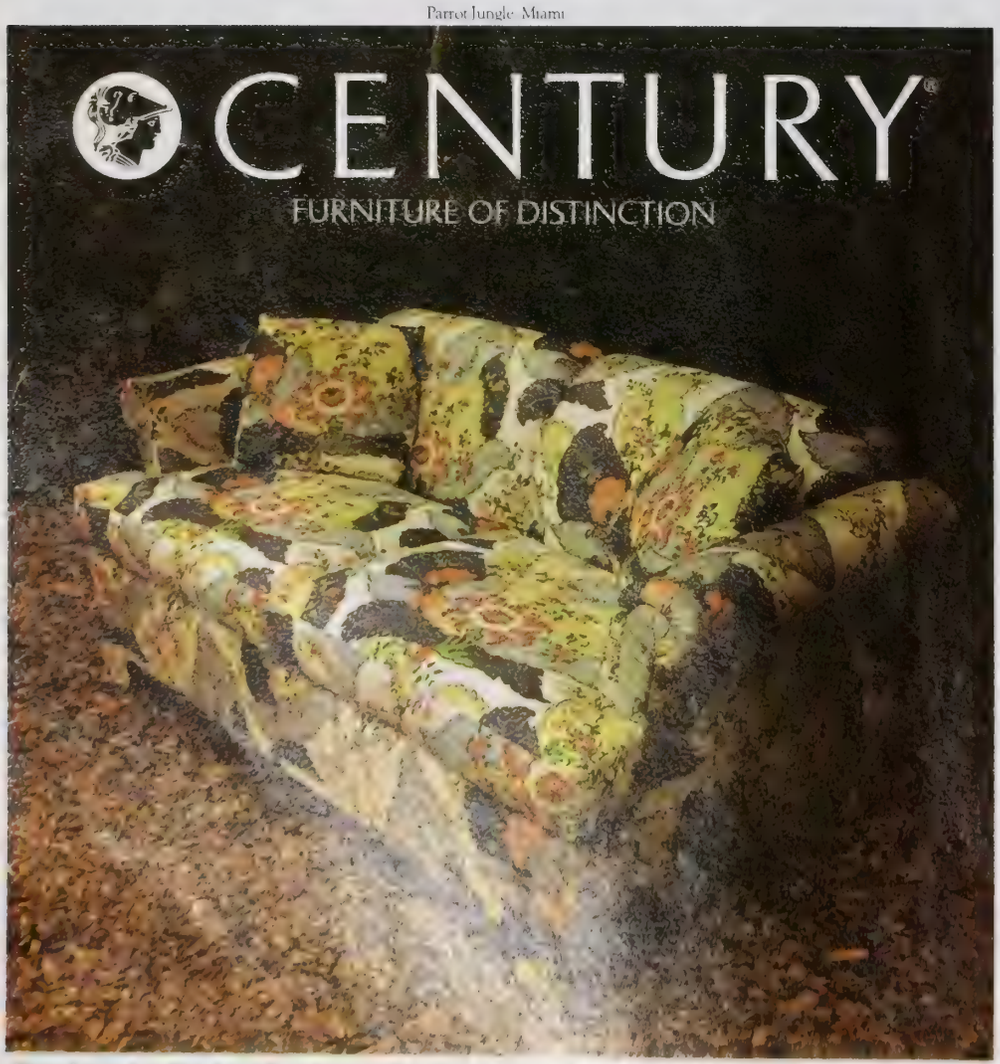

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NY/W/2

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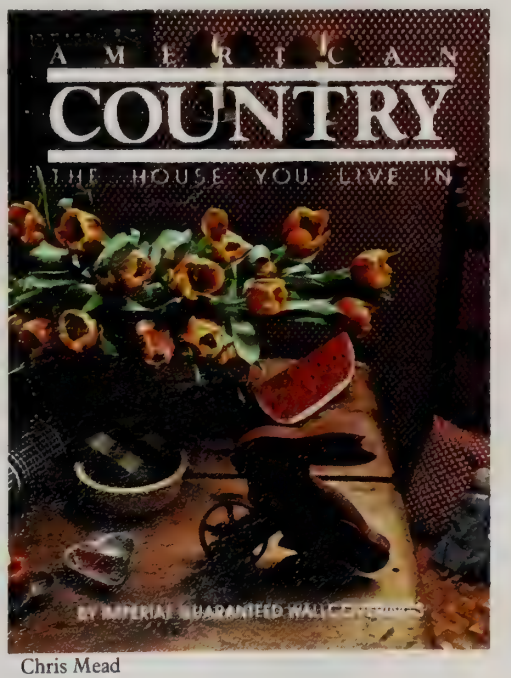

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GIFTS FOR
THE ENTERTAINING LIFE
A SUMMER ROUND-UP OF ENTERTAINING AIDS FOR EVERY HOUSE THAT LOVES COMPANY

THE ENTERTAINING LIFE

Bring on the guests!

On the preceding page: *Farm-fresh porcelain, "Devonshire" by The Haldon Group. 4 dinner plates, $55; 4 mugs, $30. Saks Fifth Avenue, all stores. "Baseball Stripe" linen/cotton tablecloth and napkins by Katja of Sweden. 70" round cloth, $28; napkins, $2.50 each. I. Magnin, San Francisco. "Continental" stainless steel flatware by Mikasa, with brass-banded raspberry handles. 5-piece place setting, $25. Marshall Field, Chicago. Porcelain double-basket salt and pepper cellar. $10.50. La Cuisiniere, New York.*

Let the good drinks roll–on a bar cart of ash, 26½" x 16½" x 22" high. Includes a removable tray. $300. Chrome ice bucket keeps ice frozen for 10 hours, wine cool for 4. $60. Cart and bucket from Ambienti Design, Inc., New York. Decanter patterns, left to right: "Trindade," $90; "Vienna," $87.50; "Amarante," $120. "Estrella" pitcher, $60. "Diamante" highball glasses and "Palacio" old-fashioned glasses. Each, $23.50. All, full lead crystal by Block. Selected stores nationwide.

The entertaining lights. Shelf lamp with glass chimney towering above a polished aluminum base. ALH, Inc. $34.95 at Ace Hardware Stores nationwide. "Twist," spiral-based Candelier, 9" tall. From the Ambience Collection, Viking Glass. $12.50. Bloomingdale's, New York. Hurricane lamp, 11" tall, by Block. $16.50. Selected stores around the country.

The Raffles Table folds for storage; tray top is removable. $35. The Bombay Company, New Orleans. "Lattice" earthenware by Franciscan. 5-piece place setting, $24.50. McCurdy's, Rochester. Quilted cotton place mat, $6; print napkins, 4 for $10. Laura Ashley, San Francisco. Set of 6 glasses, "Whiskey" by Bormioli, $7. B. Altman & Co., New York. "Modern Classic" stainless flatware by Lunt. 5-piece place setting, $35. Dayton's, Minneapolis.

Nothing says welcome as quickly as flowers, and containers for them are always welcome gifts for people who love to entertain. Left to right: Three ribbed-crystal posy pots by Schmid. Each, $5.50. Fine stores everywhere. Three vases by Ronaldo Maia. Rubel & Co. Saks Fifth Avenue, nationwide.

Dinnerware to set a party table, set a party mood. Top: "Khotar" bone china by Coalport. 5-piece place setting, $98. Center: "Charleston" bone china by Wedgwood. 5-piece place setting, $77. Bottom: "Blue Skies" ironstone by Johnson Brothers. Plate, $4.95. All at fine stores across the country.

Give a bowl-of-cherries outlook: "Bordeaux" ironstone strewn with ripe red fruit. From the Country French Line by Meakin. 5-piece place setting, $18.75. Available in September; inquire J. & G. Meakin, New York. "Scandia" stainless steel flatware with lacquer red handles. Mikasa. 5-piece place setting, $30. Bloomingdale's, all stores. Cobbled surface "Chivalry" glass holds 13 ounces. 4-piece set, $3.80. Libbey Glass. J. C. Penney, nationwide. Scrollwork-piped tablecloth of linen and cotton, 72" x 90". With 8 napkins, $312. Pratesi Linens, New York, Palm Beach, Beverly Hills. Miniature cottages are handpainted stoneware by Denby. Each, $125, at fine stores across the country.

All photographs in this section by Raeanne Giovanni

Classic Paul Revere Bowl in hand-polished silverplate. Elegantly crafted to a 10¼" diameter. $75. Suggested retail price, subject to change without notice
GORHAM TEXTRON

Put a "Botanic Garden" in the kitchen, with a cookware pattern of that name. Portmeiron enamel on steel by Kosta Boda. Tea kettle, $63.50; large covered casserole, $76.50; covered saucepan, $69.50; open roaster, $45; covered fry pan, $63.50. Selected stores nationwide. Wall tiles from American Olean Tile. Katja towel.

Kitchen classics. Chrome finished Swing-A-Way can opener. $3.79. True Value Hardware Stores. Sunbeam Electric Frypan with SilverStone® lining. $48. Most stores. Case Cutlery knives. 3" blade, $5.50; 5" blade, $7.95. Maas Brothers, Tampa.

THE ENTERTAINING LIFE

For good cooking, easy serving

Convection Turbo Oven is portable for countertop roasting and broiling. Farberware. $260. Bullock's, all stores. Magnalite Professional Cookware from General Housewares Corp. 2 qt. covered saucepan, $40; 7 qt. covered stock pot, $64. Burdines, Miami. Mobile work surface is a butcher block drop-leaf pantry table, with steel-plated shelves and locking casters. $345. J. & D. Brauner/Butcher Block Stores, New York, Chicago.

For the perfect roast: Heavy duty aluminum bake pan, 10" x 13" x 2". Magnalite Professional Cookware by General Housewares Corp. $44. Bloomingdale's, New York. Carving platter, 14" x 11", from the Classic Teakwood Collection of Dansk Designs Ltd. $32.95. Burdines, Miami. Slicing knife and fork. Stainless steel; hardwood handles. Professional Series, Gerber Legendary Blades. Boxed set, $44.50. Hammacher Schlemmer, New York. Towel by Katja of Sweden.

Party colors for party drinks. Plastic glasses come in 9 colors and 2 sizes, highball and double old-fashioned. Dishwasher-safe. Gift-boxed set of 6, $15. Majestic Gifts. Neiman-Marcus, Dallas.

Left: A porcelain pot for tea—and lots of it. "Brombeere" holds 1¼ quarts. Designed by Hans Welling for Hummelwerk-Goebel. $50.60. Wherever Hummelwerk products are sold, nationwide.

Pitchers to fill with water, milk, lemonade, flowers. Two-tone ironstone by Staffordshire Potteries holds 4 pints. $18. Selected stores across the country. Blue/green ceramic by Larry Laslo for Mikasa. $40. Gump's, San Francisco. Hand-painted Quimper Ware, 8" tall. Imported by Foreign Advisory Service. $40. Georgetown Coffee, Tea & Spice, Washington, D.C.

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A trio of pitchers with infinite uses. Left to right: "American" glass ice jug by Fostoria holds ½ gallon of refreshment. $40. Outlet Co., Providence. "Fiesta" rolled-rim crystal pitcher designed by Bertil Vallien for Kosta Boda. $47.50. Tiffany & Co., New York. Plump pitcher of faceted glass by Schmid. $23. Fine stores nationwide.

Versatile kitchen aids. Frying pan lined with SilverStone® non-stick finish. 10¾" diameter. Wilton Armetale Cookware. $33. Bullock's, Los Angeles. 6-speed Food Processor slices, shreds, mixes. Hamilton Beach. $100. G. Fox, Hartford. Case Cutlery knife.

THE ENTERTAINING LIFE

More gift ideas for good cooking, easy serving

From 2 to 10 cups of coffee can be brewed and kept hot in the Quik-Drip® Coffeemaker with built-in temperature control. Permanent polyester filter. The West Bend Co. $46. Fine stores across the country. For fresh juice in an instant, just press cut fruit to the reamer of the Juicit®. Proctor-Silex. $26.95. Jack Eckerd Drugs, Southeast stores. Butcher block work table by J. & D. Brauner. $230. J. & D. Brauner/Butcher Block Stores, New York, Paramus, Chicago. Case Cutlery knife.

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The Ultimate Silverplate

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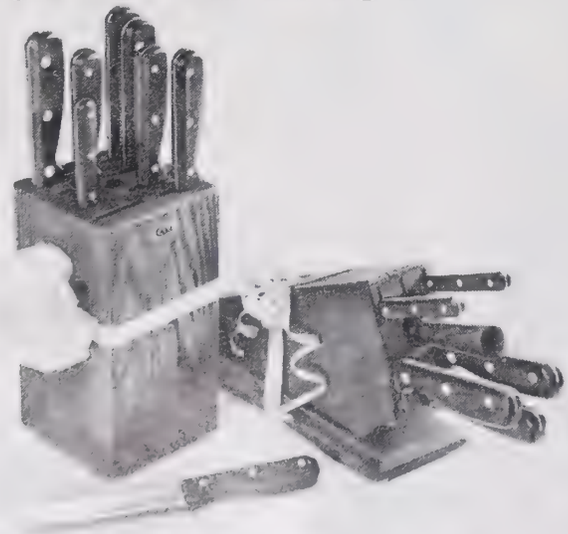

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CASE XX

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THE ENTERTAINING LIFE

Fold-Away Food Slicer has removable stainless steel blade, 3-way button control. Folds for storage. Rival Manufacturing. $66.95. Most major stores. Baker In A Hammock: Corning's Pyrex baking dish comes to the table in a canvas sling on a hardwood frame. $20. Fine stores across the country. Covered casserole of ceramic stoneware to use in microwave as well as standard ovens. 3 qt., $15 ($16.75 West Coast); other sizes, colors. Pfaltzgraff. Fine stores everywhere.

Dine in a garden wherever you are, with "Beau Jardin" porcelain by Gorham. Dinner plate, $20.70; 5-piece place setting, $79. Leading jewelry and department stores.

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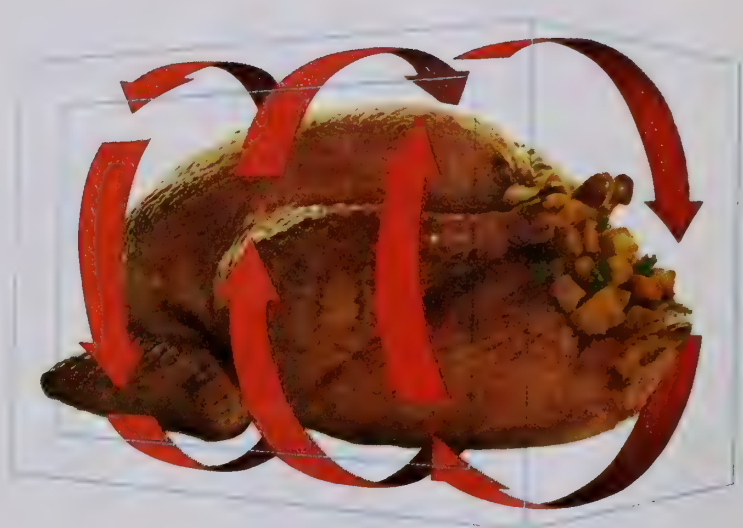

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In addition to saving you time, a Farberware Convection Oven saves you money and work.

It cooks so fast and efficiently, it requires less electricity than an ordinary oven. It works on ordinary household current, without needing any special wiring. And, because the air is constantly travelling in circles, it can't escape to heat up your kitchen. You can tell that's true; the oven's top and sides stay cool enough to touch.

It even cleans up after itself. The inside walls of our oven are treated to vaporize food splatters while the oven is on.

The Choicest Choices

Farberware wasn't content to make only one portable electric counter-top oven that would be vastly superior to any conventional oven made. So, we made three.

There's the Farberware Convection Oven with Precision Probe-A-Matic Control and brushed chrome look (shown below). Or, you can choose a Farberware Convection Oven without the meat probe, in either a brushed chrome or rosewood look.

All three give you great results and take less time, effort and work. And, all three sell for a lot less than other ovens that don't do nearly as much, nearly as well.

The Farberware Convection Ovens. They cook circles around all other ovens.

FARBERWARE®
Subsidiary of Walter Kidde & Company, Inc.
KIDDE
If it's worth doing, it's worth doing right.

S. Pat. No 3 828 760)
berware, 1500 Bassett Ave., Bronx, N.Y. 10461

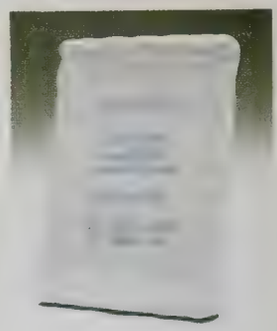
THE ENTERTAINING LIFE

Welcoming touches for the hospitable house

Staff of the entertaining life, homemade bread, is helped along with these marvels. KitchenAid Food Preparer does many mixing and processing jobs. $279.95 Optional Grain Mill Attachment mills flour, grinds coffee and grains. $89.95. Fine stores. For beautiful crusty loaves: Loaf pan, $2.65; French bread bakers, $3.96 each. Ekco Housewares. Selected stores. Stainless steel knife with laminated hardwood handle. $11.75. Case Cutlery Co. Foley's, Houston. Brauner table. Katja towel.

An old idea, always fresh—flowers delivered in a bowl. This bouquet was created by Jaime Cardona, The Rhinelander Florist, New York. The Rainbow Collection can be dispatched from most FTD retail florist shops.

For storing a round of energy, a solid steel log rack with rust-resistant finish. 32" diameter. Custom Wrought. $29. Selected stores across the country.



Individual menu stand in white porcelain, a pretty touch when dinner is sit-down. Each, $17.50. La Cuisiniere, New York.

Glass bowls, here filled with strawberries and powdered sugar, are ideal for salad greens. By Steuben. Hand-blown by Corey Powers. Each, $65. The Glassmasters Guild, New York. Sterling silver spoons in the "Grand Colonial" pattern by Wallace Silversmiths. J. W. Robinson & Co., Los Angeles

Forget-Me-Not" Aynsley bone china, 5-piece place setting, $47.50. F. & R. Lazarus Company, Ohio, all stores. Violet vase, $32.75. "Lismore" tumbler, $28 Both, Waterford Irish Crystal. Sakowitz, Inc., Houston. "Malmaison" silverplate by Christofle. 5-piece setting, $160. Selected stores. Hemstitched linen place mat, $13; napkin, $18. D. Porthault, Inc., New York. Barman International folding tray. $22.50. Arango, Inc., Miami.

Wild Oats.
Get 'em while they're hot.

Wild Oats is our answer to the back-to-nature phenomenon. Rugged, yet civilized, this oven-to-tableware goes happily into oven, dishwasher and freezer. (Microwave ovens, too.) Now there are even more serving pieces to tempt the most timid gourmet. Quiche dishes (2 sizes), ramekins and souffle dish—from $5 to $35. Regular 45-piece set for 8, $265; 20-piece set for 4, $110; 5-piece place setting, $36.50 (Suggested retail prices.) Wild Oats can be plain or fancy. It's strictly up to you. For brochure, please send $1 to us at 41 Madison Avenue, New York 10010.

MIDWINTER FOR
Wedgwood™

Wedgwood® is a U.S. Registered trademark of Wedgwood, Ltd.

Portable refreshment begins with a white tray, straw laminated to wood. Roe Kasian. $16. Lord & Taylor, New York. Cambric linen tray cloth and napkin, hand-embroidered in Madeira. Cloth and 2 napkins, $39.50. Leron Linens, New York. Dishes of tempered glass: "Oxford" by Bormioli. Soup (and berry) plate, set of 5, $12; dinner plate, 5 for $12; cup/saucer, set of 4, $14. Macy's, New York. Sterling silver flatware by Reed & Barton. The pattern, "Pointed Antique," was inspired by a Paul Revere design. 5-piece place setting, $550. Shreve, Crump & Lowe, Inc., Boston. Hand-cut, hand-blown crystal vase for flowers. Waterford Irish Crystal. $26.50. Gimbels, all East Coast stores.

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Magnalite Professional*

Magnalite.

Its even heat distri... covers preserve the ... food you cook. And, ... 'specially for you.
Magnalite — fine cast aluminum ... special people.

*Endorsed by Bert Wolf, America's ...

General Housewares Corp.

Fill a crystal basket with flowers, chocolates, cubes of sugar or cakes of soap. Lead crystal, 5" diameter. Gorham. $52.50. Leading jewelry and department stores.

Pour tea from a gleaming silver-plated teapot, its handle wrapped in bamboo. Rests on its own bamboo trivet. Gorham. $55. Leading jewelry and department stores.

The newest addition to the Franciscan Country Collection, Strawberry Fair is fresh as a May morning all year 'round. The handpainted pattern with light embossed blossoms, berries and leaves features soft romantic pastels. Like all the Franciscan Ceramic Strawberry Fair is dishwasher-safe, detergent-proof, and marvelous in the microwave.

Franciscan
Dinnerware

Franciscan Ceramics, Inc. 10351 Santa Monica Blvd. Los Angeles, California 90038

Beautiful way
to light up
a room
or a friendship

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Electric/Oil Incandescent Lamps

As a great new old-fashioned gift idea, give the warmth and beauty of a genuine **Aladdin** electric/oil incandescent lamp. As oil-burning lamps, their unique mantles glow with the brilliance of a 60-watt bulb. And, you can use them with an optional electric converter that allows you to change back to oil-burning operation quickly and easily in the event of a power outage.

Available in free-standing, wall-mounted, and hanging models in solid brass or handblown glass. Decorated shades are hand-painted and signed by the artist.

Many old **Aladdin** lamps are now valuable collectors' items!
Today's models may be tomorrow's heirlooms.

ALH, Inc., Dept. 201
P.O. Box 100255, Nashville, TN 37210

ALH™
A subsidiary of Aladdin Industries, Inc.

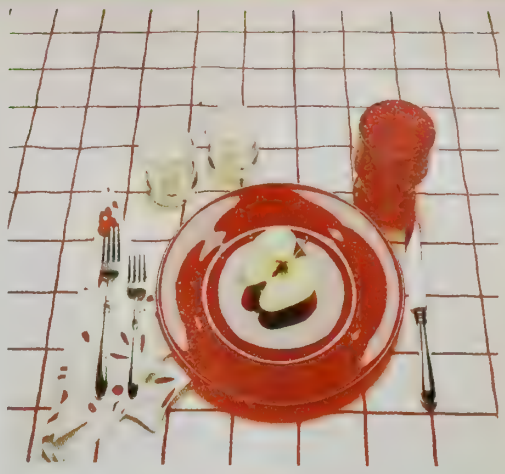
THE ENTERTAINING LIFE

The "Ultimate Hibachi" folds for storage, unfolds for tabletop grilling. Porcelainized heavy gauge steel, with teak handles. Weber-Stephen Products Co. $62. Fine hardware and department stores. Pump-A-Drink® dispenses one cold drink at a time from its gallon capacity. Aladdin Industries. $14.95. Cotter & Co. stores. Steak-and-Patio set. 3 knives and 3 forks, $70. J. A. Henckels Zwillingswerk, Inc.

For the outdoor entertaining life, folding lightweight furniture of enameled tubular aluminum. Adjustable chaise has seat of vinyl-coated polyester mesh. From the "Nomad" collection designed by Don Colby for Brown Jordan. Chaise, $299; side table, $130. Mayhew Home Furnishings, New York. "Amalfi" highball glass by Bormioli. Set of 4, $7. B. Altman & Co., New York. Sterling iced beverage spoon in the "Grand Colonial" pattern, by Wallace Silversmiths. Rich's, Atlanta. Pastel stationery, Open Stock Collection by Crane. Box of 50 standard half sheets, $3.50; box of 25 3-ply cards, $2.75; box of 25 envelopes, $2.50. Selected stores nationwide.

THE ENTERTAINING LIFE

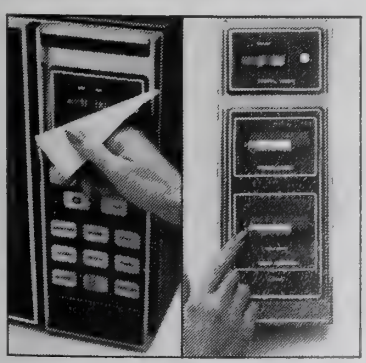
Take-out service with style: Bamboo tray by Blair Rubel. $50. Selected stores. Place mat and napkin of Laura Ashley cotton. Yard, $8. Laura Ashley, New York, Chicago. Porcelain dinner plate, "Printemps," is from the Gorham Museum Collection of Fine China. 3-piece setting, $48; 5-piece, $72. Gorham "Chantilly" sterling, 4-piece setting, $870. China and silver at fine jewelry and department stores. On-the-rocks "Brittany" glass holds 14 ounces. Seneca Glass Company. $20.70. Accent's, San Antonio. To fill it: Folonari's "Piccolo," Verona white table wine. Little ribbed-crystal vase by Schmid. $5.50 at fine stores. Porcelain salt and pepper shakers from La Cuisiniere, New York. Set, $15.



Summer brights: Dishes of ruby glass. Plate, $13.50; "Georgian Ruby" tumbler, $5.50. "Corinthian" Candle Lights. Pair, $12.50. All by Viking. Bloomingdale's, New York. "Sentimental" flatware by Northland Stainless. 5-piece place setting, $34. J. L. Hudson, Detroit. Tablecloth and napkin are made of silk-screened cotton and viscose fabrics by Marimekko..."Arithmetic 3" for the tablecloth, "Kukka" for the napkin. 54" wide. Yard, $15. Marimekko, New York.

THE NORELCO MICROWAVE OVEN

We took the buttons off. We kept the features on.



Norelco ends the mystery of microwave cooking. With a microwave oven that has no complicated buttons. Just 3 easy-to-use dials. Temperature Control lets you cook by temperature, instead of time. And keeps the food hot until you're ready to enjoy it. Power Level Control gives you a choice of 10 cooking speeds, from "Warm" to "Full Power." The Digital Timer helps you set cooking time with accuracy and ease.

The Norelco Microwave Oven also features an exclusive "Hands Full" door release.

So get the microwave designed simply for you. The Norelco Microwave Oven.
It has everything you need. Except the buttons.
And confusion.

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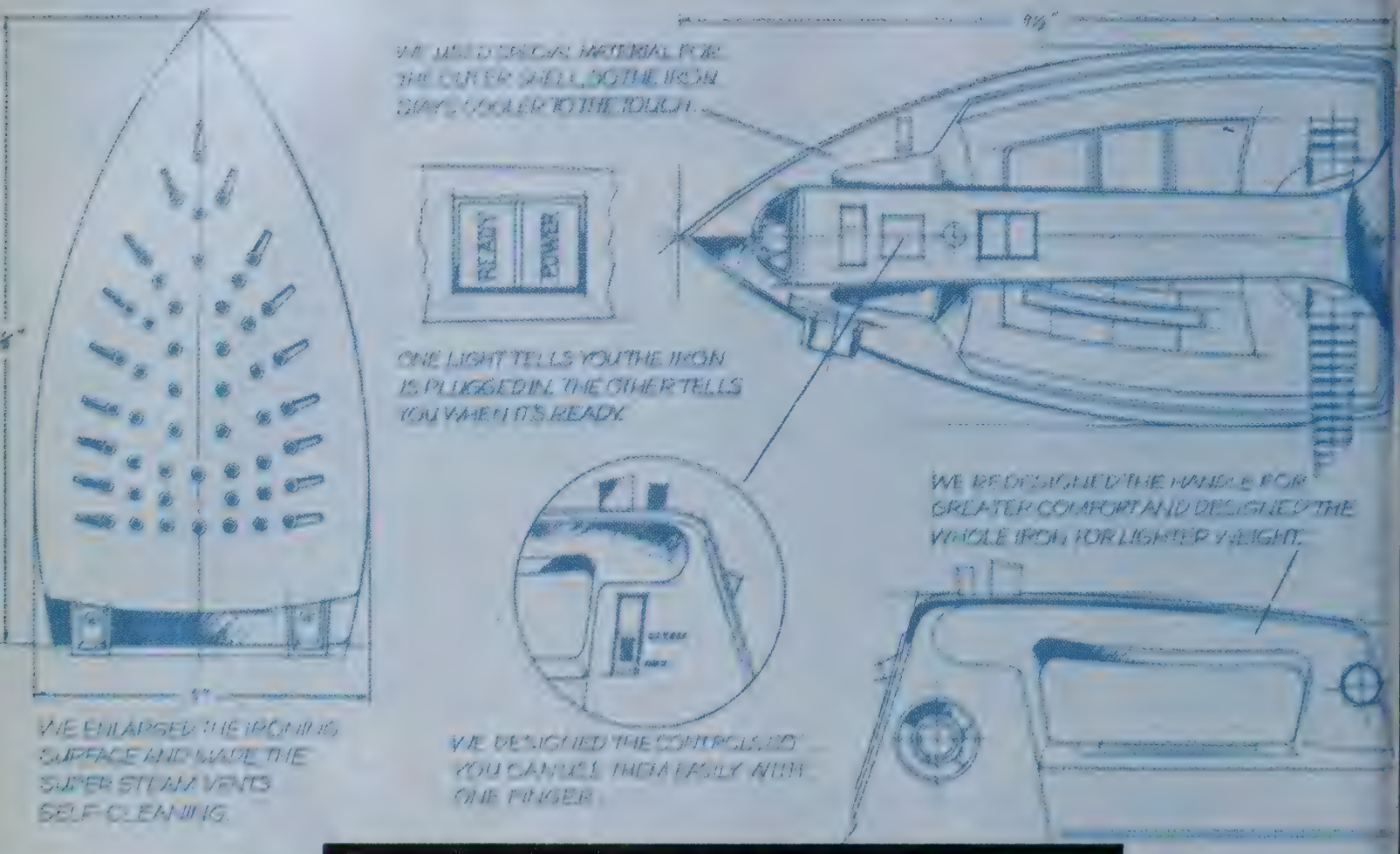
WE SLAVED OVER THIS IRON SO YOU WON'T HAVE TO.



When we at Proctor-Silex set out to create our newest iron, our goal was simple. To make ironing easier than ever.

And we worked harder than ever to do it.

The result is called the Lady Light™ iron, combining all the features we've developed over the years to make ironing easier, and many that are brand new.

- It's lighter and cooler to the touch. It's easier to handle.
- It has super steam action for quicker, smoother wrinkles.
- It has steam vents that are self-cleaning. It even takes ordinary tap water.
- And the Lady Light's international design makes it as advanced on the outside as it is on the inside.

The Lady Light iron from Proctor-Silex. It will iron out the problems you've always had with ironing.

Lady Light™ IRON

SCM PROCTOR-SILEX

STORES FEATURING

GIFTS FOR THE ENTERTAINING LIFE

Listed below are the complete addresses of stores mentioned in the preceding pages. All prices of suggested "gifts for the entertaining life" are approximate and do not include state or local taxes.

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San Antonio, TX. 78209

ACE HARDWARE
2200 Kensington Ave.
Oak Brook, IL 60521

AMBIENTI DESIGN, INC.
792 Madison Ave.
New York, N.Y. 10021

ARANGO, INC.
7519 Dadeland Mall
Miami, Florida 33156

B. ALTMAN & CO.
361 Fifth Avenue
New York, N.Y. 10016

BLOOMINGDALE'S
1000 Third Avenue
New York, N.Y. 10022

BULLOCK'S
7th and Hill Streets
Los Angeles, CA. 90055

BURDINES
22 East Flagler Street
Miami, Florida 33131

COTTER & CO.
2740 Clybourn Avenue
Chicago, IL. 60614

D. PORTHAULT, INC.
57 East. 57th Street
New York, N.Y. 10022

DAYTON'S
700 Nicollet Mall
Minneapolis, MN. 55402

F & R LAZARUS COMPANY
High and Town Streets
Columbus, Ohio 43215

FOLEY'S
1110 Main Street
Houston, TX. 77002

G. FOX & COMPANY
960 Main Street
Hartford, Conn. 06103

GEORGETOWN COFFEE, TEA & SPICE
1328 Wisconsin Avenue
Washington, D.C. 20007

GIMBELS
1275 Broadway
New York, N.Y. 10001

GLASSMASTERS GUILD
621 Avenue of the Americas
New York, N.Y. 10011

GUMP'S
250 Post Street
San Francisco, CA. 94108

HAMMACHER SCHLEMMER
145 East 57th Street
New York, N.Y. 10022

I. MAGNIN
Union Square
San Francisco, CA. 94108

J.C. PENNEY COMPANY, INC
1301 Avenue of the Americas
New York, N.Y. 10019

J. & D. BRAUNER
BUTCHER BLOCK STORES
316 East 59th Street
New York, N.Y. 10022

J. & D. BRAUNER
BUTCHER BLOCK STORES
35 Plaza East 65 Route 4
Paramus, N.J. 07652

J. & D. BRAUNER
BUTCHER BLOCK STORES
1735 North Ashland Avenue
Chicago, IL. 60622

J. & G. MEAKIN (manufacturer)
41 Madison Avenue
New York, N.Y. 10010

J.L. HUDSON
1206 Woodward Avenue
Detroit, MI. 48226

J.W. ROBINSON CO
7th, Grand and Hope Streets
Los Angeles, CA 90017

JACK ECKERD DRUGS
P.O. Box 4689
Clearwater, Florida 33518

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New York, N.Y. 10021

LAURA ASHLEY
714 Madison Avenue
New York, N.Y. 10021

LAURA ASHLEY
1827 Union Street
San Francisco, CA. 94123

LAURA ASHLEY
6-26 Watertower Place
835 North Michigan Avenue
Chicago, IL. 60611

LERON LINENS
745 Fifth Avenue
New York, N.Y. 10022

LORD & TAYLOR
424 Fifth Avenue
New York, N.Y. 10018

McCURDY'S
285 East Main Street
Rochester, New York 14604

MAAS BROTHERS
Franklin and Zack Streets
Tampa, Florida 33601

MACY'S
151 West 34th Street
New York, N.Y. 10001

MARIMEKKO
7 West 56th Street
New York, N.Y. 10019

MARSHALL FIELD & COMPANY
111 N. State Street
Chicago, IL. 60690

MAYHEW HOME FURNISHINGS
509 Park Ave.
New York, N.Y. 10022

NEIMAN-MARCUS
Main and Ervay Streets
Dallas, TX. 75201

OUTLET CO
176 Weybosset Street
Providence, R.I 02902

PRATESI LINENS
829 Madison Avenue
New York, N.Y. 10021

PRATESI LINENS
324 Worth Avenue
Palm Beach, Florida 33480

PRATESI LINENS
9540 Brighton Way
Beverly Hills, CA. 90210

RICH'S, INC
45 Broad Street
Atlanta, GA. 30345

SAKOWITZ, INC
1111 Main Street
Houston, TX. 77002

SAKS FIFTH AVENUE
611 Fifth Avenue
New York, N.Y. 10022

SHREVE, CRUMP & LOWE, INC.
330 Boylston Street
Boston, Mass. 02116

THE BOMBAY CO
1 French Market Place
New Orleans, LA. 70116

THE BOMBAY CO
Uptown Square
New Orleans, LA. 70118

THE BOMBAY CO.
2945 Old Canton Road
Jackson, Miss. 39216

THE RHINELANDER FLORIST INC
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New York, N.Y. 10021

TIFFANY & COMPANY
727 Fifth Avenue
New York, N.Y. 10022

TRUE VALUE HARDWARE
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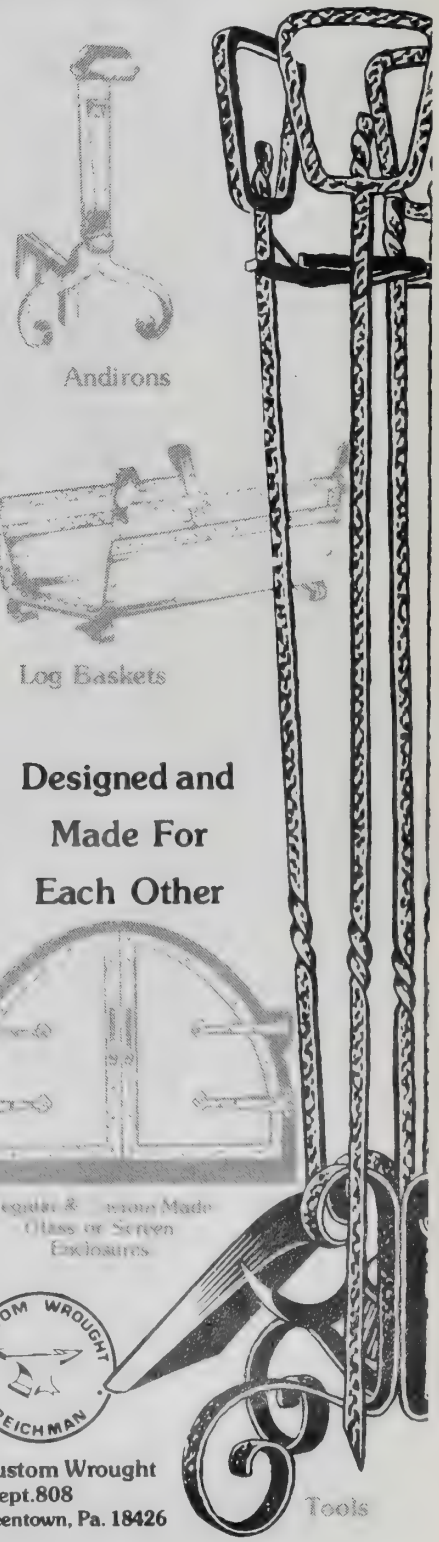

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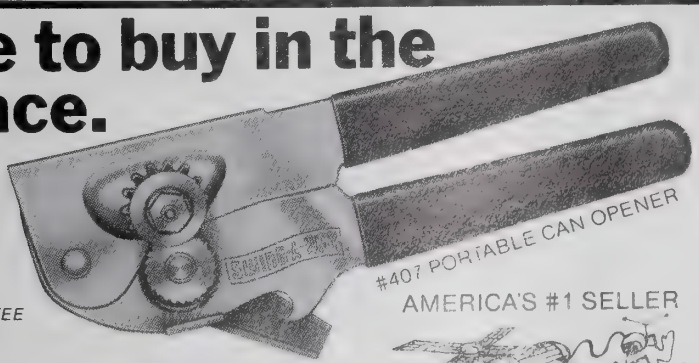

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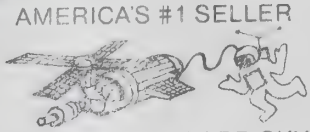

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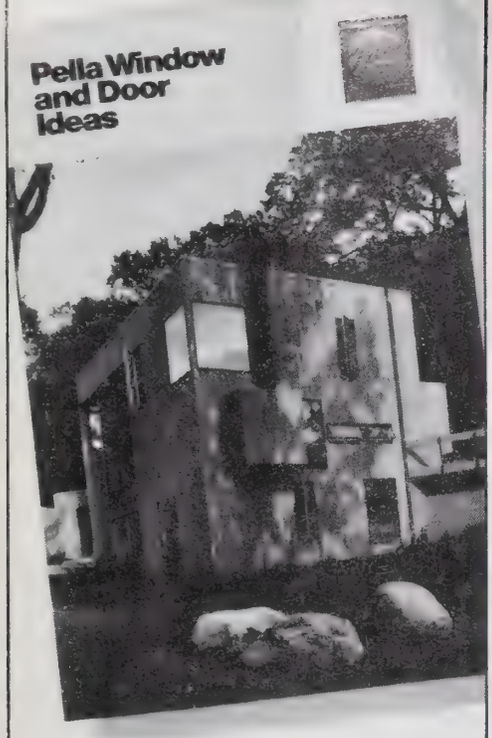

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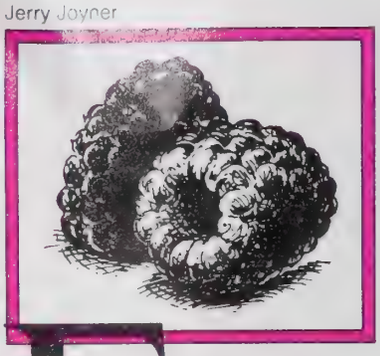
COUNTRY NOTEBOOK

Jerry Joyner



"Raspberries are my aristocrats, elegant, evasive, treasured"

Every summer I have an intense affair with my raspberries. And the pleasures and passions received from them are far more emotional than any pea picked, any carrot pulled from the vegetable garden. The first tomato, round and red, I must admit gives a certain sense of pride. It's the first merit badge. But soon they become overbearing, and I give them away easily without regret. My raspberries are the aristocrats. Elegant, evasive, more difficult, more treasured.

They hide like children who don't want their hands washed. But knowing what's good for them, I invade their privacy. With overwhelming self-confidence, obvious greed, I must be quicker than the birds, and more clever, hoping they feast on the nearby mulberry tree.

Four weeks of my life, the last of June and the beginning of July, are ruled by this precious crop. Other summer fun fades. And quite frankly, my berry fingers are better than my backhand. I think only raspberry. In the morning, before it gets too hot, I start picking.

I fashion a comfortable working basket by tying a long rolled cotton scarf to each side, the loop going around my neck. The basket hangs at my waist, leaving both hands free. And while I pick, I hoard, reluctantly offering to anyone passing by perhaps one or two berries, no more. Only after the berries are made into jam do I become more generous. Somehow then the deed is done, I have captured as many as possible and can begin to share.

Probably part of my devotion is a determination to keep the family line continuous. I inherited my raspberries from a son who inherited them from a grandfather. Other family possessions are passed down, fine silver, old tuxedos, but the berries come alive each year, every year. My son would care as I do.

It takes a good hour each day to pick the raspberries. Strawberries, which I no longer have, look up at you, but for the raspberries I get down on my knees. And the taller branches I bend back into wide curves, like Fred Astaire leading Ginger, to find the hidden red domes of the berries below. There must be a raspberry Mafia out to get me, because my arms become scratched, my feet tangle with lower branches. But a full-berried basket is worth the risk. My eye measures five cups of berries, four jars of jam.

Peace only comes when the berries are bubbling on the kitchen stove. I'm stirring the pot as country women have been doing for centuries, repeating a pattern of love, making sweets for family and friends. I boil the jars saved over the year, containers for artichoke hearts, bouillon cubes. Sugar is measured but as little as possible, paraffin is heated with great care. Jar lids become camouflaged with flowered fabrics, labels written with careful calligraphy, each day the cupboard shelf grows closer with jars of jam.

At last the day comes when my summer collection is complete. And there they stand and wait. The joy and pride is the giving, one by one, slowly over the year. A surprise jar for a honeymoon breakfast, others for winter teas. The day I pick the last berry, the first peach always seems to be ready. But it isn't quite the same. Maybe peaches are just too easy. They practically beg to be taken, while raspberries tease.

■ Other ways to use raspberries

In late September, early October, we have a second crop, but not as bountiful. And as my closet is already filled with over 50 jars of jam, I make an 1835 dessert with fresh raspberries, which I found in *Maryland's Way,* a cookbook published by the Hammond-Harwood House in Annapolis, Md. (To order the cookbook, send $8.95 plus $1.25 to cover postage and handling to Hammond-Harwood House, 19 Maryland Ave., Annapolis, Md. 21401.)

Raspberry fool

Ingredients:
2 cups raspberries
½ cup sugar
½ pint whipping cream

Method:
Clean raspberries; add sugar to fruit and let stand to extract juice. Mash berries slightly, and bring slowly to the boil. Cook until soft, and pass through a sieve. After it is cold, whip the cream and add the fruit. Put on ice for 2 hours. Serve with wafers or sweet biscuits. ■

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Vines climb into place as popular house plants

■ *Hoya carnosa,* **left,** *in bloom at the Harriet Beecher Stowe house.*

As house plants, vines will fill a window or wall with lush growth and colorful flowers

BY RICHARD LANGER

In nature, vines are fillers. They're usually right at home between the branches of other plants. For the most part, vines are not parasitic, but still the plants they climb up and over are often referred to as hosts. And, in fact, the vines may take over completely, as when bittersweet slowly strangles the tree that it ascends.

Indoors, this takeover problem is less severe, although some care and consideration must be given to the plants' unique growing pattern when deciding where to place them. The way in which the vines climb can also be decisive in choosing their growing corner.

Basically, vines—or climbers as they are called everywhere except in the U.S.—ascend by three distinct means. Either the plants' stems simply twist themselves around whatever is handy or climbable—in the manner of morning-glories—or, like members of the pea family, the plants have special tendrils which reach out and grasp for support. The third group, which has the fewest number of plants in it, climb by the use of aerial roots. These are the most persistent vines and, like the Virginia creeper, will actually dig into the very mortar of the wall they are laddering. This makes them unsuitable for indoor growing unless you intend never to move the plants or paint your walls.

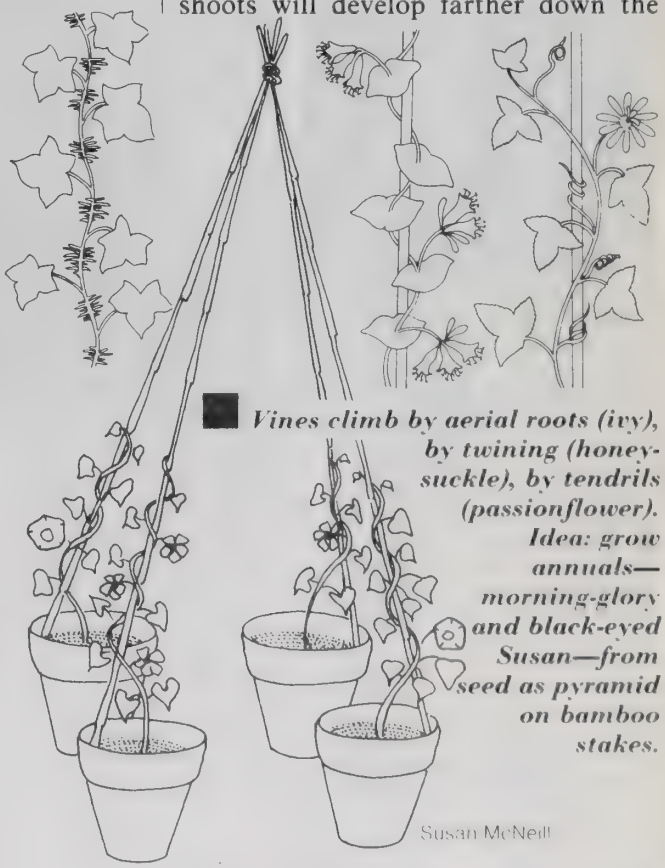
For the indoor grower, there is a fourth class of vines which really aren't climbers. Traditionally known as trailers, this group includes the wax plant, *Hoya carnosa*, some unusual begonias, and other floriferous plants that can be convinced, with a little conniving, to become striking climbers.

