The American Home

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UNIVERSITY OF NORTH CAROLINA

Old-Fashioned Roses ~ *in full color*

Doris King

April 1938

OVER THREE MILLION ROME "DE LUXE" BEDSPRINGS NOW IN USE

Here is something YOU SHOULD KNOW

SINCE 1858
EMMERICH
TRADE MARK
IZOLIN* PILLOWS
by Burton

5 CUSTOM BUILT PILLOWS
5 DEGREES OF SOFTNESS
AT ALL LEADING DEALERS .. *from* $2.75 *to* $15.00

* PURIFIES AND VITALIZES FEATHERS AND DOWN INTO FULL PLUME SOFTNESS

REGARDLESS OF WEIGHT OR SIZE THE IMPROVED ORTHO-FLEX INNERSPRING CONSTRUCTION AUTOMATICALLY ADJUSTS ITSELF TO CORRECT SLEEPING POSTURE . . . GIVING LUXURIOUS COMFORT

● A new softness—a greater resilience—a more gentle bouyancy—all these and more are found in the New Rome Slumberon Mattress by Burton. No matter whether you are short or tall—heavy or slender—no matter how often you may turn or change position during sleep, this improved Ortho-Flex Innerspring Unit quietly and gently adjusts itself to every contour of the body. In no other way can correct sleeping posture be maintained—and luxurious healthful rest be enjoyed. And only the Improved Ortho-Flex Innerspring Unit provides pressure control built into each of the hundreds of coils

THE ROME "DeLuxe" BEDSPRING

The Perfect Foundation for any Innerspring Mattress

The companion piece to the Rome Slumberon Mattress—anchored by eight strong springs—two at each corner—to prevent shimmy and sidesway. Closed Top Coils—another exclusive Burton feature—provide a smooth, elastic platform—no gaping coils to flex, bend or chew the mattress—no cross slats to creak.

Smart homemakers no longer trust their rest to misfits. They have learned that Burton Companion Units—Mattress and Bedspring of synchronized design—will cost them less and regardless of weight or size will give them deeper, more luxurious comfort and appreciably longer service.

Mattresses by Burton with the Improved Ortho-Flex Innerspring Construction are now available in three popular price ranges—

Vanity Fair Mattress	$39.50*
Rome Slumberon Mattress	29.75*
Rome Rest Mattress	22.50*

*$5.50 in Butte, Salt Lake and El Paso Districts only. *Also slightly higher in these districts.

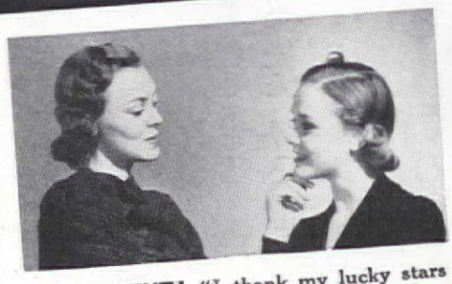
Specialized Bedding **by Burton**

Copyright 1938 Burton-Dixie Corp.

Also makers of Sagless Cradle Studio Lounges with Hi-Lo construction features and the original 3-Way Chaisette, Chair and Bed—Sleepy Deck Bed Gliders and Downease Comforters.

BURTON-DIXIE (*Successors to The Rome Co., Inc.*) Main Office: Chicago. Warehouses in Principal Cities.

THE LEAST YOU CAN DO IS LISTEN!



CONVENIENT! "I thank my lucky stars that my husband provided me with carefree G-E Automatic Gas Heat. No more furnace tending—now!"

RELIABLE! "I feel perfectly easy about the safety of my children when I am away with this dependable General Electric Gas Furnace on duty."

ECONOMICAL! "If you want to save money on heating bills—if you want to save time and trouble—take my advice!—talk with the G-E salesmen!"

LISTEN TO THE G-E STORY

before you decide. There is no doubt about it—the General Electric Gas Furnace is the finest gas-heating unit that money can buy—and the cheapest to own!

But—don't take our word for it. Make your own investigation. Go down your street and question owners of G-E heating equipment. The least you can do is LISTEN!

Remarkably Efficient

Your neighbors will tell you that the General Electric Gas Furnace is remarkably efficient. It burns gas economically; the utmost in heat being extracted with a minimum of heat loss.

And—it's so convenient! Your gas company supplies the fuel, and you pay for it as needed. That's all!

No trips to the cellar. No furnace tending. No dust nor dirt. No heating worries.

Free Literature—Free Advice

There is a General Electric distributor in your community who is a specialist in heating and air conditioning equipment. *Consult* with him. He will gladly make a survey of your home and advise the type of equipment best suited to your needs. Phone the G-E distributor today. (See classified directory under Air Conditioning, Oil Burners or Gas Furnaces), or mail the coupon for free literature.

OIL, TOO! If you prefer to burn oil, investigate the advantages of the G-E Oil Furnace and the G-E Oil Winter-Air Conditioner. *Easy Payment Terms on all G-E Heating and Air Conditioning equipment.*

GENERAL ELECTRIC

Automatic Heating and Air Conditioning

OIL FURNACES · GAS FURNACES · WINTER AND SUMMER AIR CONDITIONING

GENERAL ELECTRIC COMPANY
Air Conditioning Dept.
Div. 2312, Bloomfield, N. J.

