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# House \& Garden 

## In this issue...



Wallace K. Harrison heads the international group now planning the United Nations buildings. In his office is a file filled with ideas Mr . and Mrs. William A. M. Burden collected during ten years for their house, pages 50 to 55 , in Maine. These he incorporated in the plans he made for them.


Hugh Stubbins, Jr., is a consistent winner of national architectural competitions and a man of many talents. Besides teaching at Harvard, he has a multifarious architectural practice including trailers, low-cost housing, theaters, factories, houses. His own house appears on pages 59-63.


Betty Gallagher Ormsby is a House \& Garden alumna (decorating editor for four years). She and Philip Ormsby, her husband, adore country week ends. She heads Macy's decorating dep't (pages 76-79) for which she has done jobs in the United States, Syria, South Africa.


Gordon Drake is a Los Angeles architect who planned the house on pages 98 to 101 as a "mock-up" for an experimental housing group he hopes to build at Phoenix, Arizona. It is keeping him so busy that he has had to forego his chief relaxation-sailing along the Pacific coast.


Horst P. Horst's photographs are so remarkable that three books of them have been published. When he was mustered out of the Army, he returned to Condé Nast Inc., as a photographer, is busy finishing a house near Oyster Bay, Long Island. He photographed the table on page 91.

Contents for February, 1948
on the cover: Another view of the Turner kitchen (page 94) looking toward outer glass-brick wall. Designed for efficiency, this room achieves architectural beauty. Photography by Shulman.

## BUILDING

Building codes vs, building costs.
Mr. Blandings, please note
The William A. M. Burden house $\quad 51.55$
The John Dowdle III house $\quad . \quad 56-58$
The Hugh Stubbins house. 59.6

| Mrs. Warren Delano Robbins' house | $64-67$ |
| :--- | :--- |

What you should know about building materials $\quad 96.97$
The David Presley modular house $\quad 98$-101

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House \& Garden's spyglas
70.71

Ladies at work

An ounce of prevention $\quad$ 74.75
Keep your silver alive.
$\begin{array}{ll}\text { Round-the-clock living room } & 92.93 \\ \text { The George P. Turners' kitchen } & 94.95\end{array}$
$\begin{array}{ll}\text { The George P. Turners' kitchen } & 94-95 \\ \text { Turntable. }\end{array}$

## DECORATION

Good decoration is a good investment $\quad$ 76-79
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An individualist at work $\quad$ 102-103

## GARDENING

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1. Barber: Cello Sonata ; Raya Garbousova, cellist, Erich Itor Kahn, 2. Hindemith: String Quartet No. 4; The Guilet String Quartet. 3. Schubert: Piano Sonata in C Major ; Allegretto in C Minor; Ray Lev, pianist. 4. Ravel: Sonatas for Violin and Cello; Oscar Shumksy, violinist, and 5. Scarlatti: Sonatas for Harpsi5. Scarlattit
chord ; Ralph Kirkpatrick, chordist.
2. Strarinsty. Three Piecs Quartet, Concertine Pieces for String Quartet, Concertino for String Qua
tet; The Gordon String Quartet. tet; The Gordon String Quartet.
3. WV eill: Songs to Poems of $W$ alt T. We elll: Songs to Poems of Walt 8. Haydn: Sonata for Flute and Piano; Rene Le Roy, flutist, and Paul Loyonnet, pianist. 9. American Composers at the Piano: S composer-pianists play their own
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Chamber Darius Milhaud.
5. Dvorak: String Quartet in C Major; Gordon String Quartet. 13. Dello Joio : Trio for Flute, Cello and Piano; Julius Baker, flutist, Hambro, pianist. 14. Couperin:
6. Couperin: Suite du Sixieme
dre; Paul Loyonnet, pianist.
7. Respighi: Violin Sonata in B Minor; Oscar Shumsky, violinist, and Arthur Balsam, pianist.
8. Khatchaturian: Viol in Concerto, Louis Kaufman, violinist, Santa Monica Symphony, conducted by Jacques Rachmilovich.
9. William Schuman: String Quartet No. 3 ; Gordon String Quart
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(Continued on page 15)

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Have a heart in the house. A tilt of the base transforms this gleaming copper planter from a table ornament into a charming wall bracket. It's water-tight, $9^{\prime \prime}$ high, $8^{\prime \prime}$ wide and comes with or without two hardy philodendrons. It's $\$ 5$ unplanted and $\$ 6.50$ planted. Postpaid from Goldfarb's, 160 E. 57 th St., New York 22, N. Y.


A quiet hint to hang on the front door bell during baby's napping hours is a good way to insure slumber undisturbed by the ringing of bells. Of weather-resistant bronze, it can be left outdoors-turned around-when not in use. $15 / \mathrm{s}^{\prime \prime}$ $\times 2^{\prime \prime}, \$ 1 \mathrm{ppd}$. Lamon Studios, 5445 North Lamon Ave., Chicago 30, Illinois.

A firm grip on your roast to hold it steady for easier carving is assured with this double-pronged tool. Such carving aids, until now, have been in the luxury bracket, but this one, made of stainless steel and chrome, costs only $\$ 2.98$ exp. col. from Carson Pirie Scott \& Co., 1 South State Street, Chicago 3, Illinois.


## AROUND <br> 



Treasured cases. Leatherbound and velvet-lined jewel boxes, with swing trays to reveal lower level, are little treasures in themselves. Available in green, blue, red or brown cowhide, with monogram in gold. Larger, $8^{\prime \prime} \times 41 / 2^{\prime \prime}$, is $\$ 12.50$; smaller, $4^{11 / 4^{\prime \prime}} \mathrm{x} 4^{\prime \prime}$, $\$ 7.50$ plus 25 c post. Dale Fifth Ave., 719 Fifth Ave., N. Y. 22.

Tea timer. A lavish pattern of flowers, masques, scrolls and crowns encircles the perforated bowl and climbs the handle of this fanciful Florentine silver tea strainer, $5^{\prime \prime}$ long. It makes a lovely addition to the tray for afternoon tea or club gatherings. $\$ 1.60$ post paid from Harriet Sherry, 874 Third Ave., New York 22, N. Y.

Wedding invitations sug. gest presents, and one of the most original ideas for a present incorporates the use of the invitation itself. Return it to the bride permanently preserved on a wastebasket or $13^{\prime \prime}$ tray. Of metal in antique white finish with gold trim, each is $\$ 8.25 \mathrm{ppd}$. Send invitations to Page \& Biddle, Haverford, Pa.


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this beautiful repioduction of an Oid English Silver iray. it embodies true Sheffield design, Tray with a delicately embossed center, fluted size edge and heavy Chippendale cutout bor-
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(Continued on page 27)

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＂Just wait until you see the new CHROMCRAFT dinettes！ They＇re the smartest，gayest，most colorful you＇ve ever laid eyes on．As glamorous as a magazine ad．CHROMCRAFT dinette sets surely are＂Good News＂for drab kitchens．＂


Its smart design；colorful，decorated linen－pattern top；sparkling chrome and pastel upholstery will add new charm and beauty to any kitchen or dining alcove．And many wonderful CHROMCRAFT features insure years and years of service．A stainless，porcelain enamel top－mar and scratch resistant！ Highest quality steel tubing，superbly chrome plated ．．．long－wearing，all－plastic upholstery that＇s highly stain，fade and burn resistant．And CHROMCRAFT＇s ＂Feather Touch＂slide that provides easy opening of the table top to $44^{\prime \prime} \times 40^{\prime \prime}$


Available in red，green，blue and tan．Priced for your budget，too． At furniture and department stores everywhere．

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Cuff links-large monogrammed disks about one inch in diameter, with gadroon bor-ders-are just as smart for a lady's tailored blouse as they are for her husband's shirt. Of sterling silver or sterling gold-plated, they are $\$ 10.85$ a pair. Tie clip to match, $\$ 5.50$ tax incl., ppd. Terry Falk, P. O. Box 698, Woodmere, Long Island, New York.

Tray shelf with gracefully curved edges, made of sparkling Plexiglas, is an attractive, useful accessory to a modern bath or dressing room. Use it to keep make-up, shaving things, perfume and other knickknacks out of the way-but handy when you need them. $171 / 2^{\prime \prime} \times 51 / 2^{\prime \prime}$, $\$ 6.50$ postpaid from S-L Products, Box 197, Tenafly, N. J.

Add a section or two to this adaptable plant stand. Sections hinge together and can be adjusted at any angle to fit into a corner, flat against a wall or arranged into an alcove grouping. In white, pink or turquoise, height is $34^{\prime \prime}$. 2-section stand, \$10; 3section, $\$ 15 ; 4$-section, $\$ 20$. Exp. col. Dale Joyce, Box 14, New Hyde Pk., New York.


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By a nose, and what a nose, dangles a youngster's toothbrush. Hanging next to the wash basin as a cute bathroom fixture, the Naughty Puppet with his funny face will provide plenty of merriment at going-to-bed and getting-up time. $9^{\prime \prime}$ high, he is $\$ 1.50$ (without toothbrush) ppd. Norman's, 416 Mill St.. Bristol. Pa.


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Disk grippers prevent wavering due to records slipping on the turntable and insure smoother sound quality even if disks are slightly warped. Die-cut to show title, traction mats fit over the label of any standard record. Box of 20 is $\$ 1$ postpaid from Dynamic, 1926 Broadway, New York 23.


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This black corrugated rubber mat with white lettering will add a distinctive touch to your home entrance. You can have your name address, or any inscription you prefer, Maximum II letters per line -3 lines only. Mat $18^{\prime \prime} \times 30^{\prime \prime} \times 1 / 4^{\prime \prime}$ thick, with perforated border White letters $3^{\prime \prime}$ high.
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## Side by side on the table sat."

Pert and saucy you an see, but -tequm hiver peaceful as can be though one's filled with pepper and the other with salt.
If you don't love them 't isn't their fault. Clean, shiny red and blue patterned pottery! the pair $\$ 3.85$ pestpaid
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## These lightweight, durable clothes bas-

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At your next party or family gettogether, play DRAGON'S TEETH the first new game sensation in years! Combines surprise, suspense, strategy, chuckles and chance.
And talk about scoring! The colorful Dragon's "teeth"- a unique feature-are the scoring units. The "teeth" fit into playing pieces... and how guests howl playing pieces.. "and how guests thowl" the "teeth" vanish into thin air. And then
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If cap-lifters were people here is the suave, smooth-talk ing gentleman with spats. Sleek, simple lines give this distinguished appearing, wellbalanced character a number one rating in social circles. Of heavy solid bronze, $\$ 2.50$ postpaid from the Knapp Foundry Company, Inc., Guilford, Conn.

Made to measure one level tablespoon of coffee with every $1 / 4$ twist of the knob, this dispenser is a handy thing to own, particularly for people whose coffee-making success or failure is quite unpredictable due to inaccurate measuring. Canister is of glass, preserves flavor, holds about a pound. $\$ 1$ ppd. Miles Kimball Co., 100 Bond Street, Oshkosh, Wis.

The Plug-In makes an ACDC electric razor portable. Use it when dressing before dinner, in the backwoods, boating, farm week ending, in office or car. A long-lasting miniature power plant, it takes up just $121 / 2^{\prime \prime}$ $x 11 / 2^{\prime \prime}$ worth of space, has a built-in mirror. $\$ 2.95$ plus 20 c post. Hammacher Schlemmer, 145 East 57th St., New York 22.


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Hangs down $22^{\circ}$ from grown-up level-asy for moll fry to hang up own clothes. Doubles closed and safe. Cannot be pulled down. Can also be used on single hook.

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or valentine's Day, or any special occasion for that matter. what could be a sweeter thought than a heartful of Lebkuchen? Made of fine ingredientsnuts, fruits, macaroon pastewrapped in cellophane and packed in a tin box that will keep them fresh. $27 \mathrm{oz} ., \$ 3.45$ ppd. Paula, 1087 St. Nicholas Ave., New York 32.

Pixie pocketbook, probably the tiniest purse in captivity, holds change, a bill or two and driver's license. Attached is a key ring with a real Canadian penny for good luck. In natural pigskin or red, green, black or brown morocco-grain goatskin, $\$ 2$; gold kid, $\$ 2.50$ tax incl. and post. Lady Warwick, 791 Madison Ave., N. Y. 21.

Tag it to be sure you'll see your umbrella, luggage, brief case, golf bag, keys or license again. Set of four different sized indentification markers, of weather-proof unbreakable plastic, comes in brown or colors. The price including postage is $\$ 1.50$ from M. C. Flynn, 43 East 59th Street, New York 22, New York.


Little of' BUCKET of CHOC'LIT DROPS
Here's a quaint, old-fashioned wooden
bucket, brim-full of delicious, cream bucket, brim-full of delicious, cream center, grandma chocolate drops. Wonderful for parties and bridge prizes - and the bucket's a clever flower pot or dandy decoration after you've enjoyed the candy. No COD's. POSTPAID, ONLY
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Distinetive cast aluminum markers in black flat surface. They are $1 / 8^{\prime \prime}$ thick, about $16^{\prime \prime}$ long. and the lefters are $21 /{ }^{\prime \prime} \mathrm{high}$. Letters not ettached to silhouette. Any design postpaid. Add 20 c fors or numbers, $\$ 5.00$ more than -subtract 20 C for each one less than 6.
Sign will be mounted on a white board (as shown lower right) for $\$ 2.50$. Bracket from which to hang board, $\mathbf{3 3 . 5 0}$. Please designate design wanted, and print name

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## COLONIAL ANDIRONS

Add a rustic touch to your fireplace with these handsome, heavy figures of George Washington. Just like the antique pair from which they were patterned. Finished in black, weigh 10 lbs., stand $14 \frac{1}{2} 2^{\text {si }}$ high. Prico- $\$ 15.00$ per pair, freight collect. Iron frog doorstop also available, green or black, 5 lbs ., \$3.00, freight collect. Subject to price change.
E. L. LANAHAN

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HOME-MADE DOLLS have an irrealstlble appeni all their own-perhaps because

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Corn Huak Dolls and Animals; Apple Crandma: Doll-House Dolls ; Princess
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120 Greenwleh ${ }^{\text {St. }}$, 120 Greenwleh St.

## 路 <br> 

SHOPPING

Freshly-ground beans are a prime requisite in the making of coffee to a perfectionist's taste. You can have them easily at home with a modern grinder which adjusts from a coarse to fine grind. Made of aluminum, plain or in red or black enamel finish with wood base and knob handle. $9^{\prime \prime}$ high, $\$ 7.95$ plus 25 c postage from The Post Mart 230 E. 78 St., N. Y. 21.

For salt and pepper, Hump-ty-Dumpty before his fall and after . . . slightly broken up about it, should cheer even the grumpiest breakfaster. The three-piece set of highly glazed pottery, colored in soft beiges and black is $\$ 2.50 \mathrm{ppd}$. Should another fall occur any one of the three parts can be replaced. Verard's, 1610 York Ave., N. Y.

From Peiping and just as Chinese as it can be, this family group is an interesting addition to any doll collection. Handmade, well-dressed and braced with wire to enable them to stand upright. Father is about $71 / 2^{\prime \prime}$ tall, set of four is $\$ 4.50$ ppd. from Baker's Importers, 1517 Walnut St., Philadelphia 2, Penna.


## KNEASER - $_{\text {the the }}^{\text {Thets }}$ stool

An old foot stool idea with a modern slant-added comfort. It places support where it is needed-under the knees-when legs are straight or bended . . . tucks under a chair. easy to carry around . . . good looking. Optional finishes-maple, cherry, mahogany or pine. $\$ 11.00$ Express Collect

No C. O. D.'s
GYFCO, Seuth Woodstock, Vermen


## AROUND



To hang indoors or mount on a post outdoors, this lantern is ideal. Finished in black and brass, it's $111 / 2^{\prime \prime}$ tall. $25^{\prime \prime}$ chain can be adjusted depending on amount of light needed and height of ceiling. Takes up to 200 W . bulb. Specify ceiling or post type. $\$ 9.95$, ppd. Sun Valley Metalcraft Co., 40 Sun Valley Dr., Concord, Cal.

Inside a closet door 48 ties can hang together in heavenly order on this wellconstructed tie rack made of 15 selected native American woods finely inlaid and laminated. The prongs move individually so that one tie can be picked out without disturbing the others. $221 / 2^{\prime \prime} \times 23 / 8^{\prime \prime}$, $\$ 7.95$ ppd. Kovax Products, 230 Fifth Ave., N. Y. 1.


Tulip handles of silvery metal curl around the edges of this copper dish, and the combination of metals is very effective, indeed. A distinctive piece, expertly handcrafted, it is fine for gift giving or to keep at home for candy, nuts or cards. $7^{\prime \prime}$ in diameter, 85.50 ppd . from Paines of Boston, 81 Arlington St., Boston 16, Mass.

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Ah and you"ll love this clover knick-knack shaff. Made by hand of plywood, and sold oither singly or in malchot pairb, waring meple stoin-tion paintod white enamel background with matching trim in blue ored nname
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| TABLE OF FUEL SAVINGS BY |
| :--- | :--- |
| LOWERING NIGHT TEMPERATURES |


| City | Average <br> Winfer <br> Temperafure | Percent of soving by <br> lowering night temper－ <br> afures <br> 8 hrs． | for： <br> fors． |
| :--- | :---: | :---: | :---: |
| ATLANTA | 50.1 | 16.16 | 24.24 |
| BALTIMORE | 45.5 | 13.12 | 19.68 |
| BOSTON | 42.7 | 11.84 | 17.76 |
| BUFFALO | 40.1 | 10.80 | 16.20 |
| CHICAGO | 40.0 | 10.72 | 16.08 |
| CLEVELAND | 41.9 | 11.44 | 17.16 |
| DENVER | 43.1 | 12.00 | 18.00 |
| DES MOINES | 40.2 | 10.82 | 16.44 |
| DETROIT | 40.9 | 11.12 | 16.68 |
| MILWAUKEE | 38.8 | 10.40 | 15.60 |
| MINNEAPOLIS | 36.2 | 9.60 | 14.40 |
| NEW YORK CITY | 43.8 | 12.32 | 18.48 |
| PHILADELPHIA | 44.8 | 12.88 | 19.32 |
| PITTSBURGH | 42.4 | 11.68 | 17.52 |
| ST．LOUIS | 45.3 | 12.96 | 19.44 |
| SALT LAKE CITY | 42.5 | 11.76 | 17.64 |
| SAN FRANCISCO | 55.3 | 21.92 | 33.28 |
| SEATTLE | 50.9 | 16.80 | 25.20 |

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12
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North of the Border cross the northern borders of Vermont, New Hampshire and Maine lies a land of romance, still colored by the nationality of its early explorers, Cartier, Champlain and Frontenac-French Canada, with its quaint villages, wayside shrines, old world cities, its rivers and mountains.

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Wonderful new General Electric Dishwasher washes dishes sparkling clean automatically. They dry in their own heat!


1. What a break for busy housewives-never to have to wash and dry dishes again. Just put everything-china, glassware, silver-right into the Dishwasher. Stationary|racks hold them safely. Enough space for a whole day's dishes for a family of four . . . will do pots and pans, too.

2. After adding the detergent (not soap), you simply close the cover and turn a switch. The Dishwasher is now at work, getting each piece cleaner than you could by hand. Your job is done -you're free-to do whatever you choose.

3. Without any attention from you, each piece in the Dishwasher is thoroughly cleaned and scoured by the hot water and detergent. Only the water moves - not the dishes. They stay firmly in the racks. Then...

4. Automatically, the dish water drains out. And -automatically-the dishes are given tuo rinses in clear, steaming hot water. They are now sparkling clean, hygienically clean . . . cleaner than you could get them by hand!

5. Now see the sparkling results. Automatically, the second rinse water has drained out, the lid pops open letting both dishes and Dishwasher dry in their own heat! Yes, the job is done-perfectly-in the time it takes to do your nails.

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1. Dishwasher, without cabinet, for installation in your own kitchen work surface. 2. As a separate appliance in a cabinet of its own ( 24 inches wide).
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*Can be equipped with Disposall (General Elec. tric's registered trade-mark for its food-waste disposal appliance) - the marvelous electrical helper that gets rid of food waste down the kitchen drain.

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Pleces from the open-stock Olde-Salem Group

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WRITE today for new booklets showing Drexel Furniture in attractive room settings: "18th Century Traditional", 26 pages; 10c. "Procedent", 27 pages in full color of Drexel's new modern furniture; 25 c . Address 572 Huffman Road, Drexel, N. C.

It's like turning the pages of a romantic New England story book to walk into an Olde-Salem furnished room. For every one of these magnificent solid mahogany masterpieces reflects the quaint, nostalgic charm of gracious Salem in the eighteenth century. Yet every piece is also designed to meet today's needs. Interiors are dust-protected, drawers operate smoothly and all surfaces are easy to dust, easy to keep lastingly beautiful. Plan to own a room like this by buying one piece now . . . adding others later. Leading department and furniture stores are showing open-stock Olde-Salem. Look for the "by Drexel" seal-the brand mark of superior craftsmanship.

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## DREKER - NORTM EREOLIMA

# House \& Garden <br> looks at 

## Building codes vs. building costs

Because of political inertia, ignorance, and widespread improbity, local building codes often mulet the public. Originally conceived as a protection, the sad fact is that your house could be equally safe, strong, and convenient AT LESS COST if these codes were brought up-to-date.

No one objects to the cost of having the walls of his house built strong enough. However, if the law requires that they be built too strong, it is an economic waste. The matter of structural strength is not one of guesswork. It has been established as an extremely exact engineering science on which there is no argument. Yet the people of Detroit seem to think that they weigh more on the average than people in New York, for their code requires much stronger floors to keep them from falling through into the basement. Since New York people DO NOT fall through into their basements, the good burghers of Detroit are paying for unnecessarily strong construction.

The building laws of Kansas City are written with provisions that would indicate that fire burns more fiercely there than in St. Louis!

The same inconsistencies go through the 2000 -odd building codes to which a large proportion of the construction in this country must conform. Provisions for fire safety, sanitation, strength, and elimination of physical hazards vary enormously. Authorities have estimated that from 5 to 20 per cent of the cost of building could be saved by standardization of building codes.

Competent testing laboratories such as the National Bureau of Standards, the Forest Products Laboratory, the American Society for Testing Materials, and the Underwriter's Laboratory, publish reports of their findings as well as standard test procedures. These agencies, together with the Building Code Correlating Committee of the American Standards Association and the trade associations, are developing standards for quality and construction practices that can be used in the preparation of a building code.

Any interested citizen can put into motion the machinery that is necessary to correct the wastefulness of his local building code. Citizens' committees, men's and women's clubs, fraternal organizations, the local Chamber of Commerce, and other established groups offer a starting point for united action. The participation of architects, builders, engineers, and other professionals in any such effort is obviously desirable.

The place to start is right down at City Hall. The sooner any group, intent on doing something about the local code, becomes familiar with the corridors leading to the council chamber, the offices of the mayor and the building department, the sooner progress will be made. Abundant material is listed under the title of Publications Relating to the Preparation and Revision of Building Laws, available from the Construction Division, Dept, of Commerce, Washington 25, D. C. You have only yourself to blame if you don't fight for your rights.

# MR. BLANDINGS, please note... 

If you plan intelligently, you can build a house
which will suit you down to the ground, on the budget you set for yourself

It is dangerous to generalize about plans, or make large and airy statements that one kind of house is "good," another "bad," a third "suitable for a GI." If the house fits its family comfortably, and gives them contentment and pride, it is a good house. The most successful house is almost always an extension of the personalities of the people who live in it.

The houses on the pages which follow are real, lived-in houses, closely tied to the tastes and ways of their owners. The range is so wide that you will almost certainly find ideas here which fit into your own plan, ideas which will inspire you when you begin to catalog your own building requirements.

The plan is the clue to how the house works. Although the William A. M. Burden house at Northeast Harbor, Maine (which happily escaped last autumn's devastating
fire), is used only in summer, a study of its skillful arrangements for comfort quickly reveals that it would be excellent for year-round use. For those who like traditional design, informal living and modern comforts, the plan of Mr. and Mrs. John Dowdle III's house in Connecticut (see page 56) is packed with ideas. Because her house is flexibly planned for parties, Mrs. Warren Delano Robbins of Washington, D. C., faces the servant shortage with equanimity (page 64). The largest part of the ground floor is arranged in two big rooms, admirable for cocktail parties or teas; her own rooms upstairs are sufficiently compact to be easily cared for by one maid. The David Presleys' new house, in Los Angeles (page 98) is the first experiment with a modular system of construction, which uses ten standard basic units. With them you can plan a great variety of houses. Architect Hugh Stubbins' house in Lexington, Massachusetts (page 59 ) is an excellent lesson in realistic planning. The architect started by diagramming the living requirements of his family, then drew plans to conform to the outline, concentrated on the-most-house-for-the-least-money ( $\$ 8.50$ per square foot). Because so many of our readers are building or remodeling, we present a quiz on building terms (page 121). We like to think that Mr. Blandings, of dream-house fame, would have avoided many pitfalls if he had boned up on the material which we publish in this House \& Garden.

Opposite:
Romantic portrait of a modern house. The young New Zealand artist, Felix Kelly, whose nostalgic paintings of houses have gained him a growing reputation in England and the United States, painted this portrait of Mr. and Mrs. William A. M. Burden's house at Northeast Harbor, Maine, designed by architects Harrison, Fouilhoux \& Abramovitz.



The plan of the house, fluid as the sea it fronts, disposes living areas around a protected, inshore courtyard.