One of the outstanding characteristics of most vines is that they are intrepid growers—action plants, whose progress up or sideways can be measured week by week, which somehow adds an extra sense of accomplishment to their cultivation. It also means that they are not the easiest plants to move. Once *Passiflora*, or passionflower, has framed your whole window with luxuriant growth, you don't just pick up the pot and move it to another room. You can, of course, prune it severely and then move what remains. It will really only strengthen the plant. But if you haven't the heart to prune it, it's easier simply to locate the vine where you expect it to reside permanently.

Whatever location you choose, it should provide good light, 2 or more hours of direct sunlight a day. Evergreens such as pothos, cissus, and ivies grown purely for their foliage are an exception to this sun requirement. And hoya may become sunburned if exposed to a lot of direct sun in the wintertime. But, as a rule of thumb, flowering vines are very light-intensive in their needs.

Moisture is another consideration. It's a long way for the plant to pump water from the roots to the growing tips of most vines. Atmospheric moisture is a must. A relative humidity of less than 50 percent is usually an open invitation for spider mites to picnic on your vines.

Root moisture is also essential. A plant that is allowed to dry out may never recover—at least its top may not. The lengthy moisture-transporting system collapses somewhere along the line, and the plant's outer extremities atrophy. Cut off the affected parts. Usually new shoots will develop farther down the vines. They really are quite forgiving. However, letting the roots become dry may induce enough of a shock to keep the plant from blooming again for a whole year.



■ *Vines climb by aerial roots (ivy), by twining (honeysuckle), by tendrils (passionflower). Idea: grow annuals—morning-glory and black-eyed Susan—from seed as pyramid on bamboo stakes.*

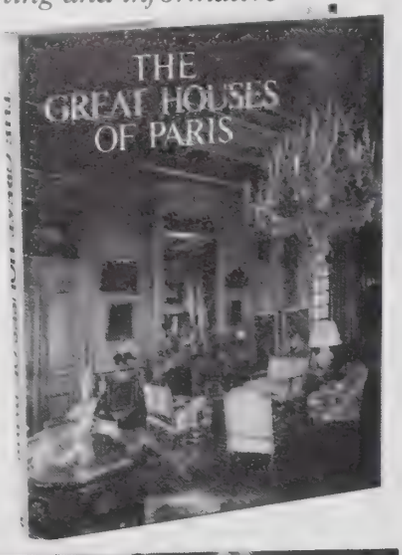
Along with regular and usually copious watering, vines need to be fertilized regularly. An 8-inch pot filled with a rampantly growing jasmine may well have much more plant in it than other

Continued on page 117

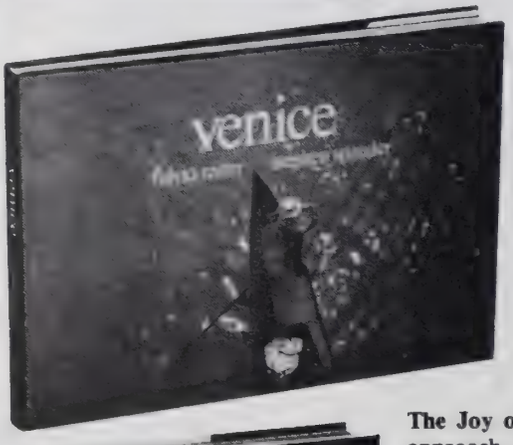
House & Garden selects...

Out of a wide selection of new titles that are to appear this fall the editors of House & Garden have chosen six they believe you will find most interesting and informative

Chinese and Exotic Rugs (D) The author, Murray Eiland, breaks new ground as he explores the rich material from mainland China and other Asian countries, from North Africa and the Balkans. Devoting separate chapters to each region, he surveys the history of rug weaving in the area and its current industry, discusses designs and symbolism, materials and techniques. $36.50 postpaid.



The Great Houses of Paris (A) This book is a sampling of the magnificent *hôtels particuliers* built throughout Paris from the 15th to the 19th centuries. It is about the extravagant lodgings of the aristocracy —the houses' historical significance and their beauty, $51.50 postpaid.

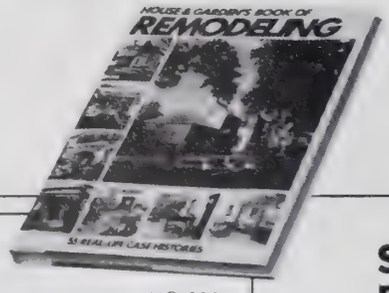


Japanese Gardens (B) the definitive work on the Japanese garden. A magnificent visual celebration of the world's greatest form of landscape gardening; divided into six main chapters, lavishly illustrated. The book explores in detail every aspect of the Japanese garden—its rich historical background, its infinitely varied style and composition. $71.50 postpaid.

Philip Johnson/John Burgee (C) This stunning volume—a large, handsome, beautifully printed book—contains the major works of two of the greatest architects of our time, from the beginning of their partnership in 1967 to the present. The book contains all of their works—the photographs, drawings and details of their projects for the past 12 years. $41.50 postpaid; available after 12/1/79.

The Joy of Venice (E) The approach of this essentially visual book is to look beyond the obvious and conventional sights of Venice. The photographs are all in color, and there is an introduction by Stephen Spender. $46.50 postpaid.

The Orchid (F) Over 150 extraordinary photographs by T. Kijima capture the beauty of the orchid. They are accompanied by essays describing the history of the orchid family, their fascination to man, their classification and distribution and, of course, their cultivation in the modern home. This sumptuous volume comes in its own handsome slipcase, and makes the perfect gift book. $41.50 postpaid.



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continued from page 115

greenery in an equivalent-sized pot. All those vines, going off in various directions, added together make for a large biomass. If you're not currently fertilizing your plants with a dilute solution at each watering or with time-release capsules, consider doing so for your vines. It will make a blooming difference.

This is particularly true during the dark of winter, when the fragrant wonder jasmine bursts into flower. Actually it may start blooming as early as September if it's *Jasminum officinale*. But even if it does start that early, flowering will continue into the holiday season. *J. polyanthum*, from China, blooms later, usually reaching its peak in January or February. Jasmine likes lots of sun. Its roots do not, preferring a cold footing. The jasmine's pot should always be in the shade and never near a radiator.

Shortly after the jasmines flower, the hoyas come into bloom. *H. carnosa* is a particularly good specimen for those wanting large climbers. Some specimens will crawl 15 feet out of their pots before they reach the end of the vine. They are wonderful plants—with a few caveats. For starters, they rarely bloom indoors till their fifth or sixth year. Patience is a virtue here—or buy old, established specimens. Secondly, they love moist soil, but object with leaf-dropping certainty to overwatering. Use plenty of shards at the bottom of the pot and mix 10 or 15 percent charcoal into a rich potting mix for them, including also a liberal dose of sphagnum moss.

Incidentally, the flowers develop long short spurs that take time to mature. Be careful not to injure these when tying the plant up along its climbing support, or you'll have plenty of vine but no bouquet.

Another plant well worth growing is one of the *Passiflora* genus. Latching on with tendrils to anything around it, *Passiflora* is a most vigorous grower. The blue flowering *P. caerulea* and the blue and white *P. edulis*, also known as the purple granadilla because of its purple fruit, are the most readily available specimens. They grow easily from seed as long as the soil is rich and moist. Lots of sunshine is a necessity for this tropical one to grow its best.

The large, fragrant flowers open in the morning and close at night. An old Brazilian trick to keep them open for late-night enjoyment is to put a single drop of wax at the very center of the flower. Once the flower is waxed, it can be cut and will remain open for the night. Even so, it will last only one evening.

Archetypical of the flowering vines is bougainvillea, whose very name evokes romantic images of the tropics. Not as easy to grow as some of the other vines, it does become, once it's decided to

Continued on page 217

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TRAVEL GOING PLACES, FINDING THINGS

Sun Valley

The best of summer in a winter resort

BY CAROLINE SEEBOHM

Does Sun Valley make you think of skiing? Think again. It isn't called Sun Valley for nothing. In fact the sun usually shines there 300 days out of 365. Sun Valley is also in the largest wilderness area of the U.S., and as more people search for the great American outdoors, the fabulous mountains and valleys of this Idaho retreat are going to look even sunnier.

Last July we drove the long route from Boise to Sun Valley along the old Oregon Trail, originally blazed by migrating settlers going West: First the landscape is rocky desert bluffs and ranges; then a Ponderosa pine forest. We pass emerald green lakes and streams, cabins with aluminum roofs (so the snow can slide off easily). Interlocking pine log fences zigzag along the country road, until we reach the jagged peaks of the Sawtooth Mountains, signaling our arrival in Sun Valley.

The valley is really three interconnecting villages. Sun Valley itself was developed by Averill Harriman, President of the Union Pacific Railroad. He wanted to attract passenger traffic to the West and to the splendid Sun Valley Lodge, a fascinating building made of poured cement stenciled to look like wood (but unburnable), where you can see the large ice rink Sonja Henie made famous in *Sun Valley Serenade*. Ketchum is where most of the local residents live. Not elaborate, it is the famous hideaway of the Hemingway family. Elkhorn Village is the newest addition to this rapidly-growing area. A series of condominiums dominated by the Elkhorn Village Inn, it boasts golf courses, swimming pools, tennis courts, and all the other accouterments of healthy summer living that are also available in Sun Valley and Ketchum. Towering above the valley is Mount Baldy, said to be one of the best skiing mountains in the world. Its surface is crisscrossed with ski runs, and in summer it looks down with haughty dignity at the hot-weather activities below.

It's a health-oriented spot all right, and we confirmed city-dwellers found ourselves looking at our bodies in a new way—mostly underwater, since one of

Continued on page 123

Yugoslavia

Music and theatre indoors and out in an old walled city

Chamber music in a Dubrovnik palace

One of Europe's best-kept secrets: the Dubrovnik Festival, this year July 10–August 25. Every summer this 16th-century city-in-stone on the Yugoslav coast plays host to performers from all over. This year's six-week program includes concerts by London's Academy of St. Martin in the Fields, The Hague's Philharmonic, recitals by guitarist Julian Bream and N.Y. Met soprano Martina Aroyo, and the London Contemporary Dance Theatre. While what draws people are the performances, the city itself makes an incredible setting. Concerts are held on the steps of a Franciscan church, in front of the Venetian-style Sponza Palace, or in the small, intimate atrium of the Rector's Palace. For Shakespeare in Serbo-Croatian, see the midnight performance of Richard II; actors move between three stories of the medieval Fort Lovrjenac, weaving in and out of arches and shadows—all within view of the audience. Add a night sea air and real bats circling the turrets and it all translates into dramatic Esperanto. Buy tickets for all performances in advance at one of the ticket offices within the city. For information and this year's program, write the Yugoslav National Tourist Office, 630 Fifth Ave., New York, N.Y. 10020. More on a super Yugoslav resort on page 126.

Britain

Visit 8 historic houses with their owners as your hosts

14th-century Penshurst Place in Kent

For some Americans, visiting English country house museums is as compulsive a pastime as there is. Real house-touring fanatics, then, will enjoy taking a special tour of English houses that are in some cases unavailable to the public except on this tour. Family Heritage Journeys, organized by the Viscount De L'Isle, offers 10-day tours of eight English houses that represent almost every period of England's architecture and design. At each house, the owners show you their collections, invite you for lunch or dinner, and in one case, ask the group to spend the night. (Men should take dinner jackets, women long evening skirts.) Begin in London with a special tour of the Wallace Collection (everyone stays at the Cadogan Hotel, Sloane Square, a small hotel made of four Victorian town houses). Next day: to Knebworth, the large turreted Victorian house of novelist Bulwer-Lytton and now his descendants. Then to York and Derbyshire. At Georgian Sledmere: a Capability Brown park. Mr. and Mrs. Reresby Sitwell lead the tour around Renishaw Hall, the H-shaped manor house with its subsequent Regency wings. And more. The last day the group dines in Kent with Lord and Lady De L'Isle at Penshurst Place, an enormous house, once a royal palace and for the last 400 years the home of the Sidneys. Look for portraits of Elizabeth I and a cathedral-like great hall. The tour price, $2,225, does not include airfare or the single-room supplement, which is an extra $225 per person. Four tours are organized in September, October. To reserve: Dial Britain, 1735 Eye St. N.W., Washington, D.C. 20006; (800) 424-9822. Ask for Kathleen.

Islands, trip tips, page 124

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ntinued from page 118

e things we liked most about Sun Val- was its hot-water bathing. Most of e hotels have a hot whirlpool bath lus saunas and steamrooms) that othes muscles after a strenuous horse- ck ride or tennis game. The most ex- ing discovery of all was that there are least *14 natural hot springs* of varying grees of intensity and mineral content thin an 80-mile radius of the valley— any of them free for all to enjoy.

wtooth Mountains surround Sun Valley

Now don't get alarmed and start pic- ring naked Ketchumites leaping about wild hot-spring antics—it's much ore sensible than that. The Wood Riv- Valley has a series of hot springs that erge from the earth under pressure, it believed, from volcanic action. Some them have been turned into spas. Oth- springs, concealed in a wooden hut or somebody's backyard, can only be ached by a knowledgeable guide. The t springs at Clarendon, Hailey, Guyer, d Warfield are some of the places ere you can enjoy the geothermal en- y provided by this natural source. To t the power of the minerals in the wa- , just put any silver item, such as a g or bracelet, into the water and tch how quickly it turns black. (It re- ns to its normal color after about a y.) The sulfur smell will also tip you . Hot springs in the area are also used heat houses and pools—a wonderful tural source of energy.

Eating in Sun Valley has recently be- me a little more sophisticated. One of most formal restaurants is the Chris- na in Ketchum, a large A-frame lding specializing in lamb and veal, h delicious squaw bread (honey and ole wheat). We particularly enjoyed Warm Springs Ranch restaurant, h its pond full of trout, where we lin- ed over fresh mountain trout baked sherry, hot sourdough rolls with hon- butter, blueberry cobbler and lemon eesecake. Also in Ketchum, it's fun to ve lunch outside at La Provence, ich has fresh fish and salads. A more ical eating place is The Chart House Elkhorn Village, which has steak and food, and is situated in a huge barn.

For a day trip out of the valley, take a nic to Redfish Lake, a 1-hour drive ng Route 75. It is an alpine lake, med by the Sawtooth mountains, with sandy beaches, sailing, swimming, and a sense of serenity. We were taken there by an old English friend of mine, Peta Rimington, who owns a gourmet food shop in Ketchum called A Matter of Taste. It's one of the very best you'll find anywhere. She carries every kind of delicious foodstuff, from dried chanterelles to 20 different types of coffee. She has homemade cheesecake, a vast array of herbal remedies in jars, all hand-labeled, shelves of home-canned jams, honeys, and chutneys. She also gives cooking classes, mostly based on Japanese cuisine, and sells accessories, too, such as copperware and iron skillets. For our picnic at Redfish Lake she brought three European cheeses—a special French Brie de Meaux, English Leicester, and German Bruder Basil, along with French bread, cucumbers and baby pickles, apples, giant nectarines, plums, and a chilled Vouvray. We finished with an almond twist from Pendl's, the pastry shop in Ketchum.

Although Sun Valley itself has done no new building in three years—and has no plans to—in Ketchum and Elkhorn Village condominiums are being built all over the place, both for summer and winter use. We talked to Patricia Christensen and Carole Feddis, owners of the area's major decorating firm—Tallerken. They do a package-decorating job for new condominium owners. "Sun Valley is a mountain retreat for people as far afield as San Francisco and Seattle," they told us. "They all look for the same decorating ideas—browns, rusts, earth tones, batiks—a strong American Indian influence in fabrics. We deal in all-weather decorating: carpets that take the sun, floors that can take snow, ski storage—we suggest oak racks with drip pans to collect the snow. Sun Valley is 6,000 feet high, with no humidity, so we need tough wood for furniture—oak is good as long as it is glued correctly."

The amazing climate—hot, dry, with all the summer living facilities, including fishing and white-water running (the Salmon River near Sun Valley was chosen for President Carter's white-water trip), make Sun Valley a good place to create one all-year-round season—sun, health, and hot springs eternal.

■ Getting there

United Airlines flies to both Boise and Salt Lake City, where you can connect to Hailey (11 miles from Sun Valley) on Key Airlines, Gem State, or Mountain West. Or, rent an Avis or Budget car—Sun Valley is a 158-mile drive from Boise, 300 miles from Salt Lake.

Where to stay

The Sun Valley Lodge is the elder statesman of the area. The Sun Valley Inn is also a popular place to stay. The younger set enjoy the Elkhorn Village Inn. All three places provide both hotel and condominium services.

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Travel/Going places

continued from page 123

Thousand Islands

An island of our own

BY WARD MOREHOUSE

If you've had your heart and mind set on an island of your own, the Thousand Islands may just be Shangri-La.

"Fancy Rock," our island, is one of the more than 1,700 "Thousand Islands" in a 50-mile stretch of blue St. Lawrence River from Kingston, Ontario, north to Brier Hill, New York.

Two-and-a-half-acre Fancy Rock is on the Canadian side of the St. Lawrence, a half-mile from the lazy, sparcely-populated river "port" of Rockport, Ontario. From our screen porch, set up on a bouquet of rocks, we see our St. Lawrence to the north, south, and east—and Manhattan fades from thought. To the north, the most majestic view, the islands trail for miles like so much penny candy on an uncoiled blue ribbon. But despite the tree-top panorama from the main house where my parents are, my wife and I prefer to stay in the "cabin" at the other end of the island. Instead of a porch table to eat breakfast on, Fancy Rock's biggest rock, "thinking rock" (it juts out of the water like a beached whale), becomes our breakfast table, nook, and tower of Argus. The menu: coffee, toast, strawberries from a nearby island farm, and conversation. Will we take an early morning "dip," play tennis, go shopping, garden, or just have a "dock day," as we call swimming and reading and swimming and reading all day long?

Open during the summer: Boldt Castle

But it's not all play and no work. Island living means responsibilities. Anyway, doing it yourself is really half the fun—well, maybe a quarter of it. Boat decks have to be polished, boat engines aired, kerosene lamps filled (we use them by choice, not necessity), beds must be made, and the water pumped.

One of our favorite off-island trips is to Gananoque, Ontario, 12 miles by car from Rockport. First stop in "Gan": a main-street bakery for a warm "pig in a blanket"—a sausage wrapped in a pie crust. Beaver Hall Antiques, Ltd., 21 King St. East, is another must. Gleaming silver, books, paintings, and furniture are arranged as if they were someone's real but over-cluttered living room, dining room, and study. Last summer we laughed at an old painting of a French government building with a real gold pocket watch positioned where a painted wall clock would normally have gone.

I'm afraid I'm an incurable island buyer in my mind's eye. It never fails. Every year, I open the *Thousand Island Sun*, a weekly newspaper published in Alexandria Bay, and for a few glorious moments feast on the fare of islands for sale. Here is a summer of '79 sampling: "Belle Island, near Thousand Island Club. Bare island with power and phone to island. Naturally protected harbor, dock. $36,000. Rimada Realty, Watertown, New York." Or this: "Island Kate. Historic private island just a footbridge off Wellesley Island (largest of the Thousand Islands), patios, docks, boat houses, seawalls, gardens, breathtaking views of the channel and the Thousand Islands bridge. The home is elegant, loads of windows, stone fireplace, 1½ baths, three airy bedrooms. Move in without dusting. $75,000. Mr. Real Estate, Alexandria Bay, New York."

But back down to reality, Mary Dobbins, a real estate agent in nearby Redwood, New York, says people are always looking for an impossible island for under $25,000. She cautions: "Even a basic cottage on the mainland (but with "river view") is very hard to find for under $30,000. Yet, for $125,000 or so, a big Victorian house on an island may be yours at perhaps a fifth of the price of a similar home in Greenwich, Connecticut, or Scarsdale, New York." But, remember, this "discount," if you can call it that, is because the Thousand Islands lie some 350 miles from Manhattan by car and the season there is short. July is the best month weatherwise and August comes next. June is beautiful but can be cold.

With these facts in mind, Mrs. Dobbins says a 29-percent downpayment is usually acceptable, and the best time for island-hunt is in the spring. You can write her in care of Strout Realty, Inc., Main Street, Redwood, N.Y. 13679.

Another real-estate company to try: Alexandria Bay Realty, 140 Church St., Alexandria Bay, N.Y. 13607. Their island-lands-for-sale, all with houses already on them, range from $30,000 to $425,000.

The next best thing to island-owning is the small but choice group of hotels on the St. Lawrence. The Thousand Island Club, located on Wellesley Island, offers a double room, double occupancy, for $43 to $50 a night. A single: $53–$60. Cottages on the premises are best for a large family. "White Top" cottage is

Continued on page 12

Acapulco Sailaway

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Travel/Going places

continued from page 124

right angles to the river; $600 a week. There are three twins, a single, living room, dining room, kitchen, porch, and a private dock.

Two other spots offer island approximates. Also on the American side of the river: Pine Tree Point is on a 40-acre wooded peninsula on the outskirts of Alexandria Bay. Many rooms peer straight across to Canada. On the Canadian side of the St. Lawrence, it's hard to beat the rustic "Caiger's Lodge" in Rockport. If you are a fisherman who hasn't caught that "big one" in a long time, guides "virtually" guarantee a catch.

■ Islands for rent

Islands are usually rented on a seasonal basis—Memorial Day to Labor Day. Dick Walser, of Mulroy Realty in Alexandria Bay, both rents and sells islands, and he estimates that to rent a house for a family, on its own well-equipped island, you can expect to pay from $2,500 to $4,000 a season. Short-term rentals are hard to get but sometimes turn up at the last moment. The usual rent is $1,000 a month, $250–$300 a week.

Sveti Stefan

A walk-on island in the Adriatic

On a tiny island so close to the Montenegrin coast as to be moored off it, Sveti Stefan is a "hotel" made from a cluster of little houses that until recently made up a deserted fishing village. Today Sveti Stefan has become a wonderful luxe hideaway. The "hotel" consists of 37 little stone houses with red-tiled roofs, connected by trim walkways lined with oleander, pomegranates, bougainvillea, and hibiscus. The houses look much as they did when island fisherman lived there, but the insides have been gutted and modernized into attractive but simple suites, two per house. The dining room is in a separate building of its own. As you climb the island's walkways you'll come to the tiny little church of St. Stephen—Sveti Stefan—which overlooks the village.

There's not much to "do" on the island: You can swim, sun on the beach, disco-dance in the nightclub, or try your luck at the small casino. It's the solitude that is Sveti Stefan's attraction. The Duke of Bedford came on his honeymoon, Adlai Stevenson, Princess Margaret, Sophia Loren and Carlo Ponti, and King Umberto of Italy didn't need an excuse.

For all its serenity, Sveti Stefan isn't that isolated from the real world. A 500-foot-long causeway connects the island with the ruggedly beautiful coast. You can fly to Tivat or Titograd and then drive an hour along the coast. From Dubrovnik it's an 80-mile drive. To add to the pleasure, a regal visit costs just $50–$70 in low season for a double room Modified American Plan, $90 in high season. These rates are the most expensive in Yugoslavia. Considering the surroundings, that's not bad.

PATRICIA BROOKS

Booklets

1. Sun Valley: What to do in the summer—tennis, sail gliding, kayaking, golf, bicycling—plus summer rates for the Lodge and condominiums (studio to 4-bedroom).
2. Yugoslavia: By region—resort islands, villages along the coast; mountains, lakes, and Turkish architecture.
3. Sveti Stefan: An island hotel, once a fishing village, off the Yugoslav coast.
4. Thousand Islands: Take a tour boat up the St. Lawrence, fish for pike, visit an island castle, a show of duck decoys.
5. Trusthouse Forte offers a map-guide to its 200-plus hotels in Britain. Dots on the map show where they are, listings by city show rates. One "800" number gets you reservations at any one of them.
6. Florida General Information Guide: What to see listed by region. Southeast Florida: tropical gardens, a castle made of coral, a Seminole reservation where you can buy crafts, and Hemingway's Key West house.

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June 1980

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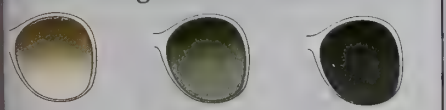

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HAPPY HOUSEKEEPER

Inventive ways to make your everyday tasks easier, plus other quick tips

In a house or a large apartment where the bathroom is far removed from your stereo speakers, **an extra speaker in the bathroom** is a real pleasure. It's one of the world's great delights to lie in a hot tub after a hard day's work and listen to your favorite recordings or radio programs. And you can hear the news and weather reports in the morning while you get yourself together. Having a bathroom speaker is much safer than keeping a radio in the bathroom because you don't have to worry about getting a shock (or worse) if you touch the radio with wet hands.

Along with the other **things you carry in your purse,** include a few useful items for minor repairs and for keeping order. Put some large paper clips, safety pins, elastic bands, a needle, and some neutral thread into an envelope and tuck it in a side pocket. You'll be surprised how useful they can be. The clips will sort and hold receipts, tickets, money, and other papers that should be cared for, and you can put the rubber bands around letters to mail and easily scattered things like your pen, orange stick, and comb.

So much of the so-called Hi Tech industrial equipment which has found its way into the house is both attractive and very practical. Those **automatic soap dispensers** with push-button pumps, for instance, that you often find in public washrooms serve many purposes in your own bathroom. Fill them with shampoo or cream rinse and mount them on the wall next to your shower. While most dispense liquid soap, some are made so you can dispense lather for shaving. Or you might fill one with hand lotion. Plastic dispensers come in a variety of colors; metal ones are also available. They're made in various shapes, so you can find one to suit your taste. Check the yellow pages under "Bathroom Accessories" to find a manufacturer near you who has them.

The Back Jack is a new and **versatile back rest.** It's a streamlined version of a beach chair, but much lighter, made of tubular aluminum, bent into a shape that allows for two comfortable positions: sitting up with your back well supported, and semi-reclining with your head and shoulders raised. The canvas-covered frame has a flat cushion stitched on where the Back Jack bends, so that it's under your head when you recline and you sit on it at other times. Use the back rest on picnics, by the pool, on the beach, in bed, watching TV, or wherever. They are stackable.

If you're planning a fast-paced travel schedule this summer or going to some remote area, and if you have to wear prescription glasses and sunglasses, **don't leave home without an Eye Glasses Repair Kit,** which you can buy at most drugstores. It contains some tiny little screws, a minute screwdriver, and a magnifying glass, so you can make your own repairs if an ear piece loosens or comes off.

Aquavit is a pungent spirit that adds real zip to a meal. It's particularly good with fish and shellfish. Season with it blaze shelled sautéed lobster tails in it and add it to the sauce for Swedish meatballs. Serve boiled potatoes rolled in melted butter and poppy seeds with the fish or meatballs, along with a jigger of straight icy-cold aquavit.

One of the easiest ways to clean combs and brushes is to put them in the bathroom sink full of warm water, add a cup of ammonia, and let them stay there for about an hour. Rinse them with cool water and that's all there is to it.

For casual entertaining—brunches, suppers, poolside lunches, picnics—try using **color-coordinated disposable plates, cups, and napkins.** These have improved in looks immensely over the years and are well-designed, colorful, decorative, and the better ones are plastic coated so they won't bend or drip. Yet they're not so expensive you can't afford to throw the whole works into the trash can when the party is over. You can get them at gift shops and greeting-card shops.

If you're repapering your bathroom walls, use some of the **extra wallpaper** to cover an inexpensive wastebasket, a tissue box, or clothes hamper. Gives the bathroom a pretty, coordinated look and you don't have to invest in costly accessories.

Keep a pretty basket on your clothes shelf that holds a **collection of quick grooming necessities.** Begin with packets of Mr. Shine and Cel Clean spot remover from your travel supplies and a good clothes brush. Include a tape-covered lint roller, available in most department stores' notions department. And you might toss in some safety pins and even a roll of Scotch tape for a last-minute fix for a sagging hem. Keep your eye out for other grooming shortcuts to add. ■

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BY MARGARET MORSE

DEAR H&G

Answers to your questions. Here we share some letters from our readers.

Paneling predicament

Q *Our new house has many paneled walls that make the interior very dark. I am considering "wainscoting" the hallway by covering part of the paneling with wallpaper. Can this be done?*

—B.S.J., Lafayette, La.

A It depends what kind of paneling you have. Flat sheet paneling, with joints but no ridges between one piece and the next, can be wallpapered over. Tongue-and-groove paneling can be wallpapered over provided the ridgelike joints between boards are covered with wallboard-style tape beforehand, generally a job for professionals. (If the boards are narrow, however, taping over all the ridges, and hence wallpapering, is impractical.) Paneling with recessed coffers or other changes of level cannot be wallpapered over, but you could sand it down to base wood, vacuum up any dust, and then paint or stain it a lighter color—as you could with the other types of paneling.

For a wainscot effect on sheet or tongue-and-groove paneling, carefully measure a horizontal line around chair-rail (a little less than chair-back) height. Check it with a right-angled drafting triangle to be sure it's perpendicular to the seams or ridges of the paneling. Put top edge of masking tape along line. Then either wallpaper the upper portion of the wall, or sand it down to base wood, vacuum up dust, then paint or stain. When dry, remove masking tape. The wainscot effect will look more convincing if you cover the horizontal line with molding. If you can't find prefinished molding that matches the dark paneling, stain unfinished molding to match and let dry before hanging. Apply with wood glue and while it dries, reinforce at intervals with countersunk brads (headless nails). While one could theoretically paint the upper portion of coffered paneling, so long as there's a continuous raised portion on which the horizontal molding can go, coffered paneling is quite dramatic in and of itself: A bi-color treatment might look too busy.

In the wind

Q *Can you tell me something about weather vanes and suggest some sources where I can purchase one?*

—E.P., Auburn, Wash.

A Some sources are listed below, with the materials of the weathervane (or *vanes* proper) in parentheses. Copper is considered longest lasting, acquiring a verdigris patina with age. Aluminum is quite durable (more so if you enamel it), although salt air or pollution can pit it. Unlacquered bronze gradually blackens. Iron or steel will gradually rust away, although you can slow the process down considerably by painting the vane (not the vertical shaft) with a rust-inhibiting primer and enamel like Rust-Oleum's. Ideally, the shaft should be of nonrusting material.

In *full-bodied* vanes, embossed pieces are soldered together around a hollow center. *Swell-bodied* vanes are flatter, generally one-piece. *Silhouette* vanes are practically two-dimensional. The Cape Cod Cupola Co. carries all three types of vanes. Garden Accents specializes in silhouette vanes, many inspired by folk-art "primitives." The others carry both full- and swell-bodied vanes.

Some buy-lines: A 22-foot ridgepole or 22-inch-square cupola takes a weather vane about 22 inches wide. After choosing a design, if the catalogue doesn't fully explain if—or how—it can be installed where you'd like it, query the prospective source before ordering; when in doubt, ask if it comes fully assembled. Roofs can be precarious—take every precaution. Be sure to waterproof roof attachment points.

Cape Cod Cupola Co., Inc., 78 State Rd., North Dartmouth, Mass. 02747 (copper or cast-aluminum; catalogue $1).

Garden Accents, 5205H Ashbrook, Houston, Tex. 77081 (rust- and painted-finish steel; four stand types for indoor or outdoor use; catalogue $1).

McLain Greenhouses, 45 Chapel St., Holden, Mass. 01520 (copper in three different finishes; catalogue 25¢).

Ship 'N Out, 828 Harmony Rd., Pawling, N.Y. 12564 (copper; be sure to specify that it's the *weather vane* catalogue you want—50¢).

The Bayberry, Montauk Hwy., Amagansett, N.Y. 11930 (copper; catalogue $1).

E. G. Washburne & Co., Rt. 114, Danvers, Mass. 01923 (copper; catalogue $1).

Wilson's Country House, P.O. Box 244, West Simsbury, Conn. 06092 (handcast aluminum, some in three different finishes; catalogue $1).

Flag waving

Q *I'd love to know where I could get a reproduction of the "Bedford" flag, the oldest known U.S. flag, which shows a swordsman's arm on a dark pink field.*

—S.S., Andover, Mass.

A Two sources for the "Bedford" and many other early American flags are The Flag Center, 2267 Massachusetts Ave., Cambridge, Mass. 02140 (catalogue $1, while supply lasts) and The Flag Shop, 85 Andover St., Rt. 114, Danvers, Mass. 01923 (catalogue 50¢). Both carry flags of all 50 states, the United Nations countries, nautical alphabet flags, pennants, flagpoles, and such, as does Columbia Flag Repair, Dept. M, 9444 Columbia Road, Cleveland, Ohio 44138 (which has the Bedford flag only on special order; free folder with tips on flag size selection). All three shops do custom work, too.

Some tips from Grant Richard of Columbia Flag Repair: Nylon flags offer much more durability and fade-resistance than cotton ones. It's perfectly proper to launder a modern-made flag. Wash separately, by hand or in delicate cycle. Use cold water and cold-water soap but no bleach. Air dry. Don't fly a flag in the rain or in high wind (over 30 mph). Some flags can be repaired, but it's usually worthwhile only if the flag is nylon *and* 6 by 10 feet or larger: Query Columbia Flag beforehand.

You might like to know there's a consulting firm that, for a time-rated fee (minimum $15) can tell a museum or individual what virtually any historic flag looked like: Flag Research Center, 3 Edgehill Road, Winchester, Mass. 01890, directed by Dr. Whitney Smith.

Heat-resistant paints

Q *Is there a product I can use to paint the outside of my barbecue grill?*

—T.F., Bernardsville, N.J.

A Ask your paint dealer for a heat resistant enamel, generally available only in a black satin finish. Pratt & Lambert makes a flat-finish brush-on one, Hubbard Paint Co. and (under the Krylon label) Borden make satin-finish spray-ons. Another alternative: Heat-resistant engine enamel, available in a few colors at most auto-supply stores.

What is zest?

Q *In your September 1979 "Meal in Minutes" column, the apple fool recipe calls for lemon zest. What part of the lemon is this?*

—R.M.W., East Dennis, Mass.

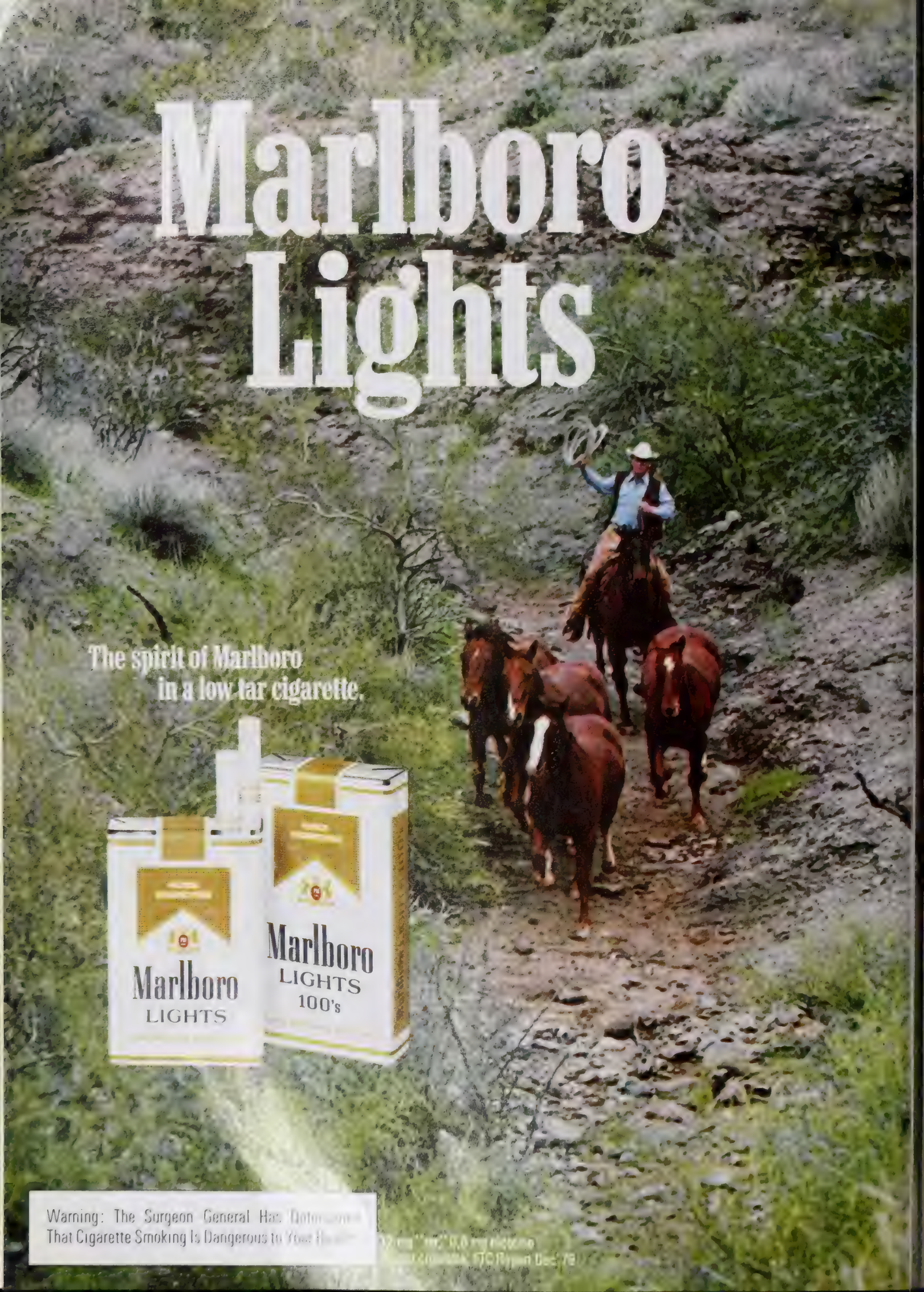
A The zest of citrus fruit is the colored oily part of the outer skin. The fruit must always be very plump and fresh, not even slightly dry—or you lose the zest, as it were. First wash the fruit, scrubbing the rind with a vegetable brush or plastic mesh scrubber to remove any wax or paraffin coating. Then pare with a swivel-bladed vegetable peeler or grater, using just the colored part of the rind, as the white part is bitter. Use at once. Handy gadgets to look for are a zester, which cuts pine-needle thin curls of zest off the fruit, and a stripper, which cuts a thicker curl perfect for using in drinks. ■

BECAUSE the older, more mature vineyards yield the finest Johannisberg Riesling grapes, the vineyard master must invest years of careful preparation before the winemaker can create a distinguished Johannisberg Riesling. Every step we take, we take with care because

THE WINE REMEMBERS

THE WINERY OF ERNEST & JULIO GALLO

Johannisberg Riesling of Cali
Ernest & Julio Gallo, Modesto, Ca


Marlboro
Lights
The spirit of Marlboro
in a low-tar cigarette.
Marlboro
LIGHTS
Marlboro
LIGHTS
100's
Warning: The Surgeon General Has Determined
That Cigarette Smoking Is Dangerous to Your

THE ETERNAL RETURN TO ROMANCE

Romance is in the air again, and it's not just because it's spring. Actually, it might be more accurate to say that Romanticism is back, because what we're experiencing is a widespread cultural phenomenon, not just a personal tingle. Romance and Romanticism are really two different things, but in some ways, they are united. Romance is a positive emotion, while Romanticism always has a slight tinge of sadness that recognizes innocence lost and a desire to return to it. But both are instinctive emotions. They have the ability to bring us pleasure both physically and psychologically, the most important reason for their staying power.

For example, you've probably already noticed a return to traditional wedding observances, a far cry from the barefoot-in-the-meadow-at-sunrise ceremonies that were popular in the late '60s. But isn't it strange that this is concurrent with a high divorce rate? It almost seems as though the inescapable awareness of marital failure is making those who marry seek out the psychological comfort of all the help—real or symbolic—that they can get.

That, in a way, gets right to the heart of the paradox of Romanticism. People often turn to older traditions when there's a sense that things are no longer as good as they used to be. It's by no means a new reaction. Romanticism has existed at least as far back as the time of the Imperial Romans, who felt that things had been steadily declining since the time of the Greeks before them. They expressed their yearning for "the good old days" in a romanticized revival of things Greek. Ever since then, there have been Romantic revivals in Western society, especially at major turning points in history when the future seemed particularly uncertain and threatening. The one period that gave us so many of our ideas about what is romantic was, naturally, the Age of Romanticism.

That period, one of great contradictions and change, lasted from about 1750 to 1850. As with most major shifts in society, the rich and the educated were the first to realize it. They were the first to perceive that the Industrial Revolution, which began in England around 1750, would bring great changes in the way people lived. Instead of looking at the sometimes frightening developments around them, artists and writers began looking almost everywhere else: back to the Middle Ages, out toward India and China, and inward for escape. Many people today think of the Victorian Era, which followed the Age of Romanticism, as a time of repressed feelings, when people were bound by convention and prudery. That's true in part, but it was also a time of security and a belief in the steady, upward progress of the human race and the perfectability of mankind. Can we say the same today? The Age of Romanticism gave way to the Age of Optimism. That could be why so much of what's new today has a distinct—if subtle—Victorian air.

We can see the New Romanticism everywhere—the mass popularity of "Gothic" paperbacks; a new fondness for old houses; the growing craze for antiques; the rediscovery of long-forgotten crafts, recipes, home remedies. Our world is, of course, too diverse for us to claim that this is *the* wave of the future: For every organdy-gowned débutante, there's a Punk in leather somewhere. High Tech still has its true believers. But significant numbers of people are responding to the New Romanticism, making us feel that it is one of the major trends in living today, one that bears watching and reporting on.

What are the psychological motivations behind this tendency? Psychologists have observed that people often try to take emotional comfort in inanimate objects, investing them with qualities they want to possess themselves. But the Romantic (maybe even Victorian) revival of 1980 isn't a return to the bric-a-brac and antimacassars of our great-grandparents. The softness, ease, coziness, and warmth of the pre-Modern period are also being translated into interiors that are still distinctly contemporary. The new interest in softened colors, more tactile textures, and intricate pattern and ornament isn't confined just to traditional interior design. Among avant-garde architects, for example, what's news is what's old—but reinterpreted in new ways for living today.

The really interesting characteristic about this movement to Romanticism is how typically human it seems to be. It has recurred with such inevitability across the centuries that it seems to say something important about us. It just might be an instinctive reaction against man's tendency to lose sight of what's best in life. There's something protective, life-affirming, and essentially positive about romance, and our wanting to express it so openly can be seen as a healthy development for us all.

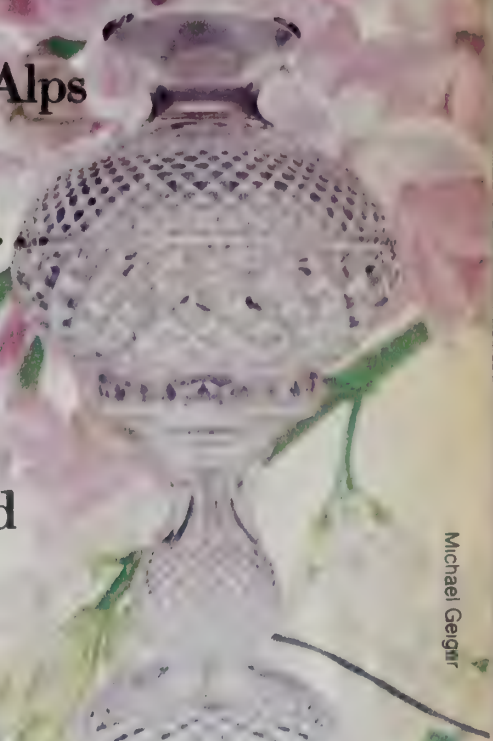
THE MOST ROMA

NTIC

THINGS IN THE WORLD

Thunderstorms watched from some-place warm and dry... May in Paris... Open cars... Flying to the moon... A formal dinner for two— at home... Gold lockets... White lace curtains billowing at a window... Sailing at dusk... Wagner's *Tristan and Isolde* ...Weeping willows... Flying over the Alps at sunrise... Big church weddings... Hang gliding... Rain on the roof of a house you love... Nightblooming jasmine... Straw hats... Anything said in French... Falling asleep by the light of a fire... Shakespeare's sonnets... Window seats...

A rose-covered cottage: this one in Siasconset, on Nantucket.



Michael Geigar

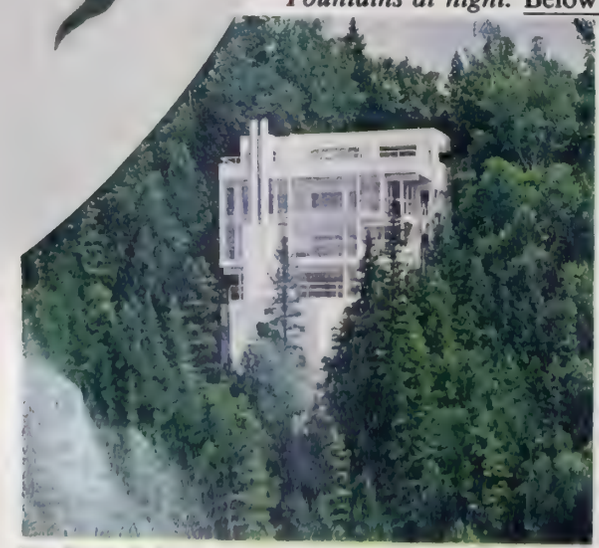
An oil lamp electrified: here in cut crystal by Waterford.

Any Garbo movie . . . Tuberoses in January . . . Sand dunes . . . Grape arbors . . . White linen suits for men . . . Making dinner together . . . A garden lighted by paper lanterns . . . A bunch of Parma violets . . . The scent of the first person you loved . . . Willie Nelson singing *Stardust* . . . Your wedding flowers sent on your anniversary . . . October in Venice . . . Roller-skating hand in hand . . . Fern gardens . . . Russian Easter . . . New Orleans . . . Rainbows . . . Schumann's Piano Concerto in A minor . . . Cool cotton sheets . . .

Pretty flowered china: For example, Ceralene "Mon Jardin" at Tiffany.

David Massey

Weekend hideaways: Below left, *Douglas house by Richard Meier.*
Fountains at night: Below right, *Piazza d'Italia in New Orleans.*



Ezra Stoller © ESTO

Norman McGrath

Tea in a garden: Here, Lady Victoria Waymouth's fabrics designed by her for Bloomcraft.

Brian Hagiwara

Loveseats for two: One-of-a-kind Victorian wicker "confidente."