Please send me, without cost or obligation, literature regarding the General Electric

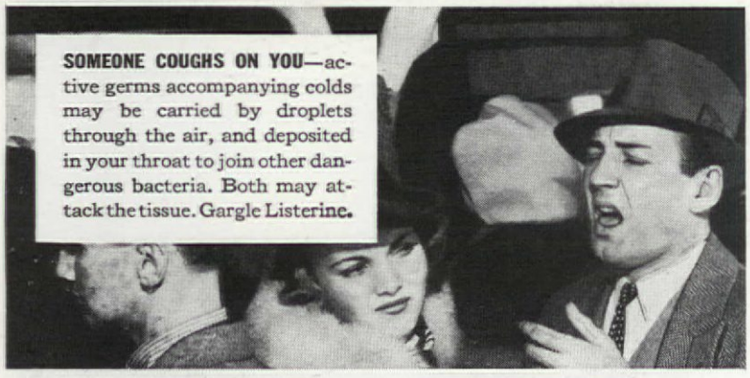
☐ Gas Furnace ☐ Gas Winter-Air Conditioner
☐ Oil Furnace ☐ Oil Winter-Air Conditioner
☐ Summer Air Conditioning Equipment

Name .....

Address .....

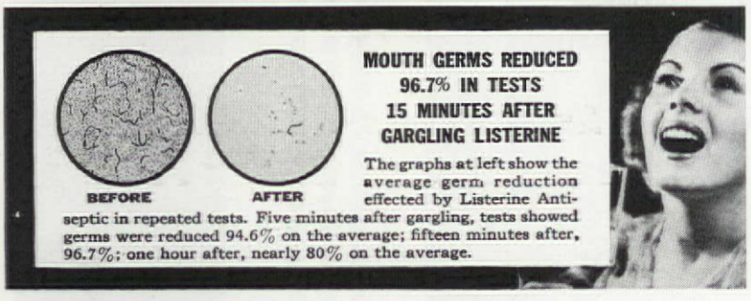
So many times a day *In Danger!*

YOU COURT A COLD several times a day. A draft, for example, may reduce body resistance so that germs residing in the throat get the upper hand. Better gargle Listerine.



SOMEONE COUGHS ON YOU—active germs accompanying colds may be carried by droplets through the air, and deposited in your throat to join other dangerous bacteria. Both may attack the tissue. Gargle Listerine.

FEET GET WET—Once more your resistance may be weakened, by wet or cold feet. Germs may continue their attack, invading the mucous membrane. To control them, gargle Listerine.



MOUTH GERMS REDUCED 96.7% IN TESTS 15 MINUTES AFTER GARGLING LISTERINE

The graphs at left show the average germ reduction effected by Listerine Antiseptic in repeated tests. Five minutes after gargling, tests showed germs were reduced 94.6% on the average; fifteen minutes after, 96.7%; one hour after, nearly 80% on the average.

THINK what it would mean to you and your family to escape heavy colds and their dangerous after-effects.

And now the delightful Listerine treatment offers you that possibility. Listerine treats a cold for what it is—an acute local infection.

Tests made during a 7-year study of the common cold reveal these remarkable results: Those who gargled Listerine Antiseptic twice a day had fewer colds and milder colds than non-garglers. Moreover, the colds reached the danger zone of the lungs less frequently than those of non-users.

The secret of Listerine's success, we believe, must be that it reaches the invisible virus (bacteria) that many authorities say starts a cold, and also kills the mouth-residing "secondary invaders" that complicate a cold. Use Listerine this winter and see for yourself what it does for you.

LAMBERT PHARMACAL COMPANY
St. Louis, Mo.

LISTERINE *for* COLDS

Home of Mr. and Mrs. Thomas Horsley, Wewaka, Oklahoma

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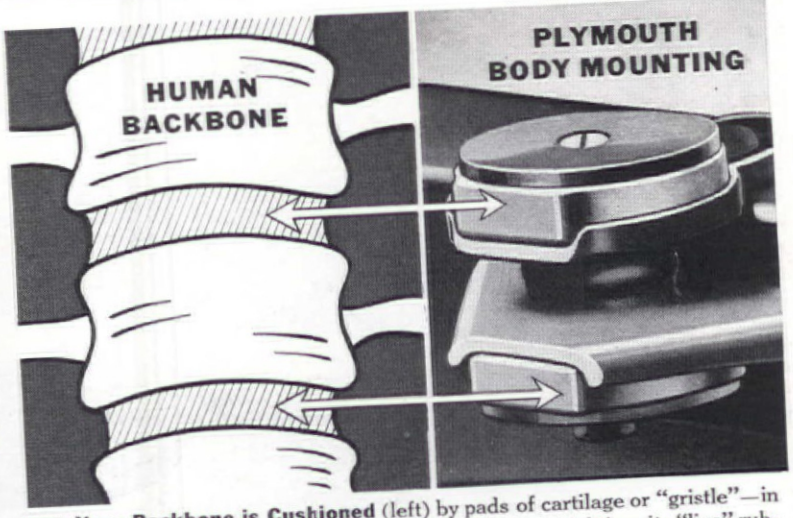
Using Milk from Trees to Make Cars Safer, Quieter

CERTAIN TREES of the tropics are bled of a milky white sap which is the crude basis of a great industrial product—rubber. This story will interest you if you want to know the important differences in today's cars. It shows the value offered by Plymouth; value it will be well worth your while to consider.

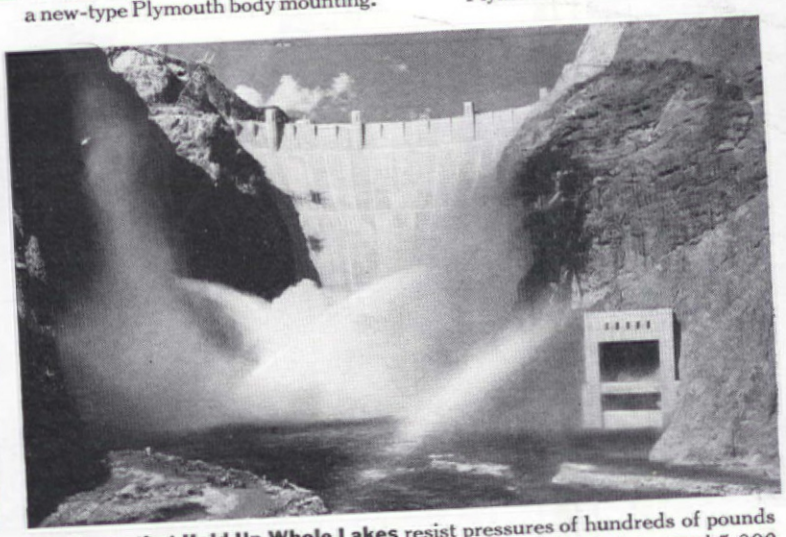
1 Rubber Is Used in Plymouth cars for the same reason this horse is wearing rubber shoes—to cushion shock—cut down noise.