Facing the sea are the living and dining rooms and the Burdens' bedroom (their children and guests live in small separate houses). To the landward runs a long service wing and at the back is a playroom. The Burdens collected ideas for the house for ten years.



T
of the shore on which the house stands. Its wide windows curve


Here, in the living room, is the nucleus of ten years' planning and collecting of ideas. Cabinets which serve the daily life of the family are concealed in walls of pecky cypress. (These storage units are never seen exrept when they are in use.) Back of the red birch dining table, designed and carved by sculptor Isamu Noguchi, is a closet (1) where all the table linens are kept on the upper shelves; silver on the sliding shelves below. A cupboard (2) gives access to glass and china storage space and serves as a passway to the pantry on the other side of the wall. The table can be set and cleared with a minimum of effort and disturbance

2. China and glass cupboard to people sitting in the living area. As
you go from dining to living area,

you descend three steps; small evergreens mark the division. Book shelves back the long sofa, fitted to the curve of the wall. The lighting throughout the Burden house is supplied by pin-point spots, directed strategi cally. The
3. Telephone cupboard telephone ( concealed small compartment. Newspapers (4) are kept in a flat drawer, slide under the large couch.
Record and radio-phonograph are concealed by a flush door beside the fireplace.
4. Drawer for newspapers

Firewood is in a passway (5) so it can be
stacked directly from out-of-doors. Above the fireplace is a painting by Marsden Hartley. Fabrics and living room chairs are
 by Hans Knoll; dining room chairs by Charles Eames. The house was designed by Harrison, Fouilhoux \& Abramovitz who worked from a file of ideas collected by Mr. and Mrs. Burden. (For construction data, see page 130.)


White painted brick alternates with wrought iron grillwork to enliven Mr. and Mrs. Dowdle's Connecticut house

## 

 which archly hides a modern, multi-purpose plan behind an exterior that is reminiscent of English Regency. The property of Mr. and Mrs. John Dowdle III, it was adapted from a Japanese teahouse by Rodgers Associates, and decorated by Ruby Ross Wood, Inc.Newly married, and with no place to call their own, Mr. and Mrs. Dowdle solved their living problem by turning a Japanese teahouse on her mother's Greenwich, Connecticut estate into a home. But in doing this they found themselves faced with a second problem: how to include the facilities necessary to a present-day household under the not too spacious confines of their teahouse roof. This they answered by devoting the greater part of the space to one large room in which they live, eat, sleep and entertain, except in summer when they also make use of an adjoining terrace. In order to achieve an uncluttered effect, the furniture in their main room is required to do double-duty whenever
possible. A large, low sofa. consisting of a foam rubber mattress mounted on $6^{\prime \prime}$ wheels, becomes a double bed at night; a black lacquered table ( 3 feet square when closed and $3 \times 6$ feet when opened) is used for both meals and games; and the bookcase wall includes roomy cupboards for glass, china and linen storage. Necessary to the Dowdles' way of life is a place to relax with their friends; thus one of the most important but least obtrusive pieces of furniture is a sleek, long chest, neutral in color like the wall behind it, which opens to reveal a complete bar, divided into four working areas for bottles, glasses, storage and mixing. (For the building materials which effected this transformation turn to page 130.)


THE COMPACT PLAN behind a traditional exterior is modern in that it opens up the inside of the house, and combines all the necessary functions for contemporary living with an effect of spaciousness. This is achieved by allowing one main room to serve as many purposes as possible, and by requiring the furniture to do double-duty,


APPROPRIATELY LACY is the dining terrace with its white iron furniture and chair cushions of watermelon pink.


THE dining-GAMing table, black lacquered, faces the terrace doors, amply curtained in pinky-beige silk tweed.

You can get a lot of pleasant living into very little space


STRIATED PLASTER WALLS, painted beige, and a mantel of beige travertine (Italian stone) back a fireplace group with deep lounge chairs, slipcovered in bitter green and white "bamboo blind" chintz by James Reynolds.


THE L-SHAPED DRESSING ROOM has a built-in dressing table in one corner, flanked by large closets and mirrors.


MODERN MAPLE CHEST holds bar equipment; it has areas for bottles, glasses, storage and mixing.


COLORFUL CHINTZ CURTAINS, designed by Atlantaborn Harvey Smith, accent the compact, white kitchen.


A good house means better living, and dis one of Hugh Stubbins, Jr., Massachusetts architect, proves it. Big enough for a family of five, it was built in 1946-1947 at the low cost of $\$ 8.50$ a square foot; the plan is direct, the materials simple, the construction uncomplicated. Instead of an arbitrary set of rooms, the house has space for informal family living.

LTiving in the country has always appealed to the Stubbins d family, but when they found a five-acre tract of heavily wooded land in Lexington, Massachusetts, just 20 minutes from Mr. Stubbins' office at Harvard University, the issue was decided. Faced with the choice of buying or building, Mr. Stubbins designed the house shown on these five pages. Its spaciousness belies its cost; ease of living is embodied in its forthright plan. Designed to be flexible in use, it anticipates the future with
demountable partitions in the children's wing. An economically built rectangle, the house has three major parts analyzed in a diagrammatic drawing by Mr. Stubbins on the following page. Native oak and pine have been retained to screen the house from two roads cornering the property. View of entrance, above, shows covered walk between garage and house. Retaining walls afford four separate terraces, tie house to hillside. (For a list of building materials and equipment see page 130.)

## The plan grew

## from a diagram

 of family needs

WHITE LINE indicates contour of hill which permits two full stories at slope


TTo arrive at the best possible plan solution for his house in Lexington, architect Stubbins diagrammed exactly what he considered that his family of two adults and three children would need, and how these particular requirements should relate to each other. Instead of preparing a detailed list, he made the above sketch, a graphic picture revealing at a glance what the family wanted and how they wanted it to work. As a result, the plan logically divided into three main parts, each with its own entrance: 1) the kitchen as the center of activity surrounded by indoor and outdoor space for living, dining and entertaining; 2) a study-playroom for the children close to their bedrooms;
3) a separate studio-drafting room for Mr. Stubbins' work, accessible from the house and from outside. A fourth area, the master bedroom, is at the center of all three; but the main entrance occupies a pivotal position to the whole house. This careful plotting of family needs and their inter-relation suggested the final plan arrangement at right. Other considerations influencing the plan were: location of house on the gentle slope, position of shade trees, orientation for sun and solar heat. Also a factor was the stringent need for economy achieved through simple structure and careful selection of materials. You can see how nearly the house approximates $\mathbf{M r}$. Stubbins' original sketch.


Flexible plan makes the house

## easy to run, pleasant to live in


living area. Mr. and Mrs. Stubbins and their daughter Patricia relax before fireplace of stone from the property. Position of free-standing fireplace and coat closet (center background) suggest divisions between living, dining and entrance areas. During large parties the whole space ( 24 by 24 feet) is used as one. Sliding glass panel at right opens living room to garden. Windows at left are of the master bedroom and children's rooms. Furniture is by architect.

INDOOR GARDEN is an extension of Mrs, Stubhins' flower bed. The fish net curtain diffuses daylight; another, solid curtain is drawn when desired,


CHILDREN'S ROOMS showing sugar pine walls of their bedrooms. Partitions were installed after floor and ceiling were finished to permit future rearrangement of space at minimum cost.

storage wall separates kitchen and dining area. Glass and china cabinet, suspended from ceiling by steel rods, opens to both rooms with sliding Masonite doors. Teakwood pass-counter (see section through wall) effects easy transfer of dishes to dining table. An additional work area, the sliding shelf also doubles as bread board and chopping surface. Drawers are for silver. Marble counter next to range is resistant to heat; serves as pastry board. Opposite end of kitchen has compact laundry and table for between-meal snacks.


MASTER BEDROOM. Built-in wardrobe and drawers at left have recessed lighting above them. Small opening at left of desk is telephone passway from living room.

dining space is hidden from living area by fireplace wall, right, from entrance by coat closet, left. Sliding glass panel to dining terrace is shown open. Plexiglas panels of pass-through to kitchen were rubbed with steel wool to make them translucent. Floor is dark gray slate, waxed.

## Setting for a cosmopolitan collection,

 this French manoir in Washington was built for Mrs. Warren Delano Robbins, widow of the late United States Minister to Canada. Former decorator of U. S. embassies and legations, Mrs. Robbins combines with a sure hand the furniture and bibelots acquired in many posts and lands.In her 25 years as the wife of an American diplomat, . Mrs. Warren Delano Robbins opened and closed 33 different houses in eight countries. Each, in turn, had to be converted into a suitable background for private living and official entertaining. (It was on account of this wide experience that the State Department, in the 1930's, put her in charge of decorating many of our Latin-American embassies.) As they moved from post to post, the Robbins inevitably acquired furniture. Friends who knew of Mrs. Robbins' interest in objets d'art gave her special pieces for her collection. When, a few years ago, she decided to live in Washington, D. C., she asked Thomas Tileston Waterman, an expert in restoring early buildings, to design a
house for her. It had to be fairly small (Mrs. Robbins' three children are married) yet have plenty of room for entertaining. For a large party, double doors open up the living and dining rooms to the entrance hall, permitting guests to move about freely. The dining room serves as an auxiliary salon for such occasions. In summer, parties overflow to the terrace. Because she lives alone, Mrs. Robbins wished to have her maid's room on the same floor as her own. Her personal activities, such as letter-writing or reading, are carried on in the cozy library upstairs. On the ground floor, a 10 -foot ceiling, plain walls painted French gray, and shining, waxed parquetry lend special distinction to her house. (Building details on page 131.)


MRS. Robbins' house, designed by Thomas T. Waterman, shows proportionally large space allotted to entertaining. Since the ground floor rooms have high ceilings and Mrs. Robbins wanted "a cozy library," it was placed upstairs in the mansard.


## F

Furniture collected in eight countries over 25 years
finds its ideal setting
in this Washington house


MRS, ROBBINS at home in Washington. The tapestry behind her, which was used to decorate successive legations, was inherited from her Argentinian mother. The Chinese-vase lamps are heirlooms of the Robbins family.
french furniture in the living room is in tones of blue, yellow and oyster-white, Its colors are echoed in blue-gray curtains and an Aubusson rug by the fireplace. On either side are Mrs, Robbins' jade and Battersea-box collections.

bleached-blue damask, an embroidered Guatemalan altar-front, sepia etch ings, a black lacquer commode lend quiet formality to Mrs. Robbins' bedroom.


THE DINING ROOM has a yellow love-seat, occasional chairs and a table that retracts to a smaller circle when additional space is needed for large entertainments.


THE UPSTAIRS LIBRARY has the friendly charm of books and copper and brass ornaments. Walls are French-gray, the sofa is pumpkin.


THE ENTRANCE HALL, 18 feet square, allows extra party space. The iron banister is of old French design.

TAPESTRY at the end of the living room makes a backdrop for the blue brocade sofa, needlepoint armchairs, Chinese lamps and screen made out of painted Tibetan panels. Fine Oriental rugs are scattered over the polished parquet floor.


the front door of the shingled barn remodeled by Mr. and Mrs. Waters
 was remodeled by Mr. and Mrs. Spencer Waters into a beguiling cottage facing a terrace which looks out to sea. A long living-dining room, which dominates the ground floor, and three master bedrooms are fitted into the old structure. Mrs. Elizabeth George Haven decorated the house.

The shingles of the old barn which Mr. and Mrs. Waters made into a refreshing, hospitable house, have turned silver-gray in the salt air of Long Island. They are admirably set off by the clear white of the exterior trim, broad lawns and gardens which emerged from a former potato patch. But the chief charm of the house today is found in the common room. One end of it centers around an antique pine mantel, the other end is a combination dining-and-sitting room flanked by French Provincial benches covered in a Chinoiserie chintz. Curtains are hung within the pine window frames. There is a
small bed-sitting room for guests on the ground floor. Two other master bedrooms have been deftly fitted into the upstairs which was once the hay loft. The success of the house stems from the fact that Mr. and Mrs. Waters knew exactly what they wanted: plenty of undivided living room with a broad view of the sea, pleasant bedrooms, plenty of bathrooms (there are three for the family, one for the maid). They also waited, and found for their decoration mellow furniture, traditional in design, countrified in spirit, old woodwork and new chintzes. (Plan of the Waters' house, page 133; building data page 131)


CUEST BED-SITTING ROOM has walls of willow green, touched off by lacquer reds. Beds fit concisely into a corner, form a daytime sofa.

the entrance hall is like a leafy arbor with green-and-white wallpaper running up onto the ceiling. The chairs are Biedermeier.

DINING AND LIVING ENDS of the big downstairs room, once the main sweep of the barn. French Provincial and Early American furniture is set against a background of lucid, elegant color taken from the panels of French wallpaper on a tall screen which shields the dining alcove, above, from the fireplace end of the room, right.



John piper's set for the benjamin britten opera "lucretia," produced at glyndebourne


PIPER'S DÉCOR FOR "OEDIPUS REX"; BOTH SKETCHES ARE NOW AT THE BUCHHOLZ GALLERY

House \& Garden's
SPYGLASS $_{\text {foumes on ... }}$

## MUSIC

There's a dazzling new voice at the Metropolitan this season, one brilliant in texture, and enormous in range and volume. It belongs to Cloe Elmo, an Italian mezzo-soprano, who, with a minimum of advance publicity, made her American operatic debut in Il Trovatore this November, electrifying critics and public alike. As Azucena she acts with a violence that might reduce even a prizefighter to breathlessness, yet keeps her miraculous vocal mechanism functioning steadily and at a level of intensity reminiscent of another great Italian singer, Caruso. ... The Ballet Society in New York has just presented its members with a new lyric drama, Far Harbour, which, if it follows the history of its predecessor, Gian-Carlo Menotti's The Medium, may soon be snapped up by a Broadway producer. The work of two young men, William Archibald who wrote the book, and Baldwin Bergesen who wrote the music, it projects the age-old theme of mother-son relationship within a fanciful framework, pitting the possessiveness of the mother against the magnetic lure of a mermaid. . . . This month, in a series of three Town Hall concerts, Wanda Landowska, high priestess of harpsichord players, will perform with her loving, consummate skill, the whole of Bach's Well Tempered Clavichord. . . . In the same month pianist George Chavehavadze will return to Carnegie Hall, the scene of his overwhelming triumph last season, to give his second concert there; his audience will want to hear, at least as an encore, his arrangement of de Falla's El Amor Brujo.

## ART...

Opposite: John Piper's evocative gouache sketches for the stage capture the feeling of an epoch and a style with minimum technical mannerisms. On view at the Buchholz Gallery, they are a main attraction of one of the month's most distinguished exhibitions. Piper, who is one of the big three of English art, shares Moore's and Sutherland's somberness but has, if anything, more grandeur. As he interprets them, the glacier-scratched rocks on a Welsh heath look as old as the world and London's great buildings under a black fog as portentous as any Piranesi. . . Johannes Schiefer is painting less like Dufy and more like himself. His shorthand accounts of the Vermont landscape (at Carstairs' Gallery) are in unexpected, often exciting color, the sturdier oils every bit as poetic as the water-colors. . . . English Leonora Carrington has borrowed a surrealist leaf out of Breughel, notably his composite animals and sense of genial bustle. The miniature Witches' Sabbath she stages on the walls of the Pierre Matisse Gallery is full of gay color and comings and goings about nothing. . . . Gladys Robinson, wife of movie-badman Edward G., (Continued on page 145)

"neighbourly advice" by leonora carrington



MRS. DRAYTON COCHRAN loves to take care of her fine old furniture, uses
) the new mitts which have a plain side for applying wax, a fuzzy one for polishing.

## LADIES AT WORK

They do a great part of their own housekeeping and find that they enjoy it

Good maids, always scarce, have by now almost reached the vanishing point with results recorded in the very typical pictures on these pages. Ladies everywhere, whether they've been trained to it or not, are taking over the actual business of housework. And a young generation is growing up expecting to do its own housework and to like it. Their daily chores are lightened owing to cleaning-equipment cupboards and kitchens filled with excellent mechanical devices. Being well organized people the five ladies on these pages run their houses on timetables: a day for the silver, a day for the vacuuming, etc. In this way they are never confronted on the morning of a party with a cleaning job to add to the complications of cooking dinner. Because they keep up with their households, the old nightmare of spring and autumn housecleaning has become vestigial. Aside from changing their furniture into and out of slipcovers and packing away certain possessions at certain times, it amounts to no great upheaval. By giving a few, specific hours each day to their housework, they are all five of them able to keep up with the other interests in their lives, see their friends and to go out as much as they want.


MRS. JOHN MARQUAND, JR. has an apartment in a remodeled brownstone near New York's East River. She keeps its floors in beautiful condition with one of the new, lightweight electric waxers, does a very professional job with little effort.


MRS. CASS CANFIELD, JR. finds it pleasantest to polish the silver in the living room of her three-room, New York apartment, then carry it back to the kitchen on a tray for a final washing and rinsing. This is a once-a-week chore for her.


COUNTESS FRANCOIS DE ROSE who lives in New York because her husband is attached to the United Nations, has discovered that an excellent way to care for her piano and make sure moths do not eat its hammer pads, is to vacuum it regularly.


MRS. CURZON TAYLOR runs her four-room apartment and a career (she is a partner in a shop which custom-makes children's clothes) with equal efficiency. Once a week she vacuums her living room carpet when she comes home in the afternoon.

# An ounce of prevention 

## You're not getting the most out of your house if you have to slave to keep it in trim

Tloday's definition of a good housekeeper isn't a bit like yesterday's. The good housekeeper of 1948 uses her head to save her time. She plans her house so it won't demand a 60 -hour week of dusting and polishing, scrubbing and mopping. She sacrifices nothing in the way of charm and prettiness and she manages to stay charming and relaxed in her outlook on life.

How she accomplishes all this is no mystery, When she shops for furniture and materials and wall coverings, she demands that they look and work well. And they do work for her, by staying bright indefinitely with a negligible amount of effort on her part.

On the opposite page, House \& Garden presents nine materials distinguished alike for their looks and their performance. They are adaptable to any style of decoration, as well suited to Eighteenth-Century Colonial as to Twen-tieth-Century Frank Lloyd Wright. Here's how they work:

## 1. modern finishes on furniture:

This piece of a table top looks like any fine mahogany. It is easier to care for, however, because of its several coatings of modern lacquer. These new lacquers not only give
a deeper, more lustrous finish to the furniture but also have a much greater resistance to water spotting, heat, scratching and marring than did the old lacquers. Thus, chemical research laboratories, working with furniture makers such as Drexel Furniture Company (which furnished this wood sample), are producing improvements which mean less housework for you. Furniture so finished, if kept dusted and polished occasionally, will need far less attention. It might be mentioned here, too, that present-day furniture waxes are better, harder, more lasting.

## 2. PRACTICAL, TEXTURED PLYWOOD:

Here is a decorative striated plywood, called Weldtex, made for either interior or exterior use by United States Plywood Corporation. Completely adaptable to curved or straight surfaces, small or large areas, Weldtex combines the strength and durability of modern plywoods with the easy upkeep of any good wood properly finished to begin with. Once installed and stained or painted and waxed, a Weldtex interior wall, for example, needs only dusting or vacuuming with one of the extension attachments on your vacuum. Once in a long while it (Continued on page 138)

Opposite: Nine of today's easy-upkeep materials which simplify housekeeping

1. Modern lacquers for furniture give more protection, require less care. 2. Strong, workable plywood, Weldtex, has a striated surface, is practical and decorative. 3. Impervious to weather changes, Celaloom curtains do not'sag or shrink. 4. Glastron lamp shades, made of Fiberglas, give good light, stand long use. 5. Washable, stain-defying Sanitas wall coverings will reinforce your walls. 6 . Kentile is a strong floor covering which resists all stains. 7. Indoors or out, all-plastic Duran is a rugged, leather-like upholstery material you can wash. 8. Vinylite plastic in electronically quilted design, for upholstery. 9. Made by a thermo-plastic process fusing colors, paper and resins, Varlar is a stain-proof wall covering.


# GOOD DECORATION is a GOOD INVESTMENT 

## This New York apartment more than paid for itself

The luxury of fine decoration has its practical side: your house or apartment is demonstrably more valuable if it is well decorated. The proof of this point appears on these pages. Here is a small New York duplex apartment in a building constructed by the City Investing Corporation, a large New York company, whose business is concerned with real estate. They commissioned Macy's to decorate it for them. Betty Gallagher Ormsby, who is the head of the store's Decorating Department, used many notable antiques, interesting materials (from Scalamandré Silks, Morton Sundour, Jofa and others) and effective modern color schemes. That the decorating expenditure was justified is a matter of record-the apartment was sold almost overnight.


Fresh as paint, the rooms have a lived-in look

THE DINING ROOM, above and opposite, opens onto a terrace, by glass doors hung with cabbage roses (the material was designed by Macy's). Fresh, outdoor colors lend brightness to a room with a northern exposure. The acid olive green of the walls and putty of the carpet flow through into the adjoining living room. The furniture is English Regency; the console has a gilded scroll and mirror-paneled base and a handsome white marble top.

in the living room, walls repeat the acid green of the dining room, floor is carpeted with the same putty gray, a good device to gain a sense of space and serenity. The furniture is a blending of English Regency, Empire and contemporary styles in mahogany, rosewood, black lacquer, pine and gilt. Empire lamps flank the overscaled sof a, covered with bourette matching the walls. Curtains are silk taffeta.

Nice detail gives the apartment a friendly air


IN THE HALL., French fashion prints with lime-and-white striped mats, framed in pickled pine, are grouped on pale blue walls over a mahogany chest.

in the foyer, a small Provincial table holds a French antique copper water font, filled with rhododendron branches set in an arched niche.


IN THE BED-SITTING ROOM, a slipper chair in the Victorian fashion is upholstered in crisp green-and-white gingham.


Washable paper lines a closet


Varlar paper in linen closet

Upstairs there are two bedrooms,
a number of commodious closets

The advantage of a duplex apartment is that the living rooms are downstairs, the bedrooms upstairs. The bed-sitting room for guests, right, is distinguished by the repetition of the green-and-white patterned chintz. It is hung straight and full at the windows over eyelet-embroidered glass curtains, and appears again, this time quilted on a sofa which is really a bed. Pale yellow walls and ceiling go well with a shaggy, hemlock-green rug. White lamps have book-binding linen shades, brass student lamp is antique, as are the desk and desk chair.


KEnTEs\%


THE MASTER BEDROOM is painted water blue; its glass curtains, of dressmaker silk shantung, hang from a scalloped valance covered with a narrow stripe repeated in the curtains. Bed headboards are upholstered in bourette, closely tufted. The flowered chintz in delft and petunia blues on a ground of Canton blue-white, introduces pattern into this quiet room and is set off by the white cotton rug.


The fine points
Colonial Americans took to Mr. Chippendale on sight, made good use of his ideas in their own furniture. It is this dual heritage that gives us the familiar details you see here of the Kling furniture opposite.

## TRADITION, PLUS-

TThe pleasant bedroom, opposite, makes an impertant point for you who prefer traditional design, yet ask that your décor be individual, expressing something of yourself. This room, based on the dignified, familiar beauty of fine American Colonial furniture, has been given a personal signature by inspired color harmonies and unhackneyed accessories. To label such furniture "traditional" tends to shadow the fact that it has more than tradition to account for its lasting appeal. Chippendale, from whom it stems, turned to timeless, universal art for his symmetries, his details such as the curving lines and scrolls, the chamfered turnings, the flutes and fine pediments. His impeccable skill in transposing them to his furniture certainly ranks with any other reason for the enduring success of
his styles. Eighteenth-Century Americans, especially Philadelphians, were quick to admire and adapt his designs for themselves and for us, too. Thus you see here pieces which are today's lineal descendants, made of solid mahogany. Chosen for good scale, they are neither elaborate nor over-simplified. Very new is the blending of two House \& Garden colors, atmospheric blue and turquoise, with touches of a third, banana yellow, for accent. The black and gold Victorian chairs, rosewood table, épergne and lamp lend individuality. You can see the Kling Colonial furniture at Woodward \& Lothrop, Washington, D. C. ; Hudson's, Detroit ; Barker Bros., Los Angeles, and other stores listed on page 134, with prices and further details about this crisp, young, feminine bedroom.


In a flowery, feminine bedroom, frosty white, blue and water-clear turquoise set the scene
for traditional mahogany furniture by Kling.


## Flower pots need not be dull


on stairs a variety of pots is desirable

To those who indulge in the pleasant practice of pot-gardening, the deadly sameness of our ordinary red, unglazed commercial flower pots, be-
low left, is an annoyance. They are useful,
 easy to stack and not expensive, yet their uniform shapes become monotonous when assembled in quantity around, say, a pool or ranged up a flight of garden stairs or clustered at POTS FOR walls the end of a paved terrace or in the indoor winter plant window.
A survey of the pot-making industry discloses that, so pressing is the demand for the ordinary kinds by florists and commercial growers and so great the shortage, the prospect for more pleasing and different shapes is poor indeed. Here and there a potter with imagination may turn out a few for local consumption. These the motorist can be watching for. Of glazed pots quite a variety is available-but the designer's imagination is often too fanciful to suit serious amateur gardeners. His pots don't look like pots. A geranium sprouting from the anatomy of a highly glazed elephant or a Dutch sabot is just too whimsical to have around the house or garden. They suffer from objectionable cuteness.