A night on the town . . .
A flute heard through an
open window . . . A summer
resort out of season with some-
one you love . . . Candlelight
. . . Anything sung by Sinatra . . .
Walking barefoot in the woods
with moss underfoot . . .
Rubens' *Venus and Adonis* . . .
The Sunday paper and coffee
for two . . . Waterfalls . . . Riding
a horse bareback on the beach . . .
Cole Porter's *Night and Day* . . .
The sounds of boats on a river . . .
Sepia photographs . . .
Swallows flying . . . Raspberries,
champagne, and peonies at lunch . . .
Devonshire in June . . . Cumulus
clouds in a bright blue sky . . .
A ride in a hot-air balloon . . .
The sound of surf after dark . . .
Lesley Blanch's book
The Wilder Shores of Love.

Dim the Lights

Dimmer: by Lutron.

WINDOWS ON ROMANCE

FIVE DELICIOUS LOOKS YOU CAN CREATE YOURSELF WITH BUY-ANYWHERE FABRIC, LACE, RIBBON

What makes a window romantic? Yesterday's styles mixed with today's know-how: delicate fabrics that dapple the light. Colors so soft they invite you to touch. Lush floral prints. Fancy valances. And a double dash of trim—lace on lace. Rows of bows. Scalloped borders. Swags. Rosettes. To show you just how easy it is to create this look—in just a day or two—we've dressed one window five different ways; the silks, velvets, and tapestries of the past translated into light summery fabrics you can find anywhere. It's window dressing at its best: shirred, skirted, tied high, or gently tumbling down. The final effect: always light; lavish, and poetically pretty. For further details, see The Inside Story and Shopping Information.

GRECIAN GATHERS

This fantasy dining room with softly draped curtains is a near reflection of the rose garden outside. At the windows, Martex sheets, their top edges slashed, gathered, and tied to a gilded Kirsch rod. Panels are drawn back at sill level by antique rosettes, lower edges trimmed with shades-of-green ribbon. Pierre Deux house bird cage. Sanderson wallpaper.

Brian Hagiwara

EDWARDIAN FOLDS

Classic look from centuries ago, translated for today. Long, lined panels of Souleiado cotton are shirred onto a thin curtain rod, with a feathery fringe of dotted swiss cotton fluttering in between. To make the softly gathered poufs, tie panels tightly, with lined bows made from fabric borders—once below the rod, and twice below the sill. Fabric is pulled up between each bow to create bonbon poufs that end in a crush and spill two feet across the floor like counterpanes. The dotted swiss fringe is twice the width of the window, and 2 feet long, snipped with scissors. Starflower pink walls by Pittsburgh Paints. Souleiado cotton at Pierre Deux. Wool needlepoint rug by Jack Soskin.

Brian Hagiwara

VICTORIAN VALANCE

An upholstered valance creates a sentimental mood in this upstairs hideaway. Champagne-colored Bloomcraft sheers are drawn back by generous bows, made of the same Liberty of London glazed chintz that upholsters the valance. Bows are made from long strips stiffened with crinoline, tied and fastened below the sills from behind. The face of the valance is plywood, scalloped with a jigsaw; the returns made from three-quarter-inch stock lumber. Valance is mounted slightly above the window to increase a feeling of height. It's the perfect setting for some private storybook browsing. Crystal Orchid paint by Pittsburgh Paints.■

Brian Hagiwara

FRENCH POUFS

In a serene bedroom, diaphanous sweeps of delicate lace—so fragile, so soft, they're more like confections than curtains. Made from 60-inch panels of white Waverly lace, they're edged at hem and center like a lady's handkerchief, with borders of contrasting lace. The ruffled lace valance is also bordered, gathered on a separate rod. To make the tie-back rosettes, gather a handful of lace at each side, bind with thin ribbon, fasten in place with a tack. The angora cat sits pretty on a Victorian side chair covered in Manuel Canovas fabric. A cabbage-rose needlepoint rug from Stark continues the floral feeling of the Sanderson wallpaper frieze. Coral Sand paint by Pittsburgh Paints.

AUSTRIAN SHADE

This child's room is all-over cozy, dressed in tiny-print paper with a sprigged cotton curtain to match—both from Laura Ashley. Curtain is one-third longer than the window, gathered onto a wooden board nailed below the window frame. To create support, lay four wooden dowels horizontally across the back of the curtain, spaced evenly, top to bottom. Fasten in place with heavy-duty thread drawn through the fabric and around each dowel. Tack ribbon bows on curtain front. Screw eyes on dowel ends and hooks in the window frame 5 inches above each dowel form the cascading tiers. Rag rug from The Gazebo, Great North Woods rocker; Benjamin Moore floor enamel.

DECORATOR MARK HAMPTON MAKES OVER HIS SLEEK 70s LIVING ROOM

Left: *The old living room, rich red and dramatic, but too polished to welcome the traditional accessories the Hamptons were gathering.* Right: *The new light look of the living room: English chintz for chairs and walls, delicate French furniture, ivory floor.*

A NEW LOOK AT TRADITION ON THE LIGHT SIDE

Quite content with their slick red living room, Mr. and Mrs. Mark Hampton hardly noticed that the things they were collecting didn't work in such a modern setting anymore. "We loved the excitement of the contemporary space," explains Mr. Hampton, a well-known New York designer. "But the Victorian prints, little fireside stools, and English chairs we were recently buying didn't fit in." The solution: To create a room with traditional flavor that would highlight, not hide, the things they'd come to love. The first order of business: a color change. "We wanted the room to look airier by day." So dark lacquer walls became light fabric walls. Cozy chintz was a natural for the job—but finding that perfect chintz wasn't easy. "Some prints were too dark, others too bedroom-like. I brought home sample after sample, but nothing was quite right. In the end, it was my wife, Duane, who found exactly what we were looking for," he admits with a grin. "It's floral without being fussy," says Mrs. Hampton, a former decorating editor, describing the Clarence House glazed cotton they chose. "The icy green background sprigged with tiny shamrocks keeps the feeling light, so we were able to use it everywhere, without it looking heavy or ponderous." Walls, windows, and chairs got the lavish treatment, the walls bordered with a raspberry-colored band of cotton tape. Black sofas were reupholstered in a light teal twill; the floors bleached, topped with a toasty sisal rug. "The whole look is lighter, more relaxed," say the Hamptons, "and pretty, day and night."

Left: *Flowers everywhere: A little tripod table with spindle stem hosts one of many spring bouquets in the chintz-wrapped living room. Framed Victorian prints on the walls and prints of another variety on the chairs add to the comfort and charm.*

Ernst Beadle

IT'S A ROOM DESIGNED FOR TREASURES AND FRIENDS—THE MORE YOU BRING IN THE BETTER

A NEW LOOK AT TRADITION

The Hamptons love to entertain, and their big living room is the perfect spot. There's plenty of room for lots of guests—"we can seat 14 to 22 comfortably"—and the surroundings are lovelier than ever. Little details make it extra inviting: A bevy of tables, some silk-skirted, or delicate-legged, to show off tabletop collections; graceful chairs edged with fringe, a ruffle, or covered in two different prints. The sisal rug was a practical solution for a large, well-trafficked area, and acts as a light and casual contrast to the chintz-print walls and furniture. Mirrors on far walls lengthen the space, and reflect a wall of windows dressed with softly-gathered curtains, drawn back high to let in the sun. In the afternoon, low table lamps cast a flattering glow, and at night, lots of candles are always lit, "so everyone looks beautiful."

"The room is much more livable now, and full of variety," says Mr. Hampton. "Our collections are at home, and so are we. The arrangement is more casual than it used to be—you can move a table from here to there, or pull up a chair, without feeling like you're disturbing the look. Now the room conforms to our demands, instead of vice versa. On weekends, you're likely to find the whole family sprawled about—our daughters dancing or drawing, my wife reading a book, while I write letters or work at the desk." How do guests respond to the new look? "They love it! Surrounded by all these flowers, they feel pampered and cozy, and though they basked in the glamour of the red living room, they get hooked on the comfort here," says Mrs. Hampton. "It seems like a natural reaction, after the cleared-out look of the '70s. And who can resist the old-fashioned appeal of a beautiful room filled with things you love?" Plants and flowers by Mädderlake. For details, see Shopping Information and the Inside Story. ■

Left: *By the fireplace at one end of the living room, English bustle-back chairs, an églomisé mirror, and a Chinese wedding chest that's been in Mrs. Hampton's family for years.* Right: *The other side of the living room, with Mr. Hampton's Victorian desk placed at a right angle to the window wall.*

Ernst Beadle

Prints for Pleasure

To give charm to an entire Paris apartment, designer François Catroux uses variations on an airy pattern theme rooted in the simple grace of traditional East Indian prints.

Prints in balance in Madame Raymonde Zehnacker's bedroom: Three different sizes interplay here: big rosettes on bedspread, curtains, divan pillow; medium-sized tumbling birds and flowers print on walls, divan; and tiny prints as borders to all. These French cotton fabrics are available here through Brunschwig & Fils. For details, please see Shopping Information.

Prints for Pleasure

David Mass

When Madame Raymonde Zehnacker, for many years colleague, adviser, and friend of Christian Dior, retired to this city apartment, she wanted the long row of window-lit rooms to be "my country house on the Champs Élysées." For this reason, she and international interior designer François Catroux dropped the idea of modernizing the 19th-century interior. Instead, they decided to stay with the period. They streamlined the look throughout by repeating related fabric patterns. One wall-to-wall carpeting design ties them together. "I find it very relaxing to move from room to room without a big change in the overall atmosphere," comments Madame Zehnacker. Says Mr. Catroux, "Inventing different combinations of borders, fabric panels, and larger areas of pattern becomes an amusing challenge." He plays with pattern—but with a subtle hand. The patterns, refined versions of ancient Eastern designs, share fragility, innocence, and colors ■

William P. Steele

st of Madame Zeh-ker's collected art antiques are early century, some are orian. Right, *cream ls in the living room ke a stronger stage furniture and art. iations of the fabric ily are used for cur-ns, on Louis XVI irs, and on sofa. Em- bed is covered in red n velvet.* Above left, *room walls have the e fabric and border he bedroom. Early-h-century dressing e and bench. Copper tub is from a Paris ques shop. Low fab-covered screen con-s toilet.* Below, left, *dining-room walls, rdinating strips of ic are lined up. Fab-is also found on the orian chairs and un- the lace tablecloth. lifelong friend and ciate Christian Dior gned the silver vase the glasses on the le. Low screen ches the wall, con-ls the radiator.*

THE MOST ROMANTIC FLOWER:

Roses For Her Rooms

A GARDENER WHO GROWS ROSES FOR THEIR DECORATIVE APPEAL

If I had to sa
which rose is m
favorite, I'd s
'Garden Party
It's ivory, lon
stemmed, *lef*
and perfectl
named, becau
it's never boring
says Jane F. Lapham. In her house, eve
room has a garden-party feeling from June
Thanksgiving when filled with her Hybr
Teas. She favors them in ivory, gold, and co
al tones because they complement the La
hams' French and Oriental furniture, Cor
mandel screen, and the paint and fabrics sl
and her longtime friend Billy Baldwin cho
when decorating. "The reward of rose-grov
ing is finding the ones that do well for you,
colors that suit your rooms. They're wor
the bit of dedication you give them."

*Roses in water-filled jars from the garden, left, b
come enchanting bouquets for the living room, rig*

Horst

Roses For Her Rooms

SHE ARRANGES THE LUSCIOUS BLOSSOMS LIKE LITTLE WORKS OF ART

It's important to select roses for hardiness as well as for color," Mrs. Lapham advises. "You can't just stick a rose in a hole and forget it. You have to weed, feed, water, spray, prune." Her rose beds are compost-rich, light with peat and gypsum. Each month each bush gets rose food or water-soluble 15-30-15 until mid-August. Each week each bush is sprayed: 1 tablespoon Isotox to 2 gallons water plus 1 tablespoon Benlate or 1 tablespoon Phaltan, alternately. Pruning is done in spring—at an outward angle so canes don't crisscross. "Do all you can to keep your roses healthy. A rose isn't beautiful unless its foliage is." More on roses, page 246.

Jane F. Lapham with secateurs in holster wand hose that help her tend her rose

Horst

Restful terrace for fixing roses, enjoying ferns, begonias, and the butterfly print on chairs.

)uke of Windsor' roses in flasks near sang d'boeuf Chinese ducks.

'Garden Party' and 'Maria Stern' in wine carafes; Spode china on dining table.

Fragrant coral 'Maria Stern' bouquet in woven basket from Ireland.

n oak-paneled library, a single rose, 'Color Magic,' in crystal vase.

Apricot 'Medallion' and yellow-blend 'Helen Hayes' in a Chinese basket.

A green glass vase from Boston Museum that accents glossy foliage of 'Duke of Windsor.'

A sampling of Mrs. Lapham's favorites in a crystal sphere.

'Duke of Windsor' and 'Maria Stern' in a bamboo-strip Chinese vase lacquered red.

Neatly mulched with buckwheat hulls, a Hybrid Tea bed between pool and terrace.

Carmine Schiavone

COLLECTED TREASURES PUT TO EVERYDAY USE—IN THE CASUAL COMPANY OF CRISP, NATURAL TEXTURES AND NEW VERSIONS OF OLD-FASHIONED PRINTS

Living with antiques

The house, 120 years old and prime Victorian, dictated the decorating. "When we bought this house, we knew we would respect her age," remark the owners. Their collection of antiques—from the 17th, 18th, and 19th centuries—were right at home. But to breathe extra snap into the country dash, the owners took some liberties. They lightened up the large dining room with a coat of cream, painting the Louis XVI clock to match. They filled the windows with fabrics that look old but aren't: natural-on-navy printed linen sashed back to expose navy-on-natural silk lining—like sophisticated bandanas. The fabrics are also on the tables, where the napkins are real bandanas. The sisal rug reflects the same sensibility—it's simple, natural, new. Graceful Directoire chairs surround an inviting dining table under a wrought-iron and crystal 19th-century French chandelier.

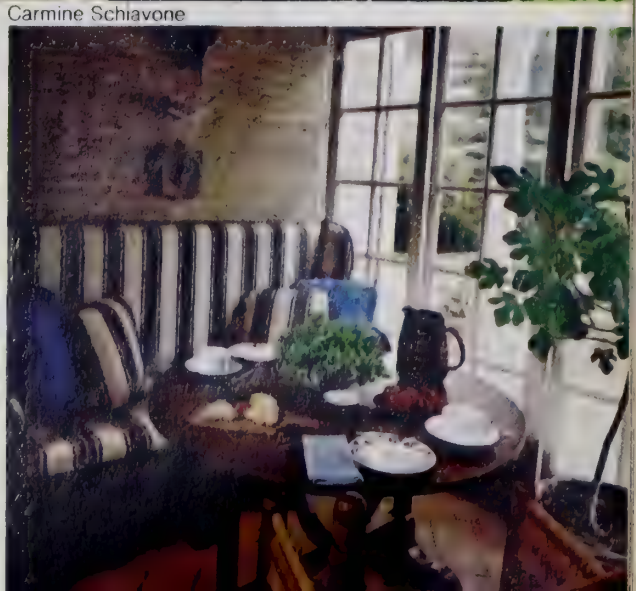
Left, *dining room where antiques lead the country life.*
Above, *the house laced with gingerbread, emblem of Victorian times.*

living with antiques

A KITCHEN THAT LETS A COLLECTION GO TO WORK; A GARDEN WHERE GOOD MEALS GET OFF TO A GOOD START

Carmine Schiavone

One cooks French, the other Italian, but they both needed kitchen space. get it, they took down half of the chen ceiling, eliminating two small drooms above, and then put up a bal- ny, late-17th-century Swiss. This cre- es a long open sleeping area above. nd it opens up the kitchen, adding storage and display space. They put in a fire- ace where they found a disused flue, and built a mantle above it for more stor- e/display. The kitchen is filled with antiques, including the baskets and the ocolate mold on the refrigerator. Outside the kitchen, *right above*, the garden th of tree slices leads through vegetables, grown in abundance for fresh meals. *ght*, a porch attached to the kitchen was enclosed for meadow-view breakfasts, nny lunches, or quiet suppers. Grassy reed cloth covers walls and ceiling. Ban- ette has uplifting striped linen. The tile floor ties these two rooms together.



eft, remodeled kitchen; above, *path to vegetables;* right, *restful kitchen corner.*

Living with antiques

Carmine Schiavone

WRAPPED-IN-COMFORT SLEEPING ARRANGEMENT FOR LUCKY GUESTS; INDOOR STYLE FOR OUTDOOR ENTERTAINING; A PRIVATE NICHE FOR A COPPER BATHTUB

Two plain attic rooms, *above*, became a cradle of brown toile-print of idyllic moments in 18th-century farm life. The modern, take-off-your-shoes rug fits fine, adds sense-appeal. The open curtains express perfect charm; closed, it's utter privacy. In the bathroom, *right*, a French Consulate day bed wears a relaxed red wool plaid. Copper bathtub, 19th century, is so deep, so comfortable, say the owners, "once you've used it, there's no turning back!" *Left*, a foot-high platform made especially for picnics. The setting is all-new, but the past survives. Fabrications prints are reproductions of old Italian patterns; mottled brown china plates are an upscaled version of metal campware. For more, see the Inside Story. ■

Left, of-the-garden picnic; above, toile-tent guest room; right, copper tub, auction find.

NEWSBREAK
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NEWSBREAK
NEWSBREAK
NEWSBREAK

THE

BY MARTIN FILLER

Antiques fever is sweeping America, and it's reaching epidemic proportions. The first major contagion was noticed last fall, in the wake of the worldwide outbreak of gold fever. Spurred by the phenomenal, meteoric rise in the price of precious metals, and the devaluing effect that had on the dollar, millions of Americans began looking for something—*anything*—to put their money into. It's been no secret that valuable objects can often be a better investment than stocks and bonds. When *The Wall Street Journal* declares stamps, coins, art, and antiques to be among the most profitable hedges against inflation, you can be sure that mass interest will not be far behind.

Nor was it. Purveyors of all kinds of potential investment objects began to experience a definite upsurge in business last fall, and yet another, even stronger spurt shortly after the first of this year. That second burst of activity coincided with the first slippages in the peak price of gold; some who might have otherwise joined the gold rush suddenly had second thoughts, and paused to reflect.

Continued on page 164

Left: *An auction of Americana at Sotheby Parke Bernet in New York.*

SOLDIER OF FORTUNE
$1,500-2,500 est. *19th-c. American painted wood Hessian soldier whirligig, Sotheby Parke Bernet.*

Stanley Kraic

ANTIQUES RUSH

rst the gold rush, now the antiques plosion—Spurred by the economy, eryone is heading to auctions, ops, and fairs to find sound vestments that are lovely to live with

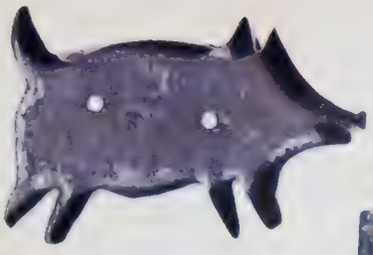
CANE ADVISORY
0 est. *Pair 19th-c. etched obes, Sotheby Parke Bernet.*

LIONS' SHARE
$1,500-2,000 est.
American coverlet woven by Harry Tyler for Susan Greene, 1838, Sotheby Parke Bernet.

FEDERAL SAVINGS
$785 *American birch candlestand, ca. 1800.*
$425 *Pair English brass candlesticks, adjustable sockets. Dillingham House, Sandwich, Mass.*

Jonathan Becker

PITCHER PERFECT
$600
Staffordshire jug, ca. 1825, A.S. & L.E. LaGanke & Co., New York City.



THIS LITTLE PIGGY

$20 *19th-c. American tin cookie cutter. Sturbridge Antiques Fair, Sturbridge, Mass.*

STILL TOGETHER

$1,500-2,500 est. *Fine pair pastel portraits, signed Doyle, American ca. 1840, Sotheby Parke Bernet.*

THE ANTIQUES RUSH

Stanley Knap

GOING WHOLE-HOG

$4,000-6,000 est. *Molded copper p weather vane, Massachusetts, 19th Sotheby Parke Bernet.*

STERLING STEAL

$480 *Set of six Irish silver dinner forks, ca. 1800. Hobart House, Haddam, Conn.*

GREAT LEAP FORWARD

$12,000-15,000 est. *Rare carved wood bullfrog, ca. 1900, Sotheby Parke Berne*

Your best bet: Develop expertise! But don't buy just with your head—buy with your heart, collect things you love, and you'll be ahead of the game.

Growing uncertainties, plus the understandable reluctance of people to buy anything at the top of the market, has led many to consider one of the most rewarding and satisfying of all investment categories: antiques.

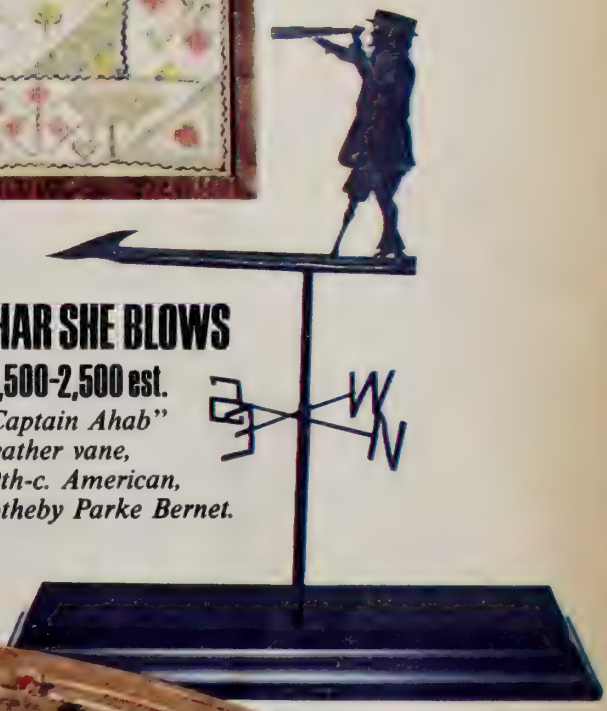
Antiques are like music: there must be at least *some* you like. There are several reasons for their widespread appeal as investments. For one thing, they have by definition survived the test of time, at least physically. Contemporary art might offer a much greater profit potential (works bought cheaply when an artist is relatively unknown can appreciate dramatically over the years). Yet as in

Jonathan Becker

P
N SMOKE
600-800 est. *Giant*
bacconist's sign, 19th c.,
otheby Parke Bernet.

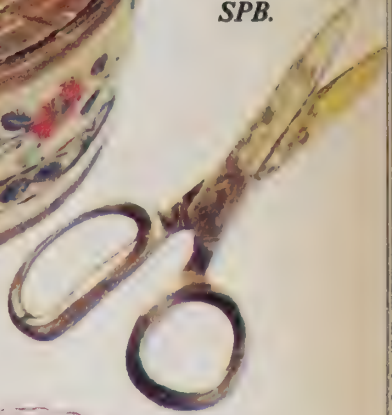
WE LOVE LUCY
$400-700 est. *Fine American needlework sampler by Lucy Brooks, aged 12, dated 1812, Sotheby Parke Bernet.*

TAKE THE HIGH ROAD
$1,500-2,500 est.
Carved and painted wooden "Scotsman" countertop figure, Sotheby Parke Bernet.



THAR SHE BLOWS
$1,500-2,500 est.
"Captain Ahab" weather vane, 19th-c. American, Sotheby Parke Bernet.

CUT RATE
$700-900 est.
19th-c. brass tailor's sign, SPB.



FOR KEEPS
$1,000- $1,500 est.
19th-c. American painted wood oval bride's box, SPB.

other high-profit venture, there is t risk involved. With unproven art, skill required to discern what's good ng what's new often seems to be close to chance. Antiques, on the r hand, are a much more certain ntity, and thus safer. There are com- ly understood criteria for establish- value in all categories of antiques, in most cases it's easy for the aver- age collector to learn what he is—and ought to be—paying for.

Continued on page 206

The objects on pages 162–165 credited to Sotheby Parke Bernet were sold at auctions held in their New York sale rooms from April 30 to May 3, 1980. Pieces credited to dealers are subject to prior sale.

BARGAIN BASKET
$100-150 est.
19th-c. French Strasbourg faïence, SPB.

A small weekend house that's big on privacy for a family of four

"Our weekend retreat offers the best of camping out," muse the authors of *Children's Spaces* (William Morrow, 1978), Molly and Norman McGrath. "With sliding glass doors and windows everywhere, no shutters or curtains, we wake up with the sun, and see nature all around us." The house is only an hour's drive from New York City, but seems a thousand miles away. Perched on a steep wooded hillside, it overlooks an enchanting valley and lake. Architect Myron Goldfinger angled the sides of the house as well as the back to face this dramatic view. Wooden decks sit on all three levels. From the ground-floor deck, the family enjoys a pretty little rock garden. From the master bedroom deck, they look into the treetops. And from the spacious rooftop deck—a bonus living area—the family captures a bird's-eye view of the valley and its glorious sunsets.

Downstairs, except for the secluded guest room, all areas—living, dining, kitchen—are merged into one communal space. But on the second floor, each of the three bedrooms is completely private. Here, only the bridge, an extra living space, is open to the rest of the house. The primarily all-white interior is warmed with surprises of color on selected walls and ceilings in the second-floor bedrooms. "We repainted the walls ourselves," explains Mr. McGrath, well-known architectural photographer. Two recessed skylight rims are painted yellow for "a warm glow during the day, and even after the sun goes down." Built-in Formica furniture throughout, Mexican terra-cotta tiles on the ground floor, and industrial carpeting on the second floor and stairwell make the house easy to care for. Sleek and serene, the weekend retreat also retains a family feeling. Paintings, prints, sculpture, handwoven fabrics—all mementos of artist friends and the owners' Irish heritage—add a warm touch. For additional details and plans, see Building Facts, and Inside Story.

Right: *Exterior is all vertical cedar siding and double-glazed glass. On the ground floor, glass doors angled so living, dining, kitchen areas share southwest view. Painting, Patrick Scott. On second floor, master bedroom with deck, glass doors. On rooftop, deck for entertaining.* Left, *fireplace tower, stairwell tower.*

Norman McGrath

OPEN SPACES, SECRET PLACES

OPEN SPACES, SECRET PLACES

Above: *Helen and Colin McGrath share a story on the bridge—a bonus living space used mainly as a music and play room. Stereo system, Bang & Olufsen. Painting, Judy Nelson. Rug designed by Norman McGrath's father.* Below: *Child's bedroom facing woods. Jungle-gym designed by architect Charles Boxenbaum serves three functions: a ladder to sleeping loft; a safety railing; and a source of endless play. High ceilings in this smaller room convey a sense of spaciousness.*

Above: *Master bedroom with sliding clerestory window glass doors. A study space extends from bedroom. Lith graphs, Judy Nelson; sculpture, Berta Margoulis.* Far righ *Norman with his children on bridge overlooking living are Central domed skylight above; Tim Prentice mobile. In li ing space, sliding glass doors, sunken area with built-in sea ing, washable cotton pillows, buffalo hide rug.*

Above: *Exterior with 8-foot cantilevered study jutting fr master bedroom. Pitched roofs over children's bedroor Front entrance beneath.* Below: *Kitchen of white Formi butcher block. Cabinets built below counters for clean lo Eating peninsula separates workspace from dining area.*

A masterly mix
of geometric shapes,
the design gives
an impression
of spaciousness

DARING DESIGNS

OUR PICK OF THE NEWSIEST FROM EUROPE AND AMERICA

Broomstick," below, by Vico Magistretti; laundry rack for your library.

Fold-up sectional, below, canvas and wood. Paolo Pellion for Art & Form.

An on-the-spot report from our editors

Great news for every room in your house! Design fairs in Italy, Germany, and the United States are brimming with exciting products—some to inspire you, others available here to buy right now. It's time to wake up your rooms with new shapes, wonderful colors, and products with personality. Classics continue, but why not try something new and unexpected? Don't be surprised if what you think is a beautiful piece of sculpture turns out to be a chest of drawers. If you like the look of a squooshy sofa, how about one with a slipcover in the puffiest quilt ever? Experiment, try new textures where they never were before. Think about easy-maintenance laminates with sophisticated new surfaces making appearances in all areas of the house. Go ahead, be brave. Picture one of these designs in your room—maybe it's just the lift you need.

Furniture has become art. Technology is combined with beautiful forms, and decorative, practical products are the result. In Milan, we saw **sculpture that serves as storage**. Lyda Levi's "Marduk" is a triangular tower that organizes space. The most imaginative union of art and industry comes from Studio Alchymia, a group of Italian artists and architects organized by Ettore Sottsass. In their "bau. haus" collection of seating, storage, tables, and lamps, the designers merge **unexpected materials, colors, and constructions with a sense of daring and wit**. Sofas have wildly colored cubist planes substituting for expected arms, legs, and backs. Tables look like blown-up jigsaw pieces. Lights have dollar-sign bases. Everything is conceived with a sense of humor, bringing surprise to serious spaces.

Italy's versatile **designers turn simple items into sensational ones**. For Vico Magistretti's "Broomstick" collection, he took an inexpensive, easily manufactured, everyday item—a wooden broomstick—and made it the basis for a series of folding furniture. At Design M, Ingo Maurer's "Thomas Alva Edison" group salutes the 100th anniversary of the lowly lightbulb. His giant lightbulb lamps plug in to become glowing, decorative Pop Art sculptures.

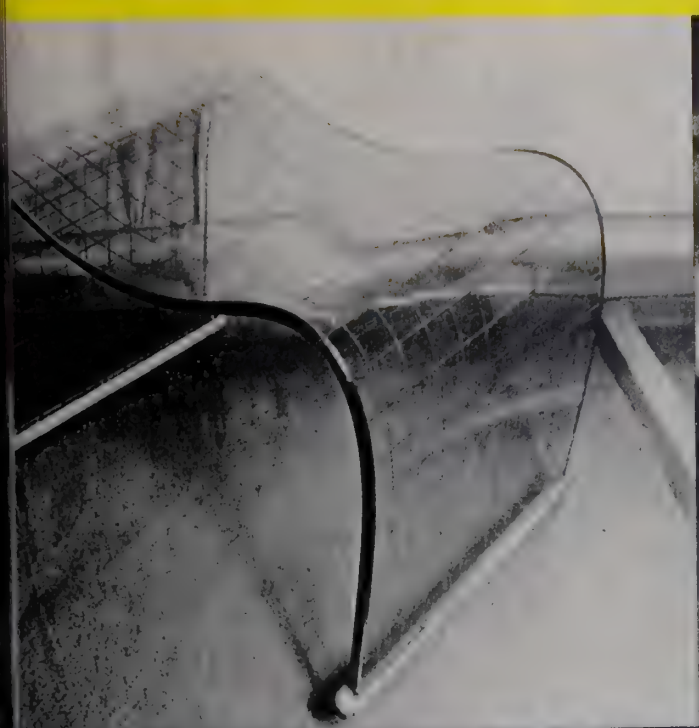
Continued on next page

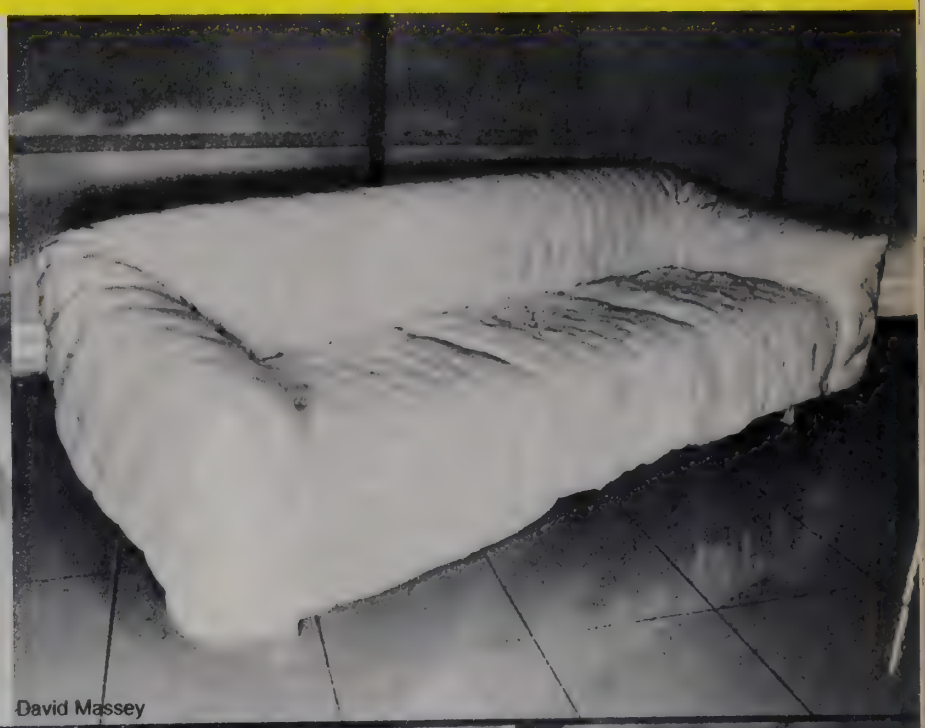
Stepped maple chest, far left, translucent ruby lacquer. Giovanni Offredi for Saporiti.

Studio Alchymia's column, left, put to work. Design, Robert and Trix Haussmann.

Molded glass bench, below left, graph etching. "Onde" by Vittorio Lievi, Fiam.

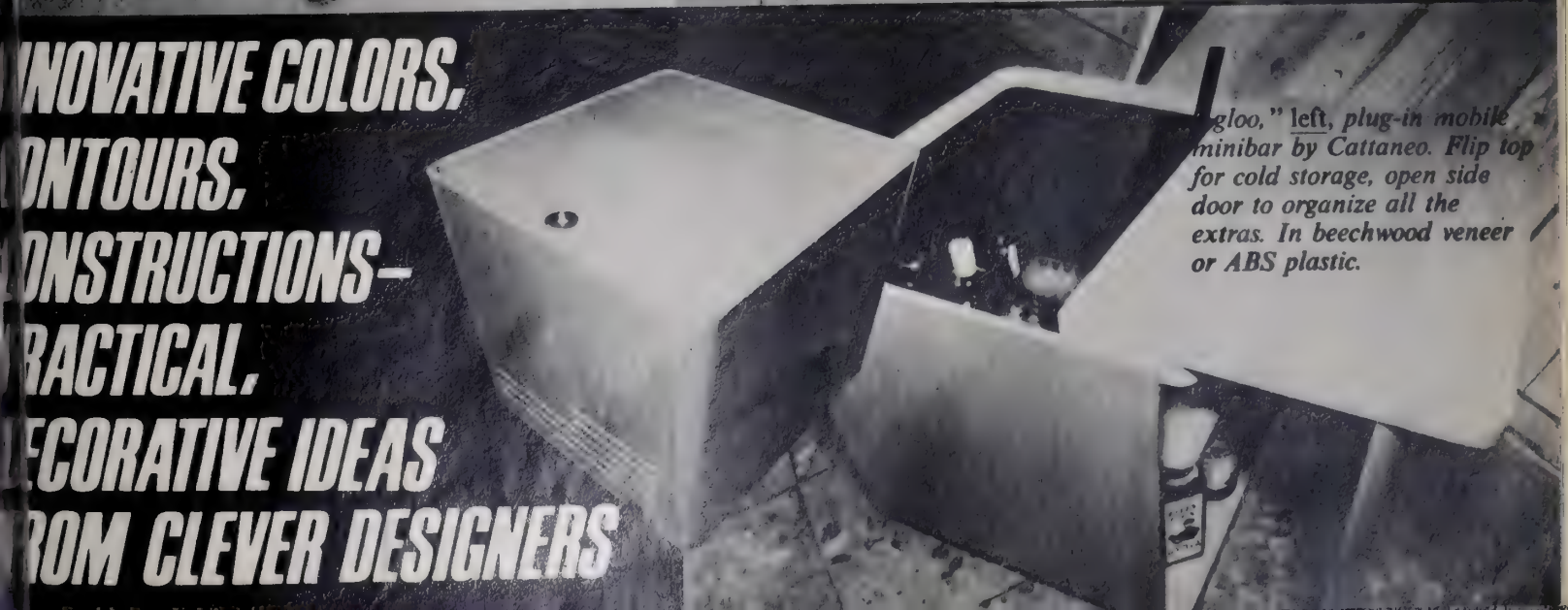
Sofa, below, slipcovered in canvas quilted like rain. Enzo Mari for Driade.





David Massey

INNOVATIVE COLORS, CONTOURS, CONSTRUCTIONS— PRACTICAL, DECORATIVE IDEAS FROM CLEVER DESIGNERS



Igloo," left, plug-in mobile minibar by Cattaneo. Flip top for cold storage, open side door to organize all the extras. In beechwood veneer or ABS plastic.

DARING DESIGNS

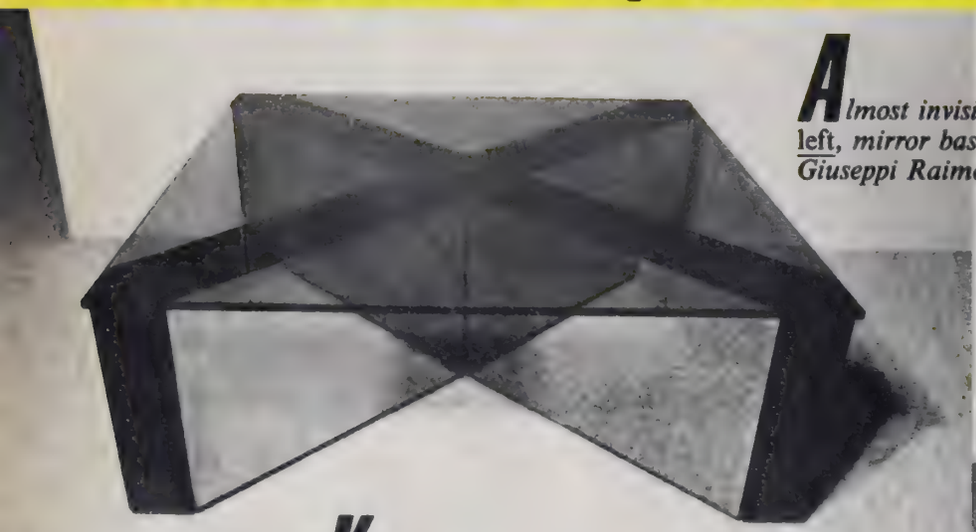
The big news at these design fairs isn't just shape—it's materials, textures and colors. **Colors are brave and clear; rainbow hues, rich lacquers,** Studio Alchymia's dazzling palette. At Zanotta, Peter Noever has a series of tables with iron bases, slender stone tops. Vittorio Lievi, at Fiam, uses glass etched with a graph pattern for benches, bookcases, tables. In most of Italian furniture, **upholstery materials are soft and supple**. Chairs and sofas with skinny legs are slipcovered in puffy quilts. Canvas and cottons cover all styles. Leathers abound: Poltrona Frau's white leather sofa; Eileen Gray's classic leather "Bibendum" chair and Saporiti's sensuous leather suede weave.

In Cologne, the news is **woods combined with leather**. "La Loggia" dining table by Mario Bellini is topped by leather. Fabrics are wools and cottons. Colors are sober, mostly naturals.

Back home in America, materials and textures are also newsmakers. "Terra Tapestry" by Franciscan is a collection of 12-by-12-inch **textured ceramic floor tiles** with subtle colors and patterns, such as a gray-and-white square-within-a-square. Armstrong presented a black-and-white marble tile design in no-wax vinyl. Eljer and American Olean have **coordinated tile and fixture colors** for one-tone looks. A group of metallic laminates by Wilsonart has **surfaces of lustrous copper, brass, and aluminum**. Some are textured, others sleek, smooth. At Kohler, the story is new color for the kitchen and bath—a rich "Evergreen," a "Wild Rose."

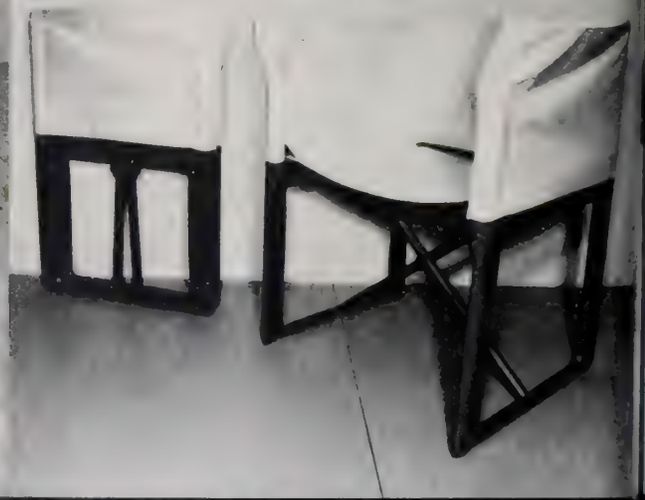
More rich, softened colors show up in Formica's "Design Concepts" collection of laminates. Noted American designers—John Saladino, Barbara Schwartz and Barbara Ross, and Margaret Larcade have created **textured surfaces patterned in stripes, graphs, and dots.** The star is a high-gloss lacquer, the most reflective laminate ever made. For shopping information, see page 208 ■

A NEW QUEST FOR QUALITY AT EVERY PRICE— DESIGNS FOR TODAY, TOMORROW



Almost invisible coffee table, left, *mirror base, glass top. Giuseppi Raimondi, Crystal Art.*

Portable plastic chair, below, *canvas seats. Matsuka and Centrokappa, Kartell.*



Kartell's roundup of stools, below, *with cotton cushions in a rainbow of colors. White plastic frames, black footrests, four heights. Anna Castelli Ferrieri.*

David Massey

NEW IDEAS FROM ART AND INDUSTRY— SCULPTURE AND EVERYDAY OBJECTS TRANSFORMED FOR BRAND-NEW ROLES

Surrealistic shape with surprise storage—shelves, cubbyholes, and compartments secreted behind roll-top doors. Wood painted in the brightest blue. By Aldo van den Nieuwelaar for Pastoe.

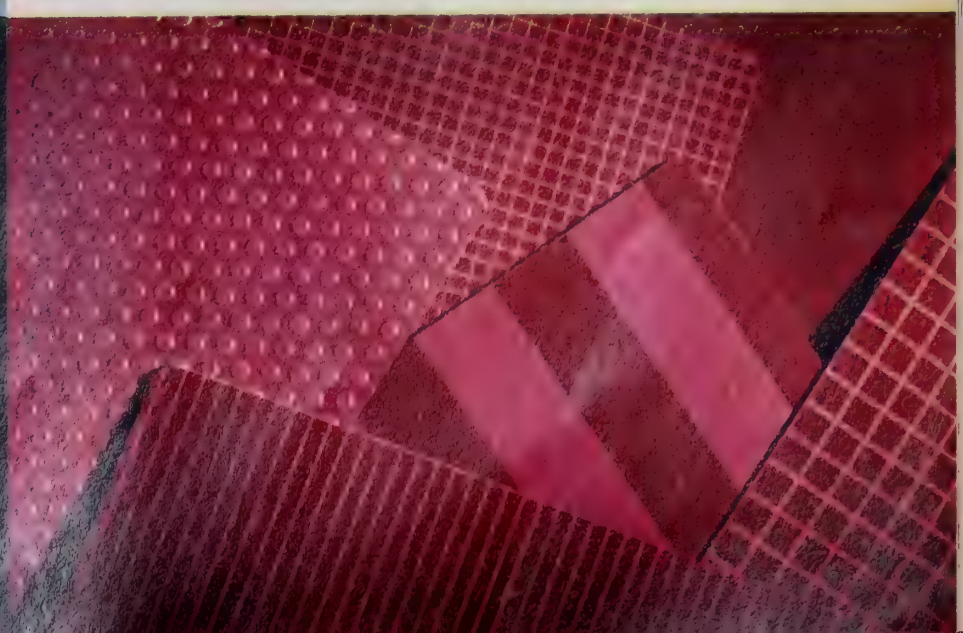
Leather-surfaced walnut table, below, "La Loggia" by Mario Bellini for Cassina. Rectangular planes, cylindrical edges.

Turn a bath, below, into a bower with Kohler's newest color—"Evergreen"; Castelle lavatory, Bravura hardware.

© Paul Warchol/ESTO

The "Design Concepts" group, below, from Formica, offers a brand-new wardrobe of haberdasher's patterns. Sophisticated colors, textures: matte/gloss stripes, embossed dots, lustrous lacquers.

NEW TONES, NEW TEXTURES IN UNEXPECTED PLACES— RICHER COLORS, QUILTINGS, ETCHINGS, LEATHERS



THE OTH

You won't find them at the florist or in mo

Three out of every four roses bought today are Hybrid Teas, yet they are "one of the very few flowers that look better in a vase than on the plant," according to rosarian Peter Malins. (Please see his choice of modern favorites, page 134.) But having roses to pick is just one of the pleasures of growing roses. Now there is a revival of interest in old-fashioned roses, even ancient ones. Huge, hardy, they are useful as shrubs and hedges, and even provide voluptuous bouquets. Busy gardeners find them comparatively care-free—they require little pruning. Organic gardeners like them—they require minimal spraying. And they are wonderfully fragrant.

Ancient Apothecary's Rose (Rosa gallica officinalis) still grown for attar of roses. Erect 5-foot shrub's dark petals are even more intensely fragrant when dried for potpourri. It is the Red Rose of Lancaster.

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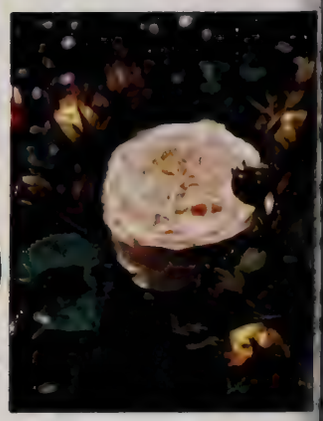
About 1696: Moss Rose (Rosa x centifolia muscosa), a 4-7 foot shrub with mossy calyx and fragrant June-flowering pink blossoms. Wonderful in bouquets. Related to the voluptuous Cabbage Roses the Dutch painters loved.

Before 1590 but not crossed with European roses until 19th century: Austrian Copper (Rosa foetida) from Persia. Its genes produced many yellow and bicolor roses of today. Bright 5-foot sprays, but temperamental.

Before 1738: 'Maiden's Blush,' sometimes called Cuisse de Nymphe or Thigh of Nymph (R. x alba incarnata) is an offspring of ancient Alba, White Rose of York. Flowering in midsummer, it is a long-lived, fragrant 4-6 foot shrub with blue-green foliage.