2 Our Own Rubber Mill is busy all year with samples and experimental batches. This sheet of pure rubber will be a new-type Plymouth body mounting.



3 Your Backbone is Cushioned (left) by pads of cartilage or "gristle"—in much the same way Plymouth's body is cushioned (right) on its "live" rubber mountings! These cushions block out shocks, noise and vibration. Plymouth's famed Floating Power engine mountings work the same way.

4 Rubber He Can't Break even with this 200-pound weight. Plymouth's sturdy steering wheel is made of hard rubber, with a solid steel core.



5 Dams that Hold Up Whole Lakes resist pressures of hundreds of pounds per square inch. Plymouth's brake-hose is actually tested to stand *5,000 pounds* per square inch. This helps make Plymouth's double-action hydraulic brakes safer. They give you *surer* control...stay in adjustment.

6 Wiper Tests—Not only the mechanism but the rubber is tested as in the many other parts of the car where this material means long life.

7 Rubber Stops Drafts and bothersome leaks. The rubber strips around doors and windows help make Plymouth's ventilating system most efficient of any low-priced car.

8 The Big 1938 Plymouth De Luxe 4-Door Sedan with Trunk. It delivers in Detroit for only $815—other models as low as $645—including Federal taxes. State, local taxes not included. By all means, see your nearest Dodge, De Soto or Chrysler dealer—today! PLYMOUTH DIVISION OF CHRYSLER CORPORATION, Detroit, Mich.

TUNE IN MAJOR BOWES' ORIGINAL AMATEUR HOUR – COLUMBIA NETWORK, THURSDAYS, 9 TO 10 P. M., E. S. T.

GET MOST FOR LOW PRICE

Plymouth Builds Great Cars

TRY THIS EASY WAY
TO BRING NEW

Eye Comfort

TO YOUR FAMILY

Begin to Light Condition with

NEW AND BRIGHTER G-E MAZDA LAMPS

. . . NOW AT LOWEST PRICES IN HISTORY

LIGHT CONDITIONING is one of the simplest steps you can take to make your home more livable . . . and more charming. It means providing the right amount and kind of lighting to make seeing easier for young eyes and old. It means Better Light for Better Sight.

Begin with new and brighter G-E MAZDA lamps. Put a new 100-200-300-watt Three-Lite bulb in your three-light I. E. S. Lamp, as the picture suggests, and watch Dad relax as he reads. Put new 100-watt bulbs in your I. E. S. bridge and table lamps and you'll help the rest of the family enjoy new eyesight protection. Brighten up your kitchen with a new 150-watt G-E MAZDA lamp, and get a supply of G-E bulbs in different sizes for "spares."

You'll be delighted with the difference this beginning makes . . . and surprised at how little it now costs.

IMPORTANT: Be sure the bulbs you buy are the right size to give you Better Light—Better Sight. And to be sure of bulbs that *Stay Brighter Longer*, be sure to look for the G-E mark when you buy.

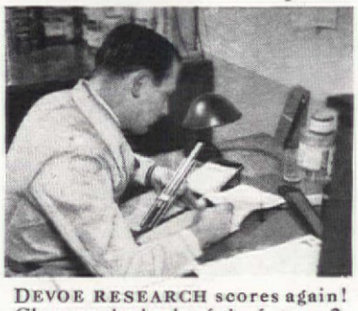
Buy the new and brighter 1938 G-E MAZDA lamps where you see this emblem displayed. →

GENERAL ELECTRIC
MAZDA LAMPS

DEVOE PERFECTS SECRET PROCESS

Develops sensational new method that makes possible an improved Mirrolac Enamel that is as smooth as porcelain, tough as leather, and washes like tile. This new process is exclusive with

DEVOE MIRROLAC ENAMEL



DEVOE RESEARCH scores again! Close on the heels of the famous 2-Coat System of house painting comes this amazing new Mirrolac Enamel.

WITH A SECRET PROCESS, a new oil and modern resins, Devoe has produced an amazing new Mirrolac Enamel.

It flows from the brush smoothly—covers beautifully in a single coat—dries to a gleaming, glass-like finish.

Use Mirrolac anywhere—indoors or out—on furniture, woodwork—metal utensils. It stands up as no decorative enamel ever has before. Your Devoe Dealer will prove it for you. See his spectacular tests. Then get some and brighten up your home.

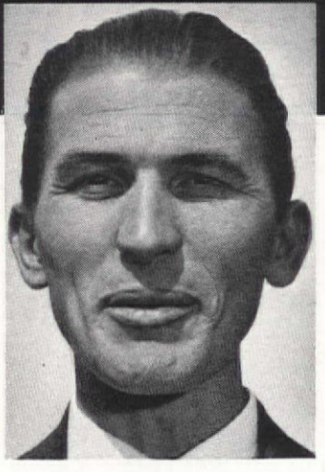
NEW, IMPROVED Mirrolac makes conventional enamels obsolete. No unusual skill is necessary to produce a brilliant, expert-looking enamel job. Available in an array of sparkling, modern colors.

"My House is my Show-window

DEVOE'S 2-COAT SYSTEM COST ME LESS—AND IT LOOKS SO GOOD IT'S BRINGING ME BUSINESS."