Now that we can travel again, gardeners will become pot-collectors. England furnishes a square bulb pan as a relief to our circular types. In France and Mediterranean countries can be found a great variety of pots in both red and yellow clay, lower right, with flared tops and edges crimped like a pie, or plain. Sometimes the pot itself is scratched with a crude decorative hatching.

bulb pans Hanging wall pots, above left, oblong and oval, are made in Portugal. They can be planted in a number of charming ways. In the various Caribbean islands a little searching will turn up crude. rustic plant containers with several openings from which an assortment of flowers can grow, much in the way we plant strawberry jars. Mexican markets are a good hunting ground for pots to set on the ground or hang. Doubtless the Scandinavian countries offer a relief to our machinemade uniform shapes. Whether or not Russia has gone pot-conscious, we are unable to testify, but the Far East has been making unusual and pleasing shapes for centuries. Often these pots are
 french not found along the ordinary lanes of travel. You have to ask where potters work or search native markets. Curious shapes lurk in antique stores.

## Opposite:

## HOUSE \& GARDEN PRINT NO. 4

In 1832, the first establishment for the commercial growing of seed in the United States, begun at Philadelphia by David Landreth, issued its Floral Magazine \& Botanical Repository, with lithographed color plates from drawings by American artists. This picture of amaryllis is one of many contained in the book. It is shown here by courtesy of The New York Botanical Garden.


# Make a view for your room 

The vista-cutter unrolls the distant scene for those hedged in by trees
BY ALBERT F. WINSLOW

Pcople used to screen their houses with trees. But trees grow tall and wide, and in a few years they become less a screen than a wall, shutting you in. You will never regret taking nature in hand and "cutting out" a view. The house on the knoll has a mag. nificent view : beyond a wall of trees lies a long, bluegreen lake, its waters shimmering lazily in the sunlight; from its edges mountains rise softly, dipping into folds and rising higher. It took three days to achieve the view above-three days of trimming, pruning and cutting down trees. Each cut was made with the ultimate vista in mind. Three days before, the sweep of mountains and lake had lain behind a wall of trees. Now their beauty is revealed.

There are four kinds of vistas: the first is planted, like the alley of trees, opposite, below; the second is the "over-type," a panorama like the one above; the third, the "under-type," lets you look under or through the lowest limbs of your trees; the fourth is the "object-type" which needs a focal point of interest, a building, a mountain top, a tree. To make any one of the four, you need knowledge and a discerning eye. The vista-cutter succeeds only if the final results look perfectly natural. No cuts should show. The line of vision shouldn't be even; nature doesn't grow that way. First evaluate what you have. Determine which are your best trees, examine their condition and decide on the ultimate height you want before you begin cutting.


IN THREE DAYS, by judiciously cutting, topping and shaping 84 trees, Mr. Winslow uncovered this panorama of lake and distant hills which had been obstructed by rampant growth. He directed the cutting of branches using a walkie-talkie beamed to a forester located on far trees.

Like the water colorist, your first strike must be right. You can't put a branch back on a tree, once it's off, or replace a tree, except at considerable expense. The best way to work is with field glasses and a walkietalkie. Sometimes the view-planner and the man with the saw will be more than a mile apart. The man with the saw jiggles a branch. "No," the man with the glasses answers over the walkie-talkie, "not that one; the next one to your right is the one to take off."

The view above is the result of cutting, topping and shaping 84 trees. A wall was erased by dropping many of the trees 22 feet to bring the lake in view. All cuts were made on the side away from the house so that even a trained eye cannot see them. Nothing harsh remained. The tip of a telephone pole was screened, year round, by planting a healthy evergreen. When it was finished, the vista had an air of softness, the trees in the foreground sloping gently upward at either end of the view. Their neighbors were cut to different heights, to look natural. Several feature trees were left as they stood, to break up any horizontal lines. A definite "don't" in cutting out a
view is: never create a flat look. It is an immediate record that the job is man-made. Misshapen boughs don't necessarily have to be lopped off. Knotty old branches have a character of their own, silhouetted against the sun. The vista-cutter knows how to get the most from tree bolors,
the glossy blue-green of pines, the darker green of hemlocks, the variety of hues in deciduous trees. Autumn colors are most mag. nificent set off by the greens and blues of the fir, hemlock and other evergreens. The midwinter view can be as lovely as the summer view. What was once an impassable wall is turned into a decorative year-round picture.

a planned Vista of matched trees, in the French manner, leads the eye to the farther garden reaches.

## GARDENINC centinsed



## You don't need sun to grow a carpet of flowers

BY CERTRUDE T. BURNHAM

If there is a portion of your property that presents a probtem because it is shady, your firat thought may well be to Heat of few dreen to a few hundred Pachysandra serminalis ar lapanese spurge. Much as the snake plant, Sansevieria, is A Finture of the indoor garden, the Japanese apurge occupies f many out-of-dowre spots to the exclusion of interesting plant पyationial that is not difficult to grow. Pachysandra terminalis weed nor the the beginning and the terminal af our gardens.

## Thenc are many alernatives.

The following long-lived perennials are chosen for theit attrective flowers, foliage or fruit. They will establish themselves if the moil is loamy and somewhat moist. Select
them for shady places under trees, in shrub borders or for narrow strips along garage walls. All are landworthy. With the exception of violets, none will become rampant, nor will they require spraying for inseets, staking or winter protection. They are plants for husy people.

Before you decide which you may want for gour gar-
dent, make several visits to local nurseries and gardens to get
sdiviee, to study the plants while they are blooming and also go heter to see if they look suitable to you after flowering. If the comment "no summer foliage" appears in the description, the foliage of ferns or that of the late perennials mentioned may be placed t10. (Continued on page 1.51)

yeliow violist


BLIND GENTIAN

pink ladyslippti

# DOES LANDSGAPING PAY? 

## It pays to work to a plan


#### Abstract

Last month, apropos of gardens for small properties, House \& Garden stated that one of the best possible investments was in a well-thought-out plan made by an expert gardener. So much do the problems of scals and appropriateness enter into the perfection of a small garden that amateurs, lacking this skill, can be saved many a costly mistake. If this is true of small places, it is increasingly true where several acres are to be landscaped. Although a professional plan may, at first, seem to set limitations on the owner, and hobble him in his gardening aspirations, it is just as well that those limits be set and those hobbles applied. Eventually he will be thankful for them. They make for ease of gardening. Once the structure of a garden is set up-trees and shrubbery planted, paths laid-then within that pattern he is free to plant as he wills. If it is a rose garden, he chooses the varieties that appeal to him and grow best in his location. If a mixed flower border, he has a wide range of choice in perennials and annuals.


## It pays to engage a landscape gardener

Shortage of labor and high wages are a problem facing all garden owners. Where the place is small, the owner does most of the work; where large, the tendency is to lower the standard of upkeep or even abandon some parts. These questions of maintenance are always explored by the landscape architect in making a plan. For the structure of the garden he purposely uses material which requires the minimum of upkeep. He is also apt to discourage the owner from making too large a garden. Moreover, the purpose of a plan is to develop the house and the grounds around it as a unit. Without a well-studied scheme, an amateur's efforts may result in unrelated dibs and dabs which require more work to maintain than he has calculated for. He may let his enthusiasm for strange and difficult plants run away with his pocketbook. Better a few things grown well than an assortment grown poorly. Better the right kind of shrubs around the house foundation than a job-lot of cheap and quick-growing evergreens which, within a few years, will cut off light and air from the first story windows.

## It pays to consider re-sale value

Recently, House \& Garden conducted a survey among real estate operators as to the added value given a property by well-landscaped grounds. First we asked, "Do good planting and gardens around a house add to its resale value?" Of the 137 who answered, 135 definitely answered "yes." Our next question was, "How much percentage do you believe they add?" Twenty-five said $10 \%$, ten said $71 / 2 \%$; five, $16 \%$, iwo said $30 \%$, two calculated $50 \%$. The average was $12.9 \%$. Their comments varied: "Good planting and landscaping are so important that they cannot be measured in dollars and cents."..."It is the essence of a livable home and brings out and high lights the desirable features."..."When one does an attractive but not too expensive job, he gets his money back plus a premium."..."The added value is substantially more than the cost of planting and landscaping, and almost absolutely essential in the salability of a home."...


TOM Leomamd

## POPLARS IN THE WIND

The towering columnar shape in which Lombardy poplars grow makes them excellent trees to give height to an otherwise fairly flat garden. Planted with high-growing shrubbery, they can screen undesirable views. Especially effective in a light wind that rustles their foliage, they furnish action to an otherwise peaceful garden. These three purposes they serve in the pool garden at "The Meadows," country place of Mr. Robert F. Hubbard at Cazenovia, New York.

# KEEP YOUR SILVER ALIVE 

## The more you use it, the easier it is to keep silver at its best

You've heard it said that pearls stay "alive" and at their lustrous best only if you wear them often. This may be more fantasy than fact, but there is no doubt at all that your silver not only grows more beautiful with use but requires far less care. In this practical era, it is nice to know that something as precious as silver really thrives under an active, serviceable life, and will repay you with a minimum upkeep. Since you may be the one to keep your silver in condition, in these days of the vanishing American maid, why not make cleaning it as easy and pleasant for yourself as you possibly can?

Like any other regular domestic chore, the care of silver should be routine. It should be kept as airtight as possible, either in silver drawers or special chests lined with tarnishresistant fabric, or you may keep it in treated bags, cloths or tissue which guard against tarnish. One of the best such cloths is impreg. nated with a silver compound which draws to itself the tarnishing properties in the atmosphere while allowing little if any to penetrate to the silver. Silver itself is a "noble" metal, resistant to chemical change. The tarnish comes primarily with the chemical reaction between sulphuric compounds in the air and the fraction of copper used in silver to harden it- 75 parts of copper to 1,000 of silver, under sterling reg.

WOOD LILY STERLING, FRANK SMITH SILVER COMPANY

ulations. Salt, salt air speed tarnish; so do winter's smoke, steam heat, leakage from gas heating systems. Sulphurous foods, such as eggs, and the acids in vinegar and mayonnaise will stain. Another foe of silver is rubber. Never place your pieces on a rubber mat, or close a silver bag with a rubber band.

Tarnish is easier to control if it is cleaned away in its early stages. This is why regular use of your silver, with the friction inevitable in handling and washing, acts as a tarnish deterrent. You are also apt to discover any blemishes such as white spots or clouding, which should be cleaned at once. The deeper the tarnish, the harder it is to remove. A piece of sterling which has become thoroughly blackened usually has to be sent to a shop for re-polishing.

The daily regime for silver is simple. Try to rotate your pieces, so that each has its turn in use, just as you rotate your linens. This keeps each article bright and also evens the patina, that luster which years of use and care give to silver. So valuable is this patina that antique silver is cleaned only by hand, to preserve the effect. By rotating your flatware you may have a pleasant surprise: it will stay so bright you may never have to give it an intensive polishing.

As soon as possible after a meal, wash your silver in hot, (Cont'd on page 141)

## Opposite:

turnabout on a breakfast table: instead of light linens, a cloth of darkly glowing charcoal purple is foil for silver, crystal and boldly patterned pottery. Breakfast in this country dining room is continuous-you serve yourself whenever you come downstairs. Wood Lily silver, $\$ 27.75$ a six-piece place setting (with tax), Bailey, Banks \& Biddle, Philadelphia. "El Rosa" Della-Ware pottery plates (Fisher Bruce \& Co.), $\$ 14.40$ a dozen, John Wanamaker, Philadelphia. Mexican glasses, 35 cents each, Fred Leigh-




When you remodel a farmhouse, turn kitchen and parlor into one large room

Round-the-clock

## LIVING ROOM

## Plan: modern

Furniture: traditional
Color: spirited

7. UPHOLSTERED ROCKING CHAIR
you who like the informality of country life, even part of the year, will be following a sensible and time-hallowed tradition if you make your kitchen the hub of your house. The room on these pages is a combination kitchen-dining room-living room and incidentally a study, too. It is modern as to plan and is furnished in a warm, friendly and very American fashion. The key to its atmosphere is the Stickley Cherry Valley Collection furniture. This is shaped by custom, vigorous in design, and graceful. The wood of each piece is handsomely finished and has a patina which suggests years of loving care. All of it is comfortable and easy to live with, which is why it fits so pleasantly into life today, just as its forerunners fitted into the life of Colonial America. It has been evolved from early pieces to suit you as the earlier pieces were evolved to suit your forebears.


1. large gate-leg table 2. armchairs

2. end tables 4. love seat 5. coffee table 6. armchairs

The plan and furniture. The dinieng suop, (1) and
(2), is in a bow window. End tables (3) flank a love seat (4) which is focal center of the living-room area. In front of it is a coffee table (5) and, opposite, two easy chairs (6). The rocker (7) can be drawn into the conversation group. Nearby is a desk (8). Three cupboard bases (9) are lined up to form a counter below open glass shelves which separate dining and kitchen areas. The Stickley Cherry Valley Collection furniture is at W. A. Hathaway Co., New York, Jordan Marsh Co., Boston, and Rich's, Inc. in Atlanta. For a list of other stores, prices of the furniture and information about the upholstery, carpet, used here, turn to page 143.

## A COOLING UNIT

## is the core of this kitchen

(tatistics show that the average woman spends one third of her time in the kitchen. Yet George $\mathbf{P}$. Turner, kitchen designer, was the first to devote 33 per cent of his house in La Canada, California, to this room. The core of the Turner kitchen is a cooling unit which serves: (1) a refrigerator room complete with freezer and a meat rail large enough to hang a whole side of beef; a refrigerator for day-to-day use over the corner work counter; (2) three spigots at the bar-sink for ice water, beer and soda; the ice-cube cubby-hole beyond and a smaller refrigerator for wines and appetizers. Because its multiple storage possibilities permit them to stock food in quantity, this installation, says Mr. Turner, pays its maintenance. For names of manufacturers of this kitchen equipment, turn to page 150.


Floor plan of the kitchen. Because Mr. Turner is tall and Mrs. Turner is not, work surfaces are of varying heights. A glass-walled dining area is beyond the breakfast bar.


# What every prospective home owner should know about Building Materials 

To assist you and your architect in the preparation of the design of your house and to help you clarify your own preferences in building materials, the following outline has been prepared. Check the items that you want to make notes about (or those that suggest queries you want to have answered by your architect, contractor and engineer). Points to be considered are: 1. The efficiency with which a material performs what it is expected to do. 2. Appearance, which may involve color, texture, size of units. 3. The cost of the product itself, and of its installation. 4. Maintenance cost. 5. Availability of local materials. 6. Assistance by a manufacturer's representative during installation, and the availability of a local service organization for replacement or repair. 7. Resistance to fire, elements, ordinary wear and tear.

## Foundations

In low or wet ground, foundations must be waterproofed on the outside. The bottom of the foundation must be below the maximum depth to which the earth will freeze in winter. It is also a wise precaution to have open-tile drains, placed around the outside of the foundation walls, to carry away any water that may collect.POURED CONCRETE. This type of foundation wall is probably the most expensive and the strongest wall that can be built.CONCRETE BLOCKS. These make a perfectly acceptable foundation at somewhat less cost than poured concrete. Must be laid in good mortar.stone. Porous stone such as sandstone or stone containing mica should not be used. In many localities, native limestone makes a good foundation.Brick. Hard-burned brick, set in good mortar, makes a firm foundation and is low in cost, in localities where brick is plentiful.

## Structural Shell

Many architects, builders and engineers have worked on the idea of using large panels for the walls, ceilings, partitions and roof of a house. These panels are intended to carry the structural responsibility of enclosing the house, but at the same time have been visualized as completely finished on the inside and outside. Because in many cases these panels are still largely experimental, they are omitted and only the conventional types are listed, for use alone or in combination.WOOD STUDS, JOISTS AND Rafters. Most widely used type of framing. New method of pre-cutting eliminates much of site labor.LIGHT steel framing. Structural members allow the attachment of finish materials in various ways. They are non-inflammable and strong.LOAD-bEARING MASONRY. Cinder block, concrete block, stone, hollow clay tile and brick all have to be stripped on the inside to receive finish and thermal insulation. They are fireproof. May require damp-proofing.

## Exterior Finish

Many traditional architectural styles can be satisfactorily built with any of a number of exterior surfacing materials. Others must have definite colors, textures and materials to preserve their architectural character. A house in the modern style can be built of a traditional material such as field stone, but a Cotswold cottage or Normandy farmhouse cannot suitably be faced with plywood: A Spanish hacienda cannot be built of clapboards, nor a Seventeenth-Century New England Colonial be made of stucco. Your choice of style will influence the materials to be used for authentic spirit.

$\square$Clapboards, siding or wood shingles. At periodic intervals, these require painting, staining or oiling, depending upon the type of wood used.

portland cement stucco. Properly applied over masonry or frame, this is an excellent material presenting a fireproof, weatherproof exterior surface requiring a minimum of maintenance. Failures in stucco walls are caused by poor installations.

$\square$masonry veneer. Brick and stone may be used as facing over any type of shell to give the effect of a solid masonry wall, at considerable saving.PAINTED MASONRY. Both solid masonry and masonry veneer may be painted with various coatings made specially for the purpose. This type of treatment creates interesting effects, but requires maintenance.asbestos shingles. These are fireproof, and new types are impermeable to stains and dirt.
$\square$ asphalt shingles. Low in cost, they have good life expectancy. Fire-resistant although flammable. Are suitable where cost is a major factor in building.

## Interior Walls and Ceilings

Go over your prospective house, room by room, to get ideas for the type of interior finish that you want. The widely different uses to which rooms of a house are put demand different types of wall finishes. Nothing in a house is so important to its appearance, use and maintenance as the walls and ceilings of the rooms.Plaster on metal or gypsum lath. A fireproof, versatile finish. This surface can be tinted, painted, wallpapered, covered with fabrics and treated in various other ways. It is the most used of all interior finishes.gypsum board. This is placed in 4 -foot panels. With modern methods of hiding the joints it produces a surface similar to regular plaster. Good fire resistance. $\square$ wood paneling. Solid wood for traditional interiors and plywood for modern interiors introduces the warmth and character that is unique to wood.tile. Ceramic wall tile, metal and plaster tile have the common characteristics of interesting texture because of the joints and suitability to locations where sanitary properties are desirable (as in the kitchen, laundry and bathroom). Also used decoratively.
$\square$ acoustic materials. In the form of both tile and plaster, these are available in types which are attractive as well as having the added property of noise-quieting.

$\square$
other panel materials. Various pre-finished materials which are erected in panels of large areas have distinctive properties. Among these are various fiberboard, metals, porcelain enamel and structural glass.

## Finish Flooring

The sub-floor or base must be suitable to receive the type of finish flooring which is to be installed. Moisture is the enemy of many types of finish flooring. Rigidity and levelness are invariably imperative in the sub-floor.

$\square$wood. Hard woods such as oak, maple, birch and beech, and soft woods such as Southern yellow-pine, hemlock and cypress are commonly used in interiors. Some of these are available in factory pre-finishes, or are sealed, varnished, shellacked, stained or waxed after laying. Heartwood of cypress, redwood and white oak is suitable for porches or out-door floors.linoleum. This is resilient, easily cleaned. Available in many colors and qualities.asphalt tile. An economical, resilient and longlived flooring material laid in tile form, available in a wide range of colors. Light in weight.rubber tile. Colorful, resilient and easy to keep clean with mild cleaning compounds.CORK TILE. Warm, quiet and resilient. Three tones of brown may be mixed or selected for single color.ceramic tile. Many sizes, shapes and colors allow a wide range of design effects. It is not affected by water or cleaning compounds. It (Continued on page 114)

## This house is the sum of its modular parts

Basic parts
THE FEWER IN NUMBER the basic parts, the simpler the construction problems. Simplified, mass-produced version of Presley house, opposite, could be built from sections below (numbers indicate how many of each is, needed) planned to a common measure (module) and interchangeable.


FEWER WORKMEN are needed to put up this sort of house. Architect estimates it will take two laborers 30 days; one plumber 3 days; one painter 4 days; one electrician 3 days; two roofers 2 days. Same crew building additional houses will cut the time as operations become familiar.


PLAN FOR MASS-PRODUCED HOUSE evolved from plan of experimental house, is drawn on graph paper to indicate how four-foot modular units divide the house into construction units. It has one less bathroom and fewer built-in features, but is basically the same as Presley house.




THE EXPERIMENTAL house turns its back to a steep hillside, opens its living rooms up to a view over the city. Garage is at left, divided from a terrace by a high wooden fence.

## Modular units are the hasis of a house buit sas woxtioge eperiment

 in order to develop plans practical for mass-housing. Architect Gordon Drake designed it for Mr. and Mrs. David Presley of Los Angeles, California, using prefabricated panels wherever possible. The advantages of this system include the economies which result from easy, speedy construction and the flexibility of the plans you can have when you use interchangeable parts.Building query Number 1: Can America's housing headaches be cured by American mass production? Can the houses that you and so many of your friends need desperately be ground out in factories, shipped, put up in a matter of days, cost a reasonable amount and not look like cracker boxes? Gordon Drake, a young Los Angeles architect, so strongly believes they can, that he built the house on these pages as a try-out. The final answer is perhaps not here (a great deal will have to happen before any real solution can be reached). But the house is worth studying both on its own merits and as a strong straw in the wind.

Like an enormous number of young Americans in 1946, Mr. and Mrs. David Presley were looking for the kind
of house which Mr. Drake feels is our prime need today. Chiefly it should be (1) easy to build (2) have a minimum number of parts, all interchangeable (3) be able to grow as the family grows (4) have the plan they want (5) be average-priced. That house did not exist then and does not exist now, but they built the house you see on these pages to explore the chances of making it a reality. Parts of the Presley house are of prefabricated "modular" wooden panels. (Module means measure. When the Greeks were still building their temples of wood, they realized that much building waste could be eliminated if everybody decided on a basic measure so that the parts of a building could bear a definite relation to each other.) For materials and equipment data on this house, see page 132 .
house a carders house a carders
BLUEPRINTS

FOR TODAY

100 PRESLEY HOUSE continued

## Fitted snugly into its hillside,

the house has two terraces

A BANK OF WINDOWS opens living room and study to panoramic view of Los Angeles; master bedroom has small terrace; an outdoor living room is tucked into the slope of the lot, by the entrance. Guest bathroom, set economically next to master bath, is across the hall from study-bedroom. Kitchen is placed so it is only a few steps from the dining table.


TERRACE OFF BEDROOM, perched on a ledge overlooking the city below, is shaded against full sun by wide roof overhang. One of the glass panels slides open on metal tracks. Small top windows open readily.
outdoor living room has low-slung chairs by Van Keppel-Green, accented with exotic plants. Above wall of glass panels, a ribbon of windows adds light, ventilation.

Rooms open into each other, are light, airy

beside the fireplace is a built-in couch which turns its back on the entrance, looks out toward the view. A radio is set into the natural birch wall beside it; record player forms near arm of couch. The colors are autumnal: red-brown, terra cotta, sand, gray-blue and the natural tones of blond wood.


THE DINING-ROOM TABLE is in the living room but placed so it is right next door to passageway given over to linen, china, glass, silver. Kitchen is just beyond. View can be seen from the table through continuous bands of casement windows, under wide overhang which eliminates glare from the sun.

built-in cabinets line one wall of the bedroom Three quarters of adjacent wall is devoted to glass panels through which you see the small terrace to east.


THE STUDY is a continuation of the living room; it can be shut off and used as a second bedroom, even has its own bathroom across the hall. The couch-bed is built-in.

shulman
LONG VIEW through the living room showing how adjoining study lengthens it, the panels which can screen it off.


PRINTS OF OLD LONDON were made into photomurals for the walls of the waiting room

## AN INDIVIDUALIST AT WORK

His office succinctly mirrors his business: public relations

facing the desk is a fireplace with a Colonial mantel, flanked by a pair of tall, dark red leather armchairs,

When Benjamin Sonnenberg leased the late Harry Payne Whitney's Park Avenue office in New York, he bought Mr. Whitney's massive oak desk and surrounded it with old English furniture which he had been collecting for years. His preferences for dark backgrounds, red and green leather and brass and copper were taken into consideration by Dorothy Draper, who decorated the offices. Mr. Sonnenberg is puzzled that many American business men furnish their houses with the best of everything, yet fail to surround their business lives with any comparable degree of elegance. The plan of Mr. Sonnenberg's office appears on page 142.

## Opposite:

as adviser to large corporations, Mr. Sonnenberg wanted his office to breathe an air of taste and stability, to which his Eighteenth-Century antiques contribute admirably. Walls are forest green above a paneled dado; telephones stand on a fine old mahogany wine cooler. There are always flowers in every one of the rooms.



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$\qquad$
$\qquad$


Palm and fir are banked on the old oven in Mrs. Higgins' glassed-in dining porch. Table arrangement is of mullein and dried hydrangeas.

## You can have

## BOUQUETS ALL WINTER

During the green months, you can store up the makings of bouquets against winter, as a chipmunk stores butternuts. Watch the fields and hedgerows for branches and berries, grasses and seedpods. General rules to follow: (1) cut anything from sumach to mullein as it is approaching, not passing, its prime. (2) Dry them head down. Tie bunches with string and suspend them from door knobs, light fixtures or whatever's handy. Exception: lay mullein plants out flat but do not press them or they will lose their texture. (3) Dry material away from the light in a cool, dry place. (4) Put no water in your containers when you make arrangements. Much plant material will keep its color three to four months. A specialist in creating unusual, dried bouquets is Mrs. Charles F. Higgins of Wilmington, Delaware, a committee member of the Garden Club of America. Frequently she has as many as 40 bouquets in her house at one time (you see some of them on this page). She particularly loves mullein, ivy whose leaves have been made shiny with oil, dried hydrangea heads, cranberries and fruit, cut open to show the seeds. These she puts in hurricane lamps.


Mullein plants, which stay fresh for months, combined with Lowestoft.


Hurricane lamp filled with cranberries, green peppers, limes and ivy.