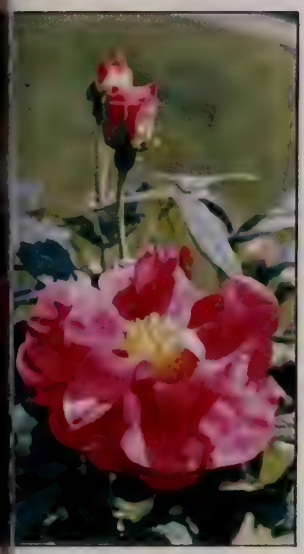
1892: 'Blanc Double de Coubert,' a white sport of the hardy pink-purple Rosa rugosa, brought from the Far East in 1845. Common rugosa roses are excellent for seashore and nonspraying organic gardeners. 5-8 feet tall and wide, scented. Use hips for jelly, vitamin C.

1899: Father Hugo Rose (Rosa Hugonis) a butter-yellow spring-blooming rose whose seed was sent to Kew by a missionary in China. Foliage like maidenhair fern; honey-scented; arching sprays handsome in vases.

Roses, racehorses, and royalty have elaborate family trees, and one might think their documented breeding, especially in the last century, could have bred all chance, all romance, right out of them. Don't believe it. Gardening, racing, and government are full of excitements. If you study your roses' ancestors—and you can even grow the clones shown on these pages—you can spot combinations of virtues that make a winner. Though old roses often bloom just once a year—as do camellias, forsythia, lilacs—their shrubby hardiness and length of bloom (to six weeks) are a plus. Modern roses require more spraying and pruning, but are in bloom for six months, in luscious colors. The beginning of rose ancestry is a mingling of wild, impetuous matings. The new excitements—roses for cold climates, more disease-resistance, miniatures to grow indoors, developments still in the budwood stage—are the result of imaginative matchmaking.

ER ROSES

talogues, but they're great indoors and out



Shakespeare's beloved Musk Rose (Rosa moschata): Titania's bower, you recall, was "quite overcanopied with sweet musk roses, and with eglantine." It's a showy shrub with 20-foot canes covered with early-blooming white flowers.

Another Elizabethan: Eglantine or Sweet-briar (Rosa Eglanteria), with apple-scented foliage, pink early clusters. Bright orange hips in winter. Makes a thorny 8-14 foot barrier hedge.

2: 'Mme Hardy' nask hy- id (R. x entifolia lba), has arching s, white als clus- l around a pretty n center. n scent; igorous.

1888: 'Mme Ernest Calvat,' a Bourbon. The first of this type was a felicitious mating in 1819 between a rose brought from China and Autumn Damask on Réunion Island, then called Bourbon. Combined Asian repeat bloom with European rose fragrance.

1909: 'Gruss an Aachen,' considered the first Floribunda, ravishing shell-pink daughter of 1901 white Hybrid Perpetual 'Frau Karl Druschki.' Like all Floribundas, has glossy foliage on 2-3 foot shrubs, blooms all summer long.

1921: 'Ferdinand Pichard,' striped pink-crimson Hybrid Perpetual with lettuce-green foliage blooms from June to autumn. Grows 5-6 feet tall and wide, with far-reaching roots. A hardy shrub, it can stay low and spreading if pegged (tied to stakes.)

1975: 'Maytime,' one of many carefree Shrub Floribundas for cold climates hybridized by Iowa State's Griffith Buck.

1980: 'Honor,' the Rose of The Year. A stately new white Hybrid Tea with long straight stems, dark leathery foliage, well-branched. Buds are long, pointed, and open up to formal 4-inch flowers. Hybridized by William Warriner for Jackson and Perkins.

Photographs by Paul Frese, James Fanning

Did you know you could use them as hedge

Roses to border a lawn or cover a slope

Floribundas in a happy blend of red and pink make a pretty but impenetrable hedge between neighboring lawns. They're underplanted with silvery-leaved Dianthus.

'Max Graf,' a 1919 semiprostrate creeper with a *Rosa rugosa* heritage, covers a slope along garden steps. Orange hips on crinkly foliage, follow the month-long flowering.

Roses as bowers for summer conversations

'Dorothy Perkins,' an old-fashioned rambler, romps up a Nantucket arbor concealing a bench for two. Small-flowered ramblers are mildew-prone in less breezy areas; vigorous repeat-blooming climbers are best new choice.

'Blaze' climbers in containers grow on wooden arches that span a slim terrace in Manhattan and bloom all summer for George P. Lax.

'Dr. W. Va Fleet,' *right* a 1910 ligh climber wit long burst early bloom on 20-foot and a 1932 *left*, form a on a blosso concealed c between do posts.

Roses as arches and borders for paths

'Iceberg,' a fragrant 1958 Floribunda that drops its petals cleanly so needs little dead-heading, is underplanted with gray-leaved lamb's ears, *Stachys lanata,* in a garden designed by Russell Page.

'Betty Prior,' a prolific 1935 single-flowered Floribunda ideal for borders Set here in well-drained raised b it's underplantec with Johnny-jump-ups growi a little away from its vigorous roots.

roundcovers, bushes, borders, trees, and vines?

Roses as garlands for fences and courts

'American Pillar,' a charming 1908 June bloomer peering through a picket fence near a Nantucket cottage. It's a climber to 20 feet trained horizontally, produces great clusters of bloom. More Nantucket roses on page 134.

'Waldfee' (means woods fairy in German), is a 1960 Hybrid Perpetual tied to a driveway fence to encourage upward reaching spice-scented blooms.

lden Showers,' 1957, one of the few yellow mbers, bounds ross the tennis court screen at the Andrew Goodmans,' In arden designed by Leonore Baronio.

TIPS ON HOW TO GROW SPECTACULAR ROSES IN EVERY CLIMATE

Roses are at their best in June. Visit gardens in your area to see what grows well, what smells good. Now's a good time to order roses, too. • Nursery-potted roses can be planted anytime in season. Mail-order bare-root roses are planted in fall where winters are mild, from mid-November to mid-February in the Deep South, in spring in the north. • For airflow and growing space, plant Hybrid Teas and Floribundas 2-3 feet apart, 18 inches if space is really cramped. Make staggered rows, diamond patterns. • If roses arrive by mail before the ground is prepared, put them in a cool dark place. Soak roots overnight. • Roses hate humid heat. In hot areas try growing roses under lacy foliage of honey-locust or jacaranda. Roses need only 4 hours to a half-day's full sun. • Dig a hole 18 inches deep and round. Put compost or dried manure (no commercial fertilizer) in the bottom and make a center mound of well-worked soil. Spread roots over the mound, keeping bud union (graft) at ground level. Fill hole with earth, tamp, and water slowly to remove air pockets. • Roses need an inch of rain a week, or equivalent. • Start monthly feeding when green top growth is about 1½ inches: Stop feeding when rose should slow its growth, usually in late August. • Prune in spring to remove dead wood; cut strong canes to short funnel shape. For climbers, cut only old, tired-out canes, not productive ones. • Truss climbers with pliable garden twine that won't cut as the canes bend in the wind. • Never spray or dust when temperature is above 80 degrees. • Always cut on a slant, outward, above a 5-leaflet leaf. • More tips on Garden Page.

Roses shaped so they can stand alone

'Frau Karl Druschki,' repeat-blooming 1901 Hybrid Perpetual, has been called the snow queen of rosedom because of its perfect, glacial blooms.

'Summer Snow,' a pillar rose with stout, stiff canes not suited to training horizontally, climbs a dowel-pegged post. It has a Floribunda sport, useful as a base planting for a white rose tower.

'Kathleen,' a 1922 Hybrid Musk (adaptable to high shade) mimics an apple or dogwood and blooms recurrently.

Photographs by Peter Coats, Beadle, Emerick Bronson, Paul Frese, George Lax David Massey, and Roses of Yesterday and Today

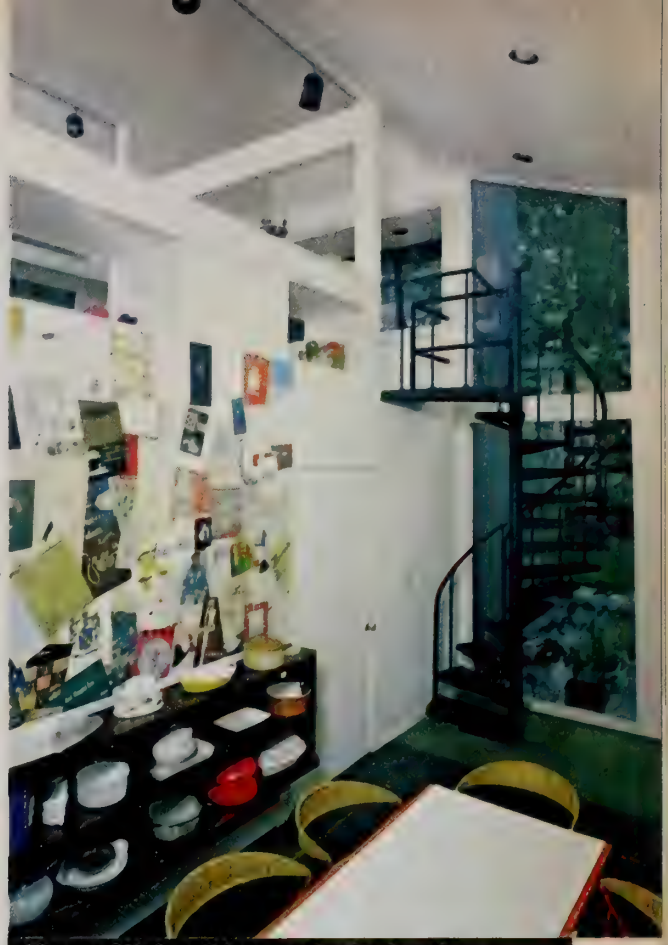
Raising the Roof

TO CREATE A CRAFTS STUDIO, PLUS EXTRA SPACE AND MORE LIGHT

A new addition that doesn't look added on—it blends so easily with the house's original design

In a contemporary house with no basement, Evelyn Fleder found it difficult to pursue her crafts of metallurgy, weaving, and jewelrymaking. So she and her husband asked architect Jon Ross of Boston to design a studio addition—"The key was not to disturb the house's original architecture," remarks Mr. Ross. He did this in five ways: raising the roof to follow existing angles; continuing the addition on the same eastern plane; mimicking overhangs; duplicating window sizes; and extending the original balcony along the eastern wall. The result: a subtle melding of old and new.

The studio is as professional as they come, with room for Mrs. Fleder's informal workshops. "There's space for everything, from the tapestry loom to a small enameling kiln," she comments. Counters run along three walls, with storage beneath two. And windows line all sides, including a clerestory to the north, translucent glass to the south, and sliding glass doors facing east. Cement set in the floor's center creates a welding area, while oak strips running in different grains on floor's edges and on countertops direct space. There's even a separate sitting area. "Our library used to be the family room," says Mrs. Fleder. "Now my family loves to come up to the studio and sit with me while I work." ■



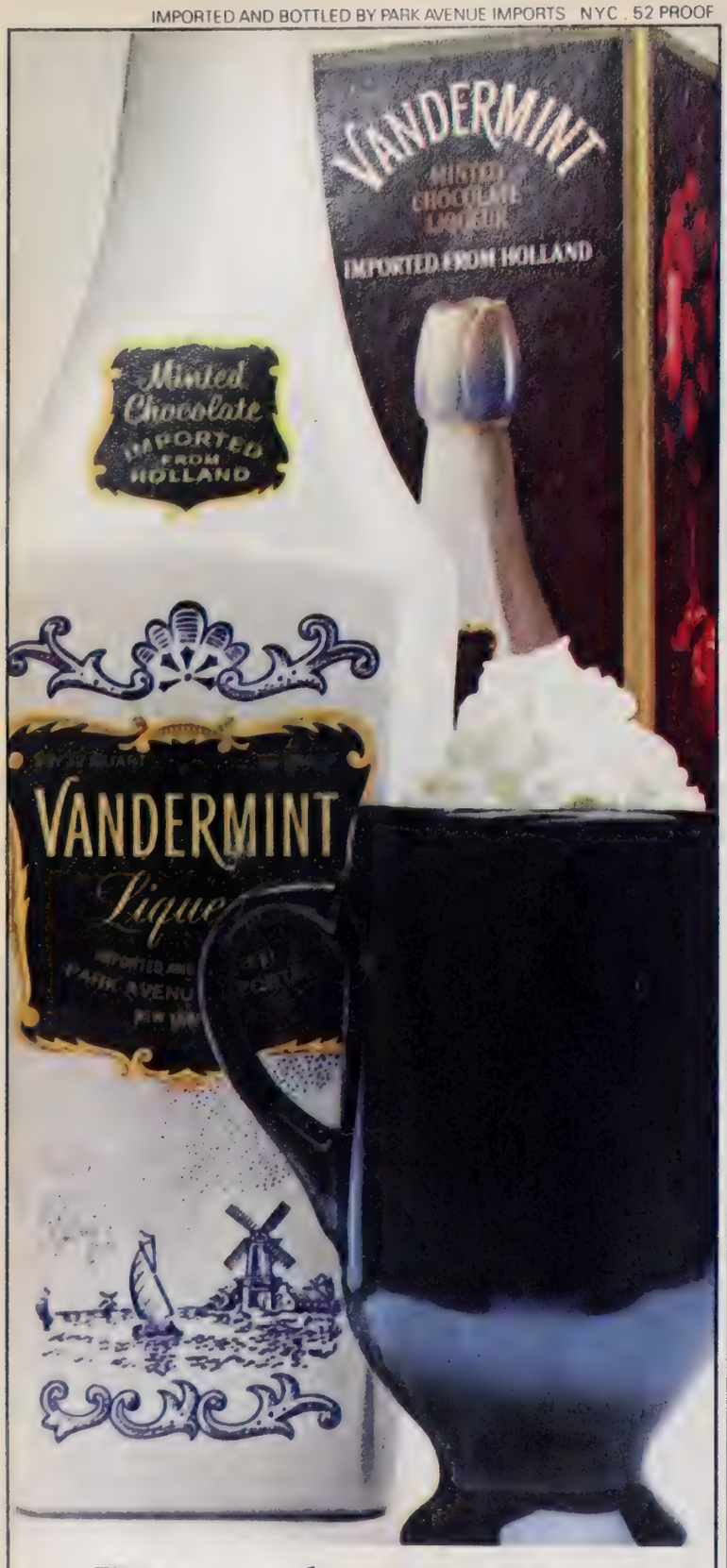
Above: *High ceilings and spiral stairs work together to open up the breakfast room, subtly link existing space to new addition.*

Top: *Original carport.* **Bottom:** *The addition of a 2-car garage and art studio blends in perfectly, follows original roof lines.*

Right: *Plan shows studio's four counter-height windows facing west. Eight-foot spiral staircase leads from the breakfast room to studio under raised roof areas.*

Opposite: *A studio that's got it all, including lots of sunlight.*

IMPORTED AND BOTTLED BY PARK AVENUE IMPORTS NYC . 52 PROOF



Dutch Coffee

Get into the spirit of things with this luscious Dutch Coffee: Pour 1½ oz. of Vandermint in a cup and fill with hot coffee. Top it off with whipped cream for a real "Dutch treat." Making it with Vandermint makes the difference.

by Vandermint.

THE MINTED CHOCOLATE LIQUEUR
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Free Vandermint Booklet of Drink and Food Recipes:
Vandermint Recipes, Box 1645, Dept. HGT, FDR Sta., NY, NY 10022

Wine & Food Tidbits

BY PENELOPE W. LINCK

● Two American champagnes to try: Gold Seal's new *méthode champenoise* (fermented in the bottle) Charles Fournier Blanc de Blancs is a very well made New York State champagne. It is crisp, totally dry, and tastes of the Chardonnay grape from which it is principally made. $8.70. The Christian Brothers in California make a fruity, light and delicious Brut champagne. The wine is fermented by the *charmat* process in large vats. Brother Timothy, Cellarmaster, allows the wine to stay on the yeasts 3–4 weeks to develop flavor for its secondary fermentation (which gives the wine its soft bubbles). $6.25.

● Two new books on French wine: Now more than ever it's important to *know* Burgundy. Reflecting this need (things change, even in such a tradition-bound region), H. W. Yoxall updated his book, *The Wines of Burgundy*, in 1979. It has won the *Prix Littéraire* of the *Confrérie des Chevaliers du Tastevin*, the first time a book written in English has earned the honor (Stein & Day, $10). For an overall look at French wines, read Alexis Lichine's new book, *Alexis Lichine's Guide to the Wines and Vineyards of France* (Knopf, $15). It may end up costing you more—its generous descriptions of the wine areas, winemakers, regional cuisine, plus a handy list at the end of each chapter of hotels and restaurants may tempt you to book a flight!

● Free microwave information: Swanson's has opened a microwave center to provide up-to-date information to help owners get the most and best use from their ovens. Plans include a toll-free number soon—but for now, write for free brochures detailing terminology, safety, techniques, microwave cookbooks. The staff will also answer written questions. Swanson Microwave Information Center, Box 56B, Campbell Place, Camden, N.J. 08101.

● Where to eat now in San Francisco: Greens! It's beautiful—in an old warehouse on Fort Mason—one wall is entirely tall windows overlooking the water. Edward Avedisian designed the interior—his paintings, which hang like banners, brighten the relaxed cream and beige setting. And, the simple food is simply fabulous: a pizza on puffy crust; a brown-rice casserole rich with tomatoes, cheese, herbs; a special—pasta with hazelnuts, cream, and Parmesan; brochettes of marinated tofu grilled with sweet potato, squash, mushrooms, onions, and peppers. If you hadn't guessed, Greens is a lacto-ovo vegetarian restaurant run by the Zen Bhuddists of the Tassajara monastery and bakery—one reason why that pizza is so good! Sandwiches average $3.50, pizza or brochettes, $5. A bottle of Trefethen's Eschol, $5. Greens is open for lunch and dinner, Building A, Fort Mason, San Francisco, Calif. 94123; (415) 771-6222.

● Live-action baking: "When a baking recipe calls for baking soda and buttermilk or yogurt and no other leavening agent, be careful," explains Paula Wolfert, cooking teacher and author of *Couscous and Other Good Food from Morocco* (Harper and Row). The buttermilk or yogurt must have live cultures (not ultra-pasteurized!) to react chemically with the baking soda and thus create the leavening action. If you have doubts about the buttermilk available to you, substitute baking powder for the soda.

Opposite page: *Essence of summer—Doug Spingler's cold honeydew soup. Photographed at The Silo. For recipe, see page 201; shopping information, page 208.*

WINE & FOOD

USE & GARDEN, JUNE 1950

Easy ways to make summer parties special!

Look again!

You are reading this through a glass washed in Dishwasher **all**. The reason it's so sparkling clean and clear is the special Rinse Agent Formula in Dishwasher **all**. It gets everything spotless as can be.

Tips and tempting recipes to celebrate your meals outdoors

Begin with a breakfast frittata, dine on marinated grilled pork with vegetable sates, finish with a fruit napoleon

BY PENELOPE WARTELS

Breakfast on the porch overlooking the sea, or in the garden, or on a city balcony is fabulous for the spirits, quick and easy for the cook. Have ready perfect fruit: wedges of ripe melon, ith peaches, nectarines, cherries, ber-es—not too cold. Take fruit outside on tray with plates, silverware, napkins, c. Next, quickly cook a *frittata*: Sauté me thinly sliced scallions and diced reen and red peppers with halved icken livers (dried on paper towels). ason with salt and freshly ground pep-r and cook until livers are just pink in-de, about 5 minutes. Beat eggs (8 for ½ ound livers, to serve 4 or 5) with a dash cold water, a few drops Tabasco uce, and salt and pepper. Lower heat, ur eggs over livers, and cook over low at about 10 minutes, until just set. un under broiler to cook and lightly own top. Serve outdoors from the skil-—it will stay hot—with hot corn-ead, also served from cooking pan, or ast. Or try a plain frittata—spread top th homemade preserves or sour cream d red caviar, or sprinkle with crisp rigs of watercress or arugula.

A *make-ahead fresh fruit cake* just nishes, served with steaming mugs of ffee. It may be prepared in the food ocessor. Cream together ¼ pound but-, grated zest of ½ lemon, and 1 cup gar. Add 2 eggs, 1 teaspoon vanilla, 1 p flour, a pinch of salt, and 1½ tea-oons baking powder and blend well. using processor, mix with just 2-3 lses, or it will overprocess.) Scrape o a buttered 8- or 9-inch cake pan and t 1½ cups fresh fruit—blueberries, ced peaches, diced apples, sliced apri-ts—on top. Sprinkle with 2-3 table-oons brown sugar mixed with a scant aspoon cinnamon. Bake in a preheated 0° oven about 30-35 minutes, or until p is golden and a toothpick inserted in nter comes out clean.

■ Quick grilling ideas for drinks

Let children be in charge of *Wyatt's sates*. A 5- or 6-year-old can help tend to these, once you've prepared the ingredients. Cut boned chicken breasts or lean pork shoulder into 1-inch cubes. Soak thin bamboo skewers in water so they won't burn, then let children thread meat on skewers, 5-6 pieces each. Make the sauce base: Combine equal parts molasses and soy sauce, add a little minced ginger, and thin with 1-2 spoonfuls of water. Simmer a few minutes. Combine some of this mixture with an equal amount melted butter to make a basting sauce. Let the children brush this on the sates, then carefully put on hibachi over glowing coals. Tell them to baste once or twice and turn after 3 minutes for chicken, 5 minutes for pork, and baste again. Cook chicken about 2-3 minutes longer, pork 4-5. Slide off skewers and serve with toothpicks and a peanut dip sauce: Finely chop ½ cup peanuts in blender or food processor, add ½ cup of the soy-molasses mixture, 2 teaspoons chopped ginger, 4 cut-up scallions, and the juice of 1 lime. Whirl until smooth. Season to taste with Tabasco sauce.

Clams: Remove cherrystone clams from the shells *(Continued on page 202)*

The chicken trick

A friend with one of those marvelous dome-covered grills always has grilled steaks or chops on Friday night. As soon as the meat is done, she separates the coals into 2 parallel lines, pops a large roasting chicken on the grill over the bare spot, and covers with the lid. Just before bed she takes it off the grill and voila! A succulent, slightly smoky chicken to enjoy for weekend lunches. You could also season chicken with a mixture of lemon juice, kosher salt, and minced garlic, rubbed inside and out. The trick works well with a turkey breast, too, which is nice basted with an herb butter. For a wonderful smoky flavor, soak hickory chips in water, throw on the coals when cooking poultry or any meats.

MEAL IN MINUTES

Menu for Four

Fish teriyaki
Coleslaw with sour-cream dressing
Chilled beer
Whole strawberries with strawberry sauce

Fishing has always been one of summer's great pleasures for teacher and chef John Clancy, who turns the day's catch into economical low-calorie dinners. Author with Beatrice Saunders of *Clancy's Fish Cookery*, he keeps this menu simple and light.

Preparation plan:

1. Mix mustard and water for teriyaki sauce, let sit 10 minutes while you shred cabbage for coleslaw, and toss to coat lightly with homemade mayonnaise, sour cream, and a little Dijon mustard. Season with chopped chives, salt and pepper.

2. Cook sauce for fish until clear, brush over fillets, broil.

3. While the fish fillets broil, purée about 1 cup strawberries with Grand Marnier and sugar to taste and pour into a sauceboat. Mound whole ripe berries in individual serving bowls and chill.

Fish teriyaki

INGREDIENTS

2 teaspoons dry mustard
1 teaspoon hot water
¼ cup Japanese soy sauce
½ cup chicken broth
1 tablespoon sugar
1 teaspoon cornstarch dissolved in 2 tablespoons dry sherry
2-2½ pounds fish fillets (red snapper, porgy, striped bass, or bluefish), rinsed and patted dry

METHOD

☐ Mix mustard with hot water, let sit 10 minutes. Blend with soy sauce, broth, sugar in a small pan. Bring to a simmer over medium heat, stir in sherry and cornstarch. Cook, stirring constantly, until mixture thickens and is clear. Set aside.

☐ Place fillets, skin-side down, on lightly greased broiler pan 4 inches from heat. Brush with soy sauce mixture and broil 6-8 minutes, or until fish flakes easily, basting often. Just before serving, pour a little soy sauce mixture over each fillet. Serves 4.

FROM *JOHN CLANCY'S FISH COOKERY* BY JOHN CLANCY WITH BEATRICE SAUNDERS. PUBLISHED 1979 BY HOLT, RINEHART AND WINSTON, INC. COPYRIGHT © 1979 BY JOHN CLANCY AND BEATRICE SAUNDERS. REPRINTED BY SPECIAL PERMISSION OF THE PUBLISHER

The covered-dish get-

Two ways to go about it . . . **1** Plan the menu jointly—everyone brings a favorite dish **2** You set the menu, delegate the cooking

Here, a 4-generation, 5-course picnic that's no fuss, all play

1 *Salads snug in a grape-picker's basket*

Leafy New Zealand spinach rings bowls of saffroned rice and haricots verts. Grated mild elephant garlic, grown by the Birnbaums, adds zing to champagne vinegar dressing.

2 *Fruits with cheese, summer style*

Cool grapes, melon slices, plums, nectarines to spread with creamy Yo-cheese.

3 *Carry-along desserts*

A triple-decker choice—pine-nut cookies, butter balls, Russian tea cakes. All three freeze well.

4 *Mini quenchers*

6-ounce wines to suit each dish—Père Patriarche white for fruit, seafood; red with spicy salads; Kriter sparkling wine, anytime!

together *uncovered*

We're an outdoor family, always in motion, so a picnic is a natural for us," says wine importer Bonny Birnbaum. Organizing four generations was a snap—she just sent out a "bring your own specialty" call to children and their spouses (1½-year-old Kate escaped kitchen duties), then all met at grandmother Bonoff's house to share the feast. Giant Indonesian tiger prawn tails, whole mussels and clams were tended by Leonard Birnbaum and son Richard, who put them in the smoker for 1 hour. To cook bivalves even faster, open them first, or roast them quickly, along with small shrimp, right over hot coals—delicious with daughter-in-law Christine's dill bread. Richard's wife Martha, in charge of main-course salads, plucked ingredients from the Birnbaums' garden: delicate haricots verts, blanched and glazed with walnut oil; whole peeled cherry tomatoes tossed in fresh basil and Leonard's homemade red wine vinegar; plus easy saffron rice salad.

(Continued on page 196)

5 *In the shade of an old oak tree*

Inviting fabric-draped table set with handmade wooden plates. Below, just-baked baguettes, fragrant dill bread.

Karen Radkai

6 *Shellfish says summer!*

Smoked tiger prawn tails, mussels, clams to dip in zesty sauce of grated baby horseradish, lemon, Reynac Pineau des Charentes, olive oil.

For picnic recipes, see page 196.

Give take-home food

On the way home... buy the best food in your neighborhood—from pasta to barbecue—then flowers, wine. Set them all in front of you. *Invent!* Here, two pretty meals that you can put together in half an hour

Karen Radkai

Two quick main dishes

Tortellini, top, in a fast sauce of cream, peas, ham, parsley. Salmon, above, grills after a sherry-garlic-soy bath.

Fresh fruits for a salad or a light dessert

Peppery watercress and endive salad, right, topped with slivers of mango and walnut halves. Ripe casaba melon for dessert, above, gets a boost from grated fresh ginger plus a squeeze of lime.

a homemade touch

You *can* have friends in for drinks, lunch, or dinner, even after a full work day. Jeanne Allen and Marc Grant, together known as Jeanne-Marc, the San Francisco-based clothing design firm (their lines now include the bright tablecloths, napkins, and placemats shown here) run from factory to store to fittings and back, then often have friends home afterwards. They bring the same inventiveness that created their playful quilted clothing to their party-giving, turning limitations into bonuses. Menus must be fast to prepare, ingredients the best and freshest, food should look terrific and be light (both they and their friends—and most of us—are on a constant diet watch). Their advice:

1 *Know your sources—*

Specialty food shops are popping up all over the country. Get to know them: Who has the best bread, and when does it come out of the oven? Who carries the freshest and widest range of produce? Where can you buy regional food specialties like pasta, chili, barbecue? While the small stores do not offer convenience or savings like supermarkets, they may be more reliable for quality.

2 *Plan ahead when possible—*

Shop by telephone. Make lists big as a chart and cross off with a see-through yellow marker. Make two trips—one for basics, one for last-minute freshest produce, like bread.

Buy twice as many vegetables as are needed. Steam them all, marinate half in light vinaigrette to serve next day as an appetizer or in salads.

3 *Create one menu outline and variations—*

(The same idea as a basic dress to accessorize differently.) The menu: pasta, seafood, green salad, fruit and cheese (with biscuits and sweet butter). Pasta (dried, imported, fresh from an Italian shop, or deli-made frozen stuffed pasta) is most often tossed with seasonal vegetables sautéed in olive oil and garlic, plus pine nuts and Parmesan. In summer, tortellini and vegetables are cooked, then refrigerated overnight. Vegetables marinate in vinaigrette. Just before serving, vegetables are tossed with the pasta, Parmesan, prosciutto, pine nuts. In winter the pasta may be replaced with a seafood stew of crab, scallops, clams, shrimp, and vegetables in a tomato base. Serve with green salad, French bread, fruit and cheese. Seafood could be cracked crab with lemon and aioli, or sautéed with fermented black beans, ginger, garlic, sesame oil. Serve with a beansprout salad with hot and sour dressing. In summer the seafood might be raw oysters or clams on the half shell. Or

Continued on page 198

Recipes, page 198. Shopping information, page 217

An easy lesson in cake decorating

Flowers poked into a store-bought cake give it a coquettish look. The cake, a Sacripantina, layers whipped cream and sabayon between spongecake layers.

ɔlor ıs flowers the ɔod

he first e at dinner, ucumber in bok choy (handmade rcelain). Each g punctuated orchid.

Charcuterie, presented with whimsy

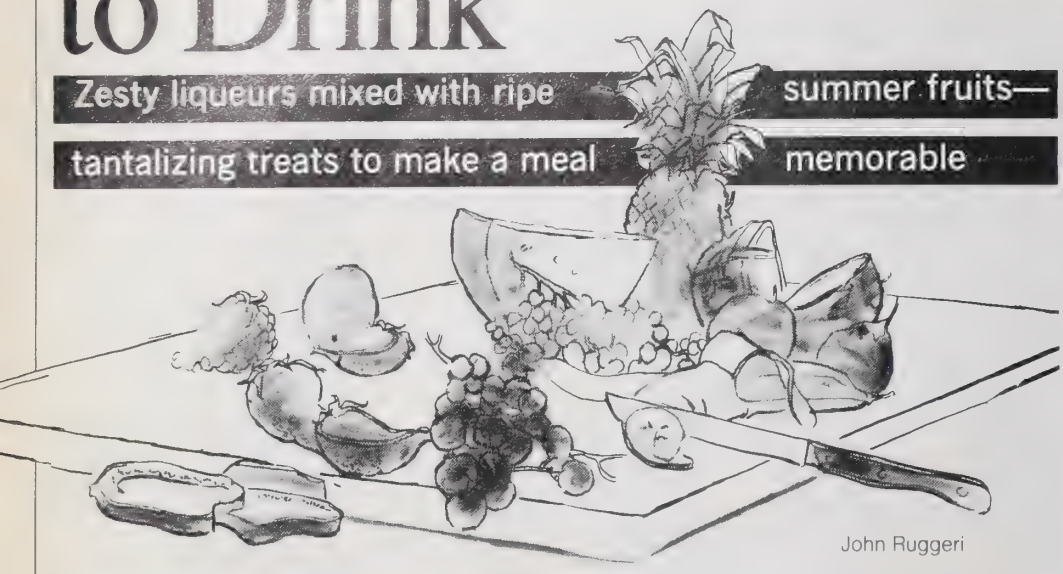
An assortment of sausages from mild to spicy-hot arranged on a wooden cutting board in the shape of a pig. They form part of an antipasto for a luncheon first course.

BY JAN WEIMER

GOOD SPIRITS

Desserts to Drink

Zesty liqueurs mixed with ripe summer fruits—tantalizing treats to make a meal memorable



John Ruggeri

Queen Catherine de Medici introduced the custom of drinking sweet liqueurs after dinner to circumvent her papa's prohibition of desserts. We've updated this 16th-century tradition with mixtures of fresh summer fruits, fruit liqueurs, spices, honey, and lemon to create spoonable drinks which can appear as zippy first courses or as light, refreshing desserts. Start with the recipes below or mix up your own summer potions, then chill several hours to blend the magical components.

Plum almond

INGREDIENTS

½ cup water
1 cup sugar
3 1-inch strips lemon zest
12 plums, halved and pitted
3 tablespoons grenadine syrup
½ cup orgeat syrup
1 tablespoon lemon juice
½ cup crème de cassis
1 cup Bols sloe gin
½ cup amaretto
2 teaspoons ground macaroons

METHOD

☐ Place water, sugar, and lemon zest in a heavy saucepan. Cook over low heat, shaking occasionally, until sugar dissolves. Add plums, cover pan, and poach about 10 minutes or until tender, turning halfway through. Wash down any sugar crystals clinging to the sides of the pan with a brush dipped in cold water. Cool, peel and slice plums, and return to poaching liquid with grenadine, orgeat syrup, lemon juice, crème de cassis, sloe gin, and amaretto. Discard lemon zest and mix well. Chill several hours, stirring occasionally. Sprinkle with macaroon crumbs before serving. Serves 4

Coconut and mango

INGREDIENTS

½ cup cream of coconut
1 cup Marie Brizard coconut liqueur
¾ cup heavy cream
2 mangos, peeled and thinly sliced

METHOD

☐ Mix cream of coconut with liqueur and cream until smooth. Stir in mangos and chill 1 hour. Serves 4.

Ginger nectarine

INGREDIENTS

1 2-inch piece ginger, peeled and julienned
1 cup water
1½ cups sugar
1 1-inch cinnamon stick
3 1-inch strips lemon zest
¾ cup ginger brandy
1 tablespoon lemon juice
4 large nectarines, peeled and sliced
Cinnamon

METHOD

☐ Cook ginger in a saucepan of boiling water about 10 minutes or until tender when pierced with a knife. Drain. Place water, sugar, cinnamon stick, and lemon zest in a heavy saucepan. Cook over low heat, shaking occasionally, until sugar dissolves. Add blanched ginger, cover pan, and simmer gently ½ hour. Wash down any sugar crystals clinging to the sides of the pan with a brush dipped in cold water. Let cool, then remove ginger with a slotted spoon and reserve. Discard cinnamon stick and lemon zest. Add brandy, lemon juice, and nectarines to the ginger syrup. Chill several hours, stirring occasionally. Dust each serving with cinnamon and garnish with several pieces of reserved ginger. Serves 4.

Strawberry mint

INGREDIENTS

2 cups Marie Brizard strawberry liqueur
2 teaspoons Leroux crème de menthe
About 1 tablespoon confectioners sugar, sifted
24 mint leaves, crushed
2 cups strawberries, sliced
Mint sprigs

METHOD

☐ Combine liqueur, crème de menthe, and sugar in a bowl. Mix in crushed mint leaves and strawberries, and chill several hours, stirring occasionally. Remove mint leaves, adding a fresh sprig for garnish. Serves 4.

Raspberry and grape honey

INGREDIENTS

2 cups Marie Brizard raspberry de Bordeaux
2 teaspoons raspberry vinegar or lime juice
3 tablespoons port
1 teaspoon vanilla extract
¼ cup honey
1 cup seedless green grapes
1 basket raspberries
4 figs, peeled, or 4 lime slices, fluted (optional)

METHOD

☐ Combine liqueur, vinegar, port, vanilla, and honey in a bowl. Peel grapes if desired and add to liqueur mixture with raspberries. Chill several hours, stirring occasionally. Garnish with figs or lime slices. Serves 4.

Kiwi, melon, and pistachio

INGREDIENTS

1 cup Midori melon liqueur
¼ cup Regnier Pistasha
1 teaspoon vodka
1 teaspoon lime juice
Confectioners sugar (optional)
2 cups honeydew melon balls
3–4 kiwifruit, thinly sliced
Mint sprigs

METHOD

☐ Combine Midori, Pistasha, vodka, lime juice, and sugar to taste. Mix in melon balls and kiwis and chill several hours, stirring occasionally. Garnish with mint. Serves 3–4.

(Continued on page 190)

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otine, av. per cigarette, FTC Report DEC. '79.

continued from page 188

Strawberry, watermelon, and almond

INGREDIENTS

1 cup Regnier Straretto or ½ cup amaretto
1 cup Marie Brizard strawberry liqueur
1 tablespoon Bols tripe sec
1 cup strawberries, sliced
1 cup watermelon balls
4 long-stemmed strawberries

METHOD

☐ Combine Straretto, strawberry liqueur, and triple sec in a bowl. Mix in strawberries and watermelon balls and chill several hours, stirring occasionally. Garnish with long-stemmed strawberries. Serves 3-4.

Caribbean

INGREDIENTS

1 cup Leroux banana liqueur
1 cup Marie Brizard coconut liqueur
¼ cup rum
½ cup Leroux coffee amaretto or ¼ cup coffee liqueur
2 tablespoons lime juice
8 ounces fresh pineapple, coarsely chopped
½ cup brown sugar
¼ cup coconut, freshly grated
½ cup pineapple, cut into ½-inch pieces
1 banana, sliced on the diagonal
4–6 whole pineapple slices

METHOD

☐ Combine banana liqueur, coconut liqueur, rum, coffee amaretto, lime juice, chopped pineapple, and brown sugar and purée in blender or food processor. Mix in coconut and cut pineapple, and chill several hours, stirring occasionally. Add banana just before serving and garnish with a slice of pineapple. Serves 4–6.

Cherry berry wine infusion

INGREDIENTS

2 cups red wine, such as Parducci Gamay Beaujolais
1 cup sugar
2 cloves
1 2-inch cinnamon stick
2 cups cherries, pitted
1 cup raspberries
1 cup blueberries
2 teaspoons rose water
4 teaspoons grenadine syrup
1 tablespoon lemon juice
½ cup creme de cassis
½ cup Leroux maraschino liqueur
¼ cup Marie Brizard Raspberry de Bordeaux
¼ cup Regnier cranberry liqueur (optional)
Long-stemmed cherries
Mint sprigs

METHOD

☐ Place wine, sugar, cloves, and cinnamon stick in a heavy saucepan. Cook over low heat, shaking occasionally, until sugar dissolves. Add cherries, cover pan, and poach about 10 minutes or until tender, stirring occasionally. Cool, remove cloves and cinnamon stick, and stir in raspberries, blueberries, rosewater, grenadine, lemon juice, crème de cassis, and maraschino, raspberry, and cranberry liqueurs. Mix well and chill several hours, stirring occasionally. Garnish with cherries and mint sprigs. Serves 4–6.

Wild cherry

INGREDIENTS

½ cup water
¾ cup sugar
3 1-inch strips lemon zest
1 clove
1 1-inch cinnamon stick
2 cups cherries, pitted
1 egg yolk
1 cup Leroux maraschino liqueur
2 tablespoons lemon juice
Whipped cream (optional)

METHOD

☐ Place water, sugar, lemon zest, clove, and cinnamon stick in a heavy saucepan. Cook over low heat, shaking occasionally, until sugar dissolves. Add cherries, cover pan, and poach about 10 minutes or until tender, stirring occasionally. Wash down any sugar crystals clinging to the sides of the pan with a brush dipped in cold water. Cool cherries in syrup. Strain, reserving cherries and poaching liquid.

☐ Place egg yolk in a heavy saucepan. Whisk in maraschino liqueur and cherry poaching liquid and stir constantly over low heat until slightly thickened. Mix in lemon juice and cherries, and chill several hours, stirring occasionally. If desired, garnish with rosettes of whipped cream. Serves 4.

Chocolate and orange

INGREDIENTS

Zest of 1 orange, in ¼-inch strips
½ cup water
1 cup sugar
1 cup orange juice, freshly squeezed
½ cup Sabra
3 tablespoons Cointreau
2 tablespoons crème de cacao
Segments of 2 oranges
1 ounce bittersweet chocolate

METHOD

☐ Boil orange zest 10 minutes, then drain. Place water and sugar in a heavy saucepan. Cook over low heat, shaking occasionally, until sugar dissolves. Add blanched zest and simmer about 25 minutes, or until candied. Remove zest to a rack set over a baking sheet and separate the pieces, reserving the candying syrup. Let zest dry at least 6 hours.

☐ Add orange juice to candying syrup and stir over low heat, washing down any sugar crystals clinging to the sides of the pan with a brush dipped in cold water. Cool and combine with Sabra, Cointreau, and crème de cacao. Add orange sections to liqueur mixture. Mix well and chill several hours or overnight, stirring occasionally.

☐ Melt chocolate over warm water. Dip one end of each strip of orange zest into chocolate and return to rack to harden. Garnish each serving with several pieces. Serves 3–4.

Caramel peach hazelnut

INGREDIENTS

1 cup water
1 cup sugar
4 large peaches, peeled and sliced
1 tablespoon (½ ounce) hazelnuts, roasted and husked
1 teaspoon lemon juice
2 teaspoons vanilla extract
⅛ teaspoon nutmeg, freshly grated
½ cup peach liqueur
2 tablespoons Frangelico hazelnut liqueur (optional)

METHOD

☐ Place ½ cup water and the sugar in a heavy saucepan. Cook over low heat, shaking occasionally, until sugar dissolves. Add peaches, cover pan, and poach about 10 minutes or until tender, turning halfway through. Remove peaches with slotted spoon and set aside. Boil peach-poaching syrup until it is just caramelized, washing down any sugar crystals clinging to the

Continued on page 19.

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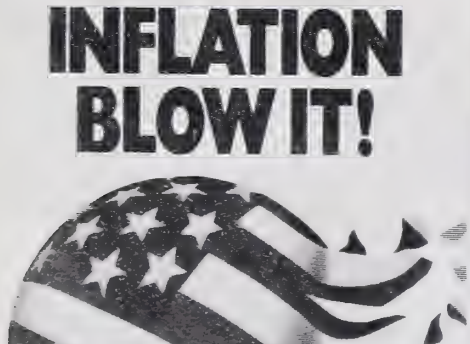

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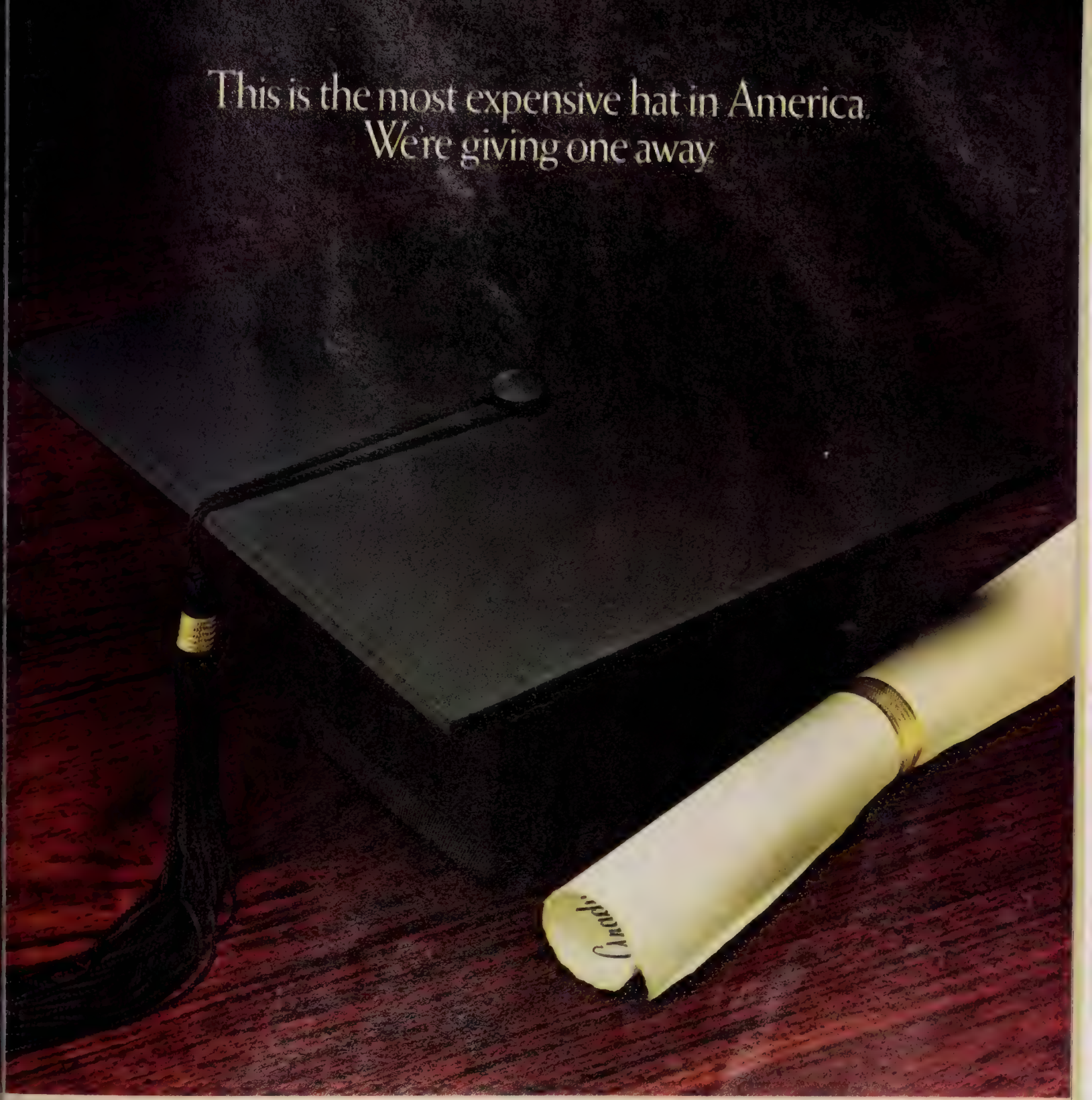
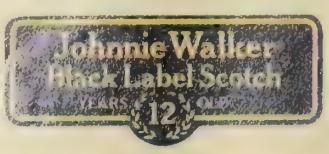


For Father's Day. The 4th Annual Johnnie Walker® Black Label Scholarship Contest.

That hat represents our grand prize: $30,000 for a college education (or $30,000 in cash). But there's a $10,000 bonus for the grand prize winner, if you answer the Mystery Bonus Question which you can find at participating restaurants or merchants. Use the coupon on this page or get an entry blank at the same place you find the Mystery Bonus Question. It's a great way to earn extra credits—$10,000 worth.