WRITES JOHN HOEGL, PAINTING CONTRACTOR OF WEST HEMPSTEAD, N. Y.

"From now on I'm using Devoe Paints Exclusively—it certainly pays to mail that coupon!"



It's Swell TO PAY ONLY 1¼¢ A SQ. FT. FOR PAINT FOR BOTH COATS

TAKE A LOOK at a Devoe 2-Coat paint job—look it over critically. You'll see how it outclasses other paint jobs. It's whiter, smoother, more brilliant. And remember! This better kind of a paint job costs you less—yes, as much as 50% less!

Here's why. Devoe uses two different paints—an undercoat to seal pores or to get a tight hold on old paint—a top-coat that has what it takes to fight off sun and weather. Together, these give you a handsome paint job that outlasts others 2 to 1.

Make these double savings. Send for the free booklet and see how. Or call on your neighborhood Devoe Dealer. His name is usually in your Classified Telephone Directory.

EMPLOY A REPUTABLE PAINTER—SPECIFY THE DEVOE 2-COAT SYSTEM

DEVOE PAINTS

LOOK FOR THIS SIGN

FREE BOOK ON PAINTING YOUR HOME

DEVOE & RAYNOLDS CO., INC., 1W. 47th St., New York, N.Y.

Send me your free, illustrated book on paint problems.

2-AH

Name_____

Address_____

City_____ State_____

Enchanting Kitchen

MAKES DRUDGERY VANISH... BY MAGIC!

"M" is the mystic letter. Just whisper "M"—and that ugly little gnome, Kitchen Drudgery, begins to tremble for his life. *For "M" stands for Monel . . . and Magic Chef.* A combination that makes light of hard work!

In the photograph above, you may admire the newest Magic Chef Range with its top of silvery Monel. A model that *is* a model . . . of modern beauty and labor-saving efficiency! Note particularly the "built-in" effect that can be achieved with this new range. It hugs the wall. And its square-cut corners which make possible a perfect joining with the Monel sink and cabinet on either side. The proud makers of this resplendent range are the American Stove Company of Cleveland, Ohio.

The other partner in this kitchen's drive against drudgery is that modern metal—Monel. A metal that's always on its mettle to make things easy for you. A smooth, silvery metal which constantly seconds your motions to keep it clean and spotless.

Stains? Don't worry about them. Substances which tend to make stains cannot penetrate Monel. Consequently, stains are never permanent. They are easily and quickly removed with common household cleansers.

Durability? Please remember that Monel was created to handle far more difficult tasks than will be assigned to it in your kitchen. This metal was born in industry. It is used in the gigantic valves of Boulder Dam . . . in the machinery of thousands of busy factories.

So you will find that Monel has more proofs than the proverbial pudding. It is rust proof, crack proof, chip proof. Hard service merely makes it more lovely and lustrous. When this metal enters your kitchen, it's "in for life".

The Monel sink and Monel-topped cabinet above are manufactured by the Whitehead Metal Products Co. of New York, Inc., 304 Hudson Street, New York, N. Y. Monel sinks start at $41.00. Sink-and-cabinet combinations at $93.30. In all there are 57 different models to choose from. Cabinet models available in any length from 41 to 168 inches in fractions of an inch. For information about Monel sinks, cabinets and hot water tanks, write to Whitehead. For information about other Monel household equipment, address

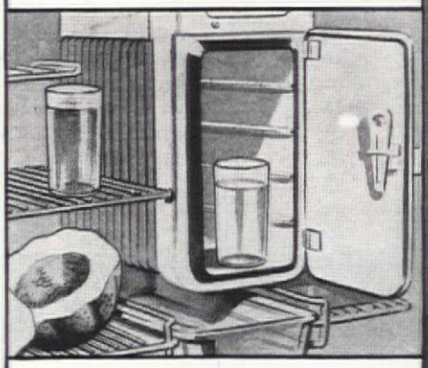
THE INTERNATIONAL NICKEL COMPANY, INC.
73 Wall Street New York, N. Y.

Monel inherits from Nickel its finest qualities—strength, beauty and ability to withstand rust and corrosion. When you specify metals, remember that the addition of Nickel brings toughness, strength, beauty and extra years of service to steels, irons and non-ferrous alloys.