TTHE exciting Nu-Hue Color Bar puts 1000 colors right at your fingertips. Now you can have in your home exactly the color scheme you want. Now it's easy to find the matching, contrasting or harmonizing shade for nearly any color sample. For the 1000 Nu -Hue custom colors are systematically displayed in transparent color charts and on individual $3^{\prime \prime} \times 5^{\prime \prime}$ color cards. It takes only a minute to make your selection. What's more, there's no guesswork in mixing, no disappointment. Nu-Hue colors are machine-

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## MARTIN-SENOUR'S



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## GREENHOUSE CALENDAR

February boosts the value of every F square foot under glass. Propagating benches are filled with cuttings from greenhouse plants and flowers, and flats are filled with seedlings of later greenhouse material.

Then comes along a spring day with the sudden realization it is time to sow seeds immediately. The ones which ordinarily take a while to come up will germinate promptly if $80^{\circ}$ of bottom heat is given; but a good, steady bottom heat of $60^{\circ}$ will bring a high percentage of germination to most seeds and provide ample material to set out later in the season.

After the seeds are up, damping off may become troublesome. Damping off seems to be checked by sand, so it is well to sift a layer of sand over a flat after seeding. Should fungus develop in a seedling flat, it ean frequently be halted by 20 to 30 drops of for maldehyde to a gallon of water. Fresh air and sunshine are natural enemies of damping off since it arises from a moist, damp, close atmosphere. So let's keep the greenhouse glass clean, give as much ventilation at all times as is possible, and supply plenty of water whenever it is needed. A safer medium for the germination of seeds is mica.

## - New Hampshire Personalities

## JAMES F. O'NEIL

James F. O'Neil, popular Chief of Police of Manchester, New Hampshire, has been recently elected National Commander of The American Legion. Having enlisted at 17, he saw service on the Mexican border and then spent 19 months in front line action during World War I as a combat infantryman in France. He rose rapidly through the ranks to sergeantmajor and was commissioned on the field of battle.

In World War II, following his efforts to enlist, the Government preferred his service as a civilian and he became special assistant to John L. Sullivan, then assistant Secretary of Navy for Air, now Secretary of the Navy. In the Southwest Pacific Theater, O'Neil was with the invasion forces, Third Fleet, when the initial strike was made at Japan and was with the occupation forces.

O'Neil is a member of President Truman's Amnesty Board, the Uniform Crime Commission and is Chairman of the New Hampshire Aeronautics Commission. He is a charter member of The American Legion and one of the founders of Henry J. Sweeney Post 2, Manchester, New Hampshire. He has also been extremely active in the Legion's nation-wide Junior Baseball program. The New Hampshire and Granite State Fire Insurance Companies salute him as a friend of 1 ong standing.


all-metal, self-storing combination


## GREENHOUSE CALENDAR

continued from page 107

Crop
February $\begin{array}{cc}\text { Subsequent } \\ \text { operation } & \begin{array}{c}\text { Time of } \\ \text { maturity }\end{array}\end{array}$

Notes operation

| Gladiolus | Plant $2^{\prime \prime} \times 8^{\prime \prime}$ | - | June | Don't let dry out |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { Gypsophila } \\ & \text { elegans } \end{aligned}$ |  | - | May | Poor soil is better than rich |
| Hyacinths | Bring in from colil frame | $\underline{\square}$ | $\begin{aligned} & \text { Bloom in } \\ & 4 \text { weekks } \end{aligned}$ | Stake and tie the larger and heavier spikes |
| Hydrangeas | Bring heat up to $50^{\circ}$ | - | May | Occasionally feed with weak liquid cow manure |
| Itis | Bring in from cold frame |  | Aprii-May | Force gently and don't allow high temperatures |
| Leptosyne stillmani | $\begin{aligned} & \text { Set } 8 \text { plants } \\ & \text { to } 8^{\prime \prime} \text { pan } \end{aligned}$ |  | April | One bushy specimen should result |
| Lilium tenuifolium | Bring in carly |  | Easter | From Octeber potting: temperature on the warm side |
| Metrosideros robusta | Raise heat to $52^{\circ}$ |  | Easter | Do not attempt to raise from cuttings; buy plants |
| Panay | Blooming | - | - | Keep them picked or blooming will cease |
| Papaver | Sow seed | Transplant to flate | May | Stunt plants by $2^{\prime \prime} \times 2^{\prime \prime}$ spacing in flats to promote early flowering |
| Pelargonium | Iate <br> February pinch <br> for Memorial <br> Day |  |  | Like a damp house and a temperature not over $50^{\circ}$ |
| Petunia hybrida | Blooming |  |  | Plants from cuttings rooted in fall, single and double |
| Primula | Sow seed | $\begin{aligned} & \text { Prick off } \\ & \text { into flats } \end{aligned}$ | Cbristmas | Next move is to $21 / 2^{\prime \prime}$ pots |
| Salpiglossis | $\begin{aligned} & \text { Pot up up } \\ & \text { in } 21 / 2^{\prime \prime} \end{aligned}$ | Shift as | May | If benched from the $2 \mathrm{y} / \mathrm{za}^{\prime \prime}$ pots, distance is $10^{\prime \prime} \times 10^{\prime \prime}$ |
| Scabiosa | Sow seed | Bench in <br> 5 or 6 weeks | May | Bench spacing is $8^{\prime \prime} \times \mathrm{t}^{\prime \prime}$ |
| Schizanthus | $\begin{aligned} & \text { Bench } \\ & 12^{\prime \prime} \times 12^{\prime \prime} \end{aligned}$ |  | May | Use a ground bed if possible |
| Shasta Daisy | Bring in from cold frame |  | May | Solid bed better than a bench; do not crowd |
| Snapdragon | Sow seed | Bench in March <br> $4^{\prime \prime} \times 4$ | May-June | Grow one spike only to each plant; use flats if set out after this sowing |
| Statice Russian | Blooming |  | February on | From seed sown early October |
| Stock Ten Week | Sow seed | Pot up <br> in March | May | Put in deep water after cutting to avoid wilting |
| Strelitzia reginae | Blooming |  |  | Seed does not form; propagated by division and suckers |
| Streptosolen <br> jamesoni | Blooming |  | - | From cuttings taken last year in February or March |
| Stevis | Pot to 21/2" <br> as suon as <br> well rooted | $\begin{aligned} & \text { Shift } \\ & \text { Shit } \\ & \text { tot } \\ & \text { pots } \end{aligned}$ |  | This is preparing next winter's crop |
| Sweet Peas | Sow seed |  | - | This is for greenhouse flowering, but use the sum. mer-flowering seed |
| Tulips | Bring in <br> from storage | - | In about four week | In a warm house; cool house takes five or six weeks |

Warm House- $60^{\circ}$ at night

| Amaryllis | Flowering | - | - | After flowering give plenty of water and keep growing until summer drying off |
| :---: | :---: | :---: | :---: | :---: |
| Azalca Hinõdegiri |  |  | $\begin{aligned} & \text { Valentine's } \\ & \text { Day } \end{aligned}$ | If bloom seems slow, spray lightly several times a day and raise temperature a few degrees |
| Bougain. <br> villea <br> glabra | Start into growth early in February |  | Easter | Use varieties sanderiana and Crimson Lake |
| Camellia japonica | Flowering |  | December-March | Take hardwood cuttings up to middle of February; root in case with $72^{\circ}$ bottom heat |
| Gardenia | Bring heat back up to $60^{\circ}$ | - | Easter | Syringe frequently and promptly destroy all diseased plants |
| Gloxinia | Start tubers in pots, $4^{\text {" }}$ |  | Earlv summer | Always use shading sash, keep water off leaves; spray for insect pests |
| Lilium flöridi | Blooming |  |  | From bulbs planted early in October |




You turn the tap marked "HOT", but the water comes out cold! You lose time-and patience. But not when you have a rheem! The automatic rheem water heater's 30 gallon tank, for example, heats up 42 gallons an hour. Enough for plenty of hot baths!


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Rheem automatic water heaters, 20 to 100 gallon capacity for any type of gas, including liquid petroleum gas-also models for electricity and oil. All have the patented Rheem-processed tank, which keeps water clean and fresh-guards against rust and leaks. All gas models approved by American Gas Association.

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One reason why Eljer fixtures are easy to keep clean and new looking is that the lustrous, vitreous chinaware resists scratching, stains and the effects of all ordinary acids. Eljer enameled cast-iron fixtures are rugged and rigid with a heavy coat of enamel. They match harmoniously to create beautiful ensembles.

Eljer's complete line of plumbing fixtures assures you of a selection to meet your individual needs. See your plumbing contractor or write Eljer Co., Box 192, Ford City, Pa.


## FOR TWO MEN IN A HURRY

To break up traffic jams in the bathroom, install twin Eljer vitreous china lavatories. Both father and son come to breakfast smiling. The whole famıly appreciates Eljer faucets that can be turned "off", tightly, with a touch of the finger. Note: another reason for being sure your bathroom, kitchen and laundry are Eljer equipped.


Plastic tiles are suggested for walls of kitchens, bathrooms, laundries, and any other place in the house where an easy-to-clean surface is desirable. May be installed over plaster, wood, stone, plywood, or any firm and non-porous base. An interlocking feature insures accurate installation. The tile is not affected by acids or alkalies, and will not crack. Nine colors. Pittsburgh Tile Co., Terminal Warehouse, Pittsburgh.


Out-door lighting unit utilizes an ingenious hinged spike that sticks into the ground to hold the fixture in place without tipping. A gasket seals the socket against moisture. The angle of the light is adjustable to a wide range. Useful to light trees, gardens, fronts of garages, and houses, outdoor recreational areas, and for night photography. List price without bulb $\$ 3.75$. Swivelier Co.. 30 Irving Place, N Y. 3.


Indoor-outdoor thermometer is mounted indoors. A small, flexible copper tube leads to a small unit from the outside. The indoor temperature is reg. istered on a dial and the outdoor temperature is indicated by a colored fluid in a glass tube. Simple instructions for installing the instrument are included. Available in ivory or walnut finished cases. $\$ 7.50$ from Taylor Instrument Co., Rochester 1, New York.


Power polisher for linoleum tabie tops, asphalt tile floors, hardwood floors, cement floors, is the eighth special attachment designed for use with a Kirby vacuum cleaner unit. Wax is burnished into surfaces that are dull, scarred, or scratched. A simple foot control changes the intensity of the polishing from hard to light. The polisher attachment is $\$ 16.95$. Scott \& Fetzer Company, Cleveland 2, Ohio.


Power lawnmower is a lightweight, streamlined mower that cuts an $18^{\prime \prime}$ swath. It starts mowing instantly with a toe-tip control and stops when the handle is dropped. Blades and underknife are tempered and stay sharp. An air-cooled 1-horsepower, 2-cycle engine with controllable speed, air filter, and muffler is highly efficient. \$129.50. Savage Arms Corp., Lawn Mower Division, Chicopee Falls, Massachusetts.


Portable radio for the flier, sportsman, or casual listener. It tunes in airport towers, Range stations, marine stations, and commercial broadcasting stations. Attractive luggage-type case. May be used as a navigation aid in personal planes, such as the Ercoupe, Piper Cub, and others. Operates from AC, DC, or 150 -hour batteries. Loop or external antenna. Weighs $141 / 2$ lbs. $\$ 89.50$ including tax without batteries. Bendix Radio Division. Balt'more 4, Md.


Safe containers for gasoline, kerosene, or any flammable liquid are available in 1,3 , or 5 gallon sizes. They help prevent evaporation of volatile liquids and are non-spilling when tipped over. The spout will not drip and may be equipped with a cadmium-plated screen flame arrester. Made of heavy gauge metal, lead coated inside and out and finished in red enamel. General Detroit Corporation. Detroit 7.


Electric bulb package contains four 60 -watt lamps, nested to take a minimum of space. This convenient size reduces the space required for storing them to a minimum, yet they are readily accessible and well protected from breakage. It is planned to package all lamp sizes from 25 to 100 watts in these cartons, although now only the 60 -watt is available, at 44 cents. General Electric Co., Nela Park, Cleveland, Ohio.

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## GENERAL

## TURNS WITH

## A CORKSCREW

Four unusual concoctions which will hasten the return of the tired skier

With skiing, as with golf, half the fun of the outing is in recounting your exploits at the day's end. An indispensable accompaniment to this genial pre-dinner hour is a hot drink and, for appetites whipped ravenous by cold and hard exercise, something warm and tasty to go with it. The suggestions on this page are unusual enough to tempt any gourmet, while actually being based on such good, simple things as beer, wine, cheese and black beans. For their low alcoholic content, our two drinks will meet with the approval of even those unrelenting sportsmen who feel that hard liquor and flawless Christies don't go together. They will also be interested in the fact that two of these recipes come from Fred A. Picard, the Swiss-born ski-expert who now runs a shop in Sun Valley. Set up a plain board table for your five o'clock picker-upper. Use a samovar, if you have one, or a copper chafing dish, a sturdy pottery bowl or a friendly old-fashioned tureen. Choose mugs that cold hands can get a grip on. As the afternoon draws in. warm your wine, melt your cheese, serve your skiers and watch their expressions of pleasure. Good food makes for good talk. This is when you will hear about the perfect downhill run, the cataclysmic fall, the precarious jump-turn and the still vaster plans they have for tomorrow.


Danish hot beer toddy. Beat 2 egg yolks with 1 tbsp. brown sugar. Add a bottle good dark Danish or Bavarian beer, pre-heated. Stir, serve in mug. From The Gentleman's Companion by Charles H. Baker, Jr., Crown Publishers, 1946. Mugs and casserole from Mitteldorfer \& Straus; Carlsberg imported Danish beer.


Picard's fondue. Rub pottery bowl with garlic, set over flame. Add 3 lbs . sliced Swiss cheese and $1 / 2 \mathrm{lb}$. grated Parmesan. As it melts, add 3 glasses Rhine wine and, when bubbly, 1 glass kirsch. Dip up with French bread. Bowl, C. A. Sperling; Dolfi kirsch, Bellows; Widmer's Rhine wine, Beekman Wine \& Liquor.


Black bean soup. Heat any good brand of this soup slowly, stirring in a can of water. Remove at boil, add half a can of sherry, top each serving with sour cream. Ironstone "Penn's Treaty" tureen, Mottahedeh; napkins, Danish silver, Carole Stupell; sherry, Williams \& Humbert Dry Sack, Julius Wile \& Sons.


Gliih-wine, as made by Sun Valley's Fred Picard. Float cinnamon sticks in Burgundy, then heat. Add 2 to 4 tbsps. sugar, stir, serve very hot with lemon peel in mugs. Samovar, Mottahedeh; mugs, Mitteldorfer \& Straus; Park \& Tilford B. V. Burgundy, Beekman Wine \& Liquors; mittens, Bloomingdale's.


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FTRIENDLINESS-cheer-geniality! Who doesn't want all these qualities in his home? Choosing the right doors and windows is important here. Note in the photograph, for example, how the Ponderosa Pine window and French door grouping welcomes the eye . . "opens up" the house and enhances its comfort!

Ponderosa Pine-used either for windows or interior doors-is a friendly wood. It is warm to the touch, not cold or chilly. Its smooth grain sands to a satin texture. It takes the finish of your choice. It holds nails or screws firmly-keeps its beauty through long years of use.
"Today's Idea House"-32-page fully illustrated booklet-is crammed with photographs and examples, showing how to add the right touches to make your home distinctive. It's a mine of practical information, too, on planning better closets-getting more privacy-saving fuel costs-increasing convenience. Send only $10 \dot{\&}$ for your copy of "Today's Idea House."

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## BUILDING MATERIALS

continued from page 97

requires a strong base to support weight.

## WINDOWS

Wood and several types of metal are used, any of which may be glazed with a choice of many types of glass. Frames of windows should be caulked. Weather stripping will reduce your fuel bills. Consider the simplicity of changing the storm windows and screens, as well as the ease of eleaning the windows. Most windows are factory-made in standard sizes and their use guarantees a quality product at a production line saving.
$\square$ casements. Easy to clean. Allow $100 \%$ ventilation through the open sections. Screens and storm sash changed from inside.
$\square$ double-hunc. Comparatively trou-ble-free and economical. Placing screens and storm sash on upper stories is less simple than with casements having inside installations.
$\square$ Projected type. A comparatively new type of window in which horizontal sections are pivoted to swing like louvers. They offer protection from the weather when open and are easily cleaned from the inside. Screens and storm sash are applied on the inside.
$\square$ fixed windows. With ventilation obtained through windows that open, through ventilating louvers or by allyear air conditioning, large windows that are not openable are finding increasing use to provide a maximum of visibility towards desirable views. The development of multiple glazing eliminates the need for storm sash.
$\square$ special types. Horizontally sliding windows and many other patented types have been developed which all offer their own special advantages. Examine also the various ingenious developments to end the semi-annual headache of changing screens and storm sash.

## R00FING

There is considerably more to a roof than the material with which it is surfaced. The slope of the roof and the weight of the material itself will determine the size of the supporting rafters, and hence affeet the total cost. The metal ("flashing") that is used at the edges of roofs and at intersections of different roof planes must also be considered as part of the life and cost of any roof.
$\square$ asphalt shingles. Come in many colors, weights, shapes. For sloped roofs these shingles provide an extremely economical roof covering in both first cost and long life. The mineral granules with which the shingles are surfaced make them fire-resistant.
$\square$ asphalt roll roofing. A very lowcost material, used largely on minor outbuildings.
$\square$ asbestos shingles. Fireproof. Expensive compared to many other types. Lasts indefinitely without maintenance
except for the possible replacement of broken units. Various colors.
$\square$ slate. Comes in a wide variety of natural colors, sizes and thicknesses. Fireproof. Broken slates may sometimes have to be replaced.
$\square$ wood shingles. Usually treated for color and to increase their life. In good condition, wood shingles do not readily ignite from flying brands or sparks.
$\square$ metal roofings. Imitation shingles and tiles stamped from metal, and several types of unbroken sheet construction are used in both ferrous and nonferrous metals. They are non-inflammable, lightweight.
$\square$ clay tile and shingles. The most expensive of all types. Fireproof, long lasting and particularly suited to certain traditional architectural styles.
$\square$ built-up roofing. Used on so-called "flat" roofs that have a very slight slope. Made with either asphalt or pitch mopped between layers of roofing felt, this type is comparatively low in first cost, has extremely long life and high resistance against ignition.

## HEATING SYSTEM

Three basic and interrelated factors will affect the choice of a heating system. The various combinations of these factors that are possible are bewildering. Each combination has its advantages and shortcomings. First, there is the type of fuel-wood, hand-fired or stoker-fired coal, oil, gas or electricity. Second are the controls to make the system respond to demands for more or less heat. Third is the fluid medium for transmitting the heat from the unit where the fuel is burned to the various rooms, viz:
$\square$ warm air. Air is heated in a furnace. It is transmitted through ducts either by gravity from the fact that warm air rises, or under the pressure created by a fan placed in the supply duct. Warm air delivered through registers to the rooms of the house provides ventilation and proper humidity, and is quickly responsive to demands for more or less heat. Ducts may be buried in floor, wall or ceiling construction, warming these surfaces to heat the house.
$\square$ hot water. Water is heated in a heater. It is carried through pipes, either by gravity or under the pressure of an automatic pump to radiators, convectors or pipes buried in wall, floor or ceiling construction. Hot water is slow to respond to sudden demands for temperature changes, but provides a desirable uniformity of heat.
$\square$ steam. Steam is produced in a boil$\boldsymbol{e r}$. It is carried to radiators or convectors by pipes. It is quickly responsive.
$\square$ unit type. Many small units, either portable or built-in, are available for occasional use or for cabins and intermittently occupied buildings.


# FIVE FISH RECIPES 

to vary Lenten dinners

Perch with anchovies
2 packages (2 lbs.) quick-frozen red perch fillets, thawed
Flour
Salt and pepper
Cooking oil
$1 / 2$ cup butter
4 tbsps. chopped parsley
2 tbsps. lemon juice
2 tsps. oil from anchovies
1 tsp. Worcestershire sauce Anchovy fillets
Separate fillets, roll in seasoned flour and sauté in smill amount of cooking oil in heavy skillet 8 to 10 minutes, turning to brown both sides. Brown butter in skillet, add parsley, lemon juice, anchovy oil and Worcestershire sauce. Place fish on hot platter, top with anchovy fillets, pour butter sauce over top and serve at once. Garnish with ripe olive slices, if desired. Makes 6 to 8 servings.

Fillets with almond cream gravy 2 packages (2 lbs.) quick-frozen cod or haddock fillets, partially thawed 4 tbsps. butter
$1 / 3$ cup sliced or chopped blanched almonds
2 tsps. flour
$1 / 2$ tsp. salt
Dash of pepper
1 cup light cream
Cut fish in serving pieces. Fry in butter in heavy skillet 15 to 25 minutes, turning to brown both sides. Remove fish from skillet. Keep hot.

Sauté almonds in the butter left in skillet until golden brown. Add flour, salt and pepper and blend. Add cream gradually and cook over medium heat until mixture is thickened, stirring constantly. Arrange fish on hot platter. Cover with almond gravy. Serves 4.

## Individual shrimp soufflés

1 box (12 oz.) quick-frozen shrimps
1 box ( 12 oz.) quick-frozen green peas
$3 / 4$ cup boiling water, salted
2 cups pea liquor and milk
6 tbsps. butter
6 tbsps. flour
$11 / 2$ tsps. salt
1/s tsp. pepper
1 tsp. scraped onion
$3 / 4$ tsp. Worcestershire sauce
4 egg yolks, well beaten
4 egg whites, stifly beaten
Cook, peel and clean quick-frozen shrimps as directed on package; cut in small pieces. Drop quick-frozen peas
into briskly boiling salted water, bring again to a boil, and boil 5 to 7 minutes, or until just tender. Drain, reserving liquor; add milk to make 2 cups. Melt butter in saucepan, add flour and stir until smooth. Add pea liquor and milk gradually and cook until thickened, stirring constantly. Add quick-frozen shrimps, quick-frozen peas, salt, pepper, onion, Worcestershire sauce and egg yolks and mix well. Fold into egg whites. Turn into greased individual baking dishes. Place in pan of hot water and bake in moderate oven ( $350^{\circ}$ F.) 45 minutes, or until firm. Serves 8.

## Creole shrimps

1 box (12 oz.) quick-frozen shrimps, thawed
$1 / 2 t s p$. salt
6 tbsps. butter or other fat
$1 / 2$ cup diced green pepper
3 tbsps. minced onion
$1 / 2$ cup diced celery
$3 / 4$ tsp. salt
1/s tsp. pepper
1 bay leaf
Sprig of parsley
4 cups strained canned tomato pulp 1 box ( 10 oz .) quick-frozen golden sweet corn

Cook, peel and clean quick-frozen shrimp; sprinkle with salt and sauté 5 minutes in butter. Remove shrimps. Add green pepper, onion and celery to butter and sauté 5 minutes. Add salt, pepper, bay leaf, parsley and tomatoes and simmer 20 minutes, or until thickened. Add quick-frozen corn (frozen or thawed) and shrimps and boil 2 min utes. Serve with rice. Serves 8.

## Shrimp and asparagus salad

 1 box (12 oz.) quick-frozen shrimps 1 box ( 12 oz.) quick-frozen asparagus Crisp lettuce or other salad greens French dressingCook, peel and clean quick-frozen shrimps as directed on package. Chill. Remove quick-frozen asparagus from box and place in 1 cup briskly boiling salted water. Bring to a boil and boil gently 8 to 10 minutes, or until just tender. Remove from fire and drain. When cold, marinate with French dressing and chill thoroughly. Arrange quick-frozen shrimps on crisp lettuce, alternating with quick-frozen asparagus tips, allowing 6 or 7 stalks to a salad. Serve with French dressing.
m. e. w. talmadge


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WHICH MANTEL? Like a touch of modern in your mantel? Then you'll like the one at the left-Curtis design C-6067, with its graceful contemporary simplicity. Or, if it's Colonial coziness you want, you'll choose Mantel C-6055 at the right-a traditional style of untiring beauty. These are only two of the fifteen Curtis mantel designs.


WHICH CHINA CLOSET? Just the thing for a nursery or rumpus room is the sturdy case at the left-Curtis design C-6552. And the dignified little case at the right-design C-6556, with attractive glazed door-will add to the beauty of living room or dining room. Both are made for corner use, too.


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A munk pan used by Danish cooks since 1724, for making the traditionally round pancakes, aebeleskivers, is available now in this country. It will be a feather in your culinary cap to serve this beloved delicacy powdered with confectionary sugar, accompanied by jelly for a teatime treat or dinner dessert. Copied from old-world original, this modern aluminum munk pan is $\$ 2.50$. Marshall Field's, Chicago 90.


A culinary classic is the new Gold Cook Book by Louis P. deGouy, worldfamous chef. It's 60 years of collecting and perfecting recipes, seasoned with fascinating anecdotes about the origin and history of foods. Tips on buying, preparation, cooking techniques are given; sections on pressure and frozen food cookery. Plastic cover and bookmark are practical assets, $\$ 7.50$ (Greenberg). Lewis \& Conger, N. Y. 19.



Fine cutlery should be every cook's heritage. Deluxe 4 -piece Personna Utility Set ensembles ham and steak slicers, utility and paring knives in a handsome hardwood storage block. Onepiece stainless steel knives, tempered to extreme hardness, hollow-ground for keen, long-lasting cutting edges. Rosewood handles are finger-notched, except parer; all nickel-silver capped. \$22.95. Wanamaker, N. Y. 3 \& Phila. 7.