Official Rules 1. To enter, fill in the official entry form - clearly hand printing your name, address and the answers requested in all three statements (or on a 5" x 8" plain piece of paper clearly hand-print your name, address and answers requested in the three statements on the official entry form). The answers to these statements may be found by looking at the labels of any bottle of Johnnie Walker Black Label Scotch Whisky. Labels may be obtained by requesting same from: Labels, P.O. Box 333 Pound Ridge, NY 10576. Bonus phrase may be found on game board displays in all participating restaurants or liquor stores or by writing to: Bonus Phrase P.O. Box 999, Pound Ridge, NY 10576. **2.** Enter as often as you wish, but each entry must be mailed in a separate envelope no larger than 4-1/8" x 9-1/2". Mail to Johnnie Walker Black Label Contest, P.O. Box 5055, New Canaan, Conn. 06842. Entries must be postmarked by June 23, 1980 and received by June 30, 1980. **3.** Winner will be determined in random drawings from among all correctly answered and eligible entries conducted by V.I.P. Service, Inc., an independent judging organization whose decisions are final, and will be mailed by registered mail. **4.** Grand Prize: The cost of a four year college education for the winner's child or anyone the winner chooses, up to a limit of $30,000 in cash to be paid in one sum or, $1,875.00 quarterly per year over a period of four years. **Bonus Prize:** $10,000 in cash to be used (if so elected by the winner) toward the cost of a college education for the winner's child or anyone the winner chooses. The prize winner will be required to execute an affidavit of eligibility and release granting to Somerset Importers, Ltd. the right to use winner's name and photo in publicity. **5.** Prizes are non-transferable—NO correspondence will be entered into. The odds of winning will be determined by the number of correctly answered entries received. Both prizes (valued at $40,000) will be awarded. Local, state, and federal taxes, if any, are the responsibility of winner. **6.** Contest open to residents of the United States. Employees and their families of Somerset Importers, Ltd., their advertising agencies, liquor wholesalers and retailers, and V.I.P. Service, Inc. are not eligible. Contest void in Pennsylvania, Utah, Texas, Ohio, and wherever prohibited or restricted by law. All federal, state and local laws and regulations apply. **7.** ENTRANTS MUST BE OF LEGAL DRINKING AGE UNDER THE LAWS OF THEIR HOME STATE AS OF MAY 1, 1980. **8.** A list of winners will be available two months after the close of the contest to anyone who sends a stamped self-addressed envelope to: Johnnie Walker Black Label Winners List, P.O. Box 666 Pound Ridge, NY 10576. Please do not send entries to this address. **9.** The Official Entry Form may not be reproduced. PLEASE PRINT



OFFICIAL ENTRY FORM

To enter, look at the labels on any bottle of Johnnie Walker Black Label Scotch and indicate the correct answers requested below.

1. Johnnie Walker Black Label Scotch is blended and bottled in (answer)_____
2. Johnnie Walker Black Label Scotch is (answer)_____ years old
3. Johnnie Walker Black Label Scotch is (answer)_____ proof

To be eligible for the $10,000 bonus prize, write the correct bonus phrase below.

Bonus Phrase _____

Mail your completed entry form to
JOHNNIE WALKER BLACK LABEL
FATHER'S DAY SCHOLARSHIP CONTEST
P.O. Box 5055 New Canaan, CT 06842

I certify that I am of legal drinking age under the laws of my home state as of May 1st, 1980.

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

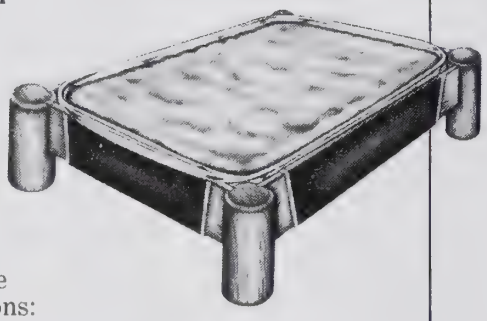
Blended Scotch Whisky—86.8 Proof. Imported by Somerset Importers, Ltd., N.Y.
© 1980

Cornelius
for Corning

I can't see why anyone would settle for store-bought cake, when making your own is as easy as this fruit-full white cake. (A 12-year-old boy* gave me the recipe, so I guess it's fair to say a kid could make it!) It's a perfect cake to bake and serve in a Pyrex® Baker-In-A-Hammock. That's a big Pyrex baking dish in a bright canvas sling on a hardwood frame.** I like to bring the whole thing (cake and all) as a housegift when I'm visiting country cousins.

It's a piece of cake.

4 eggs
2 cups sugar
2 cups flour
½ tsp. salt
1½ cups vegetable oil
2 T. baking powder
4 tsp. vanilla
3½ cups fruit—fresh, or frozen or canned (drained). Do not use pie filling. Suggestions: blueberries, apples, tart pie cherries.
1 T. sugar (if using fresh fruit)



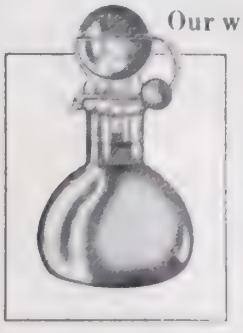
Beat eggs, add remaining ingredients except fruit all at once and mix well. Cover bottom of 13" x 9" Pyrex baking dish with drained fruit; sprinkle with sugar if needed. Drop batter by spoonfuls evenly over fruit (it's too stiff to spread). Bake in 350° oven for 45 minutes. Serve directly from baking dish, warm or at room temperature. (It's a dream with ice cream!)

*Thanks to Billy Purdy of Denver.
**Baker-In-A-Hammock, available in 3 canvas patterns, is in department and specialty stores.

Now you're on the right rack!

This gleaming-white, solid Corning Ware® roasting rack was originally designed for microwave ovens, but it's such a pleasure in *any* oven, you may never use anything else again. To clean, you just soak it in detergent and water, then lightly scrub bad burn-ons with plastic mesh. Now, when was the last time you saw a roasting rack as clean as that!

Our wine decanter is a real corker.



There's a vintage addition to the Pyrex collection of beverage servers. It's a handsome one-quart wine decanter with a natural cork top for storage. It has the sleek lines of delicate crystal, but it's sturdy Pyrex ware, so you'll use it to chill and serve everything from the fruit of the vine to fruit juice. I'll drink to that!

At your service, Cornelius

CORNING

CORNELIUS O'DONNELL, CREATIVE SERVICE, CORNING GLASS WORKS, CORNING, NY 14830
CORNING WARE AND PYREX ARE REGISTERED TRADEMARKS OF CORNING GLASS WORKS, CORNING, NY 14830
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Good spirits

continued from page 190

sides of the pan with a brush dipped in cold water. Dip hazelnuts into one corner of the caramel with a slotted spoon and remove to an oiled baking sheet. Stand back and add additional water to the remaining caramel and shake over medium heat until it melts. Cool and add lemon juice, vanilla, nutmeg, peach liqueur, Frangelico, and poached peaches. Mix well and chill several hours, stirring occasionally. Pulverize caramelized hazelnuts and sprinkle over peaches before serving. Serves 4.

Blackberry cassis cream

INGREDIENTS

1 cup blackberry liqueur
½ cup heavy cream
½ cup crème de cassis
⅓–½ cup confectioners sugar, sifted
⅛ teaspoon lemon zest, grated
2 cups blackberries

METHOD

☐ Combine liqueur, cream, and crème de cassis in a bowl. Add sugar and pass through a fine sieve to eliminate any lumps. Mix in lemon zest and blackberries and chill several hours or overnight, stirring occasionally. Serves 4.

Apricot pistachio

INGREDIENTS

12 apricots, peeled and pitted
¼ cup apricot jam
2 tablespoons lemon juice
¾ cup apricot liqueur
Confectioners sugar (optional)
1 cup Regnier Pistasha liqueur
2 teaspoons pistachios, chopped

METHOD

☐ Purée apricots in blender or food processor with jam, lemon juice, and apricot liqueur. Sweeten with confectioners sugar if desired. Chill several hours or overnight. Divide among 4 serving glasses. Add ¼ cup Pistasha liqueur to each glass, maintaining a distinct layer by pouring it over an inverted spoon. The Pistasha could also be added several hours before this is served. Sprinkle with pistachios. Serves 4.

Raspberry and pear

INGREDIENTS

½ cup water
1 cup sugar
½ vanilla bean or 1 teaspoon vanilla extract
6 1-inch strips lemon zest
2 ripe Comice or Bosc pears, peeled, halved, and cored
1 basket raspberries
1 tablespoon lemon juice
½ cup Marie Brizard Raspberry de Bordeaux
½ cup Marie Brizard Pear William
Mint sprigs

Continued on page 196

NOW YOU CAN FEEL BETTER ABOUT GETTING INTO HOT WATER.

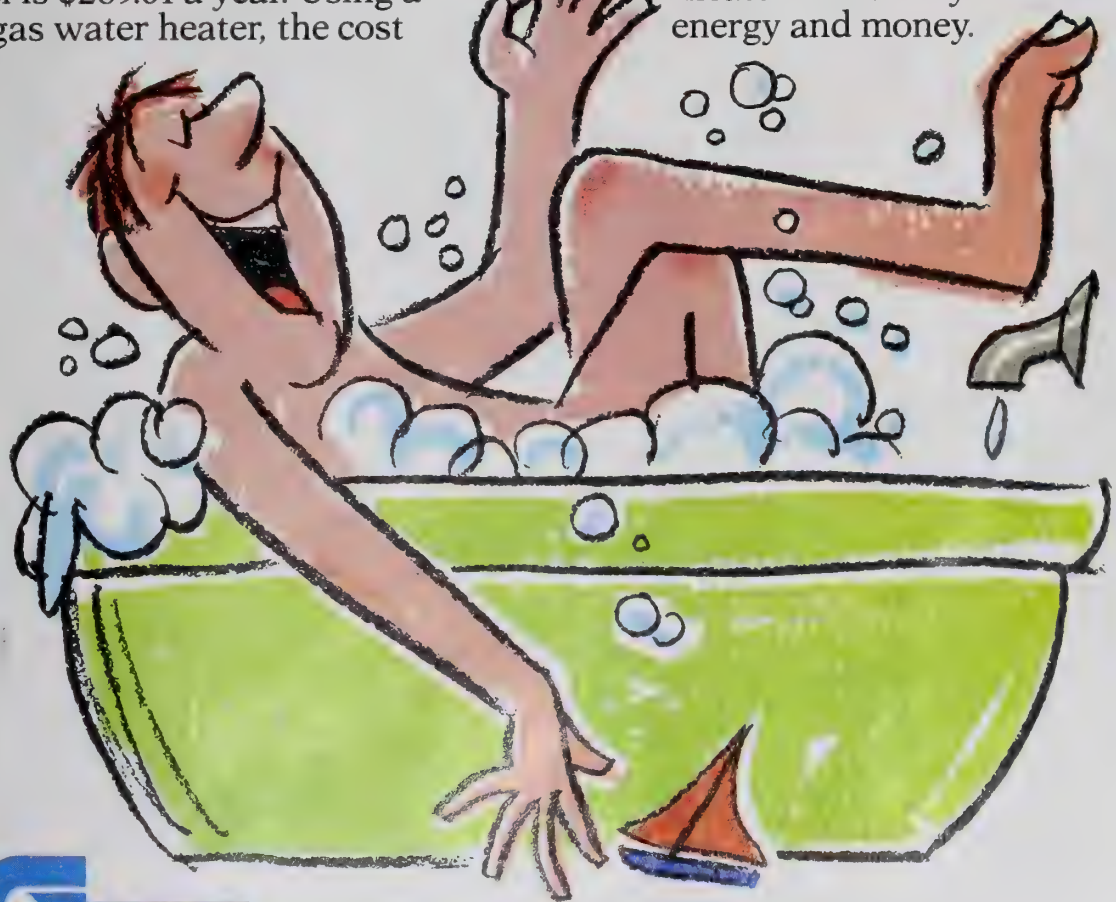
Stepping into a steaming tub for a long soak requires energy. Yours. And the country's. But, now there's a way you can save a little of both.

Compared to electric, the new gas water heaters can save you $178.66 a year.

For the average family, the cost of heating water with an electric water heater is 2½ times the cost of using a gas model. Comparing dollars to dollars, the cost of using an electric model is $289.01 a year. Using a new gas water heater, the cost is only $110.35—a substantial savings in anybody's pocket.*

You see, today's gas water heaters are equipped with many energy-saving features—improved burners, flues and heat transfer, better insulation and low-input pilots. All of which helps you keep water heating costs down.

So, the next time you feel like getting into a little hot water, why not feel a lot better about it. A new gas water heater will save you energy and money.



Gama

Gas Appliance Manufacturers Association

The new gas appliances are good for your economy.

*Comparisons are based on the average conditions specified in the Department of Energy test procedures as applied to units whose capacity is used predominately in residential applications.

YOU'VE GOT IT MADE IN
BEACH UMBRELLA OFFER

Ah, wonderful summer! You've got a stack of grandwiches. All sorts. Each livened with the zesty taste of Miracle Whip salad dressing, "The Bread Spread." (Without it, a sandwich can't be grand.)

And you've got your own little place in the shade to relish them under: the "Miracle Whip" Beach Umbrella. Of 100% easy care nylon, it's an 8-ribbed, blue and white sun shelter, spanning 72" in diameter. Featuring a one-inch zinc-plated steel pole, in two sections, it's yours from Kraft for just $19.95.

The "Miracle Whip" Beach Umbrella. And those delectable grandwiches. Ah, yes! You sure *have* got it made.

BEACH UMBRELLA OFFER

MAIL TO: MIRACLE WHIP
BEACH UMBRELLA OFFER
P.O. BOX 3342
MAPLE PLAIN, MN 55348

Please send me _____ BEACH UMBRELLA(S). For each one I enclosed $19.95 in check or money order (no cash or stamps, please), plus one back label from any size of Miracle Whip salad dressing. (Please soak empty jar in warm water for 15 minutes to remove label.)

Please indicate method of payment below: (no cash or stamps, please)

☐ Visa ☐ Master Charge ☐ American Express
☐ Check or money order payable to Miracle Whip Beach Umbrella Offer

Credit card # _____

Exp. date _____ Phone ( ) _____

Signature _____

NAME _____
(PLEASE PRINT)

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PLEASE ALLOW 6-8 WEEKS FOR DELIVERY. Offer good in U.S.A. and APO/FPO addresses only. Void where prohibited, licensed or otherwise restricted. OFFER EXPIRES DECEMBER 31, 1980.

STORE COUPON

10¢ 10¢

Save 10¢

when you buy one quart or two pints or one 48 oz. jar of Miracle Whip salad dressing.

TO THE GROCER: You are authorized to act as our agent in redeeming this coupon. We will reimburse you for the face value of this coupon plus 5¢ handling each coupon, provided you and the customer have complied with the terms of this offer. Proof of purchase of sufficient product specified to cover coupons redeemed must be furnished upon request. Redemption through outside agencies, brokers, etc., will not be honored unless authorized by Kraft. The customer must pay any sales or similar tax on product purchased. Coupon void if use is prohibited, restricted or taxed. Good only where this offer is displayed or advertised. Cash redemption value of coupon 1/20¢. Redemption on other than product specified constitutes fraud. **KRAFT, INC., RFG P.O. BOX 1600, CLINTON, IOWA 52734.** COUPON EXPIRES Nov. 30, 1980.

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THE SHADE... WITH THE FROM MIRACLE WHIP.

Good spirits

continued from page 192

METHOD

☐ Place water, sugar, vanilla bean, and lemon zest in a heavy saucepan. Cook over low heat, shaking occasionally, until sugar dissolves. Add pears, cover pan, and poach about 15 minutes or until tender, turning halfway through. Wash down any sugar crystals clinging to the sides of the pan with a brush dipped in cold water. Cool and strain, reserving the pears and poaching syrup.

☐ Purée pear-poaching syrup with half the raspberries. Force through a fine sieve and flavor with lemon juice and raspberry and pear liqueurs. Slice pears and add with remaining raspberries. Mix well and chill several hours, stirring occasionally. Garnish with mint. Serves 4.

Orange, melon, and lime

INGREDIENTS

1 cup water
1 cup sugar
6 1-inch strips lime zest
1 tablespoon lime juice
½ cup Marie Brizard Orangero
1 tablespoon Scotch whiskey
1 tablespoon orange-flower water
2 cups cantaloupe or honeydew melon balls
4 nasturtiums (optional)

METHOD

☐ Place water, sugar, and lime zest in a heavy saucepan. Cook over low heat, shaking occasionally, until sugar dissolves. Simmer gently 10 minutes. Cool, remove the lime zest, and add the lime juice, Orangero, Scotch, and orange-flower water. Mix in the melon balls and chill several hours, stirring occasionally. Garnish with nasturtiums. Serves 4. ■

Covered dish get-together

continued from page 185

Bonny Birnbaum's tip for the salad: Pop chicken breasts in boiling broth, return to a boil, then turn heat off. When completely cool, chicken has a velvety soufléed texture—use broth to cook rice for salad, mix with the chicken (chunked), bell peppers, spiced sausage, ripe olives, fresh peas. Daughter Jane made tangy Yo-cheese (yogurt and cream dripped together overnight in the refrigerator until firm) to pair with ripe summer fruit. The packable, portable dessert—cookies from Mrs. Bonoff: her Russian mother-in-law's tea cakes, sister-in-law's butter balls, and a daughter's recipe for pine-nut cookies, all easy to make ahead and freeze unbaked.

Saffroned rice salad

INGREDIENTS

6 cups chicken stock
4 chicken breasts, skinned
¼ cup olive oil
2 cups long grain rice
¼ teaspoon saffron, steeped in 2 tablespoons hot chicken stock
Salt
3 tablespoons butter
1 pound well-seasoned sausage (Italian hot or sweet, Polish, etc.), cooked and sliced
2 red bell peppers, seeded, cored, and chopped
1 cup fresh green peas, blanched
½ cup black ripe olives, pitted and sliced
Champagne vinegar dressing (recipe opposite page)

METHOD

☐ Bring the chicken stock to a boil in a kettle. Drop in the chicken breasts, bring the stock back to a boil, then turn the heat off. When the chicken breasts and stock are completely cool, lift out the chicken, pat dry, and cut into chunks.

☐ To cook the rice, either pour it into 4 cups reserved stock with the saffron and a pinch salt, bring to a boil, cover, and cook in the usual fashion. Or, for very fluffy, dry, *al dente* rice, heat the olive oil in an ovenproof, heavy-bottomed kettle and stir in the rice. Stir over medium heat until the rice is milky and takes on a little color. Stir in 5

Turn plain cream pie into higher, lighter, creamy Dream Pie. So easy and m-m-m... so delicious!

On the left, a plain chocolate cream pie. On the right, a luscious Chocolate Dream Pie. It's made with Dream Whip® Whipped Topping Mix, extra Jell-O® Brand Instant Pudding, and milk. That makes the creamy light difference.

Dream Pie is easy to make because you use Jell-O Instant Pudding, so there's nothing to cook. And best of all, you make the pie all in one bowl. Dream Pies look great, taste great, and hold their shape beautifully. You'll want to turn your plain cream pies into higher, lighter, creamy Dream Pies.

GF GENERAL FOODS

ɔs reserved chicken stock, the saffron, d a pinch of salt and bring to a boil. Cov- the pan tightly and place in a preheated ɔ° oven 18-20 minutes or until the rice is fy and dry. Mix in the butter gently with 2 ks.

Add the chicken, sausage, bell peppers, as, and olives to the cooked rice and s gently. Refrigerate. Toss with dressing t before serving. Serves 8.

ll bread

GREDIENTS

ackage yeast
ablespoons sugar
cup warm water
up creamed cottage cheese
cup butter
ablespoon onion, minced
easpoons dillweed
easpoon salt
teaspoon baking soda
gg
cups flour
seed (optional)

THOD

Dissolve yeast with 1 tablespoon sugar warm water and let "proof"—this will e about 10 minutes, or until yeast bub- s and rises in the cup somewhat.

Place cottage cheese, butter, remaining ar, onion, dillweed, salt, and baking da in a saucepan and heat slowly just il warm.

☐ Beat the egg well in a large bowl and stir in the yeast mixture. Beat in the cottage cheese mixture, then mix in enough flour to make a soft dough. Turn dough out onto a lightly floured surface and knead 10 minutes or until smooth and springs back when indented with fingers. Place in a buttered bowl, turn to coat all sides, and cover with a damp towel. Let rise in a warm place 1 hour or until doubled in bulk.

☐ Punch dough down and shape into a loaf. Place in 1 buttered 8-by-5-by-3-inch loaf pan (or 2 smaller pans) or a $1^1/_2$-quart round casserole. Cover with a damp towel and let rise in a warm place 30-40 minutes. Bake in a preheated 350° oven about $^1/_2$ hour, or until loaf is golden brown and sounds hollow when tapped on bottom. Turn out of pan and cool on rack. While still warm, brush with melted butter and sprinkle with dillseed if desired.

Horseradish and lemon sauce for smoked seafood

INGREDIENTS

⅓-¼ cup lemon juice
Zest of 1 lemon, grated
2 tablespoons horseradish, peeled and freshly grated
⅓-¼ cup Reynac Pineau des Charentes
Salt
⅓ cup French olive oil

METHOD

☐ Mix lemon juice into grated zest. Add the horseradish, Reynac, and salt to taste. Beat in the oil with a fork. Chill. Before serving, add more horseradish to taste.

Champagne vinegar dressing

INGREDIENTS

1 clove elephant garlic, peeled
1 small bunch fresh chervil, washed, patted dry, and minced (about 3-4 tablespoons)
1 small bunch fresh coriander, washed, patted dry, and minced (about 3-4 tablespoons)
½-¾ cup champagne vinegar
Salt

METHOD

☐ Mash the garlic with the side of a heavy knife, then crush the chervil and coriander into the garlic to make a paste. Stir in the vinegar, mixing well, and season to taste with salt. Serve at room temperature.

Rich and creamy yogurt cheese

INGREDIENTS

2 pints Dannon plain low-fat yogurt
1 pint heavy cream
1 cup walnut halves or quarters

Continued on next page

Chocolate Dream Pie...as simple as a, b, c.

2 envelopes DREAM WHIP® Whipped Topping Mix
2¾ cups cold milk
1 teaspoon vanilla
2 packages (4-serving size) JELL-O® Brand Chocolate Flavor Instant Pudding or any other flavor
1 baked 9-inch pie shell, cooled

a. Prepare whipped topping mix as directed on package (using 1 cup milk and 1 teaspoon vanilla) in large mixing bowl. Add remaining milk and pudding mix.

b. Blend; then beat at high speed for 2 minutes, scraping bowl occasionally.

c. Spoon into pie shell. Chill at least 4 hours.

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Covered dish get-together

continued from preceding page

METHOD

☐ Place the yogurt in a mixing bowl. Stir in the cream until thoroughly blended. Place mixture in a cheesecloth-lined strainer or colander over a bowl so the whey (liquid) can drain freely. Place in refrigerator and let stand 16-24 hours. The longer the mixture drains, the firmer the final cheese.

☐ After the mixture has drained, place the yogurt cheese in a bowl lined with plastic wrap so the cheese will mold into a ball. Just before serving, unmold cheese and press walnuts onto surface.

Note: Combining the yogurt with cream and letting it drip in the refrigerator results in a creamier, less tart cheese. If you prefer a tangier cheese, omit the cream and/or let it drip at room temperature.

Pine-nut cookies

INGREDIENTS

¼ pound sweet butter
½ cup sugar
1 egg yolk
1 teaspoon vanilla
1 cup flour, sifted
½ cup pine nuts, toasted

METHOD

☐ Cream together the butter and sugar in a bowl. Beat in the egg yolk, vanilla, and flour, then mix in the pine nuts or press two on the top of each cookie once shaped. Chill 2-3 hours. Drop batter by teaspoonfuls onto buttered and floured cookie sheets. Bake in a preheated 300° oven 20-25 minutes, until pale golden color. Let cool on a rack. Makes about 30 cookies.

Butter ball cookies

INGREDIENTS

¾ pound butter, softened
3 cups flour
1 cup sugar
2 egg yolks
Jelly of your choice

METHOD

☐ Combine all ingredients except jelly in a bowl and blend well. Chill 2-3 hours. Break off small pieces of dough and roll into balls. Place on greased cookie sheets and make an indentation with your thumb in the center of each cookie. Fill with ½ teaspoon jelly. Bake in a preheated 375° oven 12-15 minutes or until lightly browned. Let cool on a rack. Makes about 48 cookies.

Russian tea cakes

INGREDIENTS

3 cups flour
1 cup sugar
3 teaspoons baking powder
½ pound butter
4 egg yolks, beaten
½ cup sour cream
1 teaspoon vanilla
1 tablespoon cinnamon
½ cup walnuts, chopped fine
Clear fruit jelly, warmed
1 egg white, lightly beaten

METHOD

☐ Combine flour, ½ cup sugar, and baking powder in a bowl. Cut in the butter until well blended. Combine egg yolks, sour cream, vanilla and blend into flour-butter mixture. Refrigerate, covered, overnight.

☐ Divide the dough into 3 equal parts. Roll out on a floured surface into 2- or 2½-inch-wide strips about ¼ inch thick. Mix together the remaining sugar, cinnamon, and nuts and sprinkle over the dough. Pour warmed jelly over the sugar-cinnamon, being careful not to pour it too close to the edge. Roll up the strips as you would a jelly roll. Brush dough with egg white, then cut rolls into 1-inch-thick slices. Place on greased cookie sheet and bake in a preheated 350° oven 25 minutes or until delicately brown. Let cool on a rack. Makes 2-3 dozen. ■

Take-home food

continued from page 187

mussels steamed in white wine with garlic. In winter, add a cup of heavy cream to the mussel broth. Scallops in summer appear as ceviche, made the night before and served with a salad of tomatoes, cucumbers, peppers, and other seasonal vegetables. Or ceviche can be stuffed into a globe artichoke also cooked ahead.

■ Remember these last-minute ideas—

Bring sushi home from a Japanese restaurant for instant hors d'oeuvre, slice the rolls yourself. Buy or make ahead a frittata. Jeanne's favorite is an aromatic combination of sausage, zucchini, spinach, garlic, and herbs with just enough egg to bind. Its texture is soft enough to scoop up with celery sticks. For a pick-up dinner, just one stop at a deli for sausages and cheese. Everyone gets a cutting board and knife. Set out bowls of fresh and marinated vegetables, bread, fruit. Keep crème fraîche on hand to turn berries into a voluptuous dessert. Grate fresh ginger into lemon ice and serve in tall wineglasses. Birthdays and special occasions merit a break from no dessert. Italian bakery to the rescue with a zucotta or a Sacripantina, "light, not too sweet, and baked daily."

■ Make your presentation!

Jeanne and Marc collect things—from shops, crafts shows, flea markets. They buy spontaneously, confident that each piece will find a use. Purchases often have a whimsical touch, create magic when combined with flowers and food. A cutting board in the shape of a pig lends itself to an amusing display of charcuterie; the wide border of the large platter holding the tortellini (by Karin Wikström and Stephen Rappaport) makes it beautiful for food presentation. Quilted placemats are sometimes used double for a very soft look (old ones are wrapped around flowerpots, good side out); napkins are two triangles, one solid and one print, sewn together on the diagonal to achieve a double look with only one napkin. Try it yourself—sew together with a zigzag stitch. Plates do *not* match—they are every color and lots of patterns. Who said you had to choose one?! And flowers everywhere—like birthday candles on a cake, like a present on a soup bowl, in bouquets on the table. Tall glassware adds lightness to the gaiety. Cotton belts wrap an umbrella pole. And always-colorful food—the bright colors of fresh vegetables stud the white of pasta, or create a still life on a bed of cabbage leaves.

BUFFET LUNCHEON

Antipasto:
Red peppers stuffed with green pepperoncini
Red cabbage leaves stuffed with sausage frittata
Celery sticks, cherry tomatoes, cucumber slices
Marinated green olives
Sausage
Pepperoni
Campari and soda with lime
North Beach tortellini
Bread sticks, star breads, sweet butter
Soave
Casaba melon with fresh ginger and lime juice
Freshly ground Italian coffee
Italian hard candies

North Beach tortellini

INGREDIENTS

1 pound fresh tortellini, or 2 8-ounce packages frozen
¼ pound sweet butter
3 ounces prosciutto, thinly sliced, then chopped
½ pound fresh peas, shelled, or one 6-ounce package frozen petits pois
1 pint heavy cream
½ cup Parmesan cheese, grated
Handful fresh Italian parsley, chopped
Freshly ground pepper

METHOD

☐ Add the pasta to 4 quarts rapidly boiling water, reduce heat to medium, and cook about 10 minutes or until *al dente.* Drain and rinse. Melt the butter in a large skillet, then add the prosciutto and peas. (If using fresh peas, blanch 1 minute in boiling salted water.) Turn the peas and ham in the butter until well coated. Add the drained pasta and turn until well coated, keeping the heat at medium low. Add the cream

Continued on page 200

7 EASY WAYS TO STIR UP CARIBBEAN MEMORIES

CocoRibe®, the liqueur made from wild island coconuts and fine Virgin Islands rum makes it easy to get a taste of being on a sunny Caribbean beach.

(Clockwise from bottom) CocoRibe Colada, CocoRibe-on-the-rocks, CocoRibe and milk, CocoRibe and cola, CocoRibe and orange juice, CocoRibe and ice cream, CocoRibe and coffee.

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New York, New York [illegible]

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Street _____

City _____ State _____ Zip _____

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continued from page 198

and mix well. Add the cheese and mix gently until a cohesive sauce has formed—this takes about 30 seconds. Add parsley and turn out onto a heated platter. Season to taste with pepper and more grated Parmesan.

DINNER FOR FOUR

Cold cucumber soup
Barbecued salmon steaks
Garlic green beans
Baguette and sweet butter
Watercress, endive, and mango salad with walnut vinaigrette
Chappellet Chardonnay '77
Sacripantina
Fruit, Gorgonzola, biscuits
Freshly ground coffee

Cold cucumber soup

INGREDIENTS

2 English cucumbers (with unwaxed skins), washed and dried
4 green onions, washed, trimmed (leave some green tops), and sliced
Several sprigs fresh dill
2 cups yogurt
Milk
Freshly ground pepper

METHOD

☐ Cut unpeeled cucumbers in half lengthwise and run a spoon along the centers to remove the seeds. Cut into chunks. Add cucumber chunks, green onions, and dill sprigs to food processor fitted with steel blade. Process until finely chopped, then stir yogurt into cucumber mixture. Thin with milk to desired consistency, season, chill. Serve in chilled bowls. Serves 4.

Barbecued salmon

INGREDIENTS

1 large clove garlic, peeled
1 teaspoon Dijon mustard
3 tablespoons Japanese soy sauce (Kikkoman)
2 cups dry sherry
4 large fresh salmon steaks
Lemon wedges

METHOD

☐ Place garlic, mustard, and soy sauce in food processor with steel blade and process to a fine paste. Add ½ cup sherry, blend well, then pour into a large glass bowl, adding the rest of the sherry. Add the salmon steaks, turning them to make sure they are all coated with marinade. Marinate 1 hour, turning occasionally.

☐ Heat charcoal until white hot, about 45 minutes. Grill salmon steaks approximately 2 minutes on each side, depending on thickness. Serve on heated plates with lemon wedges. Serves 4.

Garlic green beans

INGREDIENTS

1 pound fresh green beans, washed and trimmed
4 tablespoons sweet butter
2 cloves garlic, chopped

METHOD

☐ Steam the beans over moderately high heat 2 minutes, until they are bright green and still crisp. Plunge into cold water and drain. Melt the butter slowly in a large skillet. Add the garlic and mix well. Add the beans and cook over medium-low heat about 1 minute, until warmed through. Serve on a warmed plate. Serves 4.

Watercress, endive, and mango salad with walnut dressing

INGREDIENTS

2 bunches fresh watercress, washed and dried
1 small endive, washed and sliced finely lengthwise
1 scallion, washed, trimmed, and sliced
Handful chopped walnuts
2 medium, ripe mangos, peeled and sliced
Walnut vinaigrette (recipe below)
Freshly ground pepper

METHOD

☐ Tear watercress into bite-sized pieces and put in large glass bowl, adding the endive, scallion, and the walnuts. Just before serving, add the mango and the dressing, tossing quickly to coat the salad. Serve on chilled plates with freshly ground pepper.

Walnut vinaigrette

INGREDIENTS

½ cup walnut oil
¼ teaspoon Dijon mustard
1 tablespoon red wine vinegar

METHOD

☐ Mix walnut oil with mustard. Add vinegar and whisk until smooth.

Jeanne's cake

Sacripantina

INGREDIENTS

1 8-inch sponge cake layer, homemade or storebought
6 egg yolks
6 teaspoons sugar
6 half-eggshell measures of Marsala
1 cup heavy cream
Maraschino or Cointreau liqueur
Almond or vegetable oil to coat mold

METHOD

☐ Cut sponge cake layer into 2 half-circles. Cut off the crusts and dry them in low oven to crush into crumbs. Standing cake halves on flat cut edge, use a serrated knife to carefully cut each half into ¼-inch-thick slices.

"In the past 15 years, I've had 7 sports cars, 14 sports car mechanics and one refrigerator. A Frigidaire."

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Place egg yolks in top of double boiler, ld sugar, and whisk until pale lemon col- ed. Add eggshell measures of Marsala id beat thoroughly. Place over simmering ater and stir constantly 5 minutes. Cook 1 ore minute if it's too thin, but do not let it ibble or boil. Remove from heat and chill ixture should not be too thick).

Whip cream and flavor with 1 table- oon liqueur. Chill. Crush cake crusts to umbs in food processor or blender. Oil 8-inch spring-form or other round mold id lay a circle of waxed paper on bottom. op in about 2 tablespoons crumbs and tate mold to coat sides (save excess umbs to patch up mold if necessary). se a palette knife to spread a layer of hipped cream around sides of mold rumbs will pull into it—no matter). Spread second waxed paper circle with whipped eam and drop into mold, cream side up.

Fit 2 of the sponge cake half circles into e mold. It may be easier to work with naller pieces, and patches won't show. oon in some custard and spread thinly; d another cake layer, sprinkle with a few ops of liqueur, then spread thickly (½ ch) with whipped cream. Add another lay- spread with custard alternating thin/ ck, custard/cream between the cake ers until the mold is filled. Set in the eezer overnight, then keep in refrigerator, molded. To unmold, run a knife around e edges, then sink mold in hot water until ible edge seems moist. Invert onto serv- plate, unmold, and sprinkle on more umbs if necessary. Refrigerate until ady to use. Remove from refrigerator hen dinner is served. Decorate with flow- s poked into the top like birthday can- es. Serves 8. ■

Wine & food cover

ntinued from page 181

ingered melon soup

GREDIENTS

cups ripe melon of your choice, chopped
½ teaspoons fresh ginger, minced
ice of 1 lemon
easpoon "Fruit Fresh"
½ cups frozen apple-juice concentrate, thawed
nt leaves for garnish
eshly shaved ginger for garnish

ETHOD

Place melon, minced ginger, lemon ce, Fruit Fresh, and apple juice concen- te in a blender or processor and blend roughly. Chill until serving time, then rnish with mint and shaved ginger if de- ed. Serves 6.

Addendum

he merchandise shown in color on ges 159–163 of the March 1980 issue available at Montana Mercantile in nta Monica. For information, write to ontana Mercantile, 1324 Montana e., Santa Monica, Calif. 90403.

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Ceramic Tile

continued from page 183

Chicken livers: Thread halved livers on skewers with mushrooms in between. Brush with melted butter, season with salt and pepper. Worcestershire is a good flavoring combined with butter. Grill close to coals about 5 minutes, total, turning and basting. Good as hors d'oeuvre and main course.

Italian sausage: Best pricked first and poached in water (or better, red wine) for 5 minutes to extract fat, then grill until crisp but still juicy.

To accompany hot hors d'oeuvre: Mash feta cheese with a fork, then combine with an equal amount of chopped cucumbers or radishes, or both, which have been pressed to extract water. Stir in a little olive oil to bind the mixture. Season with chopped dill, salt, and freshly ground pepper (or use mint, with cucumbers) and serve with Melba'd triangles of pita bread.

■ Savory dinner dishes

Piquant barbecued chicken: Make a marinade of ½ cup oil, ½ cup soy sauce, ¼ cup dry sherry, ¼ cup dry vermouth, 3 cloves garlic, and 3-4 slices ginger—purée in blender. Skin chicken pieces as the East Indians often do (makes it less fattening, too).

Marinate for several hours, then grill about 10 minutes per side (slightly less for breasts).

Another marinade for chicken: 2 onions, 2 cloves garlic, juice of 1½ lemons, ½ cup olive oil, thyme, salt, freshly ground pepper—purée. Marinades are enough for a 3½ pound chicken, plus a whole breast, split, or 2 more legs and thighs.

Swordfish steaks: Baste 1-inch-thick swordfish steaks with tarragon or anchovy butter. Grill the steaks for 8-10 minutes on each side.

Bluefish fillets: Put skin-side down on a hot oiled grill over glowing coals. Top the fillets with pats of butter (this can be herbed butter), salt, and pepper. By the time the butter has melted, the fish will be perfectly cooked. Sprinkle with chopped parsley.

Grilled marinated loin pork

INGREDIENTS

4 cloves garlic
1½-inch piece ginger root
4 tablespoons Japanese soy sauce
4 tablespoons amber or dark rum
Juice of ½ lime
½-1 fresh hot chili
5 tablespoons hoisin sauce (available in specialty shops and Oriental markets)
1 3-pound boned loin of pork, trimmed of most of the fat
Salt, pepper

METHOD

☐ Place garlic, ginger, soy sauce, rum, lime juice, chili, and 2 tablespoons hoisin into blender or food processor and whirl until smooth. Place pork on a large piece of heavy-duty foil or a double thickness of regular foil. Pour marinade over, turning pork to coat well.

☐ Wrap foil tightly around the pork loin and twist the foil to seal tightly. Let marinate at least 4 hours.

☐ Roast the pork, still wrapped in foil, in a preheated 350° oven about 1½-1¾ hours. Remove from oven, unwrap carefully, and pour all juices into a small saucepan. Brush pork all over with remaining 3 tablespoons hoisin sauce and place on a hot grill. Grill about 30 minutes, turning and basting with any leftover hoisin sauce, until meat thermometer registers 170°.

☐ Heat the reserved marinade juices and season to taste with salt and pepper.

☐ Remove the pork loin from grill, and let it stand briefly, then carve and serve with the juices. Serves 6-8.

■ Vegetables take on a new dimension

For a delicious, smoky flavor, grill them over coals. Blanch whole scraped carrots, small white turnips, white onions for 5 minutes. Combine 4 tablespoons soy sauce, 3 tablespoons brown sugar, a ½-inch piece gingeroot, minced, and a dash lemon or orange juice. Skewer vegetables, brush with mixture, and grill until just tender, about 10 minutes, basting and turning 2 or 3 times. Use the same mixture on baby eggplants—halve them and grill skin side down first, until almost soft, then baste and turn to finish cooking. With new potatoes, peel a band around the center, blanch 10-12 minutes, and use a piquant herbed vinaigrette for basting; do this also with halved, peeled boiling potatoes. Delicious, too, with any summer squash—zucchini, crookneck, pattypan (this one peeled). Corn, especially slightly older corn, is delicious grilled—simply baste with melted butter; or a green peppercorn butter is superb! For any vegetable, melted butter is as good as a more elaborate baste. Roast onions in their skins, buried in the coals (as potatoes often are) for about 1 hour for large ones. Or peel, season, wrap in foil with a pat of butter, bury in coals to roast.

Eggplant salad

INGREDIENTS

5-6 cloves garlic, cut into about 6 slivers each
1 teaspoon cinnamon, allspice, cloves, or ground cumin
Olive oil
4-6 medium eggplants, about 5 pounds total
1 large onion, chopped
1½ large ripe tomatoes, peeled, seeded, and chopped
1 tablespoon red wine vinegar
Salt, freshly ground pepper
Handful basil leaves, shredded
¼ cup pine nuts, lightly toasted

METHOD

☐ Combine garlic slivers, cinnamon, and 1 teaspoon olive oil. Pierce slits all over eggplants and insert a garlic sliver in each. Broil eggplants until soft, about 20-30 minutes, turning occasionally. Or place on a grill after cooking main course and leave until soft, turning occasionally. Put eggplants in a paper bag and twist top to seal. Let cool about 10 minutes, then peel, holding eggplants over a bowl and scraping out all the flesh.

☐ Cook onion in 3 tablespoons olive oil until soft and pale gold. Purée eggplant in food processor or mash well with a fork. Stir in onions and tomatoes, then season with vinegar and salt and pepper to taste. Place in serving bowl and garnish with basil and pine nuts. Serves 8.

■ Irresistible desserts from fresh summer fruits

Napoleons are easy to do with Pepperidge Farm's new frozen puff pastry. Cut the pastry crosswise in 2-inch-wide strips and bake as directed. Peel and slice peaches or nectarines, sprinkle with a little lemon juice, sugar, and rum or Cognac, and set aside—do this with blueberries, strawberries, and raspberries, too. Split pastry, spread with pastry cream (the recipe can be found in many cookbooks), top with pastry top, and spoon fruit over.

Clafouti: Prepare about 3 cups of any fruit as directed above (you can also use cherries, apples, or apricots). Make clafouti batter in blender or food processor: Whirl together 3 eggs, ⅔ cup flour, ¼ cup sugar, a pinch of salt, and 1¼ cups milk until very smooth. Flavor with 1 tablespoon rum, Cognac, or vanilla. Put the fruit in the bottom of a buttered baking dish and pour the batter over, sprinkle with about 6 tablespoons sugar, and bake in a preheated 350° oven 50-60 minutes, until it is puffed and browned. Sprinkle with confectioners sugar and serve warm.

In a pinch, purée a fresh fruit and flavor with sugar, lemon juice, and rum or brandy. Serve over vanilla ice cream. Grill fruit! Make use of the dying coals. Brush thick slices (rings) of peeled cored apples, or thick slices of pineapple or orange sections, whole bananas, or peach or nectarine halves with melted butter, then dip into brown or white sugar and grill carefully until just slightly colored. Or, instead of sugar, brush with honey.

And, of course, there is the greatest dessert of all our summer childhoods—S'mores!—graham cracker/chocolate/marshmallow sandwiches. Absolute end-of-the-fire bliss! ■

Correction

Because the incorrect continuation page number was given for Pakistan kebabs in the May 1980 issue, we are reprinting the recipe in its entirety below.

■ Pakistan kebabs

INGREDIENTS

1½ pounds lean ground beef
1 rounded teaspoon parsley, chopped
1 large onion
2 cloves garlic, mashed
½ teaspoon powdered ginger
½ teaspoon turmeric
½ teaspoon coriander seed
½ teaspoon dried red pepper flakes
Salt to taste
3 tablespoons yogurt, more or less

METHOD

☐ Place the beef and parsley in a bowl. Grate the onion into the bowl, using the finest grater possible. Add remaining ingredients, using just enough yogurt to bind the mixture. Blend throughly and form into sausagelike pieces. Shape and press onto skewers. Grill over charcoal or place under a broiler, turning once, until meat is crusty brown on both sides and done to your taste, about 5 minutes. Serves 4 as a main course, 8 as an appetizer.

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When you think about it, this statement makes a lot of sense.

No matter where, when, or under what circumstances death may occur, there are needs that must be met — for the bereaved family; their friends; their close circle in the community.

The funeral helps meet those needs. It helps those who grieve accept the reality of death. They know it happened. But a part of their mind rejects it, runs away from it.

The funeral takes them gently by the shoulders and turns them to face it. And having faced it, having viewed it, things are easier.

Things continue to be easier (though it may not seem so at the time) as arrangements have them talking with sympathetic friends, reflecting upon moments shared, giving testimony to the life that was lived on earth.

Another thing the funeral does — whether the choice is made for a traditional, a contemporary or a humanist service — is to reaffirm the faith, the creed, or philosophy by which one's life was guided.

As the poet John Donne said: "No man is an island . . . . " His death touches his world. A funeral considers the feelings of all those who shared his life. It is a moment when grief shared is grief diminished.

It is truly a unique moment of sharing . . . for the family . . . for friends . . . for society.

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the Kitchen

Get ready, pack up—Go! to the country, beach, backyard

Get out of the kitchen and into the great outdoors. These companions will get you there faster, and in great shape. They're space savers, chore reducers, and they'll put your outdoor life in order. Ingrid's plastic **Party Ball** (1) with snap-on handle is light enough for a child to carry. It comes in festive colors, opens to reveal two nine-inch mixing bowls, one serving tray—plus dinner and salad plates, soup bowls, and glasses for six. This two-tone **bamboo reed wine caddy** (2) will get you there in fine form if brown bagging isn't your style. It holds one bottle and comes in sets of two. For a six-pack of cans take along this vinyl-insulated **Snap-Pak** (3) from Nappe/Babcock. Or for 12 cans, take the larger size. It snaps shut when in use, and then folds flat when you are through. For sturdier fare—a 10-pound ham, a quart of potato salad, a half gallon of sliced fruits—bring Hammarplast's plastic **food lockers** (4) with clip-on lids. Once you get there cut minutes from grilling time by using General Housewares lightweight **Vertical Grill** (5) with battery-operated rotisserie—it heats coals in half the time, eliminates flare-ups, and bastes the foods in their own juices. For more compact traveling, pile your food and accessories in this sturdy natural **canvas bag** (6) with side pocket for napkins and paper plates. And it is deep enough for any extra outdoor trappings. From Tisbury Traders. Hot or cold, your drink stays the way you want in this new 1-liter vacuum **Thermos** (7). A three-quarter turn lets fluid flow through top valve, controls pouring. No charcoal is needed for this portable **pan grill/smoker** (8) from Arabia that fits directly over a Sterno or gas flame. Removable lid handle. See Shopping Information.

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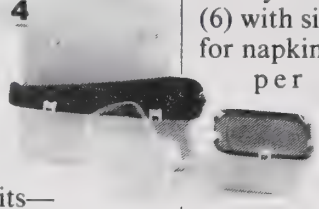
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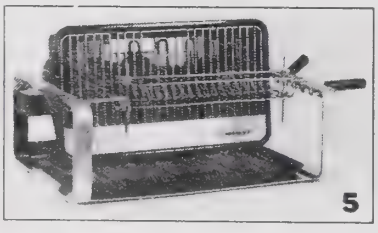
One for the road

Set a table anywhere with this three-in-one-piece place setting of 18/8 stainless steel, from J. A. Henckels. Fork and spoon fit neatly into ridged knife handle.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Take a seat

Ringside seats for everyone when you bring your own! This portable folding unit packs away in camper, station wagon, or hangs on a garage wall when it's not unfolded as a bench or put with its mate to make a picnic table for six. Whether at the beach, streamside, backyard or city balcony, it's perfect for resting or dining. By Unarco.