2/3 NICKEL + 1/3 COPPER = Monel

NORGE *Leads Again!*

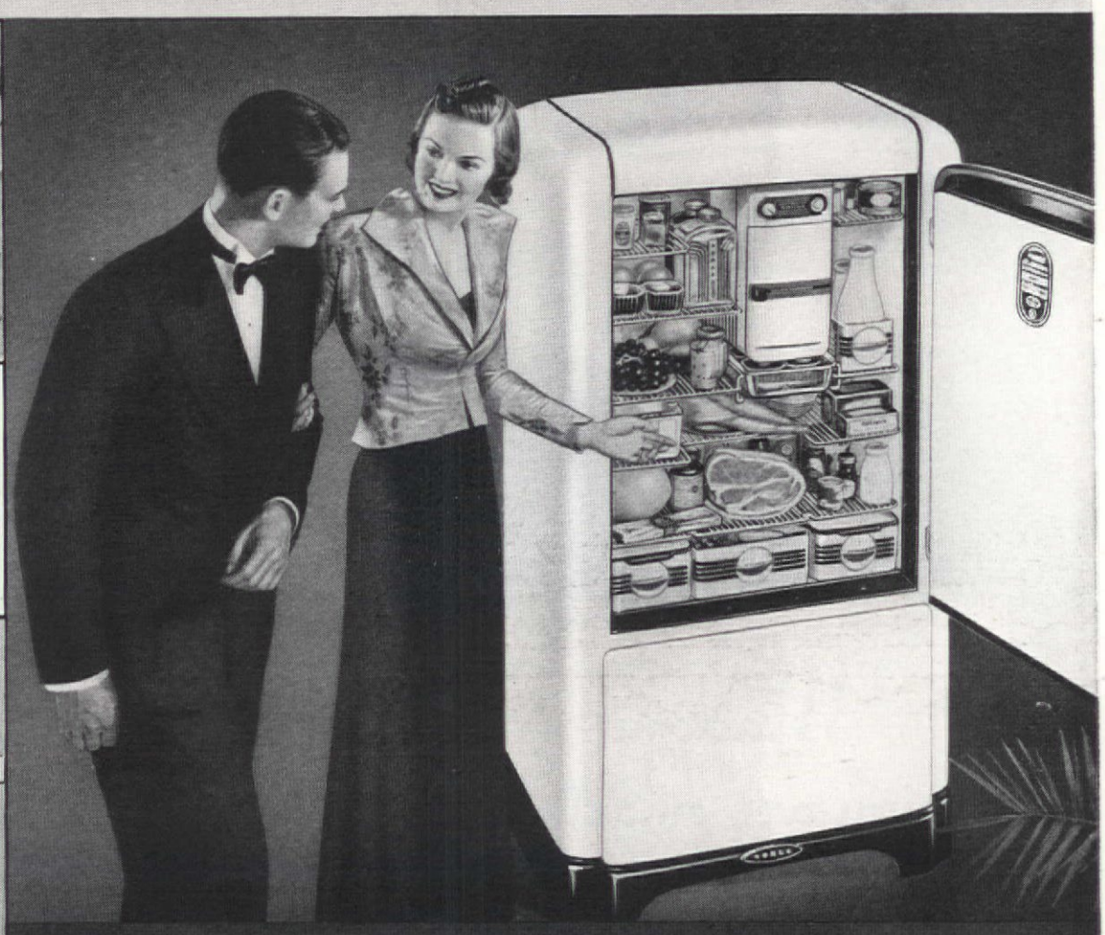
NORGE STORES *MORE* FOOD—*MORE* CONVENIENTLY and the Watermelon Test *proves* it! Norge *exclusive* flexible interior arrangements provide for the storage of bulky foods—watermelons, turkeys, large roasts, tall bottles—*without needless sacrifice of shelf space.* Twelve different storage arrangements are possible in most Norge models.



MORE *PURE* ICE—FASTER, EASIER—because of the exclusive *fully sealed* ice compartment... sealed at the back as well as the front! New freezer shelves help freeze ice 25% faster! *See the Visual Taste-Test that proves Norge can give you ice as pure as the water you drink.* Norge ice cubes *never taste of cantaloupe,* cabbage or cheese!

10-YEAR WARRANTY ON THE ROLLATOR* COMPRESSOR you buy today will still be in effect when this little girl is married. Only Norge has the *surplus-powered* Rollator compressor that makes cold by revolving slowly in a *permanent bath of protecting oil*... That's why the Rollator compressor...*exclusive to* Norge...carries a 10-YEAR WARRANTY.

*REG. U. S. PAT. OFF.



MORE POWER · MORE ELECTRIC COLD · MORE ECONOMY

"3 ON 1" TEST

Proves the Smallest Norge Rollator Cold-Making Unit Keeps Three Refrigerators Cold... Yet Runs Only One-Third the Time in a 70° Room

The smallest Norge *electric* Rollator compressor keeps *three* Norge refrigerators cold for only a few pennies' worth of safe, *silent* electric current!

Think what this means to you in your own home....

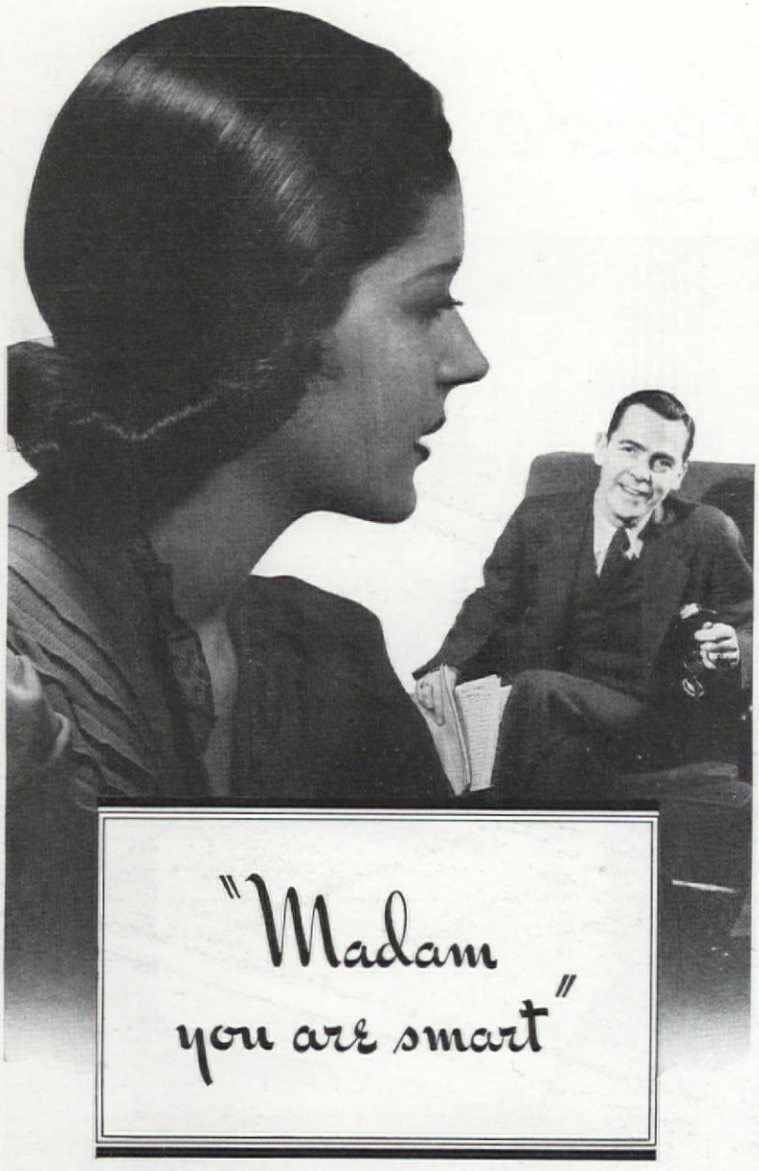
Extra power to make cold in *one* Norge no matter how hot the weather.... current-sparing economy.... less wear.... longer life.... in the Norge *you* buy! Extra freezing capacity that means all the ice cubes you want *plus* the greatest food protection! Extra *value* because the Norge Rollator compressor—the surplus-powered, miracle-mechanism of refrigeration—carries a 10-Year Warranty.