Pan inserts to fit the Mirro-Matic and other four-quart pressure cookers are handy for steam-cooking two different vegetables simultaneously, or for meat and vegetables. The adjustable handles lock securely in upright position for easy removal; pans are perforated for adequate steam circulation and thorough draining. The Mirro-Matic Twinset of two sturdy aluminum quart pans is $\$ 1.25$. At Gimbel Bros., N. Y. 1.


Flexible ice cube tray of lightweight aluminum and colorful plastic insert eliminates the usual tug-of-war to release stubbornly frozen cubes. With the Lady Fairfax, you simply grasp each end of the tray, give it a slight twist, then lift up the plastic insert. Out come perfect cubes without fuss or muss. Refrigerator tray is standard size; plastic insert in any one of six colors. \$1.95. Bloomingdale's, N. Y. 22.


Bacon grilled to a crisp, uniformly brown and greaseless perfection is a special cooking achievement. It's easy with the cleverly designed Renex Bacon Grill. The bacon goes over the hump, the curved perforated lid keeps slices from curling, permits grease to drain into the deep well around the grid. Of satin-finish cast aluminum with hinged lid, $\$ 3.95$ pp., Embassy Distributors, 64 Gramatan Ave., Mt. Vernon, N. Y.


Skidproof rugs with a single application of a new plastic liquid, Rug Seez. It's a safety-first measure to prevent falls caused by sliding scatter rugs. Rug Seez can be applied on the reverse side of any rug with an in secticide sprayer or brushed on for a non-skid surface. Noninflammable, dries odorless, guaranteed by maker to be harmless to rugs or floors. $\$ 1.89$ a quart. Hammacher Schlemmer, N. Y. 22.


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## ELECTRIC COVERS

You need only one per bed, but here is a choice of models, improved in service and performance

Acozily pre-warmed bed which will maintain its gentle, even temperature all night regardless of changes in the weather, awaits anyone who buys one of these new electric coverlets. As you need only one blanket per bed even in midwinter, a new lightness will give better rest than ever before. It follows that the bed will be easier to make, that blanket storage space can be reduced by two-thirds. Thermostatically or electronically controlled, operating on AC current, these post-war blankets have benefited by research on pilot's suits. They offer the following improvements: 1) they are $100 \%$ washable; 2) insulating plastics make them ultra-flexible and moisture-resistant; 3) they will last as long as any ordinary blanket ; 4) they are noiseless, don't interfere with radios; 5) improved controls eliminate any possibility of shocks and over-heating. Follow the instructions for its care meticulously and your blanket will prove a prime investment in comfort over many a cold season to come.


Fielderest thermostatic blanket, manufactured by Marshall Field, is 75\% virgin wool, $25 \%$ cotton, made in 5 colors ( $72^{\prime \prime} \times 90^{\prime \prime}$ ). Eight safety thermostats are sensitive to temperature changes of as little as one-half of one degree. The control unit is sealed in glass, has tiny neon pilot light which makes the dial readable in a dark room. The blanket costs $\$ 45$ at Lord and Taylor, New York.


General Electrie's two-control blanket is double-bed size ( $72^{\prime \prime} \times 86^{\prime \prime}$ ), has two separate heating areas each with its separate control to accommodate individual preferences and rate of body heat loss. Of $50 \%$ wool and $50 \%$ rayon and cotton, it is made in four colors. Indicators in the ivory plastic control cases light up to tell when current is on. The price is $\$ 52.53$ at Rich's, Inc., Atlanta.


Simmons electronic blanket has control which adjusts both to body's radiation and to room temperature. Wiring, which is triple-insulated for safety and longer wear, contains separate conductors for warming electrons and control electrons. Blanket comes in five pastels. Size is $72^{\prime \prime} \times 86^{\prime \prime}$, large enough for a double bed. It costs $\$ 47.15$ and can be ordered from the J. L. Hudson Company, Detroit.


Everhot electric blanket measures $72^{\prime \prime} \times 90^{\prime \prime}$, is $75 \%$ wool and $25 \%$ cotton, in rose or blue. Control assembly, in white plastic box with blue-gray trim, has temperature-selecting dial and off-and-on switch. A 12 -foot cord connects to blanket, a 6 -foot cord to outlet. The blanket comes packed in a clear plastic bag which can be used for summer storage. Price, $\$ 43.95$ at Macy's, New York.


Universal blanket, $75 \%$ wool, $25 \%$ cotton, assures safety on account of wide spacing of wires and pliable Vinylite insulation. Heating element has multipletested watertight seal protected by 6 thermostats. Low wattage costs less than 1 cent a night. The blanket is manufactured in pastel shades of rose, green and blue, size $72^{\prime \prime} \times 90^{\prime \prime}$. Price is $\$ 41.95$, at The May Co., Denver and Los Angeles.


Westinghouse Electric Comforter has a washable inner muslin warming sheet which ties inside quilted rayon satin case and is removed through zipper opening in latter. Comes in 3 colors, has non-slip underside. Generous size ( $72^{\prime \prime} \times 86^{\prime \prime}$ ) assures ample tuck-in. Automatic control, simulating a powder box, has a neon light signal. $\$ 49.85$, at Maison Blanche Co., New Orleans. (Continued on page 120)

deep, restful, relaxing sleep -- as fine as money can buy - is assured by Spring.Air "Controlled Comfort," as used and preferred by more than a thousand fine hotels and over two thousand good hospitals. Ask your dealer. . Spring-Air is featured at over 5000 good stores everywhere. SPRING-AIR COMPANY - HOLLAND, MICHIGAN


IRRESISTIBLE COMFORT "VISIT YOUR DEALER DURING NATIONAL SLEEP SHOW - MARCH 1.20"


## ELECTRIC COVERS continued



General Electric Footwarmer, placed between top sheet and blanket, keeps the bottom of the bed comfortably warm. Made of sanforized cotton with rough finish, it measures $36^{\prime \prime} \times 18^{\prime \prime}$, costs about $1 / 3$ cent a night to operate and has a handy switch control. It is blue, rose or green. \$7.95; at G. Fox \& Co., Hartford.


Westinghouse Electric Sheet is identical with the inner warming sheet in Westinghouse comforter. It should be used with the ordinary bed covers, above the regular top sheet and under one blanket or quilt. It has buttonholes for attachment to the latter, measures $70^{\prime \prime} \times 84^{\prime \prime}$. Available soon, price $\$ 27.95$.

## Styled with that chiminithle hittinger Look!



The subtle touches in design that give Kittinger Furniture its fine styling are inherent in the hand-tailored appearance of this barrel wing chair. And it will be custom-made for you in the fabric that blends with the harmony and beauty of your home.

There is skilled hand craftsmanship, too, in every detail of the beautifully proportioned "Bachelor" chest . . . in Knotty Pine or Heir-loom-finished Mahogany, useful in so many ways ... height 33 inches; width 29 inches; depth 16-1/4 inches. At leading stores.


Send for your copy of our New Upholstery Brocbure. Jnclude name of your dealer. Address Kittinger Company, 1903 Elmwood Avenue, Buffalo 7, N. Y.


What is your building
I. Q.?

How many of the following building terms can you identify? Check the ones you know,
then turn to page 129 for answers.



## So lovely to live with

- Where family and friends love to gather-there is the heart of your home. Your taste for gracious living is reflected in the lasting beauty of the satin-smooth enameled fireplace mantel, built of Western Pines*.
- These Pines, in natural finish, show glorious graining. Stained or enameled, they glow satin-smooth. Outdoors, the carefully seasoned Western Pines take and hold paint-make woodwork that fits snugly in all weathers.
- When you build or decorate, you'll find practical ideas for new home-beauty in the inspiring booklet, "Western Pine Camera Views." For your free copy, write: Western Pine Association, Dept. 224-J. Yeon Building, Portland, Oregon.

THESE ARE THE WESTERN PINES *PONDEROSA PINE * SUGAR pINE


SHEBOYGAN• OROWrooms • BOSTON•CHICAGO • CINCINNA

Everybody's Pointing To Hotpoint

## Say "Good-bye" to Your Garbage Can

 with the new Hotpoint Disposall' Unit

You turn on the cold water, which automatically sarts the action. Refuse is electri-
cally shredded and flushed away.

Here's how the Disposall looks and per- forms. Arrows show how waste is flushed away. Self-scouring unit is sparkling clean!

Simply scrape food waste into drain. Electric Disposall shreds it, flushes it away! Safe, odorless, self-cleaning! Can be installed in your present sink or comes complete.
$Q^{\text {Uickiy, easily, automatically, }}$ Q the new Hotpoint Electric Disposall eliminates food waste by flushing it down the drain before it can even become garbage! You simply scrape kitchen refuse into the drain-turn on the cold water-and your job's done!
Save time and work-solve your food-waste problem the sanitary, odorless way - with a Hotpoint Disposall. This efficient appliance is automatic and self-cleaning. And its operating cost is amazingly low. Thousands of home-owners have proved its thrift and dependability in years of use. Let your Hotpoint dealer show you how economically the Disposall can be installed in practically any sink!

## Here's How If Works-You remove control cover and scrape food waste into drain opening. Replace control cover and turn

 to ON position.

Copr. 1948 Hotpoint Ine., Chicago, 11.

- Asfually Seaurs Drain. - More Then 125,000 in Use. - Operates for less Than a Dime a Mentht
- Carries Full Year Warranty.
- Operates Simply-Just Turn Mandle as Indicated.


## Hotpoint

DISPOSALL
4 YEARS OF OUALITY


Parker House, cloverleaf and a dozen other types of hot rolls, fragrant, crusty-brown and fresh from your oven result from Duff's new Hot Roll Mix with yeast. Takes only a cup of water, a few mixing strokes, time out for "raising" and 15 minutes in a hot oven.


The cookie jar can be kept brimful with teatime delicacies or nibbles for the young if you have Py-O-My Cookie Mix on hand. Drop cookies require only the addition of $41 / 2$ tbsps. of water to the contents of the package; icebox cookies require even less: 2 tbsps.


Apple pie ready for the oven in 15 minutes is a short cut with Apple Pyequick-packaged crust, apple filling and spice. While apple slices absorb water, blend pastry mix with water, roll, and line pan. Add filling, top crust, bake until browned for 35 to 40 min .

## QUICK MIXES



Popovers, crisp and light-textured, can be turned out every time by the merest novice when she uses Joy Popover Mix. Enriched with eggs, milk and blended vigorously for 2 minutes, then baked for 30 , yields golden-brown hotbreads or shells for creamed foods.


Layer, loaf or upside-down cake can be a last-minute dinner thought if you have packages of Joy Vanilla or Chocolate Flavored Cake Mix handy on your pantry shelf. Just add water, beat smooth and bake in a moderate oven while the rest of your meal is cooking.


Flaky crust, short and tender, is es sential for good pie-making. Pillsbury's Pie Crust Mix takes out the guesswork, saves measuring and mixing time and earns for you a reputation as pastry baker. With only water added, package makes 2 -crust pie or 8 tarts.

Hotbreads, cakes and pies are pre-mixed
in these new wonder packages.

All you do is add liquid, whisk together
and bake-it's as simple as that


Coffee cake, cinnamon roll, fruit twist, hot buttered breakfast treats are easily achieved with Py-O-My Yeast Raising Coffee Cake Mix. Blend it with a cup of water for basic dough; choose your favorite from a variety of shapes, toppings and fillings listed on the box.


Icing to crown your cakes is no longer a bother when made with Instant Q.T Frosting, vanilla, strawberry or chocolate flavored. Stir 1 $1 / 2$ tbsp. hot water into the mix until smooth, then spread. Covers an $8^{\prime \prime}$ cake, will not run, remains moist for at least 2 days.


A complete pie, chocolate or lemon filled, in one package, is the new 7 Minit Pie Mix offering. Blend crust with water, roll, line pan and bake. Add sugar, beaten egg, water to cook lemon filling; sugar, cold milk to chocolate. When thick, pour into pie shell.


Doughnuts, piping hot and freshly fried, set a speed record in the making. A half cup of water stirred into Jiffy Doughnut Mix and 10 minutes in the deep fat fryer makes effortless fare for the whole family. Serve them plain, cinnamon-sugared or with frosting.


Cup cakes, as light as they are quick, are made from Dromedary Cup Cake Mix. Calls for cold water, an egg, 2 minutes of beating. Ice them with Drom edary Fudge \& Frosting Mix, blend ed with butter, cooked briefly. Latter also makes fudge, rich sauce.


Crisp, hot fritters made with Lalita Frit-R Mix are a treat. Beat 1 egg , add a cup of milk, stir in mix till smooth, fry in deep fat. The batter is ideal for corn, fruit, oyster or clam fritters. It also makes hot cakes poured on a griddle or biscuits baked in oven tins. on page 126)

## Everybody's Pointing To Hotpoint

## Our Hotpoint Dishwasher

 saves us more time than any other convenience!"It was my husband's idea to bave a Hotpoint Dishwasher. He's an engi. neer-and said dishwashing conld be done by pushing a button. How right be was! We save at least an bour a daysave the cost of extra belp, have sterilized dishes. My Hotpoint Dishwasher is wonderful. Friends who bave seen it think so, too!" - Mrs. Melvin J. Binks,

## 1. Saves Countless Hours

- Completely automatic-the Hotpoint Electric Dishwasher washes, rinses, dries dishes . . . shuts itself off! Just push a button . . . no watching!


## 2. Guards Family Health

- Hotter water washes dishes, silver, pots and pans hygienically clean. No messy dishcloths, unsanitary towels.

3. Ends Costly Breakage

Mrs. Melvin J. Binks, 1402 Park Avenue, River Forest, Illinois.

| SAYES | - There's no tumbling or turn- <br> ing of dishes in a Hotpoint <br> Dishwasher, Racks hold 58 <br> dishas - full service for six |
| :---: | :---: |
| AT LEAST AN |  |

4. Front Opening . . .Top Spray

- These exclusive Hotpoint features save lifting, stooping, provide greater work surface, give "all-over" washing.


## 5. Dries Dishes Electrically

- After rinsing, dishes are dried with hot, clean air from exclusive Calrod* unit. Dishes can be reused almost immediately or left for next mea


## 6. Proved for 15 Years

- Hotpoint pioneered the electric dishwasher, has built more full-sized units than all other manufacturers combined! Thousands of satisfied users. Ask your Hotpoint dealer for demonstration. Hotpoint Inc., 5600 West Taylor Street, Chicago, Illinois. \# Reg. U. S. Pat. Off.

THE ONLY DISHWASHER THAT DRIES ELECTRICALLY

## Hotpoint Dishwashers



Ah! It's Holly in springtime! Hand cut on brilliant, resonant crystal. Adorable in every detail from the dignity of its long, slender stem to the simplicity of its lucent bowl . . . a young and spritely design for modern brides . . . a pickup for old tables that cling to ancestral silver. It's yours for a thrill . . . or for friends who deserve the best. You'll find Holly and other favorite Fostoria patterns at better stores everywhere.

## FOSTORIA

## 罍 STORY

$\mathrm{O}^{\prime}$nce upon a time, a certain Mr. Thompson, Groom of the Household Furniture to a certain Duke of York, broached a revolutionary idea to a certain furniture designer, Mr. Thomas Sheraton. It was "A Summer Bed in Two Compartments," and the great designer went right to work on it. The result was the first known twin bed, with single headboard and canopy. This ducal luxury evidently was slow to influence Americans, who, up to the mid-eighteen hundreds, were still sleeping on rag-filled mattresses slung on ropes, or in feather beds. Shortly after the Civil War, a carriage manufacturer substituted buggy springs for the ropes under the mattresses-and the modern science of sleep began.

A science it is, too, with an astonishing amount of research backing up the fine bedding you see today. Whether you are like the princess in the fairy tale of The Princess and the Pea, or the rugged type, partial to a harder bed, you can be "fitted." If sleep eludes you, the sleep specialists can do something about that, too, with what is virtually "prescription bedding." Even tall individuals are no longer always a special-order case. At least two companies are making the $6^{\prime} 6^{\prime \prime}$ length in bedding as a regular size.

In any case, proper sleep equipment is so closely linked with your health and general well-being that you have no more important household investment than your mattresses and springs. A good bed cannot guarantee you a good night's sleep, but it can give you the foundation for it. On the other hand, a poor bed is sure to pay you back with a restless night.

If you have no particular sleep problems, the mattresses and springs which seem most comfortable to you are the logical choice. Experts compare sleeping on a good bed to floating on water: your body should be supported comfortably at every point, yet the mattress should be buoyant enough to allow you perfectly free movement. You don't really "sleep like a log." Research tells us we change position completely 22 to 45 times a night. Too soft a bed, too (Continued on page 125)


A fine innerspring mattress looks like either of these, with a tempered coil center, padded with resilient materials, covered with well-tailored ticking.


THIS TYPICAL QUALITY BOXSPRING has a hardwood base and frame, doubledecked coils hand-tied eight ways with special twine, and deep cotton felt padding.
hard a bed, or a sagging mattress thwarts such movement and you will awake with cramped muscles and a tired feeling.

Your sleeping habits are you own affair, but there are certain fundamentals which apply to selecting any bedding. Here is a résumé of them, check-list fashion:

## HOW TO BUY

There are no shortcuts in bedding quality. You are at the mercy of the construction under the ticking, so buy the best.

Go to a good shop, interested in helping you select proper bedding. Don't be shy about trying the various units. Ask plenty of questions.
Take with you anyone else for whom you are buying mattresses and springs so they can try them out.

For children, select bedding made to their specific specifications. They need a firmer support than most adults.

## POINTS OF QUALITY

Good tailoring is important for long wear. Look for stout seams or welting on the mattress; a pre-built border around its sides; a resilient but firm edge, preferably reinforced by an inner roll, which can stand up against being sat upon; ventilators, because the mattress should "breathe"; strong handles for turning; flat button or tape tuftings, or sturdy quilting, to hold the ticking and under-padding permanently in place. Some fine mattresses have their upholstery or fillings compressed into separate compartments rather than layers, so that the sleeping surface looks like a series of rolls or pillows. (Continued on page 127)


A LATEX OR FOAM RUBBER MATTRESS, without its cover, shows its cream-color porous form, very buoyant and self-ventilating. It is lightweight, hygienic.


Choice of those who appreciate fine furnishings . . . in good taste, are furniture-styled Everett pianos. Designs that live forever!
People who know music best also choose Everett for unsurpassed beauty of tone . . . a glorious voice that stays in tune more than twice as long as ordinary pianos.

LOOK AT THE BACK-for a glimpse of the new engineering principle that makes Everett the most advanced piano in generations! For complete details ask your Everett dealer about "Balanced Tension," secret of why Everett consoles have the tone beauty of a grand.

console pianos with the
tone beaufy of a grend?

For free piano catalog and name of your nearest dealer, write EVERETT PIANO COMPANY, SOUTH HAVEN, MICH.

## For there montho of can Days

You'll look chic and charming .. feel cool and comfortable in these colorful Nali-Bee creations. Designed for women who desire distinctive details even in their casual cottons, Nali-Bee features the new softer shoulders-full swing skirts-and slightly longer hem-lines. You'll find Nali-Bee dresses trim and tubbable... and inexpensive, too.
nali-कee


Nali-Bee, 1350 Broadway, N.Y.C., for name of your nearest dealer.

## QUICK MIXES

Continued from page 123
Heat-and-eat foods, ready cooked and canned for quicker, easier meal-getting, include these four savory newcomers.


Wieners with Barbecue Sauce packed by Oscar Mayer offers seven full-sized frankfurters and a separate, generous pliofilm sack of semi-piquant sauce.


Beef with Gravy, crowned with whipped potatoes or with cooked vegetables is a filling main dish. Friend's
brand contains tender pieces of beef.


Clam chowder, 40-Fathom brand, concentrated, heats in 5 minutes. Add milk for New England chowder; tomatoes and water for Manhattan style.


Potatoes, hashed brown, mashed or served au gratin, are fixed in a jiffy by just adding water and heating. These Speed-tatoes are already cooked.


## Southern Charm

AN ALLURING
NEW PATTERN


# Pauls AUTHENTIC COLONALS 

$a t$ Special Anniversary Prices



F OR fifty years Paul's tified America's identified America's finest lamps and gifts. For this, our 50th Anniver-
Paul's skilled craftsmen sary Year, Paul's skilled craftsmen have created these authentic colonial
reproductions to add the warm flavor of early Americana to your home. Beautifully made, attractively priced, these lovely lamps are indeed the result of fifty years of manufacturing skill.


This authentic all brass colonial reproduction
completely wired for electricity. Revolving arms and adjustment cerew permit the lamp to be raised to $261 / 2^{\prime \prime}$ or lowered to $231 /{ }^{\prime \prime}$ and swung
into any convenient position. Complete with gla ${ }^{\prime \prime}$. chimney and choice of $8^{\prime \prime}$ shade, cased or overlay in ruby, jade, pink, yellow, or dark green, plain or ribbed.


This beautiful colonial lamp has a cranberry and sparkling crystal hand-eut glass fount with with glass chimney and $10^{\prime \prime}$ hand painted opal shade. Completely wired for electricity.
SOLD AT ALL LEADING STORES or write or name Paul's Lamps to- Dept. HG 2

## Edward P. Paul

New York: 1133 Broadway, N. Y. 10
Chicago: Merchandise Mart, Chicago 54
Western Merchandise Mart, San Francisco 3 1898-1948

## BEDTIME

continued from page 125
Inquire about the strength of the ticking. It should look well and wear well. There is a good variety of handsome covers, with the top quality ones either double weave damask, eightounce art ticking or the traditional striped ticking.

Test the mattress for resiliencynot bounce! It should spring back quickly from pressure. Pressure at any point, especially in the double bed size, should not drag down too much of the rest of the mattress toward it. In innerspring mattresses particularly, the makers try to give as much independent action as possible to each coil section, to avoid this drag.

## happy couples

Your bedspring is just as important as your mattress, for which it is both the support and the shock absorber. Buy the spring recommended for your mattress. If you are replacing old mattresses, think twice about keeping the old springs, which are tired, too, and probably should be either replaced or rebuilt. Since the boxspring is the firmest, smoothest, and usually the most quiet mattress base, it is preferred for innerspring or latex mattresses. There are excellent coil springs, if you want the exposed coils, but for an innerspring mattress, these must have a platform top and, preferably, convolute coils, to provide more surface for the mattress. A solid hair or felted cotton mattress is most comfortable on a dou-ble-coil spring, the upper half of the coils adding resiliency, the lower half extra body support.

Foam rubber mattresses are less thick than conventional kinds. Unless you like the lower bed level they give on standard springs, then look for specially constructed deeper foundations, or have your bed height raised, perhaps by metal lugs on the legs. Latex mattresses should rest on a smooth surface because they are inclined to indent otherwise.

Try your mattress and springs for silence. The better they are, the quieter. This is a good place to point out that it is the quality or gauge of the springs, whether in mattress or bedspring, and the way they are assembled that counts more than the number of actual coils used. One innerspring mattress with 230 coils can be better than another with 330 , depending on such points.

CARE OF BEDDING
A bed should be aired every morning, with bed clothes thrown back to let air into the mattress. Innerspring mattresses should be turned end to end once every week, alternating with side to side shifts. Solid mattresses should also be so moved weekly, to distribute wear. A sun bath is healthy for them, too. Never fold or bend conventional mattresses in turning. Use the vacuum, a soft brush and a dust cloth (on metal or wood parts of the bed) at least monthly. Never beat the units. And don't expect them to last forever.
mattress types
Innerspring mattresses have a core of tempered springs, insulated with a thin protective layer, such as sisal, and covered with layers of resilient padding, (Continued on page 128)

THE WONDERFUL CRISS-CROSS YOU'VE BEEN WAITING FOR

## CAMEO'S <br> napacross*



## "it's snapped across for a perfect criss-cross."

Everyone has been looking for a truly practical criss-cross curtain... one that's lovely to look at yet easy to hang and launder. Snapacross* ${ }^{*}$ is just that! It comes ready to hang; perfectly criss-crossed with every soft pleat permanently in place. Only one rod is needed! Panels snap apart for easy launder. ing ....metal dot fasteners are rust-proof. You'll want these excitingly lovely curtains in every room. Write us today for the name of your nearest Cameo Snapacross* dealer.


## Johns-Manville "American Colonial" - the inexpensive asbestos shingle that lasts 35 years PLUS*



It's rotproof . . . fireproof . weatherproof. Permanent as stone! Not one has ever burned

UST before the war, JohnsManville introduced a new type of asbestos shingle-the most beautiful low-cost asbestos shingle in Johns-Manville's 88 years of roofing experience! It's called the "American Colonial," because it is so typically American in appearance.
During the war these asbestos shingles proved themselves on thousands of vital installations. And they'll serve a long, long time!*

For American Colonial shingles are made of asbestos and cement, practically indestructible materials.
Today the demand for these shingles is unprecedented. In spite of increased production we are unable to ship our dealers a sufficient supply. We urge you, therefore, to anticipate your needs as far in advance as possible.

Meanwhile, talk with your J-M dealer about these remarkable low cost asbestos shingles-one of JohnsManville's most important contri butions to the country's existing homes and the homes of tomorrow.


LAST 33 YEARS MUSI-Thousands of J-M Asbeatos Shingles have now been in service 35 years and more. They're still as fireproof, rotproof, and weatherproof as the day they were applied. No signs they won't last another 35 years or morel That's why we say American
Colonial Asbestos Shingles last 35 years PLUS.