8

TIPS

Organizing your life outdoors

● Freeze fruit drinks i cans, or soups in large containers, to use as ic packs when short on spac in an ice chest.

● For no-dish foods Marilyn Schafer roast vegetables in their nat ural skins right on th grill. Peel and eat. Ba nanas are good, too.

● Lonnie Kuhn likes t use a sprig of fres thyme and rosemary t baste meats, then tosse it on the fire for adde flavor. She also keep wilted lettuce nearby t douse flare-ups.

● Cold potato salad goe to the beach in Janee Sarlin's ice bucket sliced oranges, lemon are pieced together frozen, and used as ic cubes for wine, col drinks.

● Donald MacDon ald stores back packing equipmen on one wall o shelves, each con tainer surrounded by it supplies. Family member are assigned specifi sections to check in ar out and refill all th supplies after eac trip.

● Stock top compart ments of a tool ches with dry staples--salt pepper, herbs in plasti pouches--condiments i tubes--put spreaders basters, corkscrew i compartment below.

● Wyn Ng of Taylor & N fills a huge terra-cot ta jar with ice and lay ers it with bottles c wine, champagne, or o ange juice for an outdoo bar. Keeps the beverag cold for hours.

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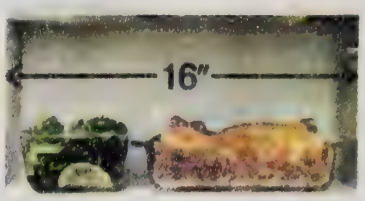

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We bring good things to life.

GENERAL ELECTRIC

continued from page 165

Furthermore, antiques can be a delight to live with. As decorator Mario Buatta (chairman of New York's Winter Antiques Show) puts it, "People are realizing that you can buy something wonderful, use it for a few years, and then resell it. Perhaps you'll make a nice profit, but almost certainly you'll get your initial investment back." It's that ability to use and enjoy antiques that appeals to so many people today. It adds a new dimension of pleasure to investment. How much more fun to live with Chippendale chests, Georgian silver, and Sandwich glass than to deal with safe-deposit boxes, dusty certificates, clipping coupons, and daily stock quotations.

If antiques are like music, then the Winter Antiques Show, held in New York every January, is like an orchestra. With almost 75 exhibitors, it is the largest and most prestigious antiques show in America, and is looked to—like auction results—as a barometer of general market trends. This year's record-breaking attendance was echoed in the brisk rate of sales. "People were buying like never before," says Ed Clerk, a dealer in Shaker antiques from Bethlehem, Connecticut, whose booth at the show was virtually sold out, restocked, and then almost sold out again. "People were in a definite mood to spend," according to Leland LaGanke, a dealer in antique porcelain from New York City. "But there's not a frantic flight from money. People are spending confidently, and there's a general easiness—though by no means an ease—about the market."

And the antiques rush isn't limited to America alone. Dealers and auction houses report substantial sales to European collectors, too, with great interest also shown by investors from South America and Japan. One result of this buying flurry worries some observers. As Leland LaGanke predicts, "Within five years, America will have lost almost all of its fine antique pottery and porcelain to Europe. About 80 percent of my business is to European dealers. Because of the rise in the price of precious metals we're losing a lot of our fine silver to the smelters. The best English furniture, which is terrifically popular in Europe, is being snapped up and shipped abroad. Pretty soon all we're going to be left with here will be second-rate English furniture and American antiques that no one else in the world wants."

"American antiques *are* almost exclusively an American market," concurs Nancy Druckman, curator of Americana at Sotheby Parke Bernet in New York. "American furniture is still relatively underpriced," she continues, "but even so, prices have been going only one way: up." Many experts agree that American antiques are a particularly good buy. Unlike Oriental porcelains, Art Nouveau glass, and precious jewelry—all avidly sought after by foreign collectors, and among the most dramatically escalating auction items—the absence of competition for American antiques from abroad has kept most prices of Americana within the range of the average collector. Also, the plentiful supply of American antiques here makes it possible for collectors to see a great range of examples and to develop an "eye" for desirable investments. And lastly, rarity, which often forces up the prices of antiques aside from their inherent beauty or quality, is less of a factor in American antiques than in many other areas in the market.

Successful collecting is partly based on instinct—without it you'll be merely assembling

But just how good an investment *are* American antiques? A study of auction trends over the past few years made by Ann K. Lowndes of the *Ohio Antique Review* (reported in *Art & Auction* magazine) reveals "instances of money lost, but gains dominated. An early-nineteenth-century painted blanket chest, which sold in 1976 for $3000 now fetches $5000. During the same period, a late-eighteenth-century birch clock went from $1900 to $3100 . . ." and so on. Of course, there are no generalizations possible in a diverse field that covers furniture and silver, as well as glassware and quilts, folk art and pottery.

For example, what's happened to American silver lately is the result of circumstances peculiar to it alone. "People may not believe this," confides Jonathan Trace, a dealer from Peekskill, New York, "I've wanted to keep prices down, but have had to raise them, not in order to make a profit, but to bring things above their melt-down value. For the most part, fine 18th- and early-19th-century American silver is safe because of its craftsmanship and rarity. But a great deal of later silver is doomed." He also notices changing patterns in buying. "There are more instances of syndicate arrangements—small groups of friends or business associates teaming up to buy fine pieces for investment purposes."

Needless to say, Trace and the other silver dealers at the Winter Antiques Show reported heavy sales. And given the daily leaps and bounds in the price of silver, early birds at the show were able to score some very good buys. For instance, a set of Georgian sterling silver flatware for 12 (six-piece place settings, complete except for knives) went for $6,800 within minutes of the show's opening, at the booth of Malcolm Stearns Jr., proprietor of Hobart House in Hadlam, Connecticut. Though hardly an impulse purchase, the silver seemed a bargain when compared with newly manufactured sterling flatware, which now often commands over $1,000 per five-piece place settings. "I never had to display soup ladles in the showcases before," reported Stearns, "but by the end of the show I had nothing else left."

For those interested in collecting antiques—either American or otherwise—there are six basic rules to follow: guidelines which will not guarantee successful investments, but which will give you better likelihood of achieving that goal.

Our advice:

1. Specialize. Decide early on what you want to collect and stick to that area. Few amateurs can hope to gain the kind of expertise in several fields necessary to become a knowledgeable collector. By narrowing your sights—whether to Currier & Ives prints, Export porcelain, or duck decoys—you stand a better chance of building a solid, saleable collection. This doesn't mean that you have to live with one group of things and one group only. Buy other kinds of antiques too, if they give you pleasure, but always keep in mind what your major investment speciality is.

2. Collect what you love. All great collections have been ruled by passion and not just by reason. If spongeware seems to you to be a good buy now, but really doesn't grab you deep down, look for something else to collect. Successful collecting is partly based on instinct. Your feelings can be generated by any number of factors: You might like Rogers groups because your grandmother collected them, or you might be excited by the bold colors and striking patterns of Amish quilts. Whatever it might be, look for that emotional reaction as a guide to buying. Without it you'll be merely assembling, not collecting.

3. Become knowledgeable. Once you've staked out your area of collecting, try to become an expert in your field. This can be accomplished in two basic ways: by reading and by seeing. Make use of local reference resources—libraries, historical societies, second-hand book shops—to familiarize yourself with what's been written about your area of specialization. Who are the authorities? Whose word goes about what's good or bad, real or fake, desirable or undesirable? Usually, there's at least one "bible"—understandable to the layman—for every kind of antique or art object. These same sources are studied by those who set the prices, make the estimates, and give the appraisals, so you do well to avail yourself of the information they use. If you're in doubt as to how you can find out about the literature on your area of major interest, ar

nowledgeable dealer or librarian will be ad to point you in the right direction. s for seeing: Haunt museums, travel to e major exhibitions, visit shops, scrutize friend's objects. Train your eye as ell as your mind.

4. Keep up with prices, even when ou're not buying. Auctions are the most liable continuing source of current arket directions (dealers' prices often nd to include other variables particular the retail trade—overhead, volume of siness, need for turnover of inven-ry). Auction prices give a better pic-re of collecting trends, the changing lance of supply and demand, and oth-factors of importance to the long-term llector. However, auction prices in emselves are not enough. One must be le to know how to interpret them eaningfully. Was that bargain-priced eraton breakfront really a steal, or did fetch a low price because some experts lt that it might not be "right?" Was it ld again too soon after it was bought auction only a year earlier, giving any of the same potential buyers a sec-nd look that made it seem less appeal-g than they remembered it to be? any factors unknown to those not at-nding auctions can have an important fect on the sales figures. Prices are of terest, but they must be interpreted in der to be of any real value to collec-rs. If you can't be at an auction in your eld, send for the catalogue anyway, udy it, and try to find a critique of the le afterward. Antiques columns in wspapers around the country often rry post-sale reports, and such publi-tions as *Art & Auction* and any num-r of special-interest antiques maga-nes and newsletters carry valuable in-rpretive pieces on market movements.

5. Learn what you're paying for. hat affects prices in antiques? Is its age ore important that its being a signed ece? In some areas it might be, in oth-s not. For example, Ed Clerk has no-ed that many new collectors of Shaker rniture prefer the later, more common oduction pieces just because they are gned. It's a guarantee of sorts. Much ner, earlier Shaker pieces were un-gned, a factor that would be less likely deter a more experienced, confident llector. A mediocre piece of Empire rniture, on the other hand, might fetch veral hundred dollars extra because it ars its original maker's label. Is condi-n important? In most cases yes, but t always. Rarity often triumphs above l other factors, making a damaged or paired piece by an obscure maker uch more expensive than a pristine ece by a prolific craftsman. The subtle rn of a leg, the presence of a rare pat-rn, the unmistakable glow of an origi-l finish can all affect both appreciation d price. Conoisseurship is the name of e game here: being able to determine hat creates value and then being able identify it for yourself.

6. Buy the best you can afford, and constantly try to upgrade. You have $1,000 you want to spend on antique American silver, and you have your eye on a Georgian-style teapot, dated 1876. But when you ask your dealer for his opinion of it as an investment, he shows you instead a tiny, though exquisite, nutmeg grater about a hundred years older for exactly the same price. Would it be a wiser purchase? Probably. For what dealers around the country are reporting (and what auction results are supporting) is that the better the quality, the better the investment—regardless of the field involved. "The very finest things are selling the best," reports Shaker dealer Ed Clerk, an observation echoed everywhere. Sandra Kasper of Bedford Green Antiques in Bedford Village, New York, told *The New York Times*, "We bought less for the [Winter Antiques] show but invested more in those pieces and sold the best things first. Today anything second rate you sit with. But the best is easy to sell." It might make sense for you to auction off three good stoneware jugs and use the proceeds to buy one superb example. Don't be afraid of manipulating what you've got: After all, it's an investment. Every market fluctuates, and you should be prepared to act decisively when the time is right.

Every market has its ups and downs, so you should be ready to act when the time is right

One final word of caution: Don't become so attached to your collection that you can't bear to part with a piece when there's a good reason to—in order to upgrade, or liquidate to gain capital. Also, don't lose sight of the fact that every investment, no matter how seemingly good, still remains a gamble. Required reading for all potential art or antiques investors ought to be Gerald Reitlinger's landmark three-volume study, *The Economics of Taste.* Looking at 200 years of art and antiques collecting, Reitlinger charts the ups and downs (and there were some major surprises) in the international art and antiques market. There are cautionary—and inspirational—tales galore for you in these books.

But the major lesson to be learned is that in art, as in any other investment, there are no immutable absolutes. Change is an inherent part of the process. But the objects in question, in a curious way, have an immortality that eludes even their most fervent collectors. They survive; we ultimately do not. And that, perhaps more than anything else, might account for the elusive, glamorous aura of what many are finding to be the most pleasurable investments of all. ■

A title on the door...rates a **Bigelow** on the floor.

Whether it's a title on the door, or taking title on a house, be sure it's a Bigelow Carpet on your floor. For Residential Carpet information: send for our "Great Beginnings" Booklet. For Contract Carpet information: send for our "Proven Performers" Booklet Bigelow-Sanford, Inc., Dept. HG-6 P.O. Box 3089, Greenville, SC 29602.

A SPERRY AND HUTCHINSON C

PRICES APPROXIMATE. State and local taxes additional. Asterisks (*) indicate firms that sell *only* to interior designers, department-store decorating services, or architects.

Most romantic things

Pages 134–135:

Cut crystal oil lamp: 14" high, about $370. By Waterford.

Pages 136–137:

All fabrics are cotton, about 54–55" wide and about $7 yd. From the Lady Waymouth Collection, by Bloomcraft. **"Ferns" tablecloth:** 23¼" repeat. Shown in "pink." **"Maiden Hair" overcloth on table:** 6½" repeat. Shown in "pink". **"Flying Colors" fabric used for custom seat cover:** 54–55" wide, 25" repeat. Shown in "sprout." **"Firefly" fabric used for trim on seat:** Shown in "sprout." **"Superfly" fabric on outside of custom umbrella:** Repeat 24¾". Shown in "sprout." **"Dragonfly" fabric on inside of umbrella:** 12½" repeat. Shown in "sprout." **"Honesty" fabric on outside of napkins:** 8⅜" repeat. Shown in "sprout." **"Firefly" fabric on inside of napkins:** Shown in "sprout." "Maiden Hair," "Firefly," "Dragonfly," and "Honesty" fabrics are available at Bloomingdale's, NYC 10022. **"One-of-a-kind wicker "confidente" (love seat):** Circa 1890; about $680. At Jean Paul Beaujard, NYC 10021. **Ceralene "Mon Jardin" dessert plate:** Limoges, French 18th-c. design pattern. About $25. At Tiffany & Co.

Windows on romance

Pages 138–139:

Handmade bird cage: of wood, metal, and glass windows. Not an antique. About $1,250. From Souleiado at Pierre Deux, NYC 10014. **Traditional adjustable café rods:** Dura-Brass finish with brass lacquer coating that will not tarnish. Comes in 3 diameters and 4 adjustable lengths. About $5 per rod. By Kirsch. **Curtains** are sewn from 54-inch widths cut from **"English Rose" Dacron and cotton sheets:** no-iron percale. From about $8 the twin size. By Martex, WestPoint Pepperell. **"Summer Garden" acrylic coated wallpaper:** 20" wide, about $12 per roll. From the Sanderson Chintz Collection by Arthur Sanderson & Sons, Buffalo NY 14240.

Pages 140–141:

"Coral Sand" Wallhide flat latex paint: About $14 per gallon. By Pittsburgh Paints. **Wallpaper border:** 6½" wide. Companion to "Rosalind" paper. About $2.25 yd. By Arthur Sanderson & Sons, Buffalo NY 14240. **"Bagatelle" viscose and cotton fabric on chair:** 51" wide, 6¼" repeat. Shown in "Laurier" color. About $49.50 yd. By Manuel Canovas* NYC 10022. **"Lady Alice" white polyester lace curtains:** 60" wide. About $10 yd. By Waverly Fabrics. Portuguese handmade fine-stitch needlepoint rug: 5' x 7'. About $1,855. From Stark Carpet*, NYC 10022. **One-of-a-kind antique curtain pulls:** About $45 per pair. At The Flower Garden, NYC 10021. **"Crystal Orchid" Wallhide flat latex paint:** About $14 per gallon. By Pittsburgh Paints. **Rosalind" cotton chintz curtain fabric:** 48" wide. About $26 yd. At Liberty of London, NYC 10022. **"Contera Tergal" polyester sheer panels** (under valence): 118" wide, 84" long. Shown in "champagne." About $47 per panel. By Bloomcraft. At Woodward & Lothrop, Washington DC 20013; Hutzler's, Baltimore MD 21201.

Pages 142–143:

"Starflower" flat latex paint: About $14 per gallon. By Pittsburgh Paints. **Curtains** sewn from "Manville" cotton fabric: 50" wide, about $21 yd. **Curtain ties** sewn from "Les Gros Souci" cotton border design: 5–6" wide, about $4.50 yd. Both by Souleiado at La Provence de Pierre Deux. Stores across the country. For branch nearest you, write Pierre Deux, 353 Bleecker St. NYC 10014. **Fabric hanging from under valence:** "Spring Zephyr" Fortrel and cotton, 48" wide, about $9 yd. By Waverly Fabrics. **Handcrafted wool needlepoint rug:** 6½' x 6½'. Custom designed, about $3,600. From the Terry Design collection by Teruko Morino. From Jack Soskin Associates*, NYC 10022. **Pastel multistripe rug:** Handloomed in Haiti, 54½ x 88½". About $435. At the Gazebo, NYC 10021.

Page 143:

"Fraises de Bois" cotton fabric: 48" wide. About $9 yd. **Matching "Fraises de Bois" wallpaper:** about $14 per 21" x 11 yd. roll. Both shown, at Laura Ashley, NYC 10021 or, with extra shipping charge of $.50 per yd of fabric, $1 per roll of wallpaper, from Laura Ashley Mail Order: Building 296, Radar St., Port Newark NJ 07114. **Bentwood rocker:** With cane seat and back, in walnut or natural finish. About $135. At Great North Woods, NYC 10016. **"Kelley Green" floor enamel:** About $14 per gallon. By Benjamin Moore.

New look at tradition

Pages 144–147:

"Old Rose" glazed cotton: 50" wide. Shown in dusty rose and cream. Imported from England by Clarence House*, NYC 10022. **"Natural Rope" rug:** Ivory color. From Stark Carpet*, NYC 10022. **On chairs and sofa:** "Dabo" textured twill, 54" wide. About $43.50 yd. From Brunschwig & Fils*, NYC 10021. **"Saint Thomas" overscaled sofa:** an 80-year-old classic design, custom made and upholstered. Reupholstering of 19th-c. wood-framed chairs. Both from Guido de Angelis*, NYC 10021. **Application of fabric to wall:** Trimmed with gimp. By Anton Sattler, Master Painter, NYC 10028. **Floor:** Scraped, bleached, filled, sealed, waxed, and polished. By William J. Erbe, NYC 10021. **Phoenix palm tree and flowers:** From Madderlake, NYC 10021.

Prints for pleasure

Pages 148–151:

All fabrics are cottons from the "Les Arcades" collection at Brunschwig & Fils*, NYC 10022. **"Sirenes Border" across top of bedroom wall:** 10½" wide, repeat 4½". About $19.50 yd. **"Medaillons Border" on pillow, chaise in bedroom, and chairs around dining room table:** 20½" wide, 9" repeat. About $22.50 yd. **"Column Border Print" around bed, bedroom curtains, chair in bedroom, and on walls in dining room:** 50" wide, repea 12½". About $54 yd. **"Indopersian Panel" o headboard of bed, on sofa in living room, an in upper right hand corner of H623:** 50" wide 90" repeat, 5" top and bottom selvages About $180 per panel. **"Les Arcades Print" border around top of bed, bolsters on top o bed:** 50" wide, 12" repeat. About $54 yd **"Bouquet Border" fabric:** 17" wide, 12" re peat. About $22.50 yd.

Daring designs

Pages 170–173:

"Staring" triangular drawer unit: 63 x 31 37". Eight drawers, four each side; deep re "Mirtillo" stain with transparent lacque overlay on bird's-eye maple. Available in var ious woods and finishes. Designed by Gio vanni Offredi. From Campaniello Imports* NYC 10022. **Columnar chest of drawers** 20d. x 60h; white lacquered fluted wooc glass-bottomed drawers pop open in differen directions around the column. On squar plinth base. About $3,400. By Robert an Trix Haussman for Studio Alchymia. At Ar et Industrie, NYC 10012. **"Onda" molde glass bench:** 21 x 15 x 14" black wood run ners on base. Available with or withou scored designs. About $635. By Vittorio Liv for Fiam. From The Pace Collection*, NY 10021. **"Pecorella" sofa:** Natural canvas slip cover quilted in a "rain-like" pattern. Pal wooden peg feet. By Enzo Mari for Driade Milan, Italy. **"Bath" folding bookshelf:** Tan ganyika walnut with clear matte finish. 28¾ 17 x 51½", by Vico Magistretti, for th Broomstick Collection. **"Ri-Unione" fold-u sectional units:** Corner and armless unit have pale natural wood folding frames; re movable seats, backs, and cushions are cov ered in natural canvas with tiny print. B Paolo Pellion for Art & Form. Special orde at Lord & Taylor, NYC 10018. **"Igloo" min bar refrigerator/freezer/storage unit on cas ers:** 21¼" cube. Finished on all 4 sides. To lifts back for access to refrigerator/freeze section; side opens for nonrefrigerated sto age. Shown in beechwood veneer, by Arred menti Cattaneo. Available only in black white, or brown ABS plastic, about $70 from ICF*, NYC 10022.

Pages 172–173:

"Incrocio" cocktail table: Smoked mirro cross base and square glass top; on conceale casters. By Giuseppe Raimondi for Crist Art, Turin, Italy. **Stools in 4 differen heights:** 23"–35" high. Shown with option cotton seat covers. By Anna Castelli Ferrie for Kartell. About $150–$200 each. Availabl from Beylerian*, NYC 10021, in these thre frame/seat color combinations: red/black white/black, or white/white. **Folding arr chair:** Lightweight ABS plastic frame, iro cross supports; 21½ x 19¾ x 28¾" wit cream-color cotton seats and backs on red o yellow frames or with natural linen covers o brown frames. By Masayuki Matsukase an Centrokappa for Kartell. About $275 fro Beylerian*, NYC 10021. **"La Loggia" rectan gular table:** Walnut with green leather top 8 x 39½ x 29". By Mario Bellini for Cassin About $3,380 from Atelier International*

Continued on page 21

SUMMER OUTDOORS

ENTERTAINING FOR THE FUN OF IT

is what summer outdoors is all about. The food, the furnishings, the spirited refreshment that are so much a part of the season's ambiance are what help to make summer celebrations special. For just as our own carefree approach to outdoor living heightens our enjoyment of all summer activities, so does the casual patio environment invite warm weather hospitality.

Comfortable seating, a table laden with delicious food and quenching drink, a portable cooker brought outside for convenience—all contribute to the leisurely feeling that is the hallmark of fresh air dining.

Whether your patio is part of a country landscape or a city skyline, this is the year to make your outdoor entertaining memorable by planning the kind of happy get-togethers that are easy to prepare and fun to host.

This year, for the sheer joy of it, make summer outdoors the most celebrated season of the year!

SUMMER OUTDOORS

Advertisement

SUMMER WHITES, THE LIGHT REFRESHERS

Keeping cool is summer's first priority. A dip in the pool or a splash in the ocean helps considerably, but for most of us the best way to beat the heat is to dress simply, eat lightly, and refresh frequently with tall, fresh-tasting summer drinks.

Choosing the most satisfying summer drinks is a lot like selecting the coolest summer wardrobe. The appeal of white is very strong. That's why, at summer parties, it's not surprising that the most popular drinks are those made with "white" spirits. Satiny smooth and spectacularly amenable to the addition of fresh fruits and juices as well as the more traditional mixers, "white" spirits bring their own special zest to summer beverages, and to your outdoor summer parties.

Seagram's Extra Dry Gin is one of the quality "white" spirits brands that will help you make the best drinks possible this summer. As you can see by the recipes included here, it takes only a healthy pour of Seagram's Extra Dry Gin over your favorite fruit or juice to create a sensational summer cooler—or even a spirited summer salad! Just remember, on party day, to store your Seagram's Extra Dry Gin in the refrigerator. It will keep drinks crackling cold for your summer party guests all evening long.

SEAGRAM'S EXTRA DRY GIN & TONIC

1½ oz. Seagram's Extra Dry Gin
Quinine Water

Pour Seagram's Gin over ice cubes in a tall highball glass. Add a slice of lemon or lime. Fill glass with chilled quinine water and stir.

SEAGRAM'S EXTRA DRY GIN SCREWDRIVER

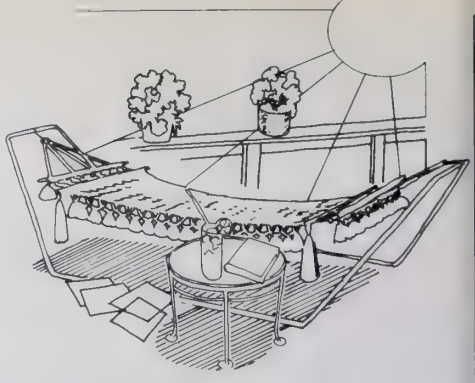
1½ oz. Seagram's Extra Dry Gin
Orange Juice

Pour Seagram's Gin over ice cubes in a tall glass. Fill with orange juice.

SEAGRAM'S EXTRA DRY GIN 5 O'CLOCK SALAD

¼ cup olive oil
2 tablespoons Seagram's Gin
Dash Tabasco
1 clove garlic, mashed
Pinch dry mustard
Salt and pepper (coarsely ground) to taste
Salad Greens

Mix ingredients thoroughly and let sit, stirring occasionally until serving time. Then pour over greens, toss and serve. Add extra gin to taste but be careful not to overpower the salad's flavor.



MAKE YOURSELF COMFORTABLE

The summer guest who hears these words can take them right to heart. For at no other time of year is the phrase so truly meant. Summertime comfort means gentle breezes, feet-up furniture, sunshine, a swaying hammock, the companionship of good friends—all enjoyed in the one place that puts people completely at ease. The Summer Patio.

As a favorite gathering place for family socials—the patio, porch, or terrace has always been furnished with comfort in mind. Only recently, however, has outdoor furniture achieved the quality status it deserves.

Today, craftsmanship and technology combine to bring an elegant new look to casual furnishings—a look enhanced by sturdy construction techniques and weather resistant materials, so important to furniture selected for outdoor use.

Wrought iron is considered by many as a practical solution to outdoor needs. Besides being durable, it is also versatile—mixing well with other types of furniture. And its characteristic "open work" adds a decorative dimension to almost any setting. Highlighting both the permanence and the beauty of wrought iron, Lee L. Woodard Sons, Inc., offers designs that range from romantic to contemporary in a variety of groupings that include chairs, tables, sofas, ottomans and accessory pieces. A style leader in handcrafted wrought iron furniture for three generations, Woodard complements its line with a complete collection of fabrics and coverings, and lets you choose from a rainbow of 25 beautiful finishing colors.

If maximum flexibility in outdoor furnishings is a priority, look for lightweight materials and wash-and-wear fabrics—like those offered by The Lifestyle Macramé Furniture from Creations by Jo Anne, Incorporated.

GIVE YOUR DRINKS OUR GOOD NAME.

The smooth and refreshing taste of Seagram's Gin
makes the best drinks possible. Enjoy our quality in moderation.

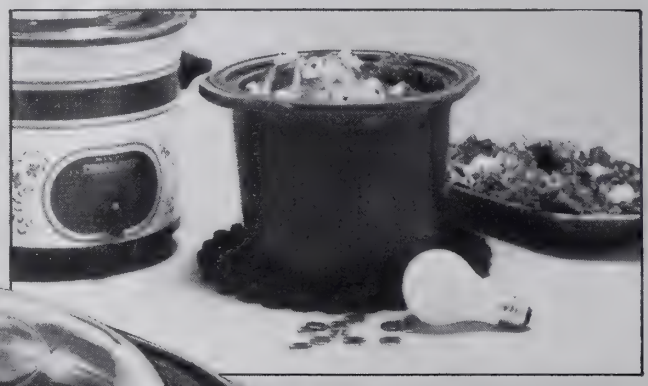
Seagram's

SEAGRAM DISTILLERS COMPANY, N.Y.C. 80 PROOF. DISTILLED DRY GIN.

Unrivaled.

There's no cooker like our slow cooker.

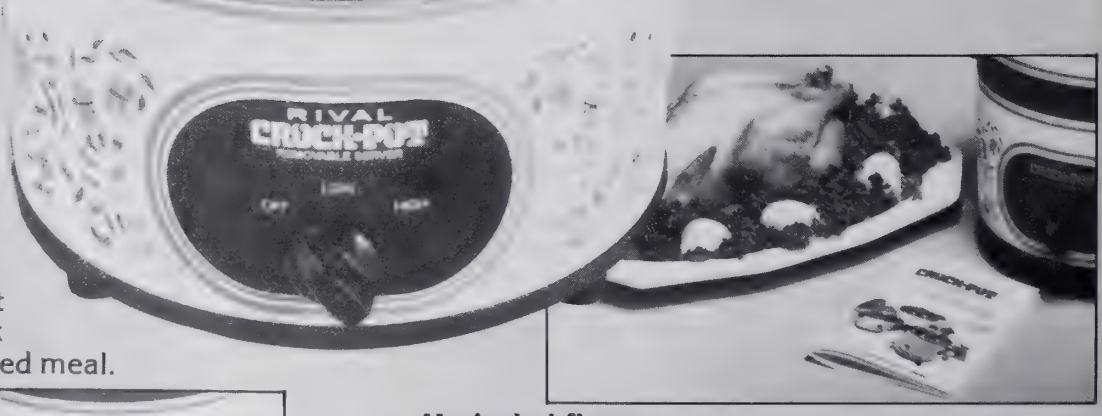
Unrivaled time-saver.
The Rival Crock-Pot® slow cooker has dinner ready for you when you come home. It's so easy. Just fix your meal in the morning. The Crock-Pot cooks all day while the cook's away. For up to 12 hours without tending or timing.



Unrivaled work and energy saver.
Lift-out stoneware bowls let you fix-ahead, cook the next day, and serve from the same bowl. Then, pop it in your sink or dishwasher.

The Crock-Pot cooks all day for pennies. It uses no more electricity than a light bulb.

Unrivaled money-saver.
Start with economical cuts like chuck or flank steak, short ribs or chicken. Low, slow cooking turns them fork-tender and delectable. And into gourmet meals like Beef Stroganoff, Sweet 'n Sour Ribs, and Chicken in Wine. So you don't have to rush or spend money for fast food when you'd rather relax and enjoy a good home-cooked meal.



Unrivaled flavor.
Unhurried, even cooking does wonderful things for meat and vegetables. You'll cook tender roasts, hams, casseroles, delicious soups and stews, even desserts. And there's a free 84-page cookbook with every Crock-Pot, filled with unrivaled slow cooking recipes.

There's no cooker like a slow cooker, and no slow cooker like the Rival Crock-Pot. Now in new designs and colors, and sizes from one to eight quarts.

RIVAL CROCK-POT®
STONEWARE SLOW COOKER

RIVAL makes things better for you.

Look closely and you'll see the worth of Woodard in this new Aerie collection.

For a close-up look at all our collections, get our 84 page color catalogue. Send $3.00 to Lee L. Woodard Sons, Inc., 324 Elm St., Owosso, MI 48867

The hammocks and chairs of this line feature frames of the highest quality sturdy steel tubing; the exclusive macramé design is handcrafted of 100% polypropylene flat braided cord that is washable, flexible, soft and non-itchy.

However you decide to furnish your patio, remember that an open-to-the-air outdoor room is a solid investment in relaxed summer living. An investment that gives you the privilege of privacy plus unlimited opportunities for creative entertaining—right in your own backyard.

SOME LIKE IT HOT

The hotter the weather, the more reason to eat outdoors. And the more reason to make cooking and eating as convenient and pleasureable as possible.

In summer, simple meals are the best meals. Even for company, your culinary efforts can be kept to a minimum and still draw raves from satisfied guests. One great way to get a hot meal on the patio table with the least amount of effort is to take an electric slow cooker, fill it with the makings of your favorite chili or savory chicken dish, and let it simmer away while you spend a day at the beach. The contemporary cooker operates on the same principle as its earthenware ancestor; slow cooking over a long period of time at a controlled temperature—to produce flavorful fare for hearty appetites. The portability of today's electric cookers makes them particularly appropriate for the kind of movable feasts that are served in summer.

The original slow cooker is the Crock-Pot® slow cooker from Rival. The Crock-Pot® brand features a wrap-around heating element and an all-stoneware cooking bowl that eliminates sticking and stirring, and assures the best flavor and nutrition from slow-cooked foods. Rival Crock-Pot® slow cookers are available in sizes that range from 1 quart to 8 quarts, and can be used to make bread, cakes, and sauces as well as main dishes. For warm weather convenience and economy—slow cookers tenderize economy cuts of meat beautifully—plus the no-watch advantage that these appliances bring to summer mealtimes, consider the Crock-Pot® slow cooker as an alternative barbecue.

RIVAL FAVORITE CHILI

½ pound dry pinto or kidney beans, or
2 (16 oz.) cans red kidney beans, drained
2 (14½ oz.) cans tomatoes
2 pounds coarsely ground chuck, browned and drained
2 medium onions, chopped
1 green pepper, chopped
2 cloves garlic, crushed
2 or 3 tablespoons chili powder
1 teaspoon pepper
1 teaspoon cumin
Salt to taste

Simmer dry beans in 3 times their volume o unsalted water for 30 minutes in a saucepan Allow to stand covered for 1½ hours or unti completely softened. Drain well. Put all ingre dients in Crock-Pot® slow cooker in orde listed. Stir, cover and cook 10–12 hours or low, or 5–6 hours on high. Serves 6 to 8.

CHICKEN PARISIENNE

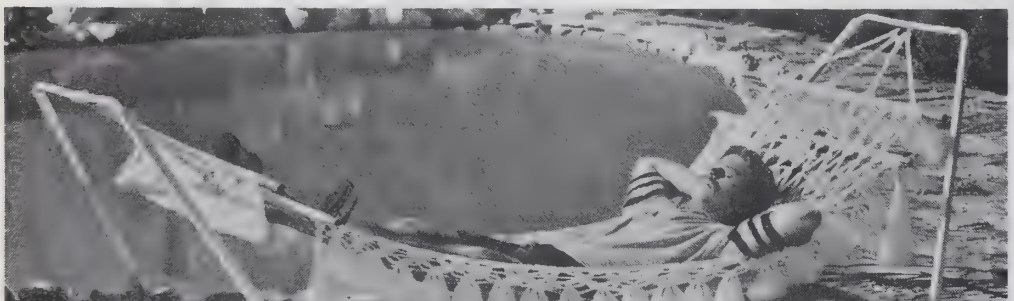
3 whole chicken breasts, halved Salt and Pepper
¼ cup dry white wine or chicken broth
1 (10¾ oz.) can condensed cream of mushroom soup
1 (4 oz.) can sliced mushrooms, drained
1 cup sour cream mixed with ¼ cup flour

Place chicken pieces in Crock-Pot® slow cooker. Season with salt and pepper. Mi wine and soup; pour over chicken. Add mushrooms. Cover and cook 7–9 hours or low. Remove chicken breasts to warm serving platter, stir in sour cream mixture and allow to heat for approximately 30 minutes. Serve sauce over chicken with rice or noodles Serves 6.

THE GREAT SUMMER SALADS

Summer offers many special treats, and one of the best is garden-fresh salad. Nutritionally sound, tastefully dressed, crunchingly good salads are the mainstay of the summer table—and among the most attractive and appetizing meals to serve outside.

Summer harvests make it easy to select the ingredients for a super salad. Crisp, cool greens, ripe fruits



LIFESTYLE MACRAMÉ HAMMOCK

Creations by Jo Anne brings you this handcrafted designer macrame hammock. Its unique beauty and graceful appearance will enhance your pool, spa or patio

This contemporary conversation piece is designed with your comfort in mind. The cord is soft and flexible. All materials are weatherproof, washable and fade-resistant

The hammock is offered in six fashion colors (white, beige, brown, yellow, avocado green, brown/beige/gold tweed) The optional easy-to-assemble stand is available in white or beige

Simply fill out the order form below and you will receive your lifestyle hammock within six weeks. Your complete satisfaction guaranteed or money refunded

QUANTITY	DESCRIPTION	COLOR(S)	UNIT COST*	TOTAL
	HAMMOCK		$139.00	
	HAMMOCK STAND		$59.00	
			SUB TOTAL	
			CALIF. RESIDENTS ADD 6%	
			TOTAL	

*Includes shipping and handling

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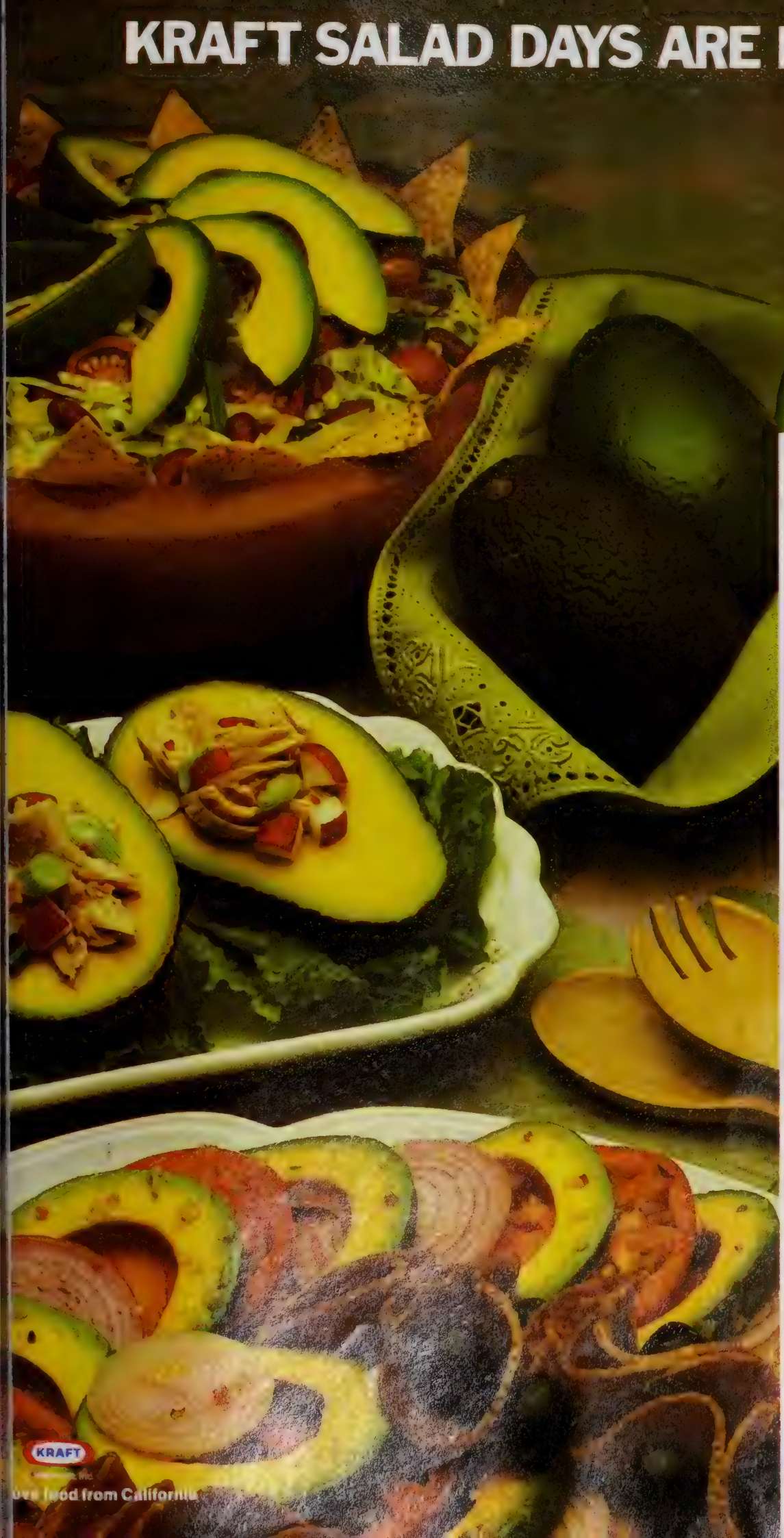
KRAFT SALAD DAYS ARE HERE.



Aaaahhh!

The Avocado Salad Bar

CALIFORNIA AVOCADOS, smooth as sunshine, create a luscious layout with KRAFT Zesty Italian Dressing.

Taco Toss: Toss shredded lettuce, cherry tomato halves, green onion strips and kidney beans. Top with avocado slices, surround with tortilla chips. The ultimate toss is with KRAFT Zesty Italian.

Avocado Inside Scoops: Avocados hold a mixture of chunked tuna, chopped radishes, and green onion slices. Serve with KRAFT Zesty Italian.

Fancipasto: Marinate tomato and red onion slices and black olives in KRAFT Zesty Italian. Assemble with avocado rings and hard salami slices. Top with additional dressing.

Behold a salad bar to ooohhh and aaahhh about!

KRAFT

ves food from California

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Unretouched photos

You're looking at four of the best-selling polishes in America.

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But if you use Pledge, you probably recognized that clean, clear, beautiful shine right away.

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GET PLEDGE BEAUTY. FOR A RECOGNIZABLE DIFFERENCE.

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d tender vegetables are in plentiful pply in local markets, as well as in ckyard gardens, and their lushness vites creative salad-making.

vorite seafoods, poultry and other otein sources make good salad ings, too. In fact, almost anything at goes on a plate can go into a lad. The combinations are endless, d so are the opportunities for artful esentation.

Take a ripe California avocado, for ample: halve it and pile it high with ur favorite filling. Then dress it for mpany with a splash of Kraft Zesty lian. You'll love the taste and xture of this easy-do salad, as well the way it looks on your party ble.

Kraft suggests using California ocados as a summer salad staple—xing them up, according to taste, th tomatoes, onions, peppers, ves, radishes, all kinds of greens, uits and other goodies. Tossed nerously with Kraft Zesty Italian ssing, salads like these are sure to ease.

ALIFORNIA AVOCADO AND HRIMP SALAD

ripe California avocados
mon juice
ttuce leaves
ounds raw shrimp, cooked, shelled and deveined
ackage (6 ounces) frozen King crab meat, thawed and drained
navel oranges, peeled and sectioned
bottle (8 ounces) Kraft Zesty Italian salad dressing

t avocados into halves lengthwise and move seeds. Brush cut surfaces with mon juice and place halves on a bed of ttuce leaves. In a bowl, mix remaining gredients and toss to blend well. Spoon rimp and crab meat into center of ocados. Spoon oranges into center of atter and around edges of platter. Chill until ady to serve. Serves 8.

ummer Outdoors
hotograph: Bill Margerin
ome Economist: Helen Feingold
ableware: The Pottery Barn

Advertisement

Shopping information

continued from page 208

NYC 10022. **Modular rolltop secretary and desk storage units:** Wood with ABS plastic rolltops. By Aldo van den Nieuwelaar for the Manhattan Group, at Rudd International, Washington DC 20007. **"Castelle" enameled cast-iron lavatory:** Self-rimming; shown in "evergreen"; about $111. **24-carat-gold-finished "Bravura" faucet:** About $165 set. Both by Kohler Co., Kohler WI 53044. **Laminates from the Design Concepts collection by Formica Corporation:** (clockwise from upper left) **"Stripe"** designed by John Saladino. **"Pin Stripe"** and **"Graph"** by Barbara Ross and Barbara Schwartz of Dexter Design. **"Maxi Graph"** by Margaret Larcade. **"Disc"** of raised ⅛" discs set geometrically on matte finish. **"Laquer"** high-gloss reflective laminate.

■ Wine & food cover

Page 181

White cabbage tureen: Also available in yellow or beige. Made in Portugal for sigma. $29 plus $2.50 postage and handling from The Silo, RFD 3, Upland Rd., New Milford CT 06776.

■ Take-home food

Pages 186–187:

Handmade, handpainted dishes: Depicting the 17 crests of the suburbs of Sienna. Dinner plate about $30. Dessert plate about $20. Cup/saucer about $15. Soup dish about $14. Mug about $15. At The Mediterranean Shop, NYC 10022. Cotton print tablecloth with 3-band trim. 90" diameter. Quilted, about $115; unquilted about $60. **Round quilted placemats:** Print reverses to solid. Oblong, about $6.50 each. 15½" round, about $7.50 each. Napkins: Each combines print and solid, comes with a fabric ring tied in a Chinese knot, about $5.50. **Aubergine pins:** Shown with napkins. By Marybeth. All at Jeanne-Marc, San Francisco CA 94105.

■ Kitchen page

Page 204:

Two-tone bamboo reed wine caddy: Made in the Philippines of "cocomidrib" (the rib of the palm leaf). Sold as set of 2 only, $14 ppd. At Look & Cook, 433 Cedar Lane, Teaneck NJ 07666. **Large natural canvas tote bag:** With natural webbing handle. 12 x 13 x 5". By Woodchips Designers. $19 ppd. from Tisbury Traders, Box 385, Vineyard Haven MA 02568. **3-Piece camping flatware set:** 18/8-alloy stainless steel knife, fork and spoon. From Brazil. $8.75 ppd. from J.A. Henckels, One Westchester Plaza, P. O. Box 127, Elmsford NY 10523. **"Go-Stopper" vacuum bottle:** For hot or cold liquids. One-liter capacity. Available in yellow, burgundy, or brown chromatic stripes.About $7.50 By Thermos. **"The Happy Snacker" folding portable bench:** Of steel tubing and redwood stained slats. Picnic table is 46" x 28½" x 30", weighs 36lbs., at Sears. About $70 set. **Portable charcoal grill:** Porcelain-on-steel body, aluminum frame. Nickel-plated steel basket and grill. 24 x 12 x 9", with 20" x 12" cooking area. Set of spit, basket and battery operated rotisserie. Black only, about $100. Optional accessories. By General Housewares. **"6-Pack Snap Pak" Insulated French vinyl bag:** Keep a six pack of cans cool for up to 5 hours. Collapsible, wipe-clean. In yellow or blue polka dots or brown or orange stripes. About $3.60 for six-pack; $4 for 12-pack. By Nappe/Babcock. **Polypropylene plastic Party Ball:** Ball divides into two serving bowls, contains 6 glasses, 6 dinner plates (9¼" diameter), 6 small plates (8½" diameter), 6 dessert bowls (9" diameter), and a small serving tray. With removable snap in handle. In all white, all yellow, or assorted party colors. About $35; by Ingrid. **"Plastic Food Lockers" containers:** In 1½ gallon ($8), ½ gallon ($6), 1½ qt. ($4), and 1 qt. ($2) sizes. Clip snaps over lid to hold it in place. In 1½ gallon, 1 qt., and 1½ qt. sizes. In white with clear, red, yellow or green lids; or black botton with clear, red, yellow or green lids. By Hammarplast. **Portable enamel-coated steel pan grill/smoker:** 10 inches in diameter. Works on direct source of heat, without charcoal. Includes drip pan, flame plate, lid and removable handle. In red only, about $50. By Arabia. ■

Vines climb into place

continued from page 117

make itself at home with you, a faithful spring and summer bloomer.