See the remarkable "3 on 1" Test at your Norge dealer's before you buy *any* refrigerator! See how Norge leads again with advanced and exclusive convenience features ....leads in beauty and modern styling that will make your kitchen the envy of all your friends.

There is a Norge dealer in your neighborhood.

NORGE DIVISION *Borg-Warner Corporation*
606-670 E. Woodbridge St., Detroit, Michigan. *In Canada:* Canadian Radio Corp., 622 Fleet St., West, Toronto, Ontario

ROLLATOR REFRIGERATION (Domestic & Commercial) • GAS & ELECTRIC RANGES • WASHERS & IRONERS • WHIRLATOR OIL BURNERS
GAS BURNERS • FINE-AIR FURNACES • COAL STOKERS • AIR CONDITIONING • CIRCULATOR ROOM HEATERS • HOT WATER HEATERS



Many clever women are showing their husbands how to get more *practical* insurance for their homes. Here's the way you do it.

With your insurance man, you first make a thorough check of your present protection. You compare your coverage with your property values. You see if you have too much insurance or too little — and if it's the right kind. You find out if you are making the sixteen per cent savings that usually go with three year rates. And finally you have your agent make a complete survey of the insurance your home *should* have so that you can buy it to fit your means.

Insuring your home this way saves time, money and worry. You get better, more economical insurance. You know exactly where you stand in case of fire, burglary or accident. And you can budget and control your costs. Furthermore, by insuring through an agent — a competent representative of good, strong companies — you're free from fussy details. For the agent takes care of your troubles, renewals, claims — takes all the work off your hands.

Free *HELPFUL INFORMATION ON INSURANCE*

Here is a new free booklet that every home owner should read. It explains all insurance coverages sold for homes today — fire, burglary, residence liability, personal effects, etc. It shows you the best way to insure your house, furniture, car, camera, musical instruments, clothes — everything in the home. Attractively illustrated, it makes very interesting reading. And it might save your home. Ask any Employers' Group Agent or send coupon for your copy. Today.

The EMPLOYERS' GROUP

110 MILK STREET, BOSTON, MASS.

Gentlemen: Send me without obligation, your new booklet "Insurance for the Home."

Name.....

Address.....

City..... *State*.....

TAKING GUESSWORK OUT OF BUYING

How to get your money's worth is an important thing to know. You want tested quality merchandise that will give you maximum service and comfort; you want to be sure that you get what you are paying for. You want the *whole* truth about the goods—before you spend your carefully saved money.

The best way to be sure that a slip cover will wash without shrinking and fading is to urge the manufacturer or retailer to test, guarantee, and label it accordingly. Or, suppose you are buying a new sofa for the living room. How are you going to be sure that the inner construction is exactly what you expect? Only by demanding that such information be clearly stated on the tag or label. In a way this puts it up to the seller—but it is still you, the consumer, who must encourage and demand such information.

Fortunately, there are leaders in the merchandising field who realize this need for passing on information to the consumer. Among many retail stores that have systems of consumer protection and guidance are R. H. Macy & Company, L. Bamberger, Marshall Field & Company, and Sears Roebuck. They are the ones who test and label their fabrics for color permanence, washability, etc. They even tell you what percentage is wool, silk, rayon, or cotton. They state definitely everything you want to know about the merchandise, and you can rely on their statements.

Obviously, there are many reputable retail stores that are too small to maintain their own analyzing laboratories. But they can, and do, protect and guide their customers in other ways. In the first place, they demand that the manufacturers check and label all goods; then they can send the merchandise to a near-by testing laboratory.

But now let us look into a large department store. We visited Bamberger's, watched some laboratory tests, and found out exactly how their system works. When they say, at the top of an advertisement, "Bamberger's Bureau of Standards has checked and approved every statement made in our advertising regarding merchandise, construction, and serviceability," they really mean it!

To begin with, the bureau is well equipped to make all simple tests. More complicated ones are sent out to the foremost service laboratories. If it is a "camel's-hair" coat, the fabric is tested to be sure that it is *all* camel's hair. If the tests prove differently, it is labeled and advertised as "camel's hair and wool," or whatever it happens to be. If a chair comes in that is supposed to have a certain type of inner construction, this is checked and the exact facts of construction are put on the label and in advertisements. If a drapery is supposed to be resistant to sunlight, it is tested for such property before the statement is made. Likewise, the woods used in tables and chests, and other merchandise about which there is a question are analyzed.

All advertisements are checked for accuracy and the whole truth. For instance, suppose a copywriter has finished an advertisement on a new evening gown, retailing for sixty dollars. Due to the price of the dress, it is a "prestige" type advertisement. She has described it as a sleek, black silk gown with a metal cloth sash for contrast. This copy goes to the bureau, and finally reads "black silk and rayon," because rayon yarn is woven into the material. Here the manufacturer or department buyer may have been reluctant to point out that rayon played an important part. But the consumer has a right to know this and understand the reasons for its use.