FDF Write today for a FREE Write today for a FREE
copy of our full-color brochure, "American Colonial Asbestos chure, "American Colonial Asbestos partment HG-2, Box 290, New York 16, New York

BEDTIME
the best of which consist either of long-fibered cotton compressed or felted into layers or cushions; curled horse or cattle tail hair; combinations of both; or combinations with foam rubber pads. The innerspring units are of two basic types: open coils joined at top, bottom or through the center, with a minimum of 220 coils in quality mattresses; or the kind with each coil encased in its own muslin pocket. Smaller coils, 500 to over 800 of them, are typical of this construction. Each manufacturer of fine bedding has a different method of constructing such mattresses, based on his own research and experimentation, with infinite pains taken to give the utmost support and comfort. Choose which seems best for you.

So-called solid mattresses have no innersprings, and make a firmer type of bed. The two quality types are those made of fine curled horse hair, and those made of multiple layers of longfibered felted cotton. Again, there are various constructions, aimed at securing the greatest and most lasting resiliency from the filler material.

The foam rubber or latex mattress, which should be available again in greater quantity this Spring, is probably familiar to you through railroad sleeping car beds, or perhaps even your new car seats. Extremely flexible and lightweight, it gives buoyant support and ease of movement. Its makers advocate its hygienic qualities, washability lasting stability and smoothness. The best of these mattresses will be expen
sive, but long life is claimed for them. At least two rubber companies are planning to produce a foundation to support their own mattresses.

## bedspring types

Typical quality boxsprings are, literal ly, boxed in, with a seasoned wood base, and tops covered adequately by felt padding and ticking. Gauge and assembling of coils again are important. Traditionally, the best coil fastening is the eight-way hand tied, but you will hear strong arguments that metal helical springs or ties are equally good. Steel borders give strength and support for the mattress.

The platform-top and convolute coil spring have metal bands on top, crosswise and lengthwise between the coils, while the convolute coils themselves have additional top spirals which flatten out when compressed. These provide a smoother, firm surface. The best coil springs have stabilizers or equivalent construction to prevent sway.

## Space savers

If your bedrooms are small, you might consider the popular headboard or "Hollywood" bed, which is simply a mattress and bedsprings on legs, with a headboard of wood or upholstered as you wish. In the twin-bed size, these are claimed to save 230 square inches floor space. You can also have twin beds joined to a single headboard, to give a double bed effect but individual comfort. These beds swing out to facilitate bed making.

## Your home deserves a FITZGIBBONS STEELBOILER

- Abundant, quick, radiant warmth
- Plentiful service hot water, tanklessly
- With any radiant heating system
- Ultimate economy with oil, gas, stoker, hand-fired coal.
- Convertible from one fuel to another should fuel conditions demand
- Sizes for any home, small or large.
Write for informative bulletin 401.

I. Q. answers

BALLOON FRAME: A system of framing, used mostly in residential construction. It is distinguished by its light-weight and economical use of wood. Its continuous vertical members (studs) extend from the foundation to the eaves of the house and minimize the natural shrinkage and expansion of wood which are due to humidity changes-thereby eliminating as far as possible any cracking of exterior finish, or the interior walls, floors or ceilings.


CANTILEVER: Projecting beam or series of framing members that are supported at one end only, such as a balcony or overhanging story. Weight at supported end maintains rigidity and balance.

CLERESTORY: Part of a building rising clear of adjoining roofs, the windows of which afford added light and ventilation to the interior.

FENESTRATION: The arrangement and proportions of windows in relation to the solid parts of a wall.

GAMBREL: A roof having two slopes on either side of the central ridge, the lower, a steep slope, the upper, a flatter slope; generally associated with Dutch Colonial houses.

LOGGIA: An open gallery with a roof.' It differs from a porch in being a more integral part of the main house.

LOUVERS: A series of narrow, horizontal slats (sometimes adjustable) sloped to admit air, but excluding rain and filtering sunlight. Venetian blinds operate on the louver principle.

MASTIC: A bituminous adhesive used to fill joints or fix finishing materials such as rubber tile or glass to another surface; also can be poured and troweled to form flooring.

MODULE: A standard unit of measurement. Recently, many building materials have been standardized in size to be multiples of an accepted module ( $4^{\prime \prime}$ ) so that all parts will fit together without cutting or waste.

ORIENTATION: Location of a house on its site in relation to points of the compass, in order to determine the most advantageous exposure for rooms and windows in a particular climate.

OVERHANG: A projection of an upper part of a house over the lower part; as the overhang of a roof.


QUOINS: Large stones or other material, which mark the corner of a building, door or window.

RABBET: A groove or slot arranged to receive another part which is placed later, such as the "rabbet" in a window frame in which screens and storm sash are fitted.

SLEEPER: Wood strips laid on a firm sub-base to receive finished flooring.

SPECIFICATIONS: A document prepared by the architect, supplementing the plans, and containing exact instructions for carrying out a building project. It includes a thorough listing of materials and equipment to be installed, and specifies type of materials and quality of workmanship. A contractor's bid is partially based on the specifications; they are a part of the final contract.

WORKING DRAWING: Accurate scale drawings of all parts of the building, prepared for the guidance of contractor and workmen.

SCORING: Credit yourself with one point for each correct definition and then add up the score. 13 to 16-Excellent; 9 to 12-Good; 5 to 8-Fair.


Stop suffering because rooms are miserably cold in mid-winter months! Fireproof, vermin-proof, Chamberlin Rock Wool keeps heat in, keeps you snug, warm and comfortable through cold months. It repays its cost in fuel savings in as little as 3 winters!

## IWSTALLATION IS HALF THE JOBChamberlim does it right!

Experienced Chamberlin craftsmen insulate carefully, thoroughly, filling all spaces WALL-THICK, missing none, blowing in genuine Chamberlin Rock Wool. GET A CHAMBERLIN FREE HOME SURVEY, for honest facts and answers. I'm listed in the phone book. Call me, your Chamberlin Man, today!

FREE BOOKI Already helped millions to amazing economy, year-round home comfort. Write: Chamberlin Company of America, Department 1282, Detroit 26, Michigan.

##  <br> Convection heat makes sense to me <br> Here's how Modine gives you these TWO GREAT HEATIIMG PRIIMCIPLES BLEMDED INTO ONE!



## YOU GET RADIANT HEATING

See those arrows coming from the Modine Convector Panel below the window? That's radiant beatigg - mild, radiant heat in just enough quantity to offset heat loss from window areas. But that's not all . .


YOU GET CONVECTION HEATING
These arrows indicate convection beating! Hot water or steam passes through copper heating unit which draws cooler, floorline air into bottom of convector where it's warmed, rises and then passes out through grille.

Result: Modine Convector Radiation gives you a modern, blended heating system for modern living . . . a heating system that provides individual room control . . . that responds almost instantly to sensitive automatic controls . . . that gives you gentle air circulation withtive automatic controis ... thats that wear out ... that costs less than any other form of radiation! If you're looking for dependable new hot other form of radiation! If you re looking for depender . . distinc-
water or steam heating comfort for a moderate cost home water or steam heating comfort for a moderate cost home ... distias
tive room charm and cleanliness without unsightly radiators - ask tive room charm and cleanliness without thightine Modine Representative listed in the "Where-to-Buy-it" section of your phone book, or write for new, free Convector Booklet! Modine Manufacturing Company, 1516 Dekoven Ave., Racine, Wisconsin.

## 7ladine

HOUSES
continued

Listed below are the building materials and equipment used in the six houses shown in this issue. Manufacturers names are given wherever possible.
Pages 50.55
Mr. and Mrs. William A. M. Burden, owners
Harrison, Fouilhoux \& Abramovitz, architects

FOUNDATION:
EXTERIOR WALLS:
White pine, white pine battens
ROOF:
20 year, built-up
INSULATION: Mineral wool
Mineral
DOORS:
Flush panel and to special detail
WINDOWS:
Wood casement, special
Glass
pittsburg
FIIEPLACCE:
Stone. Soapstone hearths
INTERIOR WAlls
Pecky cypress and plywood
FLOORS. Plywood Cor
FLOORS
HARDWARE: ${ }^{\text {Mahogany, }}$ carpet, linoleum
Satinchrome-Russell a Erwin Mig. Co
LIGHING FIXTURES:
LIGHTING FIXTURES:
Kurt Versen \& Rudolif Wendel
Electrical
Unit Heaters-Thermador Elec
PLUMBING FIXTURES:
KITCHEN EQUIPMENT
Cabinets, counters, dishwasher, garbage
disposer, range, refrigerator and fan-
FURNISHINGS:
FURNISHINGS:
Curtains-mustard yellow, hand woven-
Rug-brown, deesp cut pile wool-Kno!!
Rug-brown, deep
Cussocio-built $\begin{gathered}\text { Inc. } \\ \text { couch-off-white with black }\end{gathered}$ pattern, hand-woven-Knoll Associates Chairr-same as couch, or flamingo handDining table-natural birch-lsamu Noguchi

Dining chairs-birch plywood-Charles
BEDROOOM:
Desk and table-lsamu Noquchi
Rug-off-white wool string-Knoll Associates
sed cover-flamingo corduroy-Knoll Associates Inc.
Pages 56.58
Mr. and Mrs. John J. Dowdle, III, own-
Rodgers Associates, designers
FOUNDATION:
EXTERIOR WALLS
Brick, painted white
ROF:
Hesyy slate
INSULATION:
Ceiling batt--Johns-Manville Corp.
WOORS: metallic papar
White pine
windows:
Glass:
Goubie thick
FIREPLACE:
INermont marble
CEILINGS:
ALOORS:
Living room, original stone with carpets
Elsewhere, asphalt tile over concrete
Built-in fluorescent in living room and CONTROLS:
Minneapolis-Honeywell Regulator Co.
American Radiator \& Standard Sanitary
KITCHEN EQUIPMENT:
Cabinets-Youngstown
Fan-Pryne \& $\&$ Co., Inc.
Pages 59-63
Mr. and Mrs. Hugh Stubbins, Jr.,
owners
Hugh Stubbins, Jr., architect
(Continued on page 131)

## The Merriam-Webster Book of Biographies <br>  <br> gives essential facts about $\mathbf{4 0 , 0 0 0}$ noted people

Webster's biographical dictionary contains more than 40,000 concise blographles, with pronunclation of names and all essential facts, In cludes sclentists, statesmen, explorers, writers, painters, actors, radio personalittes eminent figures from every other field of activity. Prepared by the famous MerriamWebster editorial staff. An invaluable source of information for writers, speakers,
and readers. 1,736 pnges, thumb index. $\$ 7.50$. At your bookdealer, or from the publishers. G. \& C. MERRIAM Co., 723 Federal St., Springneld 2, Mass,

HOUSES
continued

FOUNDATION:
EXTERIOR WALLS:
$4^{\circ} \mathrm{V}$-jointed, tongue-and-groove eastern Roof:
4NSULATASM, and gravel
INSULATION:
Mineral wool; $4^{\prime \prime}$ in roof, $2^{\prime \prime}$ in exterior walls Exterior
Interion-llush solid core
Windows: hillow core
Proiected type-Hope's Windows, Ine.
GLASS:
$1 / 44^{\circ}$, polished plate in large openings FIREPLACE: FIREPLACE:
INTERIOR WALLS:
Plaster-U. S. Gypsum Co
$4^{4}$ V-iointed tongue-and-groove sugar pine, CEILINGS:
Acoustical plaster
Keone cement finish in baths and kitchen FLOORS:
Slate finished with hot wax
1/E"arpphalt tile over concrete
Basement-Granolithic finished concrete
hardware:
W. C. Vaughan ${ }^{2}$ Co., Boston

Kurt Versen
Circulating hot water radiant heat in concrete fioors
Wrought iron pipe-A. M. Byers $\mathrm{Co}_{0}$
CONTROLS:
Minneapolis-Honerwell Regulator Co.
PLUMBING FIXTURES
PLUMBING FIXTURES:
American Radiator \& Standard Sanitary
KITCHEN EQUIPMENT:
Cabinets-custom built
Counters-teak, marble and linoleum
Range-General Electric Co.
Refrigerator-Frigidaire, Div, of Generan Motors Corp.
Fan -Victor Electric Products
curto
cult
CURTAANS:
Pages 64-67
Mrs. Warren Delano Robbins, owner
Thomas Tileston Waterman, architect

FOUNDATION:
EXTERIOR WALLS
Cinder block and stuceo
Slate-Buckingham Quarries
INSULATION:
Johns-Manville Corp.
Weather strips-Chamberlin Co. of America Special,
FIREPLACE:
Antique mantels
OATERIOR WHALIS. Couvert Co.
interior walls
CEILINGS:
FLOORS:
Oak, herringbene parquat
Finish-Minwax Co., Inc.
HARDWARE:
CAINT: Cabinet Lock Co.

HEATHAlier Co.
heiling:
Oil-American Radiator \& Standard Sanicontrols:
Thermostat and aquastat-Minneapolis-
PLUMBiNG FIXTURES:
ALUMBING FIXXURES:
Corp.
KITCHEN EQUIPMENT:
The Kitchen Maid Corp.
FABRICS:
Scalamandre Silks
CARPETS:
Oriental
Pages 68-69
Mr. and Mrs. Spencer Waters, owners Terry and du Frane, builder

## FOUNDATION:

EXTERIOR WALLS:
ExIEld shingle (natural)
ROOFs:
So
Colonial except living room doors which (Continued on page 132)

A. Of course. It's attached right to my sink.
Q. How does it work?
A. Wonderful . . . it pulverizes all our food waste before it becomes garbage . . . and flushes it down the drain into the sewer.
Q. Bones too?
A. Oh, sure. Bones, pits, rinds, peelings, parings, trimmings and ash tray contents.
Q. Do you have to clean it?
A. Never . . IN-SINK-ERATOR's reversing action makes it complefely self cleansing.
Q. Where did you buy it?
A. From our plumber ... and he installed it, too. Q. Swell. I'll have Bob call our plumber tonight.

PRICE $\$ 119.50$ (Plus Installation)
FOR FURTHER INFORMATION-WRITE DEPT. G
IN-SINK•ERATOR
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Specializing Erclusively in the Menufectyre of Automatic Garbage Disposans Since 1938

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Provides Comfort through the Scientific Many-Layer Principle Millions of trapped-air cells in a thick, many-layer blanket - that's the secret behind kimsul* insulation! It's the reason kIMsUL means greater, surer comfort for your home.


KIMSUL Has the PYROGARD $\dagger$ Fire-Resistant Cover
For added protection, the many-layer kimsul blanket is entirely treated to resist fire and flame. Yes, even the cover is fire-resistant-making KIMsul unique among blanket and batt type insulations.


Won't Sag, Sift or Settle
Resists Fire, Moisture, Vermin
Termite-proof, fungus-resistant, permanent, KIMSUL is made to last the life of your home. Provides comfort and fuel savings year in, year out. Order kimsul from your lumber or building supply dealer. Put it in new-home plans.

## CHECK THESE 12 ADVANTAGES

1. High insulating efficiency.
2. Many-layer construction.
3. Packaged in easily-handied rolls and compressed to $1 / 5$ th installed length.
4. Prefabricated; fits standard stud and rafter widths - extra wide to provide fully insulated fastening edges.
5. Clean, non-irritating - no dust or sharp particles.
6. Lasting protection. Won't sag,
7. Resists fire, moisture, vermin - is termite-proof.
8. Floxible - fits in recesses and tucks around obstructions.
9. Use trimmed pieces for caulking.
10. Light in weight.
11. Low in cost.
12. Only KIMSUL has the PYROGARD fire-resistant cover.

## sift or settle. <br> *KIMSUL T. M. Reg. U. S. and Can. Paf. Off. <br> $\dagger$ PYROGARD trademark

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Kimberly-clark Corporation, Kimsul Division, Neenah, Wisconsin
Please send me the Free booklet, "How to Put Your Home in the Comfort Zone."
I am interested in insulation for:
$\square$ My present home
$\square$ The home I plan to build
Name.
Address.
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 for"Dininè Out" at Home!

Everlast Pie Plate Yourapies Will look better, taste better, when baked in the Wrought Aluminum Pie Plate. Flared edges, flower design

 Heigertmont Stares and (lift Slops - or write for wame of sour nearest dealer
just pen a wite

WINDOWS:
GLASS:
FIREPLACE:
Antique stripped pine-black slate facing INTERIOR WALLS AND CEILINGS:
Plaster
FLOOR 5:
Living room and hall, $12^{\prime \prime}$ oak, pegged HARDWARE:
Brass-old French in living room.
LIGHTING FIXTURES:
Lamps only, except for lead and glass PLUMBING FIXTURES:
Copper
linens glazed chintz, hand-quilted
linens, old silk damask
CARPETS:
White
TREES AND SHRUBS
linden, red and green beech, American spruce, privet hedges, rhododendron, junipers, barberry, magnolias, azaleas hydrangea, forsythia, wisteria, climbing

Pages 98-101
David Presley, owner
Gordon Drake, designer
Structon, contractor
FOUNDATION:
Reinforced concrete-California Portland EXTERIOR WALLS AND ROOF:
Stress skin plywood panels-The HomeOla
BUILT UP ROOF:
Covered with crushed brick-The Flintkote
continued

WATERPROOFING
Super Concrete Emulsions, Ltd
Outside walls and roof-Calotex Corp.
SHEET METAL WORK:
Aluminum flashing-Aluminum Co. of AmerCopper leaders-Revere Copper \& Brass WINDOWS:
Wood sash
Libbey-Owens-Ford Glass $C_{0}$
Frosted alass-Blue Ridge Glass Corp.
FIREPLACE:
Split Roman brick
NTERIOR PARTITIONS
ploorood
Monolithic concrete slab, integral color HARDWARE:
Schlage Lock Co., Grant Pulley and Hardware Co., H. G. Ives Co.

Sherwin-Williams Co.
LIGHTING FIXTURES:
Kurt Verse Co
Warm air-Thermador Electrical Mfg. Co.
Water heater-General Electric Co.
PLUMBING FIXTURES:
American Radiator \& Standard Sanitary Shower-Fiat Metal Mfg. Co
KITCHEN EQUIPMENT:
Counters-The Formica Co.
Range-Westinghouse Electric Corp.
Refrigerator-Westinahouse Electric Corp.
AUNDRY EQUIPMENT:
Washing ma
inghouse
FARMhouse
Cohn-Hall-Marx Co
CARPETS:
TREES AND SHRUBS
scotch broom, large leaved tropical plants

## DON’T WASTE FOOD

graciousness . . . lastingly lovely . . . satisfyingly functional . . . delightful to live with.
That's Colby's French Provincial . . . a full $\int$ selection in a new gallery
for your copy of our illustrated brochure. There is no charge.
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THE WATERS' HOUSE continued


SECOND FLOOR


The plan of Mr. and Mrs. Spencer Waters' house shows clearly how they fitted generously proportioned rooms into the almost-square structure of the old barn. There are more than a dozen closets affording excellent storage space. Two of the master bedrooms have cross ventilation, one has windows on three sides.


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c. $H A 1 / R$
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COLORFUL IIVING ROOM AND SUN ROOM GROUPINGS
For name of nearest dealer write Dept. G.


BEDROOM continued
Here is more information about the items appearing on page 81 .

All prices are approximate retail Mahogany furniture by The Kling Factories, Mayville, New York. Chest, $\$ 125$; mirror, $\$ 30$; dresser base, $\$ 120$; beds, $\$ 90$ each; night table, $\$ 40$.
Curtain fabrics by Nashua Mills, Division of Textron, Inc., New York, New York. White Everglaze chintz, $36^{\prime \prime}$ wide, $\$ 1$ yard; turquoise chintz, $36^{\prime \prime}$ wide, $\$ 1$ yard.
Carpet by Bigelow-Sanford Carpet Co., Inc., New York, New York. "Cassandra," aqua, $\$ 12$ square yard. Wallpaper by Nancy McClelland, Inc., New York, New York. White lilacs on light blue ground, $\$ 7$ roll. Venetian blinds by Hunter-Douglas Corporation, New York, New York. "Flexalum," white aluminum blinds with matching tapes, 75 c square foot. Accessories: English Victorian epergne, circa 1880, \$75, from AttmanWeiss, New York, New York.
Pink frosted glass candlesticks with crystal prisms, $\$ 145$ the pair, from Harriet Sherry, New York, New York.
The Kling furniture is available at the following stores:

## $$
1
$$ <br> <br> <br> 

 <br> <br> <br> } <br> <br> <br> }Los Angeles Sacramento.
San Francisco Denver ...
Hartiord Hartford
Milford Merryville Washington . Washington
Jacksonville Miami

## Atlanta

Moline Rorton
CALIFORNIA
-
COLORADO
Barker Bros CONNECTICUT

Dry Goods Co.
Waysiden Thomson, Inc.
Wayside Furniture Shops CT Of COLUMBIA FLORIWAWard \& Lothrop FLORIDA

Cohen Brothers GEORGIA. Hadley's Inc. ILLINOIS . . . Rich's \& Dietrich Furniture Shoppe INDIANA
Des Moines.
Lexington
Louisville
New Orleans . Boston
Fall River
New Bedford
Springfield

## Springfield. . Detroit

## Grand Rapids Kalamazoo <br> Kalamazoo

Monroe
Saginaw
Minneapolis
St. Louis
Newark
Albany

## Aibany Binghamto Brooklyn <br> Brooklyn Buffalo Cole

Buffalo
Corning
Corning
Newburgh
New York
Now York
Port Chest
Port Chester
Rochester.
Rochester
Syracuse
Syracuse
Yonkers
Akron
Cincinnati
Cleveland
Cleveland
Columbus.
Toledo.
Youngstown
Oklahoma City
Oklahoma City
Portland
Allentown.
Johnstown
Philadelphia
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York.

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SPINET JR. "G'" $\$ 89.00$ MOTHER . . . Start your child's musical education NOW this easy inexpensive way. Teach your child and learn to play yourself with the easy modern course of lessons furnished with SPINET Jr.
SPINET Jr. has four octaves of full size piano keys with soft celeste-like tone derived from tempered aluminum bars that will not go out of tune. The height of this attractive instrument is suitable for children or adults. Finished in brown leatherette. Height $27^{1 / 4^{\prime \prime}}$, length $29^{\prime \prime}$, width $13^{3 / 4^{\prime \prime}}$.
If your dealer cannot supply you send check or money order. No C.O.D.'s Express Collect.
WHITE-GERLAT CO. 1600 JUNCTION AVE. RACINE, WIS. Manulac of oducational instruments fog schools and music studios.

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Please send me your new booklet
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$\qquad$
Lity-

alta skiers study the pattern of their double-linked Christies.

## THE SKIER'S GUIDE

Last minute notes on resorts

No matter in which direction you turn these days there's bound to be a ski resort over the horizon, if not on it. The newest, Mad River Glen, is a $21 / 2$ mile area on the forested slopes and summit of General Stark Mountain, in the Green Mountains. This location, 16 miles south of Waterbury, Vermont, was chosen from among 28 possibilities examined during a three year survey by Roland Palmedo and J. Negely Cooke, members of Mad River Glen Corporation. The trails were laid out by Robert Schwarzenback, a member of the last Olympic ski team, with the assistance of Charles Lord of Stowe, who laid out the Nose Dive, Lord Trail and others at Mt. Mansfield. If everything has gone as planned, the new shelter, designed by the New York architects, Delano and Aldrich, should be ready and waiting for you on its well-protected natural shelf 1,600 feet up the side of General Stark Mountain. So should the chair lift, whose line, over a mile long, provides a vertical rise of 2,000 feet to the top terminal at 3,600 feet.

Mad River Glen has been designed to complement the Mt. Mansfield area which most experts have long considered tops in the East: the mountain rears up high enough to trap a lot of snow in the pocket, and conditions are reliable. Covering the eastern slope is an extensive system of downhill runs and 14 miles of touring trails. This year a new lift of the Constam alpine type will take skiers other than expert to a variety of new trails. For information, write the Lodge, Stowe 21, or write Stowe-Mansfield Association, Stowe, Vermont.

Just west from the big peaks of the Presidential Chain rises Cannon Mountain in New Hampshire, and up it goes the only Aerial Tramway in America, comprised of a little car that holds 27 people and wheels up 2,022 feet in less than 8 minutes, servicing trails and slopes laid out between altitudes of 2,000 to 4,000 feet. The Coppermine Upper Trail, for the expert, is one of the most delightful runs in New England, and often when the (Continued on page 136)


KITCHEN TIME-SAVER
All around the clock!
Shreds-Grinds-Mixes2R1

SHREDS fruits and vegetables for salads, desserts-GRINDS cooked meats for croe quettes, sandwich spreads, even grinds coffee-CHOPS nut meats-WHIPS cream, sauces, dressings,-GRATES cheese, cocoanut, potatoes, crackers-BEATS eggs -MIXES and BLENDS ingredients, for desserts, cakes, waffles, muffins, saladsTakes only seconds for every job!


PUREES vegetables and fruits for baby's diet, for invalids who must eat soft foodsPUREES vegetables for delicious soups.

LQUIDIZES fresh fruits and vegetables for delightful, vitamin-rich drinks-MAKES frosty milk shakes, egg nogs.


MIXES and BLENDS daiquiris, juleps, bar



TRM Speed Iron-Exclusive MagiKurve shaped for armholes, collarscurved "extra" point irons ruffles, frills. Air-cooled top, 3 heats for every fabric, side rests, beveled edges for ironing around buttons.


TRM- Speed Mix-Mixes, whips, stirs, beats, juices. 101 quick, quiet speeds. Exclusive push-button beater release, revolving turntable, 2 bowls, juicer. Portable mixing unit you can take to stove or sink.