The normal resting period for bougainvillea is fall. It's a time of leaf drop, so don't worry when that happens. Just reduce watering and temporarily discontinue fertilizing. The same holds true if the plant fails to flower after a few years. Make sure it gets as much sunlight as possible, but reduce watering and fertilizing for a while. Somehow a slightly uncomfortable bougainvillea is more prone to bloom—not very uncomfortable, just slightly so.

■ The case for growing annuals

People tend to move plants around, bringing them to the fore when they are at their best and snuggling them away in some corner after disaster has struck or the bloom is off the rose, so to speak. What's needed every now and then is something fresh and new to revive the spirit of the beholder. This is where those one-shot plants, the annuals, make their appearance in the schemes of indoor gardeners.

A number of annuals, traditionally cultivated as garden plants, can be grown in pots to produce a profusion of summer blooms framing your windows. And in a sense they are disposable. It's a one-season love affair with something new and fresh, with none of the usual house-plant care routines. No annual pruning and shaping. No repotting. No trying to figure out when in wintertime to stop fertilizing to give the plants their proper rest. Just grow them. Enjoy them. And throw them away. Even nature doesn't keep annuals around for more than a season.

High on the list of outdoor annuals to grow indoors is the delicate-appearing but tough morning-glory, *Ipomoea purpurea*. A rapid-growing self-seeder, the plant is so rampant that in some areas it may become a meadow pest. Though perhaps a drawback in the cultivated garden, the morning-glory's tenacious-

Continued on page 243

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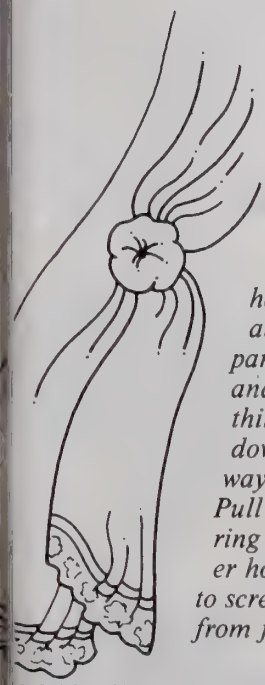


■ Rosettes by the bunch

It's easy to make a fabric rosette for gathering back a curtain panel. On page 140, a handful of lace was gathered at sill level, about 15 inches from the inner edge of each panel. Adjust each rosette to desired fullness, and wrap the base of the rosette tightly with thin ribbon. If desired, attach rosette to window frame or sill with a small tack. Another way to make rosettes with open-weave curtains: Pull a tuft of fabric through a wooden curtain ring with small screw eye attached (where pleater hooks usually hang). Tie one end of a string to screw eye, then guide other end through fabric from front to back, and tack to the window sill.

■ Color points: Three ways to decorate with color

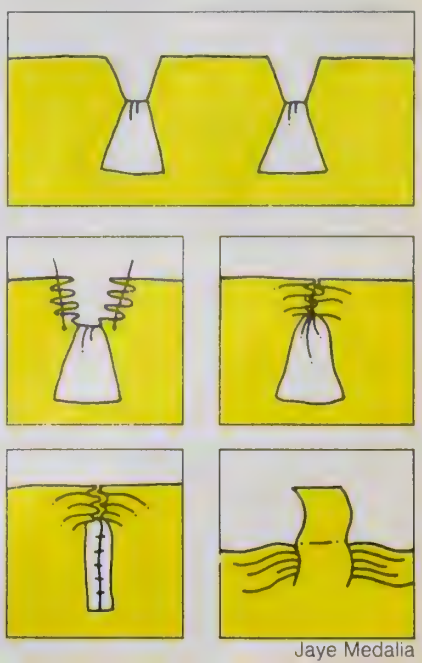
ook around the room ou're sitting in now—could use a lift of color? If so, ike some color ideas from ie stories in this issue. hey're easy to spot, and asy to adapt to your own ecial place called home. *To personalize* their weekend house (page 166), Molly nd Norman McGrath added *lanes of color to an otherwise all-white space.* Their architect, Myron Goldfinger, is nown for his all-white interiors, "but he trusted our idgement when we told him e wanted to add a little color upstairs—and he likes the nal results!" Taking color ues from a carpet designed y his father, Mr. McGrath ealously painted the ceiling vels in the master bedroom hot shade of salmon. In a w days, however, realizing at the effect was too warm, e added some white to his aint and toned down one of ie ceiling levels. "Now the oom displays a gradation of olor," says Molly McGrath, from the original hot salmon over the bed, to the sunt color over the desk, to ie palest pink on the bedoom door." In the chilrens' room, one wall is painted sunshine yellow—as are both upstairs skylights—"to complement the green of nature, and the bright blue sky." Downstairs, living-room cushions are purple—again, a complement, not a competition—to the outdoors that's so visible through tall glass walls. The same purple cushions often travel upstairs to the bridge, where they accent the colors in the painting there. Red and yellow director's chairs and bunches of marigolds add color splashes all around the house. • The Hampton living room (page 144) tells a different color story. Here, the *soft, faded colors* of an English chintz *make the room more inviting.* "Off-tone colors are often more appealing than bold, clear colors like the red and black of our old living room," explains Mr. Hampton—something to keep in mind when decorating for a comfortable look. "Our new colors, taken from the chintz—teal, raspberry, cream—are a little off-base, hard to match. The roses aren't pink and bedroomy; they're a soft brick color that works well with books and wood. And the blue really isn't blue—it's more of a faded turquoise. Colors like these can give a room a mellow, lived-in feeling. *Pattern has a calming effect in a busy space.* "The objects in a room create pattern, and our living room is *full* of objects—2 sofas, 12 chairs, 2 desks, lots of little tables, books, and decorative pieces," explains Mr. Hampton. "Adding more pattern to the walls blends everything together in a pleasing way, eliminating the sharp contrasts that occur in a room with solid-colored walls. Imagine a cluttered tabletop against a white wall, then against a patterned wall, and you'll see what I mean." • The Victorian house on pages 156-161 gets its *handsome look from deep natural colors, creamy walls.* "When it came to choosing colors, we just followed our instincts," say the owners. "We love wood tones, earth tones—and the colors seem to echo the surrounding farmlands." To give the house an instant unity, all the walls were painted cream. A rich contrast of browns and blues is carried throughout the house. There are print-on-print navy curtains in the dining room, baskets, and a terra-cotta tiled floor in the kitchen, and textured linen upholstery on the porch bench. Upstairs, the bedroom is restful, wrapped in delicious brown toile. Red in the bath brings out the rosy glow of the antique copper tub.

A valance effort

To cover a valance like the one on page 141, first pad it with fiberfill, then top with fabric. Staple both materials on from behind. For a clean look on the inside of your valance, cover staples and fabric edges with a piece of solid-colored cotton, glued or stapled in place. Valance is mounted above the window with angle irons.

■ Sew Grecian-gathered curtains from sheets

To make the softly-draped curtains on page 139, choose sheets $3^1/_2$ times the total width of your window for proper fullness. (Here, two king-size sheets, each 108 by 115, for a $60^1/_2$-inch window.) Cut top edge of curtain every $9^1/_2$ inches with shovel-shaped wedges—$7^1/_2$ inches wide at top, 3 inches wide at bottom, $8^1/_2$ inches deep. Fold outer edge of each wedge into $1^1/_2$-inch accordion pleats, and stitch together. Overlap the two pleated sides of each wedge, and stitch together. Fold in the outer edges of the wedge-like flap hanging in between, and stitch to form a straight-edged tab. Fold tab over accordion-pleated gathers, and fasten in the back. Stitch across the tab horizontally to form a 2-inch tab for the curtain rod. Curtains gather softly between tabs.



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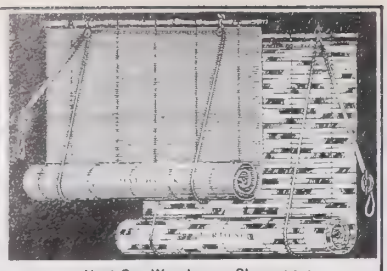

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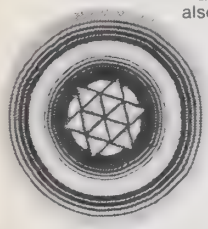

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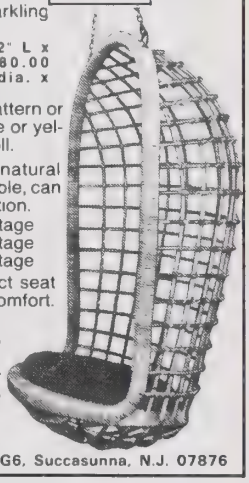

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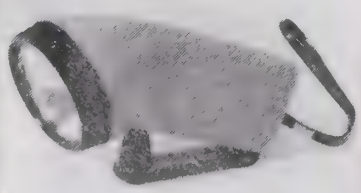

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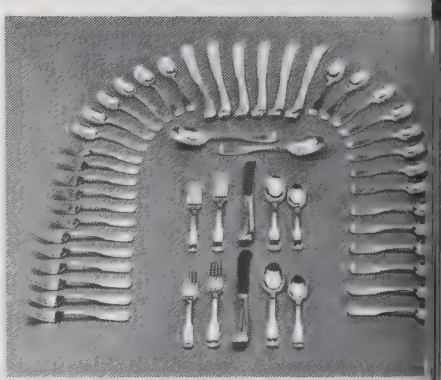

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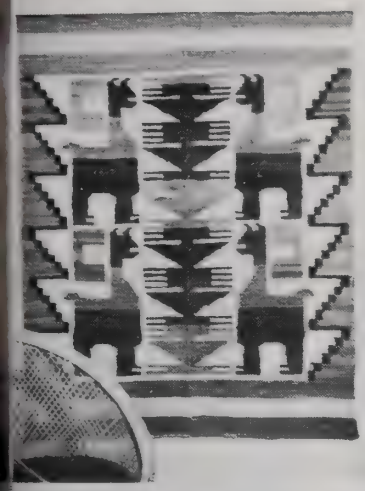

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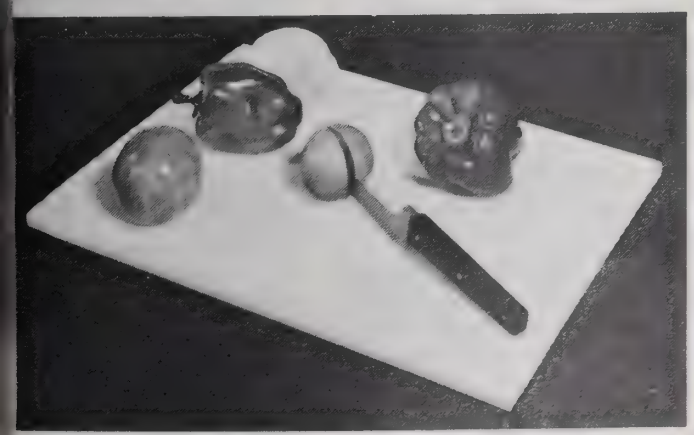

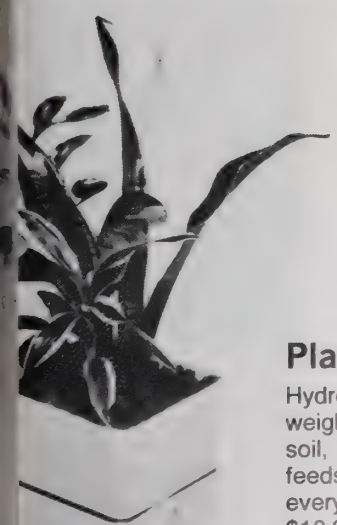

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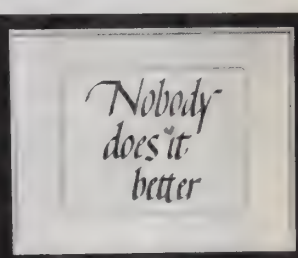

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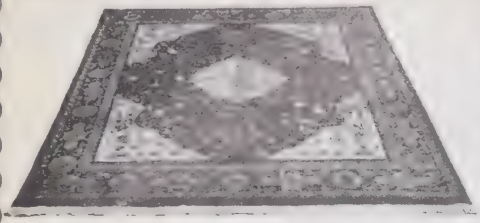

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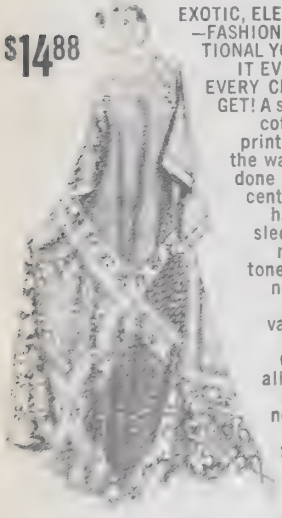

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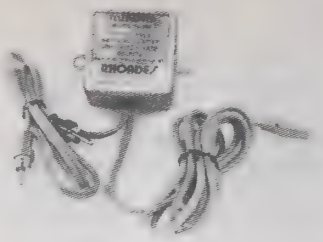

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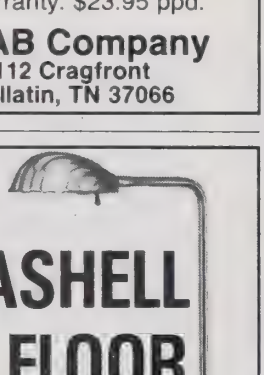

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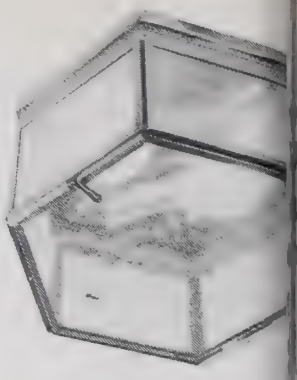

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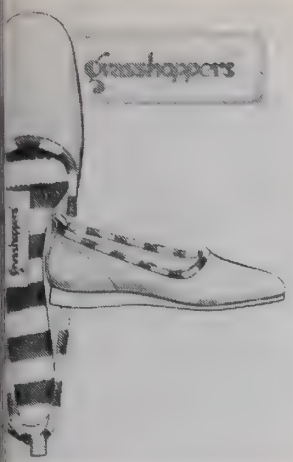

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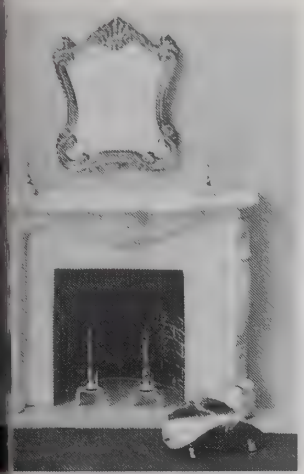
olness and comfort of can- s the absorbency of terry lin- tra insole cushioning, rubber d sole. Beige or navy, full alf sizes 6-10M. $9.90 plus post. Two for $16.90 plus post. Old Pueblo Traders, R6GH, 600 S. Country Club, , AZ 85726.



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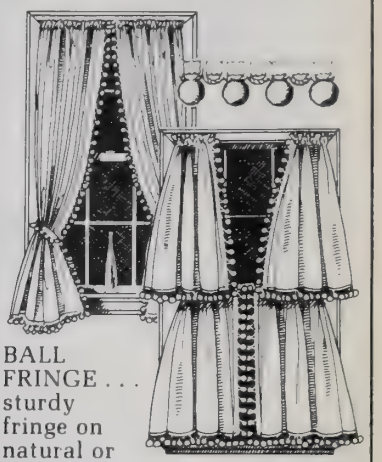

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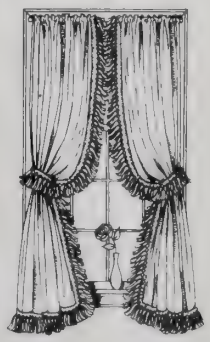

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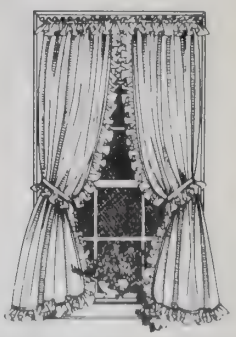

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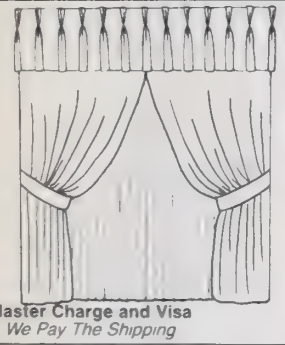

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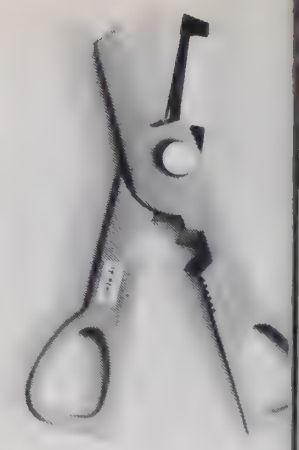

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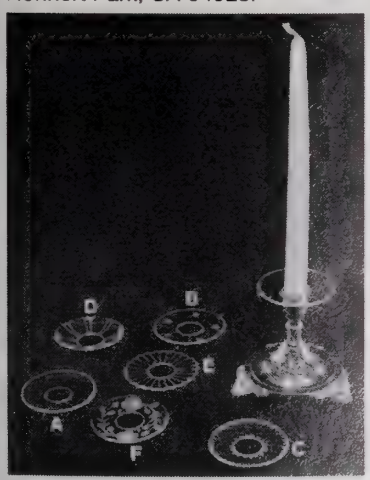

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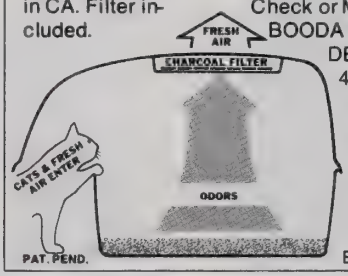

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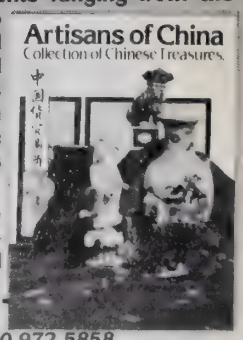

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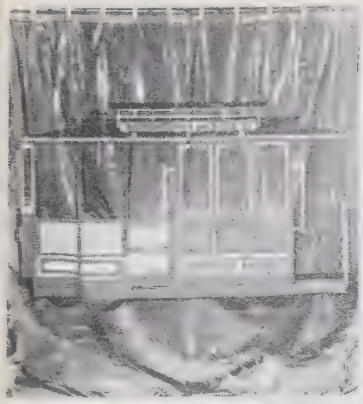

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6″ high, $30.00; 9″ $36.00; 12″ $42.00; 15″ $52.00.

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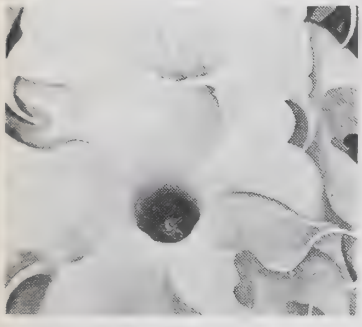

GEORGIA O'KEEFFE POSTER
"Two Jimson Weeds," the Seventh Season poster for the Santa Fe Chamber Music Festival, features white flowers against green leaves and blue sky. A Georgia O'Keeffe classic. Image size is 20½″ x 24½″; full poster, 25″ x 39″ for $22.00.
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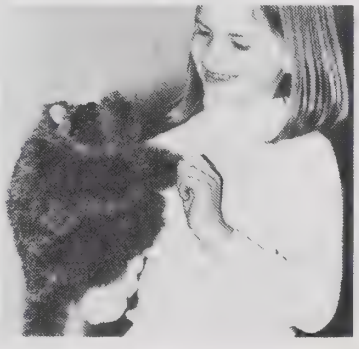

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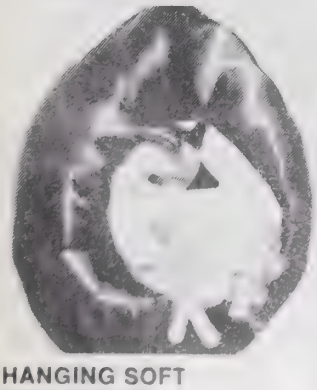

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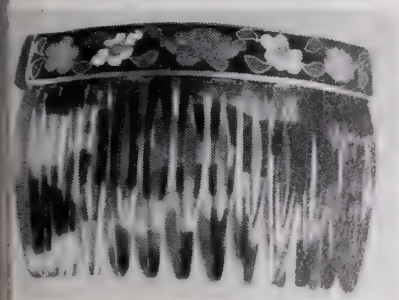

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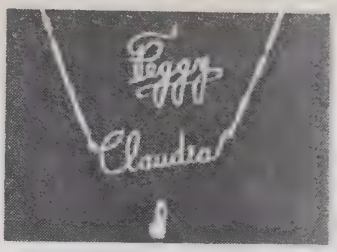

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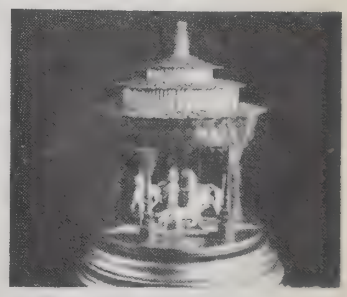

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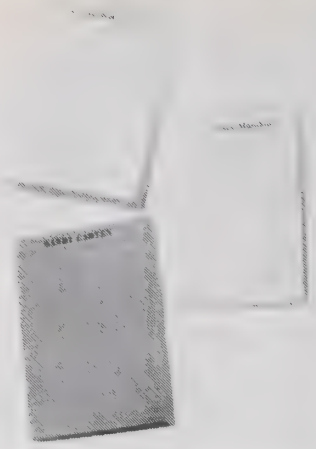

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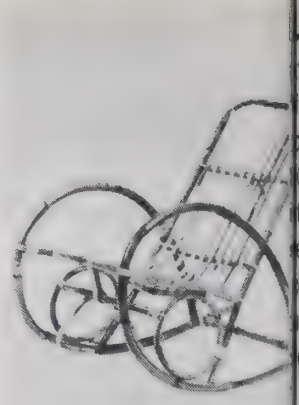

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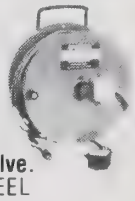

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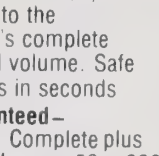

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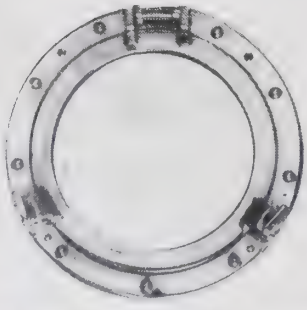

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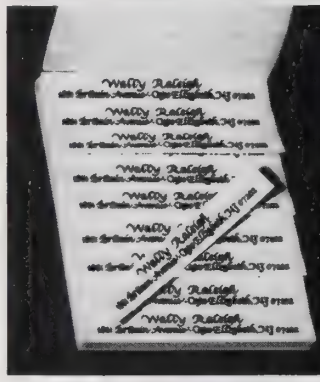

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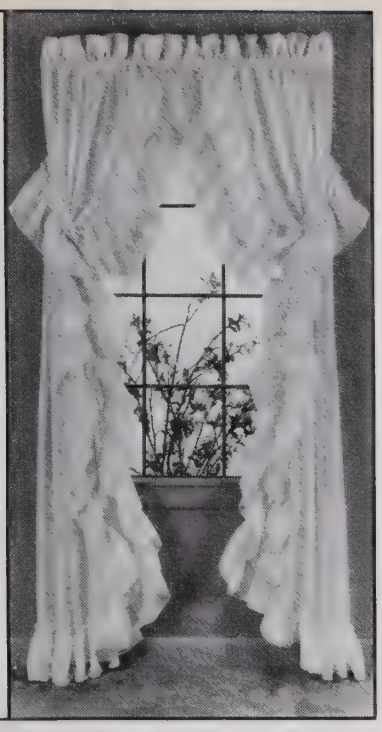

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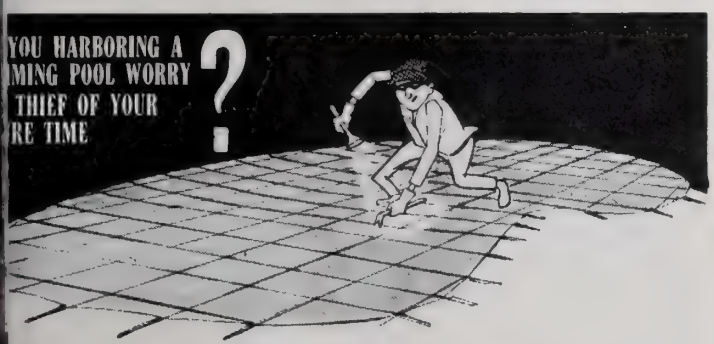

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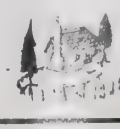

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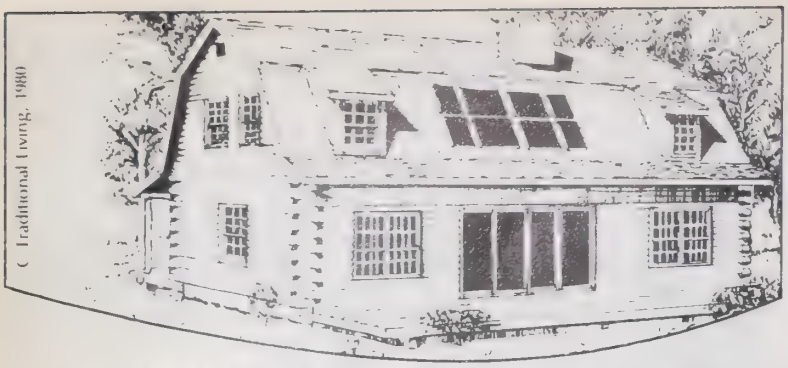

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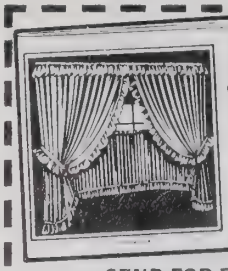

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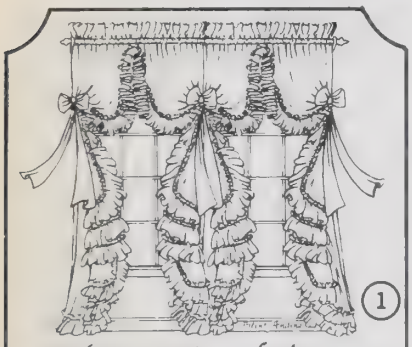

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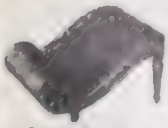

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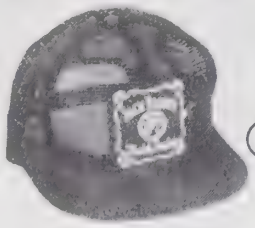

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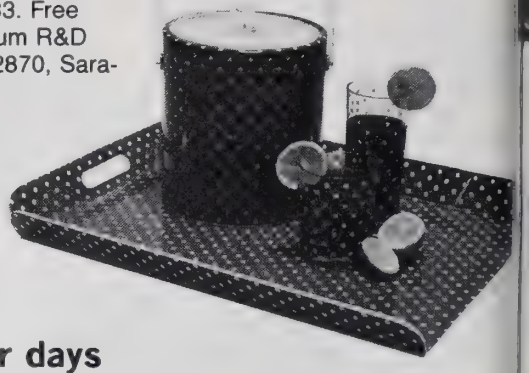

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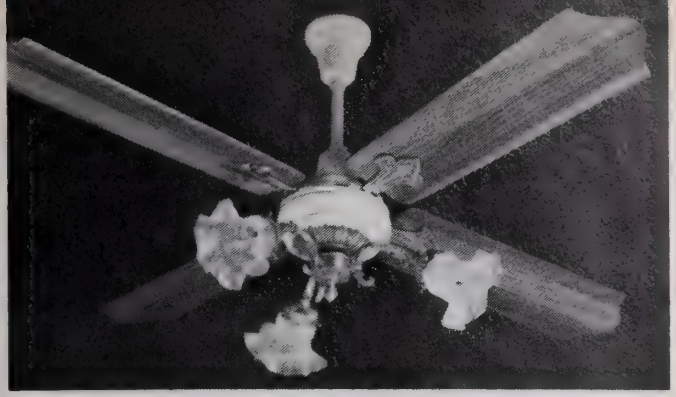
"Old Charleston" bench has cast-aluminum arms, braces formed into graceful lines with natural ⅞" cypress slats for long outdoor life. For residential or public use. 8' long: assembled $375; kit $300. 4': assembled $250; kit $200. Ppd. Send $1 for catalogue. Moultrie Manufacturing Co., HG6, Drawer 1179, Moultrie, GA 31768.



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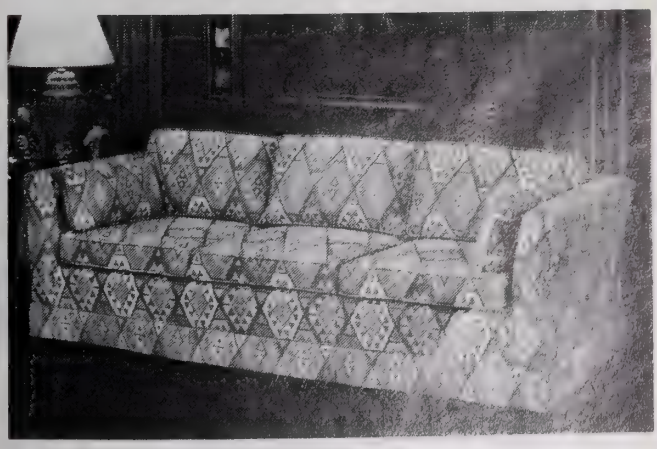

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Hardwood frame, hand-tied coil springs. Reversible zipper cushions. 88"l., 31"h.; seat 18"h., 22"d. $505 your 54" fabric (send 19 yds.); theirs from $599.50 depending on selection. Shpg. extra. Catalogue/swatches-request form $2. Hunt Galleries, HG806, Box 2324, Hickory, NC 28601.

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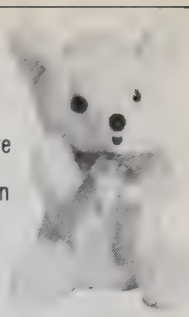

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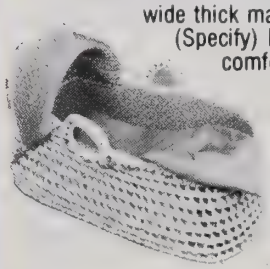

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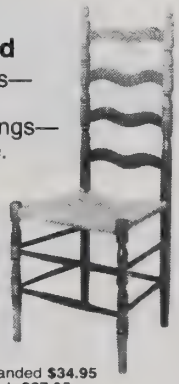

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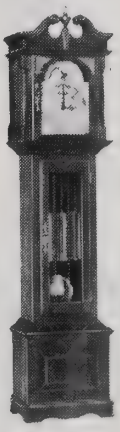

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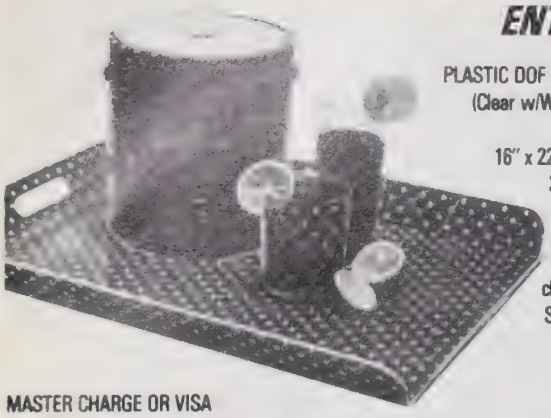

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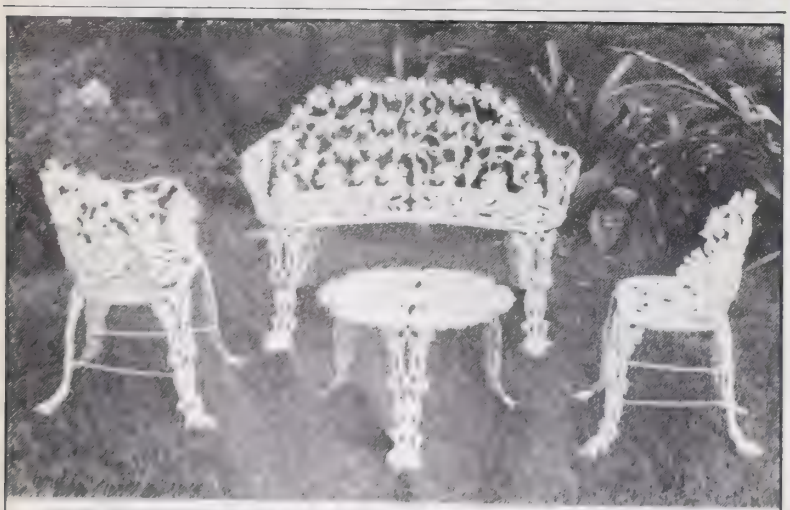

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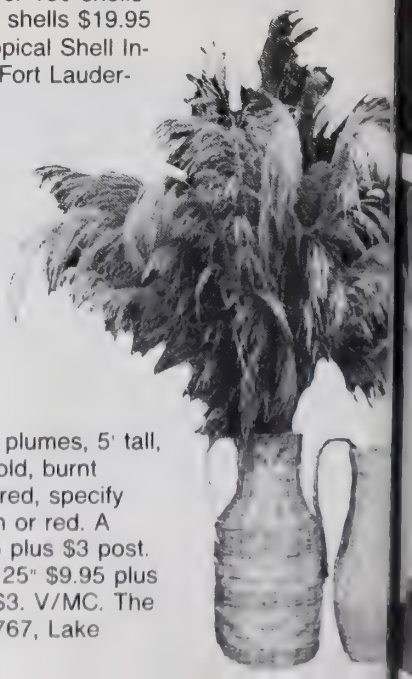

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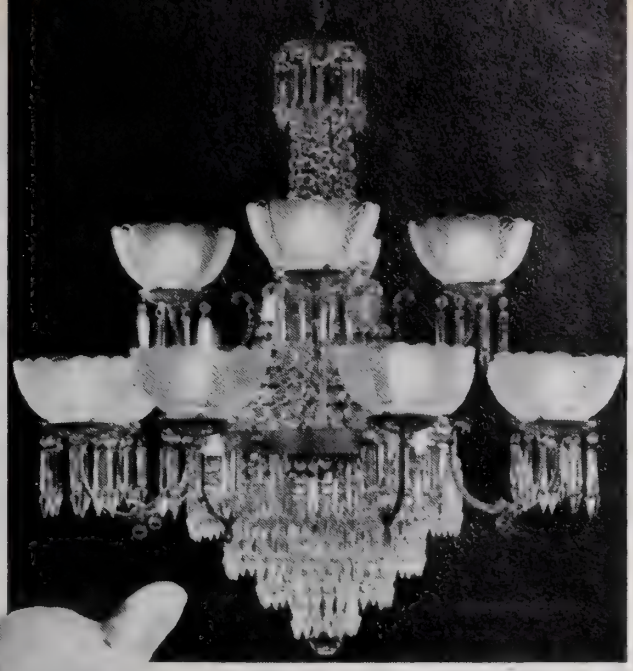

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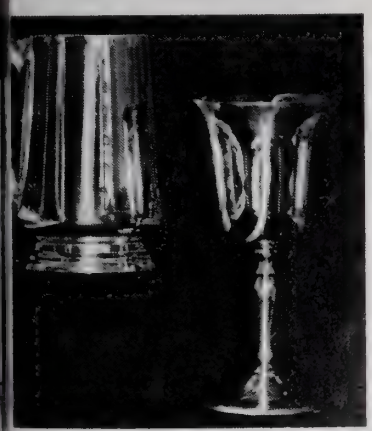

Silverplate

Tankard 5"h. (.92 lb. wt.) $19.95, six $99.50. Wine goblet 7¾"h. (½ lb. wt.) $19.95, six $99.50; 6¼"h. (⅓ lb.) $14.90, six $30. Cordial 3½"h. (¼ lb.) $9.90, six $49. Add $1 post. each item. MC/V. Toll-free: 1-800/621-5559; (IL: 1-800/972-5858). J. Fant Taylor Co., HG6, 914 Joseph St., New Orleans, LA 70115.

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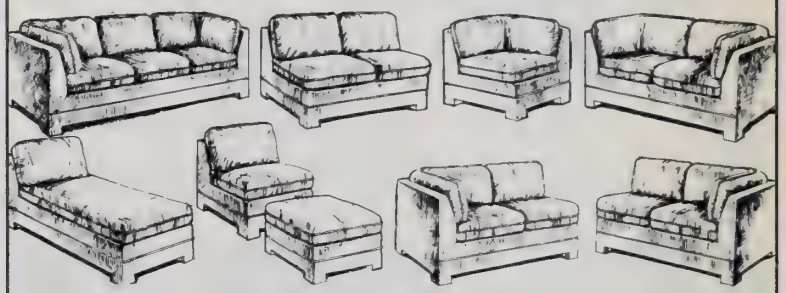

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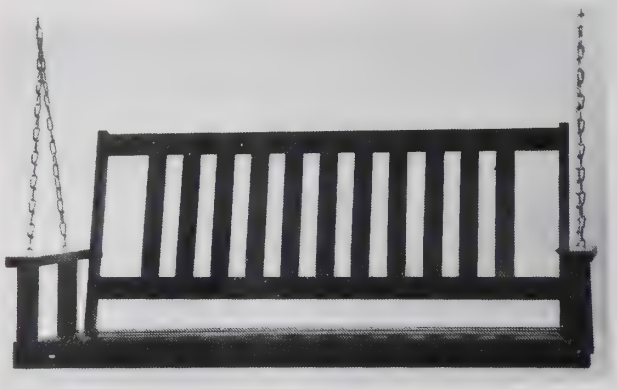

Sociable

Happiness is swinging with friends, having a relaxing time in a sturdy wooden swing 48" long. The hanging chains included. Direct from factory. $32.95 ppd. (Add $3 W. of Miss.) Send 50¢ for catalogue. Marion Travis, Dept. HG6, Box 292, Statesville, NC 28677.

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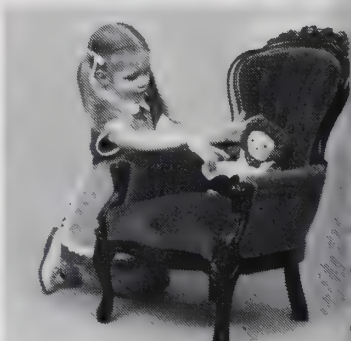
Small scale



Child's chair of hand-carved solid Honduras mahogany is copy of Gentleman's chair. (Lady's chair, sofa also for little ones.) Choice of upholstery fabrics and finishes. 17"w. by 20"d. by 31"h. $199.95. Shpg. coll. Catalogue is $1. Martha M. House, HG6, 1022 So. Decatur St., Montgomery, AL 36104.

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June 19

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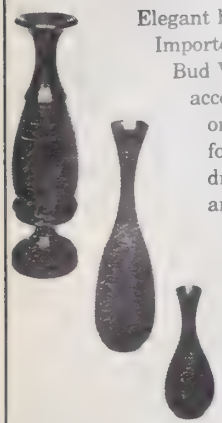
Beautiful Imported Mahogany Home Accessories



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6" $ 7.50
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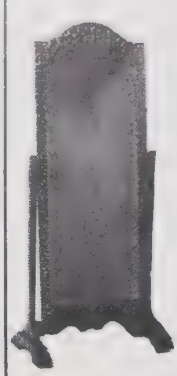

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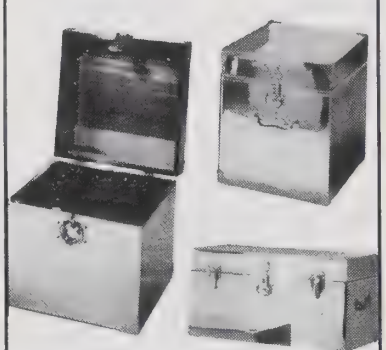

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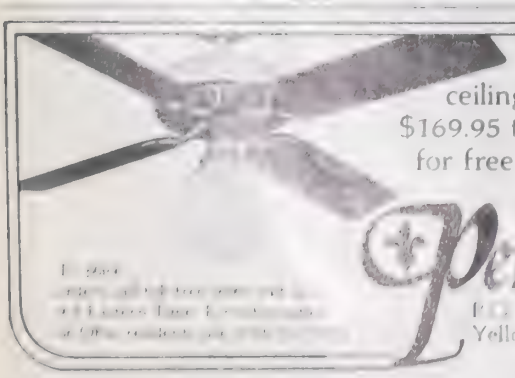

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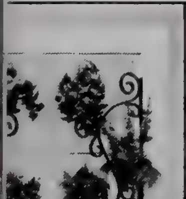

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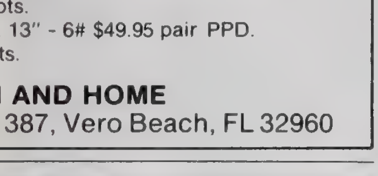

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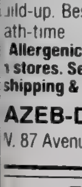

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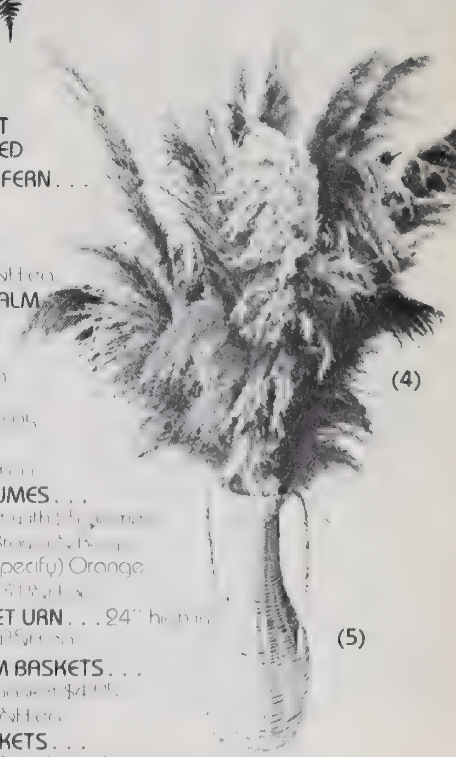

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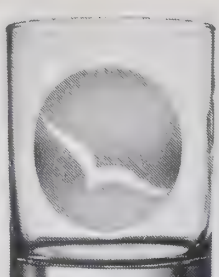

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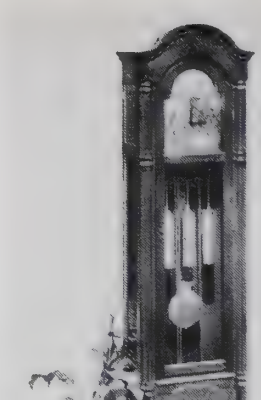

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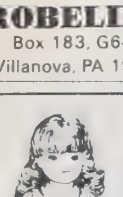

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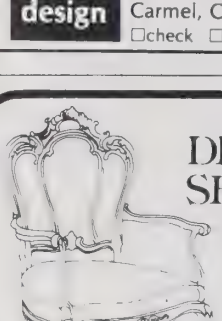

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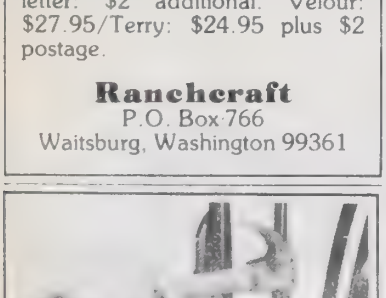

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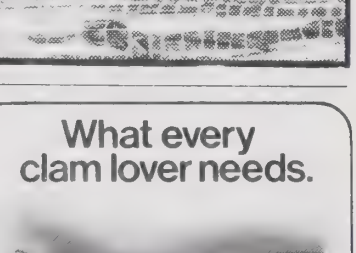

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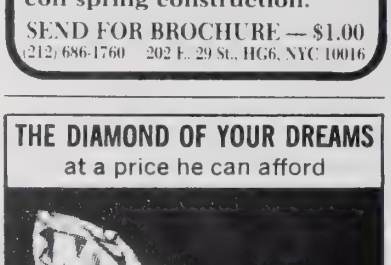

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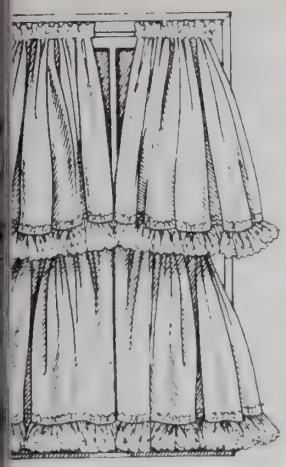

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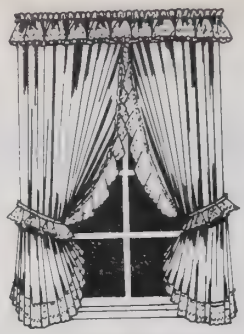

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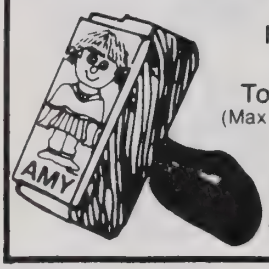

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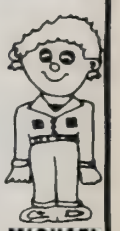

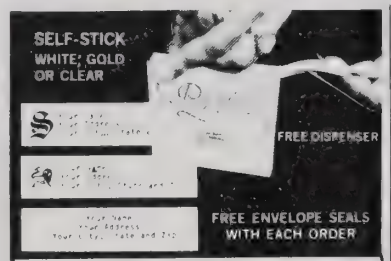

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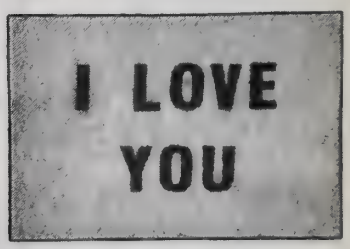

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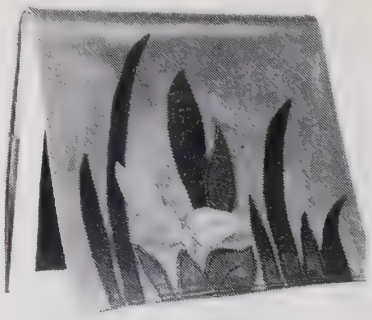