Now consumer protection does not end with advertisements and labels. The store must establish specific standards of quality. All the clerks, as well as the advertising executives and copywriters, must know all the characteristics of their merchandise; they must avoid exaggerations, misstatements, and half-truths; they must be able to give the customer information about fiber or other content, quality, purity, washability, sizes, style, uses, and limitations. Coöperation with the manufacturers, other local retailers, consumers, and consumer organizations is imperative. Finally, every store can work with the National Dry Goods Association, and through it with the Consumer-Retailer Relations Council.

Some information about this Council may be of interest. As the name suggests, it is made up of both consumers and retailers. Persons interested in the work, such as representatives of Federal agencies, national associations of manufacturers and advertisers, and Better Business Bureaus are eligible to associate membership. The main objects of this Council, which is organized for the benefit of the consumer, are to promote

[*Please turn to page 85*]

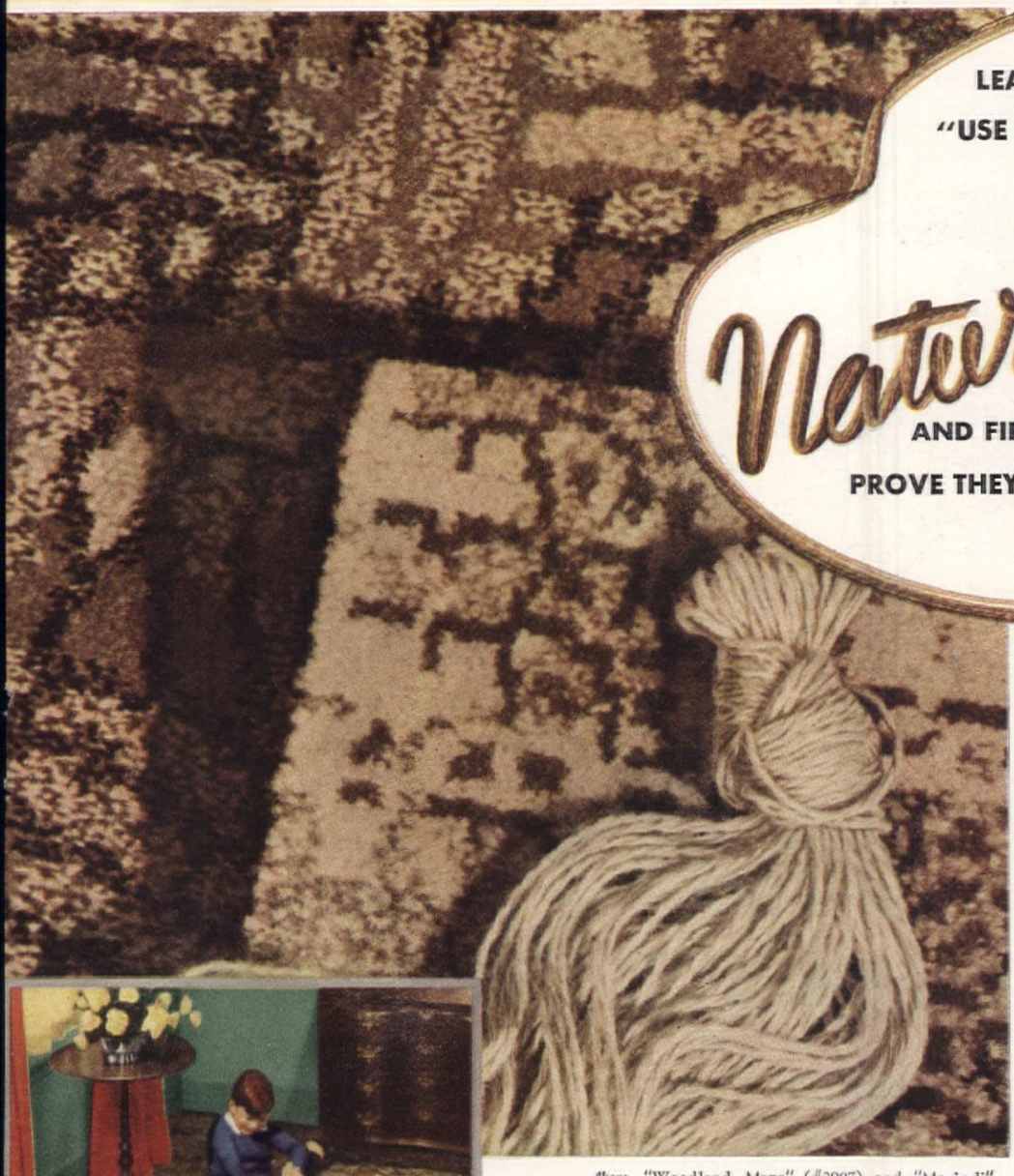
LEADING DECORATORS SAY:

"USE RUGS OF SOFT, UNDYED

Natural Wool

AND FIRTH'S "PERFECT NATURALS"

PROVE THEY NEEDN'T BE EXPENSIVE



Above: "Woodland Maze" (#3907) and "Mexicali" (#3908)... two of Firth's soft, rich Perfect Natural rugs, woven entirely of natural undyed yarns. So beautiful! So practical!

Left: What if sunlight pours through the window and children track dirt indoors? Perfect Naturals will not fade—will not show footprints! The pattern shown is "Frosted Leaves" (#3905).

Above: Don't worry about wet rubbers and dripping umbrellas! Perfect Naturals *will not waterspot!* The rug shown is "Natural Classic" (#3906).