## Yes, it warms even ADJOINING rooms !

 <br> \section*{\title{
This <br> \section*{\title{
This <br> <br> FIREPLACE <br> <br> FIREPLACE <br> <br> Actually <br> <br> Actually Circulates Heat} Circulates Heat}

The Heatilator Fireplace circulates heat to far corners of the room, and even into adjoining rooms. It draws air from the floor level, heats it and recirculates it. Avoids the waste and overheating of furnace fires on cool between-season days. Solves the difficult problem of heating basement sooms. Makes summer homes and camps usable weeks longer every year. Proved all over America.
Will Nof Smoke . . . The Heatilator is a steel form around which the masonry is easily built. Assures proper construction, eliminating faults that commonly cause smoking. Firebox, damper, smoke dome and downdraft shelf are built-in parts of the unit. Adds but little to the cost of the fireplace. Sold by building material dealers. WRITE FOR ILLUSTRATED FOLDER to
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552 E. Brighton Ave., Syracuse 5, N. Y.

## HIBATITATOR FIREPIACIE



[^5]
## SKIER'S GUIDE continued

more frequented runs are thoroughly beaten down, you'll find untracked snow there. High up on the mountain sits Mittersill, developed by Baron Hubert Pantz, and modeled after his famous Club Mittersill in Austria. This bright new center offers an authentic chalet and instruction under Benno Rybizka.

The base of operations for this section is Franconia, and for general information, write Cannon Mountain Aerial Tramway, Franconia, New Hampshire.

All of which leads us, and inevitably, to the Laurentians north of Montreal, where lies the most highly concentrated and publicized skiing development in North America. Mont Tremblant is, of course, the most popular spot there, but you can ski with varying degrees of elegance and comfort all the way from Shawbridge up past Labelle, the season lasting from mid-December into early April. Mont Tremblant certainly offers the finest downhill running in Eastern Canada, but some of you may prefer touring through the less frequented territory at Morin Heights or on the more accessible terrain around Shawbridge. Québec also has become a highly popular ski center in recent years, being within commuting distance of Lac Beauport, Valcartier and Mont Sainte Anne. The last, which towers over the famed shrine of Sainte Anne de Beaupré, is essentially a competitor's paradise. Among its attributes are a $11 / 2$
mile downhill run with a vertical drop of 2,100 feet, and an average gradient of 17 degrees, as well as a 70 -meter hill for jumping. La Province de Québec Tourist Bureau, Parliament Buildings, Québec, Canada, can give you details.

## West

Out West the mountains are bigger, the slopes are longer and timber-free, and the snow is so deep that you never have to worry about stumps or rocks or icy ruts. Sun Valley, Idaho, so far America's most glamourous ski resort, hardly needs an introduction. Its Swisstype chalets and lodges nestle in a broad valley with the foothills of the near-by Sawtooth Mountains rising on three sides. Its facilities are the best in this country, and its ski school is under the direction of the famous Otto Lang. W. P. Rogers, General Manager, Sun Valley, Idaho, or Union Pacific Railroad, Room 1151, Omaha 2, Nebraska, can tell you all you want to know.

You've probably read quite a bit about Aspen, Colorado, but did you know that you can ski right off Aspen Mountain into the main street of town? The lift begins not more than a five minute walk from the center, and from its upper terminal 3,225 feet above, there are more than twenty miles of trails and unlimited open slopes. There is also a 60 -meter jump, situated on the dump of one of the Old West's most famous silver mines. You can ski here (Continued on page 137)


Yes.even the plain woman looks fair, and the simplest menu takes on festive gaiety under the golden radiance of Taperlites. The smart wife and mother uses them every evening . . . to create a beautiful and tranquil atmosphere for the important meal of the day, when all the family is gathered 'round, and lasting impressions are made. Crystal, china, gleaming silver . . . and Taperlites! The appeal is irresistible, the picture of home one they will always remember with pride.

Recognize TAPERLITES by their graceful shape and satiny finish... by the fresh beauty of their pastel
 proudly erect, free from tipping and dripping. As leading drug, department, gift, Erocery and house-
res stores. ${ }^{\text {-Reg. U. S. Pat. Ott. }}$
WILL \& BAUMER CANDLE CO., INC.
CANDLE CRAFTSMEN FOR 93 YEARS
until June, studying with Friedl Pfeifer, if you wish. For information write to the Hotel Jerome, Aspen, Colorado.

Not quite so well known, but definitely a coming spot, is Alta, Utah, in the Wasatch Range. Alta has probably the heaviest snowfall of any place in the West and is renowned for its "deep powder." Skiing fast in 30 inches of new snow takes a little study, but Sverre Engen, a deep-snow master, is there to teach you how. For information write to the Alta Ski Lodge, P. O. Box 503, Salt Lake City, Utah.

California's great ski region is the Donner Summit, above San Francisco, and its most popular resort, the Sugar Bowl, developed under the guidance of the well-known Austrian skier Hannes Schroll. The season lasts from five to six months, with March and April offering the most delightful weather. William Wilson Wurster, the busy west coast architect, designed the lodge and several of the houses (see December House \& Garden). The chair lift, 3200 feet long, takes you to the summit of Mt. Disney at 1050 feet, and two adjacent rope tows are each approximately 1000 feet long. The runs vary from $2 / 3$ mile to $11 / 2$ miles. For information write to the Southern Pacific Company,

65 Market Street, San Francisco 5.
Above Portland, Oregon, rises Mount Hood, an extinct volcano which spreads long, smooth slopes down to the timber. The season begins early November and lasts well into June. On the open slopes, reached by a mile-long giant chair lift, you can ski for two days without repeating a run; and through the deep forest below the Lodge there are an amazing variety of runs, some of them so wide that the impression is one of open slope skiing. An exception is Blossom Ski Trail, a fast, twisting "woods running" trail which drops 2200 feet in less than four minutes. For information write Timberline Lodge, Timberline, Oregon.

Across the border rise the Canadian Rockies, where the powder snow lies a foot deep; where three-mile downhill slopes, a mile wide and with some stretches as steep as 40 degrees, are commonplace. You start pointing your skis downhill near the 8500 foot level, which is not so appalling as it seems at first thought. The mountain town of Banff is where you'll probably stay, and the best months are March and April. Write to the Canadian Government Travel Bureau, Ottawa, Canada, if you want to know more.

## BEDROOM continued






Selntion from
dx पsumitriowd
 Gtowp


Colonial and 18th Century
Bedroom Furniture in Solid Mahogany
Illustrated Booklet 10c pastpaid
The CONTINENTAL FURNITURE COMPAN


## PREVENTION

 continuedshould be re-waxed. It is available through lumber dealers, at about 26 cents a square foot for interior.grade, 30 cents for exterior Weldtex.
3. shrinkless, sagless curtains:

Celaloom, with its hand-loomed look, brings you "dimensional stability," which means that, regardless of weather changes or cleaning, it will not alter more than a fraction, if at all. Three years ago the Celanese Corporation began experimenting with these weaves, realizing that today's casement and picture windows, glass walls, sunrooms - in fact, our whole trend toward bringing the outdoors insidecall for specialized fabrics. The resulting variety of printed and plain Celaloom materials, power-loomed with Celanese Lanese synthetic yarns, gives an unusual amount of light and air but protects your privacy. Curtains of Celaloom even offer a considerable degree of acoustical control and insulation. A little shaking and brushing keeps them fresh a long time. All the Celaloom fabrics clean excellently. Some of the textured weaves can be tubbed in soap and water, drip-dried (not wrung out), and rehung without ironing. Typical prices range from $\$ 1.95$ to $\$ 5.50$ a yard. The Woodbeige 1062 swatch you see, page 75 , is $\$ 2.98$. in $50^{\prime \prime}$ width, at L. S. Ayres \& Company, Indianapolis.
4. Glass-cloth lamp shades:

It would be difficult to break Glastron lamp shades, made by the Phil-Mar

Corporation. Owens-Corning Fiberglahas been compressed into a flint-like. luminous but glareless lamp shade material, cleanable with a damp cloth. It has an interesting threaded look. Prices, depending on shade sizes, are from $\$ 1.95$ to $\$ 6.95$, at The Halle Brothers Co., Cleveland.
5. protective wall decoration:

Sanitas wall coverings are easy-upkeep personified. Now there is a sheaf of new patterns created by Joseph B. Platt. Their stain-proof quality and strength rest on four coats of baked-on paint applied over the sturdy fabric base. Designs are printed in fade-proof. washable lacquers. Sanitas will even reinforce old plaster, resist its cracks, cover patched or marred walls. Made by Standard Coated Products Division of Interchemical Corporation, Sanitas is $48^{\prime \prime}$ wide, averaging about $\$ 2.65$ for single rolls of plain tints, $\$ 2.85$ for the stripes, plaids and floral patterns, both modern and traditional. You can also have the wood and homespun textures which are of such current decorator interest. The pattern shown, on page 75, is Mr. Platt's "Swedish Modern," $\$ 2.85$, at W. P. Fuller \& Co., Hollywood and San Francisco.
6. tough floor covering

For your kitchen, nursery, entrance hall, or wherever the flooring takes hard use and requires frequent cleaning, Kentile, made by David E. Kennedy, Inc., is a happy solution. (Continued on page 139)


## PREVENTION continued

Practical because it is made in $9^{\prime \prime}$ squares and border strips, Kentile is quiet, resilient to offset abrasion, and slip-proof. What is even more important is its resistance to virtually all stains, especially those of a kitchen. Kentile, a modern achievement in flooring research, is also a decorative asset as it comes in 19 marbleized colors and three plain ones, at a typical price, at Hudson's in Detroit, of 35 cents a square foot installed. All the care it needs is mild soap and water and an occasional re-finishing with water emulsion wax to sustain its long life.

## 7. PLASTIC UPHOLSTERY:

Rugged, color-fast and washable, Duran is a proven all-plastic material you will find as upholstery on furniture in stores, or by the yard, if you want to have it tailored to your own pieces. Duran will not chip or fade, whether indoors or on your terrace furniture. It is materials like this vinyl plastic which make the palest pastels as practical as dark colors. Dirt and grime come off with a damp cloth or soap and water. No other Care is needed. The finish is grained to resemble various leathers. Made by Masland Duraleather Co., Duran by the yard is about $\$ 4$, at Erie Dry Goods Company, Erie, Pa
8. modern-day quilting:

The ancient domestic art of quilting
enters the electronic age with this new material. It is vinylite plastic by Bakelite Corp., which has electronicallywelded quilting. With its fire-proof cotton filling-the plastic itself is fire-retardant-it is heavy enough for furniture and head-board upholstery. It makes a luxurious wall covering, too. The yellow we show you on page 75 is only one of the colors available through your decorator from J. H. Thorp Company, New York, at about $\$ 10$ a yard in $48^{\prime \prime}$ width.
9. stain-proof wall covering:

More than just a plastic-coated wallpaper, Varlar is a fused, thermo-plastic wall covering, proof against virtually anything even remotely apt to attack a wall, from food stains to mildew. It is a soap-and-water modern, though there are a handful of stains-iodine and oil paint, for two-which must be removed by recommended solutions. The range of plain colors and prints, which look like hand-blocked wallpapers done in water-colors, is wide and well-planned for decorative schemes. Varlar is made $24^{\prime \prime}$ wide, in 50 -foot units, costing 10 to 15 cents a square foot. The wood-textured beige sample House \& Garden shows, page 75, is called Beverly Plaid. You can order Varlar through your decorator from Richard E. Thibaut, Inc., in New York.

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[^6]
## SILVER

soapy water by itself. After rinsing it thoroughly in very hot water, dry it while it is warm with a soft, absorbent cloth. Be sure it is dry before putting it away. Reasonable care will prevent serious scratches or denting, but don't grieve over those first minor scratchesthey work toward that patina. In fact, the "Butler's Finish" given to many patterns by the silversmiths to simulate and start a patina, is applied by covering the silver with a multitude of tiny scratches by means of fine abrasives or wire brushes. Then this roughened surface is rubbed to a softly glowing finish.

If your silver is allowed to darken enough to require a real cleaning, this can be made an enjoyable chore if done with the proper equipment, by easy methods and in a pleasant atmosphere.

Many skilled hands have worked on each piece to give it the finish you are preserving. There is where much of the hand work lies in modern sterling. In the so-called coarse finishing of your knife, fork or spoon, the pieces are pumiced, oiled and buffed over and over again, severally, then singly, with leather and stone buffs. The insides of fork tines, the bowls and handles of spoons, and all edges are smoothed to satin finish. The final polishing by the silversmiths repeats much of this, using finer buffs and with almost microscopic inspection. Then there is a hot oil bath, an acid bath to cut the grease, and another washing, this time in very hot, soapy water, followed by a thorough

## continued

drying of the warm silver-just as you do it. After another inspection, the silver goes to the wrapping departments, where, once again, it is examined and touched up if necessary before it is tucked away into tarnish-resistant tissues and cloths. (There are sometimes as many as 40 hand processes in finishing a single piece of sterling flatware. Add to this the prior steps in making the item, and the total handlings may reach to over 70.)

Your silver polishing kit should contain a cream or liquid polish sponge, clean flannel, chamois, a soft brush and an orange stick. Use the polish your jeweler or the silversmiths recommend. There are a number of excellent ones. Your pattern has been given the finish its design requiresbrilliant, or the softer gray, French gray or Butler's Finish. Some patterns are also antiqued by a special process which leaves highlights contrasted with darker areas. Your polishing method should be adapted to the finish. You may find liquid polish easier for ornate details, with a softened toothbrush to clean crevices and monograms. Paste polish may be easier on smooth surfaces. Whatever you do, don't scour your silver, and always use a lengthwise stroke in polishing, for an even luster.

For silver which is used decoratively such as candelabra, you may want a protective coating or lacquer. Remember, however, that lacquer is not satisfactory on pieces subject to the heat of hot foods and washing.

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Here is more information about the furniture, fabrics and carpet appearing on pages 92 and 93 .

All prices are approximate retail Page 92

Furniture by L. \& J. G. Stickley, Inc., Fayetteville, New York, and Syracuse, New York.

Cherry desk on chest, $\$ 185$ complete; cherry and maple armchairs (at desk and gate-leg table), $\$ 71$ each; upholstered easy chairs, maple, $\$ 110$ each; cherry coffee table, $36^{\prime \prime} \times 22^{\prime \prime} \times 17^{\prime \prime}$ (high), \$52; cherry cupboard bases, $\$ 120$ each; large round ( $72^{\prime \prime}$ diameter), cherry gate-leg table, $\$ 490$.

Upholstery by F. Schumacher \& Co., New York, New York.
"Clover" pattern on Aralac fabric by Folly Cove, Charcoal on beige background, $36^{\prime \prime}$ wide, 83 yard.

Carpet by Bigelow-Sanford Carpet Co., Inc., New York, New York.

Dawn Gray, Glentwist, $\$ 9.50$ square yard.

All prices are approximate retail Page 93
Furniture by L. \& J. G. Stickley, Inc., Fayetteville, New York, and Syracuse, New York.

Cherry cupboard base, $\$ 120$; large round ( $72^{\prime \prime}$ diameter), cherry gate-leg
table, $\$ 490$; cherry and maple armchairs, $\$ 71$ each; upholstered love seat, cherry, $53^{\prime \prime}$ wide, $39^{\prime \prime}$ high, $\$ 218$ (choice of cover) ; end tables, cherry, $25^{\prime \prime}$ high, $\$ 56$ each; upholstered easy chairs, maple, $\$ 110$ each; cherry coffee table, $36^{\prime \prime} \times 22^{\prime \prime} \times 17^{\prime \prime}$ (high), 852 ; cherry desk on chest, $\$ 185$ complete; upholstered arm rocker, cherry, $39^{\prime \prime}$ high, $23^{\prime \prime}$ wide, $\$ 91$ (choice of cover).

Upholstery. (On rocker). Central Felt Co., New York, New York.

All wool felt, turkey red, $72^{\prime \prime}$ wide $\$ 4.50$ yard.
(On love seat). F. Schumacher \& Co., New York, New York.
"Clover" pattern on Aralac fabric by Folly Cove, Charcoal on beige background, $36^{\prime \prime}$ wide, $\$ 3$ yard.

The Stickley furniture will be available at the following stores:

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## RISE AND SHINE

How to take care of your furniture

A house is like a person. If it is well A groomed and looks cared for, it is attractive. If it has a suggestion of dust, faded upholstery and a generally neglected air, it ceases to be inviting.

If your furniture is distinguisheda fine old piece or one of the meticulous reproductions-it is your duty to bring out the grain of the wood and the beauty of line. If it is less fine, it will be enhanced a thousandfold and made really presentable if you highlight it with thorough polishing.

There are certain basic rules for taking care of wood furniture. Do not keep your rooms too hot, but if you are one of those very chilly people, who must live in a tropical temperature, be sure to have a bowl of water near the radiator to humidify the air. Keep them filled. On no account place your furniture too close to the heat. Hot air causes wood furniture to dry and crack. Do not put it too close to the window, as dampness will cause it to swell, and strong sunlight will burn it. Always have coasters handy to put inder drinks. Have plenty of ashtrays, and use felt mats under your doilies at the table.

Wood furniture has three kinds of finish-varnish, lacquer (with wax often applied in addition) and shellac (used only on custom-grade furniture, which has had a hand-rubbed finish
applied at the factory). But the care of all three types of wood furniture is essentially the same. You must dust wood pieces regularly and carefully, using a dry, lintless duster. Before applying wax polish, be sure that the surface is absolutely clean. If there is a sticky film of dirt, make a light lather with a mild soap and lukewarm water, and with a clean cloth wash a small area, rinse off with another cloth and then dry. Remember that all cloths must always be clean and lint-free. If there is a caking of old wax on the surface, remove it by applying liquid wax freely, and wiping it off again immediately.

Now that your furniture is clean, start your polishing. You can use either a liquid polish or a wax. Both should be applied sparingly (always with a clean cloth). Allow to stand 15 to 20 minutes. Rub with another clean cloth, always with the grain, until no polish remains on the surface. If there is carving, use a soft brush to remove excess wax. Then rub with a soft flannel polishing cloth to a glowing finish. Remember that only oldfashioned "elbow grease" will give that patina which you are after, and to get it you must keep rubbing briskly and evenly, with the grain of the wood. Wax polish, incidentally, is available in different colors, light for (Continued on page 150)


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## SPYGLASS continued

celebrated her arrival at grandparent's estate by taking up painting and, this month, exhibiting at the Bignou Gallery. The gusto with which she digs into the color box is modified by a pretty taste in the interiors and exteriors of small South American towns. . . . George Morris, who recently held a successful Paris show, comes back to the Downtown Gallery with new abstractions that prove he knows where he's going. Honest cere bration rather than impulse are behind their large, firm designs and sober, handsome color. .. . From a first glance around Durand-Ruel's, Khmeluk's nearest ancestor appears to be Manet. On a second, you feel the Near-Easterner in his flashes of deep color and an almost too-luscious interpretation of still-life and flowers. . . . Reznikoff is Knoedler's protégé for February. He has developed a unique technique of paint-blots on many-layered cardboard. Limiting the outlines by sharp in cisions, he tears off sections of the surface to get an extraordinary variety of textures and delicate gradations of color. . . . Further noted: Siv Holme's rather sombre conventionalizations of houses and still-life, at Bertha Schaefer; Tschacbasov's alarming departure, at Perls', from his hieratic, stained-glass-colored women-a looming black gorilla against deep blue emptiness; at Macbeth, the first important show of Herman Maril since the war, confirming earlier estimates of his talent. ART BOOKS have enough informed readers today in America to keep the
publishers on their toes competing in price, interest and quality. Out of the new crop, Kurt Valentin carries off honors with a superb Guernica whose 100 -odd sketches and studies show how Picasso's masterpiece developed in his mind, gaining in intensity with each rearrangement. Over-long but at all times clear and often brilliant, Juan Larrea's text suggests that it takes one Spaniard to write intelligibly about another. There are two new works on Ingres, both up to the perfectionist standards of even this great draftsman. Ecrits sur lArt, in French by La Jeune Parque, is a typographically superb reprint of Ingres' own pithy and often re vealing statements on art. Pantheon's Ingres contains 24 silvery reproductions of his pencil drawings, each mounted separately and literally suitable for framing. Don't overlook the first-class book, H. Pippin, by Selden Rodman first writer to dig out some real facts about our leading U. S. primitive if expensive, it's a most promising first publication of the new Quadrangle Press. . . . There are two newcomers in the periodical field, possibilities, 1 (an occasional review) and the quarterly The Tiger's Eye; both are published by Wittenborn, call for a high degree of esthetic sophistication. . . . The best Annual ever produced by Art News, dealing mainly with those photogenic French tapestries which have been piling up attendance at the Metropolitan, deserves the place of honor the old Paris Illustration once occupied on the American library table.


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## GARDEN NOVELTIES

$\mathrm{A}_{\text {rewt }}^{\text {rdew }}$ gardeners, paging through A new catalogs, will find many a temptation hard to resist. We are beginning to reap the benefit of novelties hybridized during the war and now produced in sufficient stock for general distribution. In January quite a number of these were mentioned. Since then they have flooded in.

Among new roses are: Pink Satin, a non-fading, constant-blooming, rosepink floribunda; Rosy Morn, which also blooms abundantly in tints from peach to salmon; Bright Eyes, a creamy yellow floribunda and Pink Rosette, a strong grower bearing peachpink buds.

## Chrysanthemums

New chrysanthemums came in a deluge. You can have Yellow Glow in soft orange-buff, peach and bronze with $3^{\prime \prime}$ flowers in October; Carnival in bronze, red and golden-bronze. For mid-September bloom comes Golden Sunset, a large-flowered, orange-gold with reverse red petals. England sends us four new kinds: Duchess, a decorative rose-pink with silver reverse; Orange Gem, bronze; Superior, a large-flowered henna with gold reverse, and Copper Quill, coppery-gold to Indian red. From the mid-West we have Pimalia, a late-blooming, lightquilled pompon in soft lavender-pink; White Coreopsis, a single with large white petals; Pemrova, a large-flowered pompon in Dubonnet red; Mandarin, with small, ball-shaped flowers in orange; and Lavender Maid, a dahlia type in deep lavender.

## Fall asters

Four new Michaelmas Daisies are offered: Blue Symphony, in light silvery-blue, and Olga Keith, a 2 rounded bush with mauve-pink blossoms. Prosperity bears large deep rosy-pink flowers early in September and grows to $4^{\prime}$; and an equally high variety called Plenty, with soft blue flowers as large as single annual asters.

For the collector of dianthus, four new pinks are available. Wallace, red; Unique, a fragrant double carnation blooming all summer; Salmon Unique and Dubonnet. There is also a carnation called Serena-a fragrant, double ivory-white $12^{\prime \prime}-15^{\prime \prime}$ high.

Two new rudbekias come to brighten fall gardens: the crimsoncoral Bright Star which grows to 2 , and Golden Storm, yellow with black centers, rising to $18^{\prime \prime}$.

## Assorted lot

Now for a grab-bag filled with prizes. A $2^{\prime}$ helenium called Sunburst, bright yellow, flowers in August and September. Thalidrum Lavender Mist, hailing from Bulgaria, bears lavender flowers and has foliage like a maidenhair fern. A $3^{\prime}$ coreopsis, Baden Gold, in chrome yellow, promises long bloom. Penstemon Rose Elfe is a compact, lowgrowing barbatus type, the color of its name. For hot, dry places a new thyme, T. vulgaris Sicily, has minute dark green leaves. An excellent Shasta daisy, Totty's Special, has bright white petals with a rich golden center. Blooming in June, it can be used to great advantage in front of delphiniums.

Two new monardas are available: a deep purple-red that grows $3^{\prime}$ and is called Sunset, and a pink variety, Kroftway Pink. Nepeta massini super$b a$ is low, compact and bears deep blue spikes of flowers. A bright yellow achillea, Golden Plate, grows to ${ }^{\prime}$ whereas Snowball, a double-flowering form of A. ptarmica, attains only $15^{\prime \prime}$. Both of these need sun. If you want flowers from February to April, in some shady spot, try plants of Helleborus orientalis atropurpurea, bearing crimson-purple flowers on $12^{\prime \prime}$ stems. For contrast in the border White Giant tritoma with cream-white bloom to $4^{\prime \prime}$ is offered. There's a new anthemus called Golden Dawn, with non-fading, clear yellow flowers on stiff stems.

Two more perennials, phlox this time: Miss Copjyn is distinguished by erect growth and massive trusses of pure, clear pink with carmine eye. The other is Chesapeake, the semi-dwart type with dark Tyrian rose undivided flowerets and silver reverse petals. A compact grower, its foliage is dark green and resistant to disease.

Among new shrubs is the fragrant azalea, Hino-Crimson; Weigelia vaniceki, hardiest of all and resistant to winter kill. Red flowers are borne intermittently to frost. A new scarlet maple tree bears the name Acer schwedleri nigra. And finally, once more on the market, is the climbing hydrangea, H. petiolaris.