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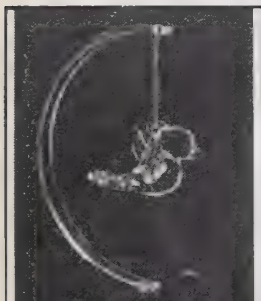

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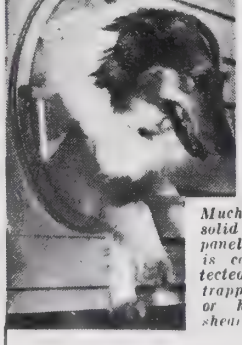

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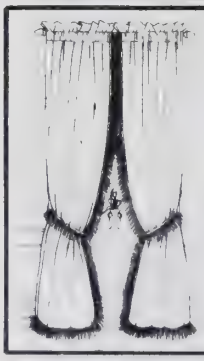

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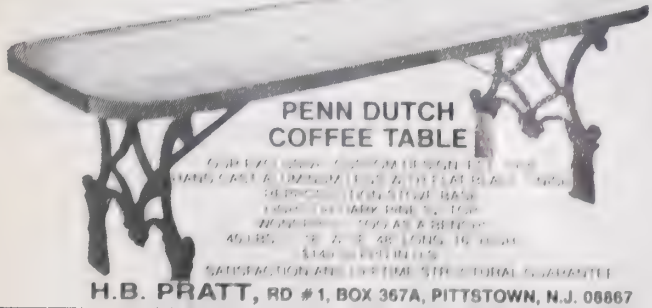

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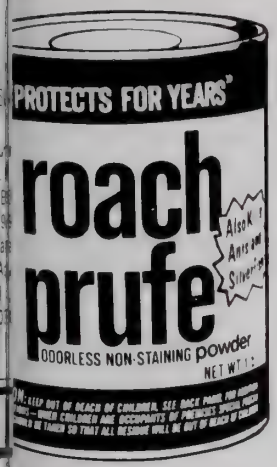

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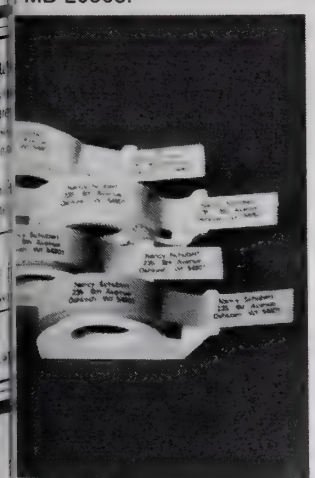

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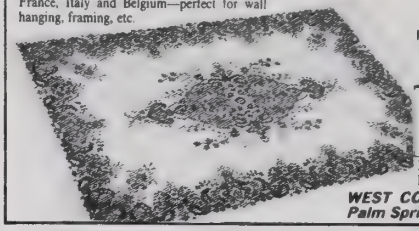

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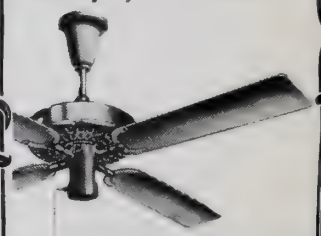

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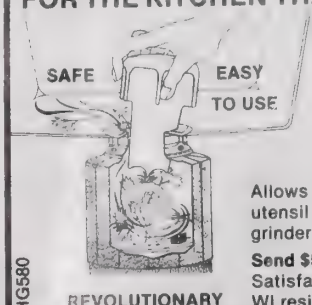

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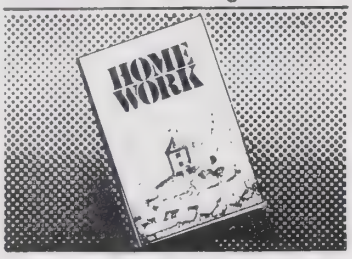

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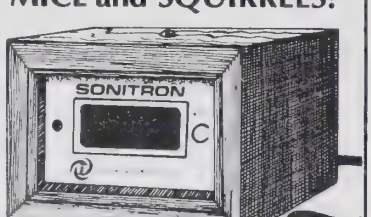

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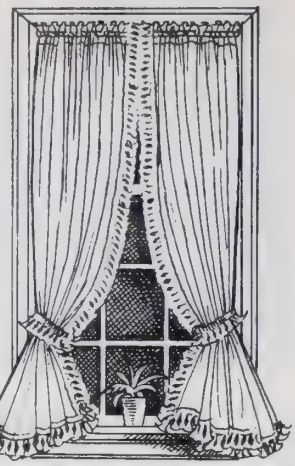

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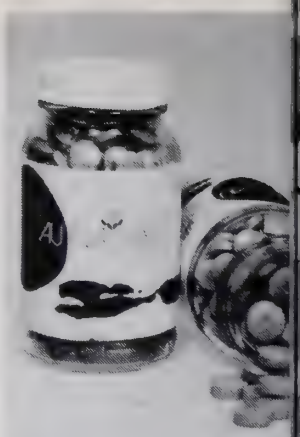

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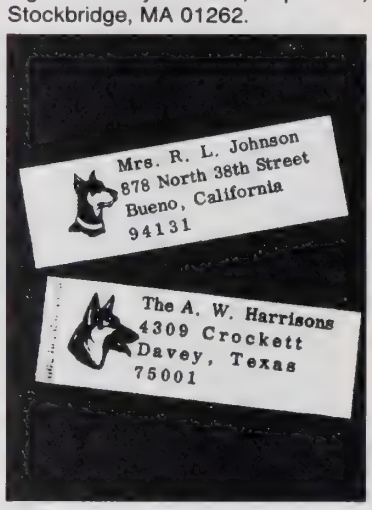

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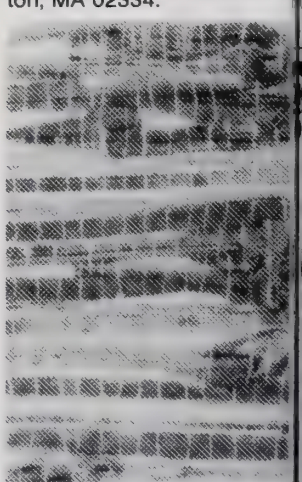

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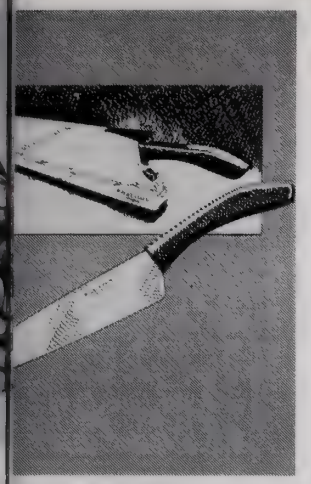

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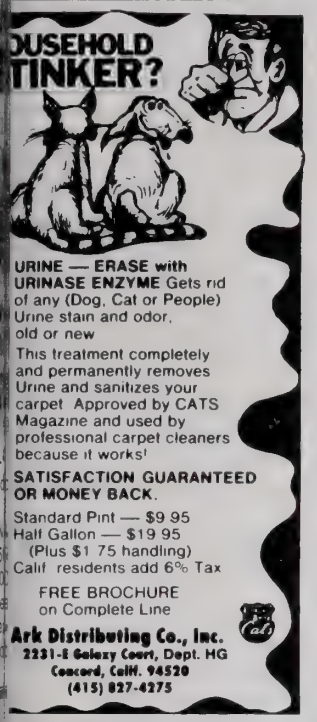

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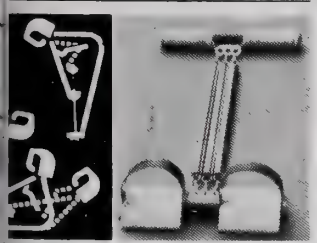

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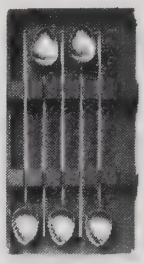

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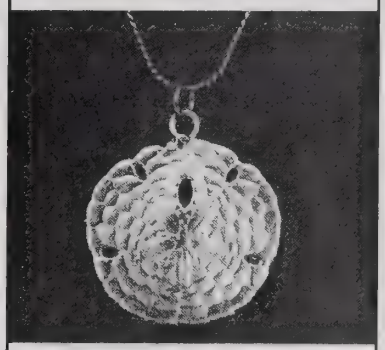

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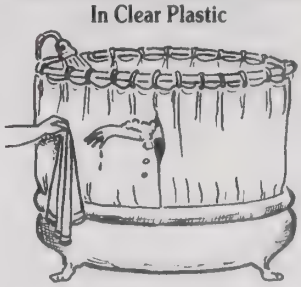

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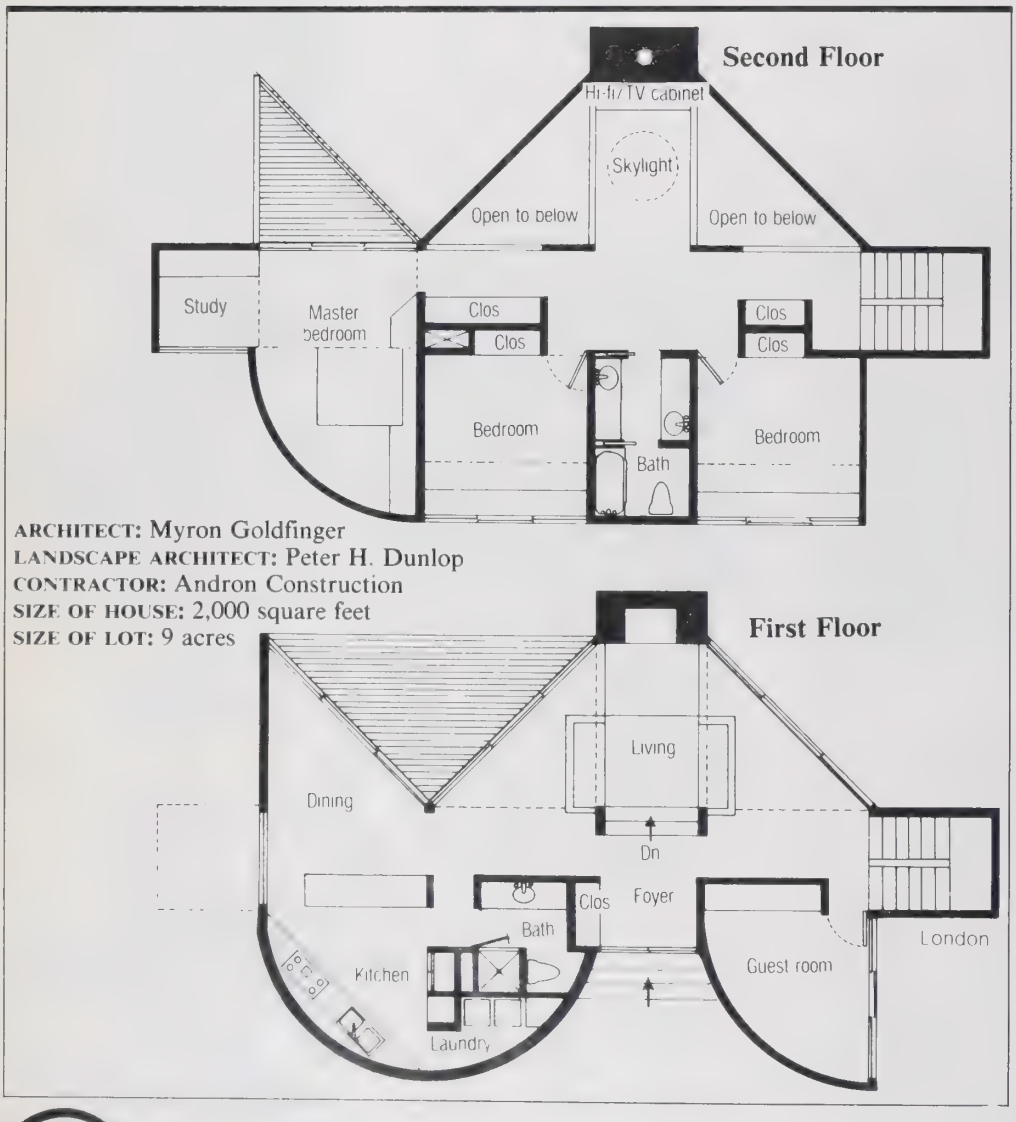
BUILDING FACTS

Materials and equipment used in the small weekend house as shown on pages 166-169

The plan is a variety of geometric shapes. The results: an element of surprise, a sense of spaciousness, bonus spaces. Front entrance sits between semicircular kitchen, semicircular guest room. Kitchen includes wedge-shaped workspace, eating peninsula, bathroom, laundry area. Living space, flanked by sliding glass doors, is one big polygon, with steps leading down into sunken rectangular area. Tower steps lead upstairs to roof and to full basement below.



ARCHITECT: Myron Goldfinger
LANDSCAPE ARCHITECT: Peter H. Dunlop
CONTRACTOR: Andron Construction
SIZE OF HOUSE: 2,000 square feet
SIZE OF LOT: 9 acres

On the second floor, the play of different shapes continues. The children's bedrooms are square, with high ceilings, two sets of windows, built-in sleeping lofts. Bathroom sits in between, has skylight above. Rectangular bridge off main hallway is perched over living area, has domed skylight. Master bedroom includes wedge sleeping area, 8-foot cantilevered study, triangular deck.

STRUCTURE

Foundation: Concrete and concrete block.
Framing: Standard wood-frame construction

EXTERIOR OF HOUSE

Exterior walls: Vertical cedar siding and ply wood sheathing.
Exterior paints and stains: Siding and shingl stains by Samuel Cabot, Inc.
Roof: 4-ply bituminous and cedar shingles.
Insulation: Wall and ceiling insulation by Fi berglas.
Windows: Aluminum sliding doors and Ther mopane windows by Arcadia, Northrop Ar chitectural Systems.
Skylights: Plastic skylights by Wasco Prod ucts, Inc. and Ventarama Skylight Corp.

INTERIOR OF HOUSE

Interior walls and ceilings: Sheetrock wall board by U.S. Gypsum Co.
Floors: In major rooms, kitchen, and baths Mexican Terra Cotta tile by Hastings Tile, a division of Hastings Pavement Co. In bed rooms, corridors, and stairs, industrial car peting by Sanford-Hall Carpet.
Lighting fixtures: Harry Gitlin, Inc. Re cessed lights by Lightolier, Inc. Electric switches and receptacles by Slater.
Interior paints: In major rooms and bed rooms, interior latex flat paint by Benjamin Moore. Doors, Regal Aquavelvet Latex Egg shell Flat Enamel by Benjamin Moore. Inside skylights, Varathane by Flecto.
Furnishings: In major rooms, kitchen, bed rooms, and bath, custom cabinetry and built-in furniture designed by Myron Goldfinger and built by Helmut and Edwin Benzenberg. In playroom, multipurpose jungle-gym designed by Charles Boxenbaum, architect, speed-rail connectors by Hollender Mfg., Co. On bridge, handwoven area rug by Donegal Carpets, Ltd., designed by Raymond McGrath, architect, for Kilkenny Design Workshop, Kilkenny, Ireland.
Music System: Beomaster 1900 Receiver, Beogram 4004 Turntable, Beocord 5000 Cassette Recorder, P-30 Speakers, by Bang & Olufsen.
Fireplace: Prefab built-in unit by Majestic Co. (member of American Standard Building Products Group).
Hardware: Doorknobs by Schlage Lock Co. Hardware on sliding doors by Grant Hardware Co., Div. of Buildex, Inc.
Kitchen and bathroom countertops: In kitchen, butcherblock and plastic laminate by Formica. Lavatory countertops in bathrooms, plastic laminate by Formica.
Plumbing fixtures: In kitchen, sinks by Elkay. In bathrooms, fixtures by American Standard.

MECHANICAL EQUIPMENT AND APPLIANCES

Kitchen appliances: Dishwasher by Maytag Co. Oven, Thermatronic II by Thermador. Range, by Thermador. Refrigerator by Sub-Zero Freezer Co., Inc. Exhaust fan, Tradewind by Thermador.
Heating system: Individual electric space heaters by Chromolux and Thermador.

COMING NEXT MONTH:
How to give your rooms a beauty treatment—and how to give your house a top-to-bottom checkup!
Watch for July House & Garden on your newsstand

nes climb into place

ntinued from page 217

ss is a plus indoors.

The densely-stemmed plant vines out m the branch and can cover a large a with white, blue, purple, or scarlet ooms. Yarn or cord strung from the t to your ceiling along the window me makes climbing easy. For 50 cents u can grow enough plants to fill every ndow in the house—not bad in these lationary times!

Actually, your morning-glories ouldn't quite fill every window. These wers like their sun. But that's about eir only stipulation. Give them a rich, ose soil for footing, put three seeds in ch 8-inch pot, keep them constantly oist to reduce the chance of aphids, d they'll be happy.

The black-eyed Susan vine, *Thunber- a alata*, like morning-glories, can easily grown from seed. Combining the two ll either produce a spectacular mix of lors—or discord. There seems to be no ay to predict the outcome.

Put four pots next to one another. nen, placing bamboo stakes (at least 4 et long) near the outside rim of each t, make a pyramid above the pots. Let e plants climb around to their hearts' ntent. And climb they will.

Sweet peas make good window speci- ens, too. They add the dimension of agrance to your flowering vines. Grow ese tendril climbers the same way as ur morning-glories, but add a table- oonful each of lime and bone meal to eir soil. Also, for really spectacular re- lts, fertilize once a week. Sweet peas ke things cool and are ideal for an air- nditioned room (even for hiding part f the air conditioner)—as long as there no direct draft on the plants them- lves.

You don't have to like beer to love ops. The plant *Humulus japonicus* is a gular jack-in-the-box grower. Shooting p as much as 6 inches a day, it pro- ides, if no real flower display, quick ooling green for the indoor grower.

Sources from which you can order vines:

eo. W. Park Seed Co., Greenwood, .C. 29647. Seeds. Catalogue free.

ogee's Greenhouses, 55 North St., Dan- elson, Conn. 06239. Plants. Catalogue 2.

White Flower Farm, Litchfield, Conn. 6759. Jasmine plants. Catalogue $5.

Manuscripts

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Remodeling update

continued from page 92

moisture getting in also has a way to get out.

A tight house, where infiltration is under control, may need particular attention to air circulation. Few studies have been done, as yet, on all the effects of various levels of ventilation in houses—but there is a simple solution to stuffiness, says Sue Aulisi: "Open a window." Small-space air cleaners (particularly useful for allergy sufferers) that can recycle house air without dumping heated air outside are available.

■ Step six: Consider the sun

Any house where the sun shines in the windows has some potential as a solar house, and after you have plugged the holes by which heat is getting out, you might want to think about getting some extra heat in.

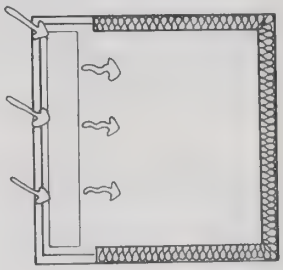
First, find out what you've got. How much of your house faces south, and how directly? (Each degree east or west of south decreases exposure to sunlight, but in some cases—determined by climate or special situation—may increase the efficiency of its use.) Where does the sunlight fall, and at what seasons? Is it unshaded, or is it blocked for any part of the year? What's the axis of the peak of your roof? (East/west is best for collectors to heat domestic hot water, but other orientations are possible.) For help in answering these questions, you may want to consult a solar businessman. Lists by state are available from the National Solar Heating & Cooling Information Center (800–523–2929; in Pennsylvania, 800–462–4983), which can also supply information on solar access. If you find that the outside of your house gets more sun than the inside, you may decide to invite some in. Whatever the percentage of heat it can supply, that is heat you will not need to pay for.

The easiest way to do it is to open up the south side of your house (if it is done to add solar heat, the project may be eligible for state or federal tax credits). Increasing window area will increase the heat losses of the house, because glass is not a good insulator. But if the orientation of the house is right, solar gain can be counted on to more than offset those losses, particularly if you (a) double or triple glaze, (b) keep sections of glass that open to a minimum, (c) use nighttime insulating covers, (d) decrease window area on the north side of the house, and/or (e) increase thermal mass. Thermal mass is any heavy material that can soak up heat—a slate floor over a foundation slab (with insulation underneath), for instance, or even the walls and furniture of the room. These will warm gradually while the sun shines on them. As soon as room temperature falls below the temperature of the thermal mass at night, it will begin to give up its stored heat to the room. Added mass should only be used in conjunction with free heat, says Bruce Brownell. Otherwise, you're paying for the heat it soaks up. An easy way to add mass to the walls the sun shines on is to double the layers of gypsum board.

You may want to take even more positive solar steps. A 60-square-foot rooftop collector in Boston could deliver about 60 percent of the hot-water needs for a family of four, at a first cost of about $4,200 installed. Of that, about $1,000 might be recovered as a federal tax credit the first year (some states also have tax credits for solar use). Savings for oil-heated hot water would be about $130 the first year, according to a computer analysis made at the National Solar Heating and Cooling Information Center, and would increase to about $1,800 per year by the end of 20 years if fuel prices escalate at a steady 15 percent per year. The escalation rate in New England last year was close to 100 percent. Costs for the solar collector would include the interest on the loan, if any, that financed it, about $50 per year in maintenance, and a very small cost for energy to run the pumps associated with a water-heating system.

There are other ways to use solar energy for an existing house that has good solar potential. You could install vertical active collectors on your south-facing wall, or put them in the backyard, or on the garage, wherever there is sun.

Or you could turn your south walls into modified Trombe walls. A Trombe wall, named for French scientist Felix Trombe, who has been building and studying them in the south of France for nearly 20 years, consists of some glass, then an air space, then a dark-painted thermal mass. At the top and bottom of the mass (your wall) are vents. Cold air from the room is pulled into the wall through the vents on the bottom. The sun, falling through the glass onto the dark wall (which absorbs heat while the glass helps prevent the long rays of heat from bouncing back outside), warms the



A Trombe wall *uses heavy masonry to soak up the sun's heat. It warms circulating air, or radiates stored heat hours later.*

Continued on page 252

THE GARDEN

How to pick your way through a rose catalogue

The **Hybrid Tea** is the flower most people picture when they think of a rose. The classic, fragrant long-stemmed beauty. The flower that boys give their best girl. In the landscape, Hybrid Tea foliage often succumbs to mildew and blackspot, requiring constant spraying. The reason for bothering is for those luscious well-shaped flowers at the tips.

Floribundas are landscape plants, produced from a cross of a Hybrid Tea with a Polyantha, an old rose with Asian ancestry. They bear clusters of medium-sized flowers. Tall bushes are good for hedges; short ones for edging shrub borders. They are hardier than Hybrid Teas, and their flowers are often as pretty.

Grandiflora is a new class of rose, not recognized by some rose societies. It usually means a tall Floribunda and combines characteristics of the Floribunda and Hybrid Tea.

Old roses usually bloom only once a year but are less finicky than persnickety modern roses. These are the roses that were woven into medieval tapestries and that Redouté glorified on canvas. They flood the air with sweetness. Few are available commercially, but Roses of Yesterday and Today (formerly Tillotson's), Watsonville, Calif. 95076, sells some by mail-order; catalogue $1. For roses old and new, *A List of Hard to Find Roses and Where to Find Them* ($2 from Beverly R. Dobson, 215 Harriman Road, Irvington, N.Y. 10533) provides 56 U.S. sources.

Shrub roses includes some old roses and refers to varieties that are sufficiently vigorous and self-supporting to be grown as carefree shrubs.

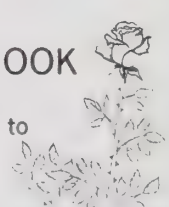
Climber, as a term, is a misnomer, as roses do not climb naturally, like ivy. Climbing roses are tall varieties that can be tied and trained upward or horizontally. Some modern climbers are as hardy and floriferous as Floribundas. Some Hybrid Teas have been adapted to climbing, but are rarely hardy north of Washington, D.C.

Creepers or trailing roses are also available, and are spectacular for covering bare banks and slopes or training over large rock or stone walls.

No other flower can boast the versatility of the rose.

—Penual P. Allan

PETER MALINS' ROSE BOOK



We have Empress Josephine to thank for spending Napoleon's money to sponsor the development of modern roses, and Peter Malins to thank for telling us in a recent book which ones are worth our attention, how to grow them, and where to find them.

Peter Malins' Rose Book (Dodd, Mead; $12.50) is by the chief rosarian at the Brooklyn Botanic Garden, and co-author M.M. Graff. What sets this book apart is the frankness with which Mr. Malins discusses the pros and cons of roses on the market today. He analyzes over 200 and candidly rates their performance, based on his 20 years experience in the northeast. (Roses perform differently in different areas, and

Continued on page 249

PLANNING YOUR GARDE

A LIST OF MODERN, EASILY AVAILABLE ROSES— PETER MALINS' FAVORITES

WHITE

Hybrid Tea — 'Pascali,' 'White Masterpiec 'Garden Party,' Iceberg'

Floribunda — 'Saratoga,' 'Evening Star,' 'Iv ry Fashion'

Climber — 'White Dawn'

YELLOW

Hybrid Tea — 'Peace,' 'King's Ranson 'Lowell Thomas,' 'Summer Sunshine,' 'Ne Day'

Floribunda — 'Yellow Cushion,' 'Gold Fleece'

Climber — 'Golden Showers'

Shrub Rose — 'Harison's Yellow'

YELLOW BICOLORS

Hybrid Tea — 'Sutter's Gold,' 'Apricot Ne tar,' 'Helen Traubel,' 'Mojave,' 'New Day'

Shrub Rose — 'Frühlingsgold'

SALMON

Hybrid Tea — 'Seashell,' 'Sierra Dawn,' 'Ch cago Peace,' 'First Prize'

Floribunda — 'Pinocchio,' 'Fashion,' 'F bergé'

Creeper — 'Max Graf'

PINK

Hybrid Tea — 'Pristine,' 'Tiffany,' 'Spellbin er,' 'Duet,' 'Paradise'

Floribunda — 'Betty Prior,' 'Pink Bountifu 'The Fairy'

Grandiflora — 'Queen Elizabeth,' 'Pink Pa fait'

Shrub Rose — 'Pink Grootendorst'

Climber — 'New Dawn'

ORANGE

Hybrid Tea — 'Tropicana,' 'Fragrant Cloud 'Command Performance'

Floribunda — 'Cathedral,' 'Irish Mist,' 'Co tempo,' 'City of Belfast,' 'Matador,' 'Chari ma,' 'Spartan'

Grandiflora — 'Montezuma,' 'Sonia'

RED

Hybrid Tea — 'Chrysler Imperial,' 'Mist Lincoln,' 'Proud Land,' 'Oklahoma,' 'Mi andy'

Floribunda — 'Europeana,' 'Red Pinocchio'

Climber — 'Blaze,' 'Cadenza,' 'Don Juan'

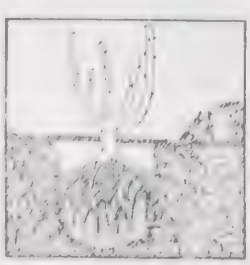
Roses to Grow Indoors

Pint-sized miniatures stand from 6 to inches high, but despite their dainty pearance, they are the hardiest class roses. They also grow well indoors. house plants they are flecked with co most of the year when grown in a sun window. They are also captivating in t race containers, window boxes, as edgi for a border or in a rock garden. So have classic Hybrid Tea-shaped flowe Others are flat. Many are deliciously f grant. Don't miss *The Complete Book Miniature Roses* by Charles Mard Fitch (Hawthorn Books, 1977, $12.95)

HOW TO PLANT A ROSEBUSH

Whether potted by a local garden center, or sent bare-root by a mail-order nursery, rose roots should be spread on well-worked earth in an ample hole. Make sure the bud-union (graft) is at ground level. Do not fertilize. Tamp lightly and water deeply.

Reitter



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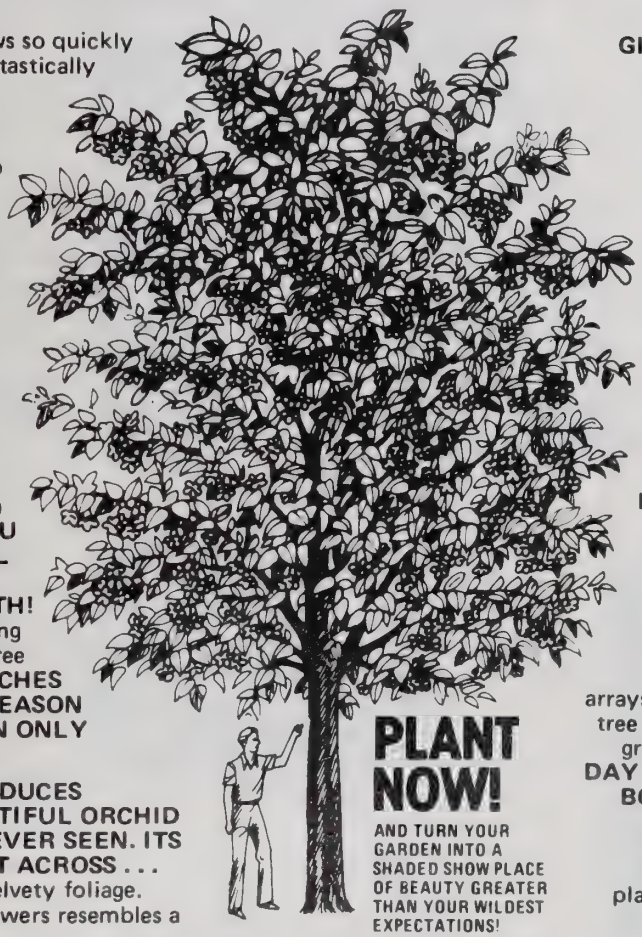

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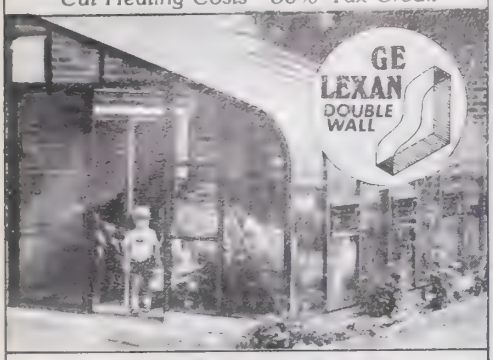

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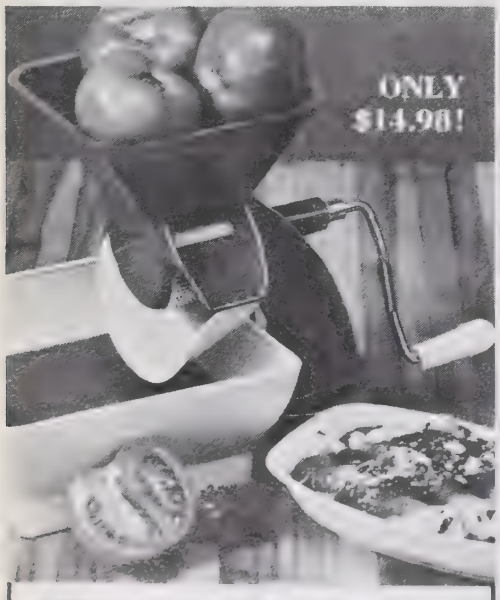

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BY JAMES FANNING

GARDENER'S NOTES

June garden gatherings

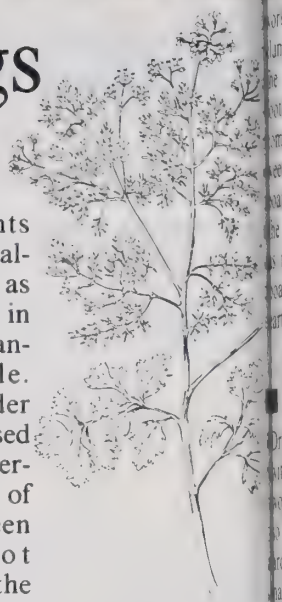
News for environmentalists and conservationists plus some ideas to make your summer gardening more pleasurable

■ Coastal year

Gardeners are of necessity environmentalists. Soil, weather, and plant growth and the ways in which they interact are of prime importance for everyone who gardens in a flowerpot or on acres of land. Erosion, pollution, and crowding have forced themselves more and more into the gardener's awareness in recent years, as it has become obvious that each of them is affecting all of us. Much as we may have wished to do something about all of this, we haven't known how to begin—where to start work on the herculean task of making our environment really livable. So we must be grateful to a group calling itself Coast Alliance, which has had the good sense to begin at the real beginning, the edge where land and water meet. Proclaiming 1980 "Year of the Coast," the Alliance has secured the backing of public agencies in all of the states bordering the Atlantic, Pacific, Gulf of Mexico, and Great Lakes. In all of these regions there will be a concerted effort to educate the public on the economic as well as the aesthetic and recreational value of coastal areas. Programs are being set up everywhere, and the year's activities are bound to bring about a greatly increased awareness of the importance to the whole national environment of what happens along our coasts. Detailed information on what will be going on in the various areas may be had from Year of the Coast, P.O. Box 2708, Washington, D.C. 20013, or by telephone, (202) 783-6464.

Sabatia is one of the beautiful wildflowers that grow in Atlantic coastal marshes.

■ Call it coriander



Coriander looks much like its relative, celery.

Fashions in plants change as drastically, although not as often, as fashions in clothes. Take coriander, for example. Aromatic coriander seeds have been used in cooking for generations, but the rest of the plant has been ignored, if not scorned. Some of the old books actually speak of the leaves as "evil-smelling," but today's gardener grows coriander *for* its leaves, with the seeds taking a secondary place. Known variously as cilantro, culantro, or Chinese parsley, coriander leaves and leafstalks are an essential part of many Oriental dishes and that South-of-the-border favorite, Mexican black-bean soup. The plant looks like a small, delicate version of its close relative, celery. A short-lived annual, it must be grown quickly, in rich, moist soil in full sun. Succession plantings—about 6 weeks apart—will keep a crop coming along throughout the summer. Once a plant flowers and sets seed, its leaves quickly become useless, but of course the seeds may be kept for your spice shelf. Take it easy if you're using coriander leaves for the first time. The flavor takes a bit of getting used to.

Kathleen Bourke, from *Herb Gardening in Five Seasons*, by Adelma Simmons, D. VanNostrand Co., Inc.

■ Brewing up turf

Anheuser-Busch is taking a large step forward, into the conservation-conscious future. At its Jacksonville, Fla., brewery, Anheuser-Busch is pumping something like a million gallons a day of liquid waste into the irrigation system of an adjoining turf farm. Rich in nitrogen and other plant nutrients, this waste not only provides food and water for the growing grasses but relieves the municipal sewage system of a significant part of its daily burden. The turf is sold to landscape contractors, golf courses, recreational and parks departments, and whatever water is not absorbed by the grass roots returns to the underground water table, so everybody profits from the operation. Similar waste-disposal systems are in operation at other Anheuser-Busch breweries, and it may be hoped that other industries with large volumes of liquid waste will follow their lead.

Garden on duckboards

Scrap lumber—in pieces big enough to put your foot on—can be a big help in working among rows of vegetables or clumps of flowering plants. Laid flat on the ground, boards provide firm, dry footing, keep the soil from becoming compacted, and prevent the growth of weeds. Laid down at planting time, the boards may remain in place throughout the growing season or be moved around as necessary. After a few weeks each board will have a family of healthy earthworms under it.

Moistening seeds

Dry garden soil is the best kind to work with at planting time. However, seeds won't sprout unless they have moisture, so it's a good idea to moisten the soil around them to make sure they germinate. The best way of doing this is to mark out the seed row, make a furrow of the depth appropriate for the seed you're planting, then run water into the furrow until the soil beneath is thoroughly moistened. Then, after the seeds are in place, dry soil from the sides may be drawn in to cover them and you can move on to the next row.

Rose book

Continued from page 246

He suggests comparing notes with rose growers where you are.) He comments on the rose's color and shape, ability to withstand heat and humidity, its disease-resistance, its fragrance, and the plant's stamina over the years. He has included an index and mail-order sources.

Mr. Malins reminds the reader that no rose is forever disease-resistant. Spraying is part of good rose culture. (See page 52 for Jane F. Lapham's program, which coincides with Brooklyn Botanic Garden's, though as Mr. Malins points out, Isotox is *not* used if roses are near herbs, fruits, or vegetables. Malathion, Sevin, or pyrethrum-rotenone would be safer—and follow manufacturer's directions.) He offers amusing, helpful viewpoints on mulching, fertilizing, pruning, and winter care. "Hilling roses, where snow is not a dependable cover, protects the vital base of a rosebush," he writes. "For the upper part of the canes, you can construct a cage of chicken wire or thrust Christmas-tree branches, needle-side out, into the ground at an angle and tie their tips together. . . . Climbing roses can also be swathed in evergreen branches, tied securely so the wind won't dislodge them. To figure how high the protection should extend, start with the depth of the heaviest snow you are likely to get and add the height of a rabbit on tiptoe."

There is also a chapter on growing roses in containers. Floribundas and Polyanthas are ideal for tubs. White 'Summer Snow' and 'The Fairy,' a light rose pink, are two sturdy choices. ■

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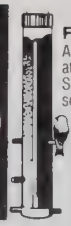

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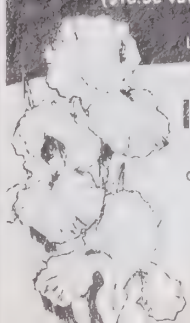

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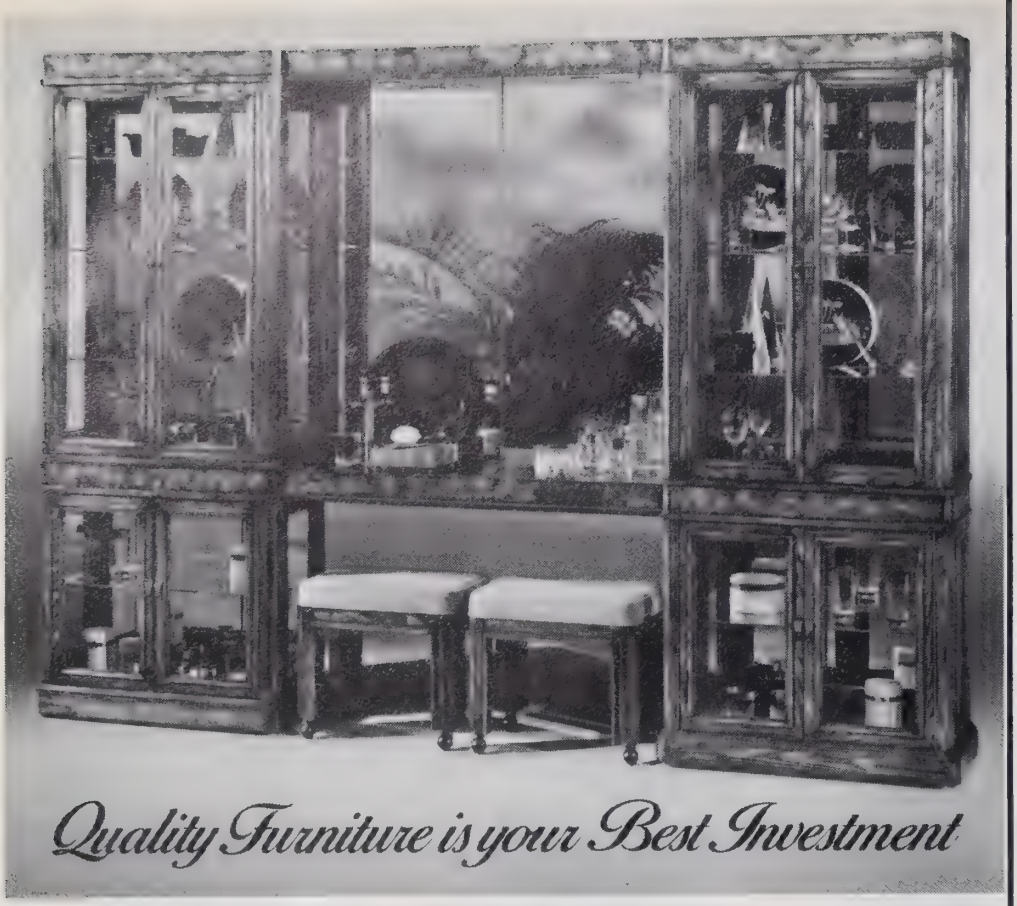

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Ridgeway

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TOO BUSY TO COOK? More than 300 recipes for carefree, kitchen-free cookery are in a 208-page hardbound slow-cooker cookbook from Rival. "Crock-Pot Cooking" offers ideas for appetizers, entrées, desserts, and baked goods that cook all day without being watched. $3.50.

). "MEALTIME MASTERY." New 224-page cookbook contains over 400 recipes tested in the kitchens of the American Dairy Association. The recipes are dairy-based but range from apples to zucchini. Color photographs and concise directions will help boost your confidence in culinary skills. $2.75

11. AN INVITATION TO HAVE FUN . . . "The Bacardi Rum Party Book." Colorful booklet gives recipes for drinks, punches, snacks, and entrées. Such delectables as Confetti Punch, Flaming Shish Kebab, and a traditional favorite, "Hot Rum Toddy." Glossy recipe file cards, too. Bacardi Imports, Inc.

12. "COOKIES, CRACKERS AND CREATIVITY," a booklet containing 22 new recipes, is now available from the Keebler Company. Booklet features all-new recipes using cookies and crackers, ranging from a crunchy Party Mix and a Pecan Sandie Dessert Torte, to a zesty stuffed-pepper dish and luscious cheese soufflé.

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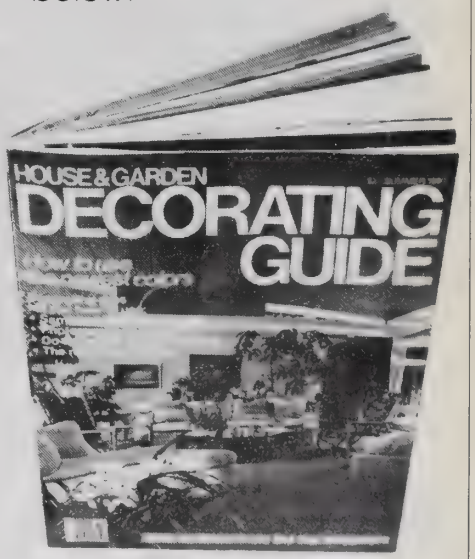

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Remodeling update

continued from page 245

air which, according to the nature of warm air, rises through the air space and pushes out the top vent into the room. When it cools, it sinks and the cycle starts over. When the sun sets, you close the vents and the heat left in the wall radiates through it into the room. The more massive the wall, the more heat it can hold. A frame wall stores virtually nothing; a concrete block wall, its spaces filled with sand, will keep warm all night long.

Solar energy use is the ultimate step in providing your house with a wrapper to make heat and cold act to serve you. That's half the battle for energy conservation; it is probably the hardest half. Ahead lie the other two elements that effect energy use: the systems of the house and the habits of the inhabitants.

■ Shutting the windows at night

An ordinary blind, drawn tight against the sill at night, can give the R-value of a window a little help on a cold night. Insulating curtains can help more, particularly if they are installed tight to the ceiling so that warm air can't edge over the top to be chilled against the cold glass, and tight to the sides so that convection currents can't play ring-around-the-curtain. But as the need for buttoning windows tighter at night becomes apparent, new insulating shades are being invented. Here's a list of some of these new shades:

Window Quilt is a five-layer quilted shade device that can provide an R–4.25 resistance to heat loss when used with double glazing. Mounted on a roller over the window, the shade is guided by tracks mounted on the molding on each side of the window. The tracks block air from circulating behind the shade; the foil in the middle of the quilt reflects heat back into the room, and the cotton batting slows air and heat movement. Quilting is done sonically, so that no holes pierce the fabric. Cost is about $3.75 a square foot. For a list of distributors, write Window Quilt, Appropriate Technology Corp., Box 975, Brattleboro, Vt. 05301.

Insulating Curtain Wall is a shade device designed particularly for use on large expanses of glass. Several layers of metalized reflective fabrics, like those developed for insulation in space, reflect heat back into the room and use trapped air spaces to resist heat loss. The curtain operates automatically. A sensor causes an electric motor to raise the curtain when outside temperatures begin to rise at daybreak and to lower it at night. The automatic system can be overridden manually, or can be reprogrammed to exclude summer heat. Cost is about $7 per square foot, including motor; heat Thermal Technology Corp., P.O. Box 130, Snowmass, Colo. 81654.

The Sunflake window is a window-plus-pocket unit. A single pane of glass occupies the opening. In the pocket is a sliding insulating panel that closes across the glass at night. The whole unit is installed as a window might be, and when closed provides up to R–16 resistance to heat escape, according to the manufacturer. Cost is about $10 per square foot. For information: Sunflake, 625 Goddard Ave., Ignacio, Colo. 81137.

The Seco Thermo-Shade is made up of rigid strips of white PVC plastic, each molded to trap an insulating pocket of dead air. The segments unroll from a spool mounted like a valance over the window, guided by tracks and fastened at the bottom by a neoprene foam cushion. Used with a single pane of glass, the shade provides about R–5. It can be operated manually or automatically, can be used to block summer sun, and also provides a physical barrier to break-ins (a burglar alarm can also be attached). For information: Solar Energy Components, Inc., 212 Welsh Pool Road, Lionville, Pa. 19353.

Beadwall uses the space between two panes of glass for nighttime insulation. A vacuum motor sprays tiny foam beads into the space at night, creating an opaque wall against the cold, and sucks them out again in the morning. The insulating value is R–8 when filled, R–1.5 empty (greater thicknesses can be specially ordered). Cost is about $13 per square foot (the installer supplies the glass). Plans for do-it-yourself installations are also available for $15 per set from Zomeworks, P.O. Box 712, Albuquerque, N. Mex. 97103.

Nightwall flexible magnetic clips are also offered by Zomeworks for use with homemade insulating shutters. A piece of rigid insulation is cut to fit the window, and paper backing is peeled from the magnet to allow it to be stuck to the insulation. Paper backing on the other side of the magnet is then removed and the panel is fitted into the window, transferring a thin steel plate to the window at the exact points where the magnet will strike. The insulation can then be removed and replaced at will. ■

Correction

The artist of a crystal flacon shown on page 16 of the April 1980 issue was incorrectly identified. The piece was made by William Glasner and is available through Contemporary Art Glass Gal-

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