## For young gardeners

While not a "novelty" as novelties go, a new method of appealing to child gardeners is to appear shortly. It is Color-in-Garden for Boys and Girls-a fine selection of annual flower seeds. Richardson Wricht


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GREENHOUSE
continued

| Crop | February operation | Subsequent operation | Time of maturity | Notes |
| :---: | :---: | :---: | :---: | :---: |
| Lilium giganteum | Blooming |  | - | From November-planted bulbs |
| Lilium giganteum | Pot early February |  | May | With temperature running near $65^{\circ}$ |
| Lilly of the Valley | Bench | - | In three weeks | Grown in covered frame. $75^{\circ}$ top heat; $80^{\circ}$ bottom beat; third week give air and light gradually |
| Roses (pot) | Raise tempera. ture to $55^{\circ}$ | Raise tempera. ture to $60^{\circ}$ in March | April | Drop temperature -lightly to hold btooms |
| Saintpaulia | Start shading glass this month |  | - | Add more shade as light intenaity heightens |
| Tagetes patula | Plant 3 or 4 seedlinge to $5^{\prime \prime \prime}$ bulb pan |  | April-May | Like it a little cool-good temperature near $55^{\circ}$. |
| Torenia fournieri | Set 3 or 4 seedlings to $3^{\prime \prime}$ bulb pan |  | June-July | For bedding use, sow seed now and carry along in pota |
| Tulip Darwin | Bring in from storage |  | In five <br> or six weeks | Often $70^{\circ}$ temperature need ed to keep them moving |

February days are much longer than those of a few weeks back, almos the length of October days. The sur is much higher and stronger, too. This combination makes for wonderful growth in plants. It follows that there will need to be more watering and feeding. Too frequent feedings of commercial fertilizer tend to sour the soil. Be ready to counteract this.

Always water-in a feed whether it is a prepared fertilizer or liquid. The watering will carry the feed all through the bench or pot and every root will have a chance at the nourishment.
or six week
On particularly warm, bright days greenhouses sometimes smell dry and "cementy." When this occurs it is well to take the hose and shoot water around under the benches, against concrete walls, and on to the walks. This will restore considerable humidity and check excessive drying.

One word of caution concerning flats: Have you ever had a strip of the bottom fall out of a flat when you picked it up? That instantly makes a mess of a few months' work-wipes it out. Before filling a flat with soil make sure the bottom is perfectly secure.

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## The New ROSES tor 198

Again, look to Wayside for the last word in beautiful new roses to add to your old favorites - to make your rose garden more lovely, more permanent than ever. We've listed a few of them here.

Son Fernende - long, pointed, bright vermilion buds; elegant, fully double flowers of scarlet. Intense, lasting fragrance. All-America Selection for 1948.

Wecturne - deep, rich red with maroon shadings. Strong bushes produce many flowers on individual stems. Buds long and graceful. All-America Selection for 1948.

Hill's Hillbilly - a superb pink Floribunda, with the charm and grace of a wild rose. Satiny, cup-shaped blossoms, June until frost. One spray is a bouquet in itself.

Hilltap - beautifully shaped. Deep capucine buff, with edges toward pale, pinkish buff. One of Hill's finest. An aristocrat.
Bright Eyes- a continuous profusion of creamy yellow blossoms. Tips change to shimmering, silvery yellow, sometimes tinted with pink and rose. Destined to become a most popular Floribunda.
Taffeta - a multicolored Hybrid Tea with begonia and carmine predominating; considerable yellow at base. Medium-large flowers, excellent for cutting. AllAmerica Selection for 1948.

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## CHARLESTON OPEN HOUSE

Her delightful houses will be shown to the public for the first time this spring

Dublic-spirited Charlestonians have Plong been concerned for the preservation of her wonderful old houses. Now a civic organization has been formed to raise money and to arouse greater enthusiasm for them. The result is that 32 of the most interesting houses, historically and architecturally, will be open to the public for five
w weeks, March 15 to April 16. This is a beautiful time of year in Charleston. The Magnolia, Middleton Place and Cypress gardens are at their best, so that thousands of people make annual pilgrimages to see them. With the added attraction of the tours, a trip to Charleston this year will be especially delightful. You will be able to see the

## TABLE <br> continued

old houses outside and in, with their family heirlooms of Colonial furniture, paintings, china and silver. Sixteen of them will be open each day, Monday through Friday. Each tour includes four houses, which number superb examples of the Adam, Greek Revival and classic Colonial styles, as well as the typical Charleston "single house." This turns one end to the street and has long piazzas along the side to catch the prevailing breeze from the harbor.

Fees from the tours will go toward the work of the Historic Charleston Society at 135 Church Street, Charleston, South Carolina. For detailed information, write to this organization.


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Here is information regarding the accessories on page 91.

All prices are approximate retail
Lazy Susan, $\$ 35$; jam pot, $\$ 6$ set of two; two wooden trays, $\$ 6$ each, all from Georg Jensen Inc., New York, New York.
Chemex coffee maker, luster finish, quart model ( 2 to 6 cups), $\$ 7.50$; filters, $\$ 2$ for 100 , from Lewis \& Conger, New York, New York.

Thompson's "Swedish" patterned salt shaker and pepper mill, $\$ 7.50$ the pair, from Parker \& Battersby, New York, New York.
Covered French casserole, $61 / 2^{\prime \prime}$ diameter, $\$ 1.50$, from Hammacher Schlemmer, New York, New York.
Wood inlaid birdcage, 842.50, Newel Art Galleries, New York, New York.
Rustic armchairs, $\$ 95$ each, Jacques Bodart, Inc., New York, New York.


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Each 75 \&; Doz. $\$ 7.50$ Sahara-New, smoky, sand-colored florets tinged with light brown. Silver Gull-Silver-bluish grez $\$ 2.50$ with a creamy blotch.

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light wood, dark for dark. In your enthusiasm do not wax too often or you will defeat your purpose. Once every two months is quite enough. In between polishings, in addition to your regular dusting, give the furniture a good rubbing every week. Use a soft flannel polishing cloth and rub with the grain until the surface shines and glows and the beauty of the grain is apparent.

Despite perfect care, damage will occasionally be done. The most common disasters are water marks, alcohol rings, ink stains and heat marks. On a wax surface, water marks can be removed by taking off old wax with liquid wax, then applying a fresh coat. Fresh alcohol stains should be rubbed quickly with fingers or an oiled cloth. For old stains, mix powdered pumice and lemon oil to a creamy paste. Apply the paste, rubbing with a circular

## SHINE continued

motion. Wipe off and rub with a flannel polishing cloth. This treatment is not guaranteed, and re-finishing may be necessary. For ink spots, you can only do something if the ink is freshly spilled. Blot up the surplus, press a damp cloth firmly on the spot, do not rub. Old ink spots will require refinishing. Candle wax is another serious problem. For that, you remove surplus with a piece of stiff cardboard, then wash with warm, mild soapsuds. If that has no effect, dry thoroughly and rub with a cloth dampened with carbon tetrachloride.

This sounds like a lot of work, and it is. It requires a great deal of persistence to keep furniture looking its best, but the shining surfaces, reflecting the lamplight, the clean fresh smell, the unexpected beauty of the wood, will more than repay you for all your effort.

## TURNER KITCHEN continued

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## FLOWERS

continued from page 87
cover the bare places. The problem may also be solved in gardens where shade is not dense and where the soil is of good tilth, and fine color effects gained with the following suggestions:

Plants of the garden fuchsia, $F$. hybrida, in pink and blue, and the blue Torenia fournieri, or wishbone flower, bought in late spring, may be planted in front of and between those perennials which will become dormant. Torenia has the color of blue and yellow pansies. Another color scheme, with torenia, is to use the old time house plant impatiens, or Zanzibar balsam, in a salmon shade. Other varieties range from pink to crimson. A third and very fine choice would be the well known wax begonia, or the increasingly popular tuberous begonias.

It is possible to increase begonias, torenia and impatiens so that they will spread along the foreground of your garden. Make cuttings as the plants become bushy-by simply breaking off three or four inches of stem, planting so as to cover a joint or two, and keeping the pieces very moist and shaded until they become rooted. With these young offspring, the season may be easily extended into fall.

Another way to fill the gaps left after early blooms have fallen is to grow nicotiana, sweet-scented tobacco, from seed for summer and autumn flowers. Many lovely kinds, mostly in
white and velvety red, offered in the catalogs, will perfume the evening air. During a wet spring countless nicotianas will come up as volunteer seedlings. Move the sturdiest to places where they will give a bright note to the garden after the spring show is over.

Consult lists of shade-loving and shade-tolerant plants. Since moisture and shade are such variable factors, we can only be sure which are the most desirable plants for our gardens by trying some of those recommended.

The following are usually less than one foot in height:

Ajuga genevensis, Geneva bugle, $6^{\prime \prime}-1^{\prime}$. May. Above this good carpet plant come whorls of attractive blue flowers. For a location where grass refuses to grow, try this and if it gets established it will throw out new plants from runners that grow in all direc tions. Leaves which are retained all winter become reddish in the cold, but retain a fresh green look if they happen to have an oak leaf cover. There are horticultural varieties with white or pink flowers, bronze or purple leaves.

Convallaria majalis, lily-of-thevalley, $10^{\prime \prime}$. May. These plants have everything except evergreen foliage. They are easily grown and the nodding flowers have fragrance and good form. Reserve a shady spot, and give fertilizer and good soil. A word of warning(Continued on page 152)

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## FLOWERS

continued from page 151
don't take many leaves when you gather bouquets or the next year's crop will be reduced.

Cornus canadensis, bunchberry, dwarf cornel, or crackerberry, $6^{\prime \prime}$. June, July, native. If you live at an elevation or in New England, you may grow this miniature relative of the white flowering dogwood. The clusters of small red berries in the center of dark green leaves make it an ideal ground cover for the shady garden.

Gaultheria procumbens, wintergreen or checkerberry $4^{\prime \prime}$. May to September, native. This low evergreen with leathery leaves has small white nodding flowers plus a scarlet, edible fruit. It helps to give variety to the underplanting. It is pleasant to break off a leaf and chew it for its wintergreen flavor.

Hepatica triloba, liverleaf, 6" April, native. A wild flower with threelobed leaves that make an attractive ground cover which remains until spring, although the leaves become brown and dry by winter. New leaves come in spring after the flowers, which may be pale pink, pale blue, or white. Look for it in chilly April or before.

Maianthemum canadense, wild lily-of-the-valley, $6^{\prime \prime}$. May, native. The neat, round leaves on short stems look well when a colony is established. Rosy speckled berries replace the small white flowers. If you have beech trees, use this plant beneath them-they grow in such places naturally.

Mitchella repens, partridgeberry or twinberry. June, July, native. The stems of this creeper root along the joints to form an evergreen mat. Small white flowers are followed by much admired, edible (but insipid) red berries that last during winter.

Sanguinaria canadensis, bloodroot, $8^{\prime \prime}$. April, native; no summer foliage. The bloodroot's fragile white flowers with clear yellow centers come early and last only a few days but their fleeting beauty is worth having. Attractive, palmately-lobed leaves may grow a foot across by summer, at which time they begin to die down until the next spring.

Vinca minor, periwinkle, $3^{\prime \prime}$. April. Nothing can surpass this refined, extremely hardy, trailing evergreen. The dark blue-green leaves are glossy throughout the winter. In Bowles Variety the flowers are large and blue. Even as late as December, during a mild winter, a few blossoms may be found among fallen leaves.

Viola papilionacea, butterfly violet, $6^{\prime \prime}$. April, native. It is true these violets need resetting and discarding when they increase beyond your needs, but they are worth the trouble it takes. The type mentioned is robust with deep violet flowers and broad leaves. It is the violet grown in dooryards and along paths for generations.

## Tall plants

The following plants are $1^{\prime}$ to $2^{\prime}$ (Continued on page 153)
 in sash panels that go together with bolts and screws. No cutting . . . no fitting. Simple to erect anywhere any season. Suitable for growing anything from violets to orchids. $\$ 370$ buys it complete, ready to go on foundation prepared by you. Carefree Automatic Ventilation and Electric Heat Now Available. Other sizes both attached and free-standing 5 by 10 ft . to 13 by 26 ft . from $\$ 158$ to $\$ 739$. Write for Catalog.


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tall, depending upon conditions and varieties.

Dicentra eximia, fringed, everblooming, or plumy bleeding heart, $1^{\prime}$. May to August, native. Unlike the showy bleeding heart, this native wildflower does not disappear in summer. Pale pink blossoms appear over a long season. The finely cut, pale green leaf masses are unsurpassed in beauty and give the garden a cool appearance even in hot weather. A new white form, Sweetheart, is listed under Dicentra formosa.

Mertensia virginica, Virginia bluebells or Virginia cowslip, 1' to 2'. April, May, native; no summer foliage. This choice plant has showy flowers shaped like funnels in drooping blue clusters which turn pink as they fade. For a splendid combination, interplant them with narcissus or allow them to naturalize with ferns in open woodland where they will not be disturbed.

Myosotis palustris semperforens, forget-me-not, 18". April. Choose these to carpet the border with a beautiful clear blue and expect bloom each year. Use them to cover the ground between tulips and other spring bulbs. They are easily raised from seed. Damp, shady places suit them perfectly.

Phlox divaricata laphami, blue phlox, wild sweet william, 1'. April, native. Nothing excels blue phlox as a companion for tulips and narcissus. The open clusters of fragrant lavender blue flowers in this, the variety most often used, lends distance to the garden and gives a soft effect to the sturdy, gay spring flowering bulbs.


## Golden Rocket

NEW EARLY SWEET CORN biggest, sweetest yet

Next to the largest tomatoes in the neighborhood, most amateurs want to grow the earliest sweet corn. Earliness was formerly obtained at the cost of size, yield and flaver, but the new Golden Rocket hybrid upsets all precedents. Maturing in 65 days, it bears ears 8 inches long, with 12 straight rows of kernels, on stalks 6 feet tall. The yield and quality are amazing, for the brief time it takes to


Podophyllum peltatum, wild mandrake, May apple, $1^{\prime}$. May. Think of a slashed parasol and you will have a picture of the distinctive foliage of the wild mandrake. Leaves are often a foot across. An edible yellowish berry up to $2^{\prime \prime}$ in diameter is the reason for the name May apple. Note: foliage and roots are poisonous and you won't care for the tasteless fruit.

Polemonium reptans, Jacob's ladder, Greek valerian, 1'. May. Drooping, clear blue flowers and delicate dissected leaves make this a nice companion plant for Dicentra eximia in a pink and blue color scheme.

Pulmonaria saccharata, Bethlehem sage, 1'. April and May. Try this distinctive ground cover with white or reddish-purple flowers and ornamental clumps of large lance-shaped leaves, mottled with silver.

Trillium grandiflorum, great white trillium, $11 / 2^{\prime}$. May ; native, no summer foliage. This elegant and effective trillium improves under cultivation to form large strong clumps. Large white flowers turn pinkish as they fade.

## Higher plants

In general, these are tall perennials. The size depends upon conditions and varieties:

Arisaema triphyllum, jack-in-thepulpit, $1^{\prime}$ to $3^{\prime}$. April and May; no summer foliage. Native plants with a clean, green striped spathe, or one with deep purple striped arches over some of the "jacks." Others have an unstriped pulpit. The clusters of bright red berries (Continued on page 154)


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## FLOWERS

## continued

that follow brighten the autumn woods. When this plant likes the garden conditions, it will shoot up to $3^{\prime}$, have stalks, and colonize.

Astilbe japonica, 1'6'. June. These strong, attractive plants, with white, pink or red feathery plumes, are happiest in rich soil with abundant moisture. Use the catalogs for the descriptions of many beautiful varieties.

Chelone, turtlehead, 3'. August and September. Although it enjoys wet places, this native succeeds in moist gardens as well. The two-lipped flow. ers give the plant its common name. C. Iyoni, with pink flowers, is pleasing in combination with C. glabra, with white flowers. The blue-green foliage is smooth and disease resistant.

Cimicifuga racemosa simplex, bugbane, snakeroot, 3'. June, native. A dignified background plant with long compact spikes of white flowers that are fine for cutting. The compound leaves are decorative in any hardy border in semi-shade.

Dicentra spectabilis, bleeding heart, lyre flower, 2' to 4'. May; no summer foliage. Pendant, heart-shaped pink flowers are gracefully arranged in sprays. Smooth blue-green leaves are much divided. In a shaded garden the foliage lasts well into summer; in sun, it disappoars soon after the flowers are gone.

Hemerocallis, daylily, $11 / 2^{\prime}$ to $5^{\prime}$. May to September. Daylilies have wonderful flowers on stems up to five feet, above narrow, healthy leaves, and bloom month after month throughout the growing season if selections are carefully made. The color range varies from pale yellow to maroon and from uniform to patterned effects. Some are fragrant. There are dwarfs, $18^{\prime \prime}$ to $24^{\prime \prime}$
for edging. Daylilies are easy to grow in shade half the day.

Hosta subcordata grandiffora, big plantain lily, 2'. July and August. This plantain lily, of the family known also as funkia, is excellent, with large white lily-like flowers that have a delightful fragrance. Glossy, strongly grooved overlapping leaves make a bold ground cover with a $3^{\prime}$ spread per plant. Hosta affords good protection for lily bulbs.

Smilacina racemosa, false Solomonseal, wild or false spikenard, $\mathbf{1}^{1}$ to $3^{\prime}$. May, native; no summer foliage. The terminal panicle of its white flowers may be four inches long. Red berries with tiny speckles follow the flowers. Flexible stems arch gracefully, making a sturdy plant community. It is lovely with ferns on the shady side of the house or in the rear of the garden.

Thalictrum, meadowrue, 4'. June o September. These are excellent plants with yellow, white and lavender tassel-like flowers and airy foliage. Exquisite at close range, they soften the landscape and remain charming all season.

## Ferns

Half a dozen ferns are suggested to grow under your trees:

Polistichum acrostichoides, Christmas fern; Adiantum pedatum, American maidenhair; Osmunda claytonia, interrupted fern; Athyrium filixfemina, lady fern; Thelypteris noveboracensis, New York fern; and Osmunda cinnamomea, cinnamon fern.

Shade need not be an obstacle if you wish some colorful perennials. It is an advantage when a restful garden is desired. Many of the plants described above do well only in semishade where the soil does not dry out.


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5. Persistent hoarseness, unexplained cough, or difficulty in swallowing.
6. Bloody discharge from the nipple or irregular bleeding from any of the natural body openings.
7. Any change in the normal bowel habits.


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## Gardening

"Safeguarding Your Trees" tells how to plant and care for shade trees. Hlustrations indicate how to prune, spray and feed them. Davey tree experts are trained to cope with such problems as decay, weak branches, wind damage, etc., and their knowledge, set down in this booklet, will aid you in protecting your trees. The Davey Tree Expert Company, Kent, Ohio.

Vigoro Beauty Plans show landscape designs in colored easy-to-follow dia grams. The plans were drawn by C. D. Wagstaff, American landscape architect, and contain a plant key and instructions. A pamphlet entitled, "What You Should Know About Vigoro," tells about this plant food for lawns and gardens, and a master gardener's chart gives instructions for using. Pamphlet free, landscape guide 10c. Swift \& Co., Plant Food Division, Union Stock Yards, Chicago 9, Illinois.

A Seed Catalog lists tuberous begonias, Pacific Coast lily seeds and "giant midget" petunias. Five types of California stocks in new colors are shown. Eight color pages illustrate flowers and roses. California pelargoniums and fuchsias are shown in color and described. To assist gardeners, a monthly planting calendar is included. Hallawell Seed Company, 519 Market Street. San Francisco 5, California.
"The Mission Trio," three new rose varieties, are presented in color in the booklet, "California Sets The Fashion." Choice perennials, flowering plants, long-stemmed violets and other garden favorites look life-like and natural in this catalog. Descriptions and plant notes are included. Germain's, 625 S . Hill St., Dept. HG-2, Los Angeles 21.

Asters, Roses, Dahlias are shown in full color in a new garden book. The planting charts are drawn to scale, garden plant notes are included. Standard fruits and vegetables appear as do begonias and gladioli. Lagomarsino of California, Box 115 M, Sacramento, California.

Debonair and Nocturne are among new roses shown in Totty's spring catalog. Beautifully illustrated, indexed and described, the selections also include hardy perennials, chrysanthemums, vines, shrubs and novelties. You will find many old garden favorites with accompanying cultural notes. Totty's, Box G, Madison, New Jersey.

A Bulb and Plant Catalog describes hybrid tea roses, gladioli, dahlias, chrysanthemums and many other flowers. A second catalog tells about seeds and horticultural notes are included. Both books available for 10c. Flowerfield Bulb Farm, Dept. 11, Flowerfield, Long Island, New York.

Wayside's New Catalog contains, as always, a wealth of cultural notes which should help you to reproduce the roses, phlox and bulb selections shown. Color photographs and plant charts give in valuable aid. A complete index of gardening is included. 50 c . Wayside Gardens, 30 Mentor Ave, Mentor, $\mathbf{O}$.
"Home Garden Guide" contains an extensive list of seed varieties for both flower and vegetable gardens. This

Combination Windows-self-sforingcombine summer screens and winter sash in one permanent unit. The windows slide and lower into place depending on the weather. A ventilation control is also featured, F. C. Russell Co., HG 2, Cleveland, Ohio.

## Heating

The Heatilator Fireplace has a double. walled firebox. Cool air enters the heat ing chamber and returns to the room through grilled openings. Any style fireplace can be built around the Heatila tor and specifications show that units are available in seven sizes. Accessorie are pictured. Heatilator, Inc., HG 2 , Syracuse, New York.
"Comfort That Pays for Itself" tells of the development of home insulation and shows installation of Rock Wool This blown insulation is not combustible and is shot into every insulatable area to prevent leaks or thin spots. Johns-Manville Corp., HG 2, 22 East 40th Street, New York 16, New York.

A Comfort Zone for your home is discussed in the Kimsul booklet. The benefits of uniform temperature with many-layer Kimsul are explained and illustrations show how the insulation is prepared and compressed to $1 / 3 \mathrm{its}$ length. Directions for installing are included. Kimberly-Clark Corp., HG 2, Neenah, Wisconsin.

Balsam-W ool, a sealed insulation, is made in three thicknesses, has a Spacer Flange which fits over and is nailed to face of stud, joist, or rafter. This insulation is moisture-proofed, wind proof, and fire resistant. Questions and answers on insulation are included. Wood Conversion Co., HG 2, 1st Nat'1 Bank Bldg., St. Paul 1, Minn.

## Miscellaneous

"How to Make Your Floors Important" is a little folder about Kentile. This tile comes in several shades and patterns, and designs can be laid according to your taste. Kentile won't absorb dust or mud, is kept clean by soap and water and an occasional waxing, is ideal for kitchens, game rooms, etc. David E. Kennedy, Inc., HG 2, 50 Sec. ond Ave., Brooklyn, New York.

Anchor Fences are both a beauty and a protection. Photographs illustrate styles and uses. Single and double gates match fence styles. Anchor Post Fence Division, Anchor Post Products, Inc., HG 2, 6550 Eastern Avenue, Baltimore 24, Maryland.
"Flexscreen" is a safety fireplace cur tain device. It is shown in five styles and opens and shuts like a theater curtain. Flexscreen is made of woven metal fabric, so fine it hangs in folds. Inter meshed construction provides protec tion against flying sparks. Bennett-Ire land, HG 2. Norwich, New York.
"Record Time" is a fascinating little booklet explaining the Young People's Record Club and the artists, writers and child psychologists who contribute to it. The records are created to develop the child's love for music and are made for children 2-6, 7-11. The YPRC phonograph is described. Young People's Record Club, HG 2, 40 West 46th Street, New York 19, New York.


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# TURNTABLE 

warm-blooded music



Hward Hanson, the American composer, once remarked that "there are essentially two types of music, warmblooded music and cold-blooded music." He didn't go on to specify which composer wrote what kind, but he did say that his own "Romantic" Symphony No. 2 was of the former variety. If that's the case, so are all of the works featured in this month's Turntable. Beethoven's "Eroica" Symphony, certainly. Beethoven is one of the most prominent of the warmblooded boys, so much so that his symphonies boiled right over the classical form. Koussevitsky's interpretation of the "Eroica," lately recorded by Victor, is the blandest this reviewer has ever heard, but not without its considerable virtues. (RCA Victor Album DM-1161, $\$ 6.85$; on Vinylite Album DV-8, \$12.85.) There was nothing cold about Tchaikovsky, nor is there about his Violin Concerto in D. Despite its abundance of virtuoso solo passages, it can swoop in and out of the sentimental recesses of your heart with no mean effect, if you'll let it. Even if you don't ordinarily care for that sort of thing, you will not object to the lucid, straightforward playing of Erica Morini, who performs it with Désiré Defauw and the Chicago Symphony. (RCA Victor Album DM-1168; \$5.00.) Rachmaninoff, too, had his musical passions, but they were invariably more introspective and more refined than those of Tchaikovsky. His Symphony No. 2, a complex web of brooding, haunting themes, has received the perceptive treatment it deserves at the hands of Mitropoulos and the Minneapolis Symphony. (RCA Victor Album DM-1148; \$6.85.) And lastly, to return to Mr. Hanson, who started all this, his own Symphony No. 3 has been recently recorded by Koussevitsky, who though he does his best, cannot hide the fact that it is a definitely overcooked affair. (RCA Victor AIbum DM-1170; \$6.00.)

## This kind and that

Chopin was not a cold-blooded composer either, although legend and performer have sometimes conspired to imply he lacked musical hemoglobin. Alexander Brailowsky, who has recorded his Etudes, Op. 10 and Op. 25, does no such thing, but renders them with a complete understanding of the composer's remarkable vigor and breadth of invention. (RCA Victor Album DM-1171; $\$ 9.00$.) . . . Though Maggie Teyte will probably never produce another album to touch her "Debussy Songs" of several years ago, in which the caliber of artist and material were superbly matched, the French Operatic Arias she presents in a new release are lovely little tidbits, memorable mainly because she sings them. (RCA Victor Album MO-1169; $\$ 3.25$. ) . . . Disc, that courageous little company, has brought out an album whose contents may well be caviar to most people, but which should be tried if you're not too set in your ways: two concertos, one for piano, one for violin and orchestra by Alan Hovhaness, an American of Armenian descent whose music is Near East in origin and content, yet refreshingly original. (Disc Album 876; \$5.62.)

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