Above: "Autumn Shadows" (#3901) ...a particularly interesting Firth Perfect Natural, woven entirely of undyed yarns: ivory, beige,

Scandinavia started the vogue for rugs of undyed wools. Paris featured them in the Exposition. And now Firth weaves them ... inexpensively ... for smart American homes.

Every color tone in Perfect Naturals is the natural wool color of sheep somewhere in the world ... the browns and fawns, creams and golds and russets, so important in smart decoration today. A few patterns are woven with dyed threads of accent colors.

And these soft, resilient rugs are so practical. They won't show dirt ... no, not even footprints. They cannot fade or waterspot. And they have the longer wear that only natural yarns can give.

See Perfect Naturals at leading department and furniture stores ... discover for yourself their beauty and thrifty prices.

Firth Perfect Naturals are made in a wide range of sizes up to 12' x 21'. Also in narrow and broadloom carpet.

FIRTH
RUGS AND CARPETS

Copyright 1938, Firth Carpet Co.

IMAGINE! This beautiful $3.00 Needlepoint Set...Yours for only 50¢

To show you the lovely wools used in Perfect Naturals, we will send you a beautiful 12" x 18" needlepoint pattern, full supply of Perfect Natural and dyed yarns, needle, instructions—for only 50¢! Ideal child's rug, chair seat, pillow cover. Act

FIRTH CARPET COMPANY, 295 Fifth Avenue, New York

- ☐ Send me the Perfect Natural needlepoint set. I enclose 50¢ (either stamps or coin).
- ☐ Send me FREE your booklet "It's a Natural", telling romantic stories of the far-away lands where Perfect Natural wools are found.

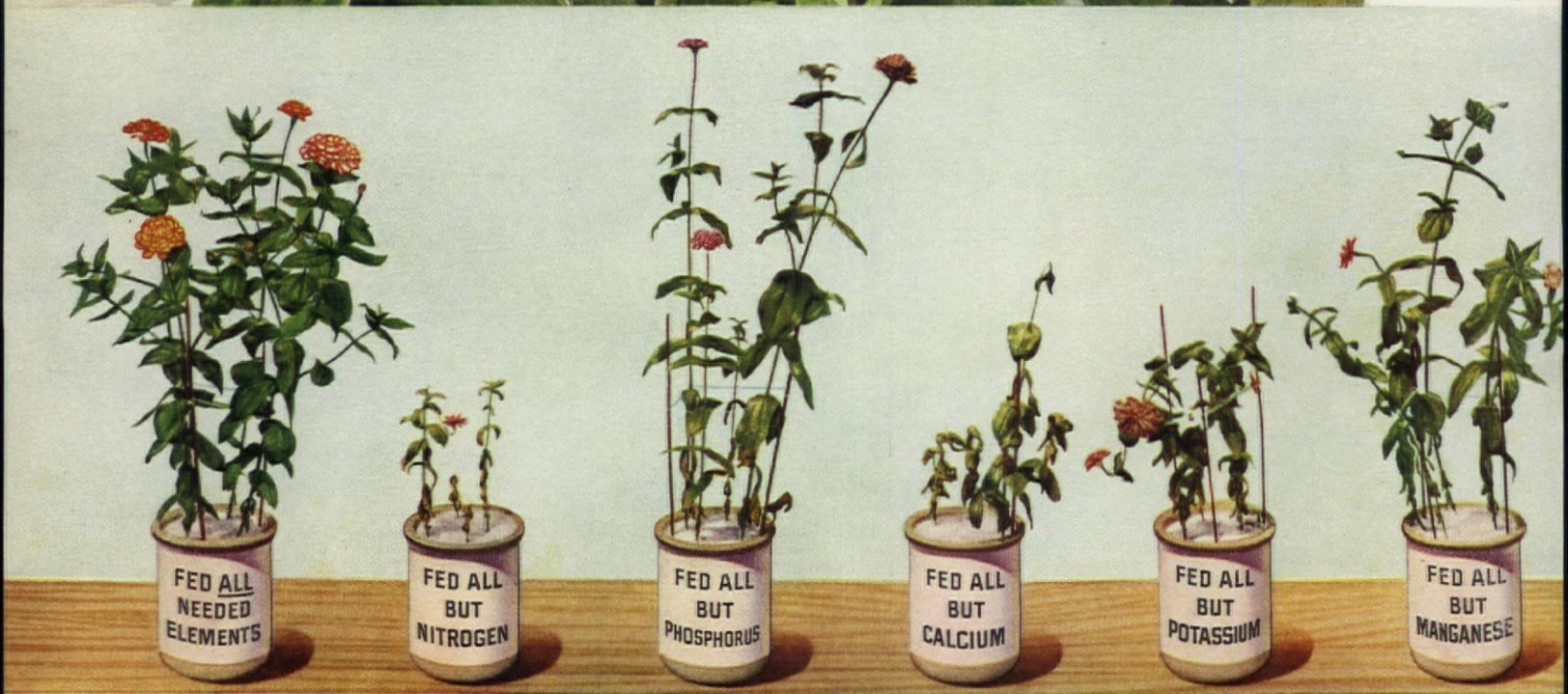
Name_____

Address_____

City_____ State_____

THEY GREW FLOWERS IN

again the greatest



The first plant here received a complete, eleven-element diet, and matured beautifully. Each of the others lacked just one element—and failed, partially or completely, for lack of it!

FAR MORE FOR YOUR MONEY IF YOU FEED YOUR LAWN EARLY! Plant food gives you far better results, per pound used, if you apply it *before the grass starts to grow*. If you act quickly, you can give your grass such a thriving start it will help *choke out weeds*, which don't germinate till later. It's *easier* to feed lawns early, too. *Then* you can just spread the plant food on and let the spring rains soak it in! Don't wait—give all your grass a "Square Meal" of Vigoro NOW, 4 lbs. per 100 sq. ft.

STERILE SAND... *and proved secret of gardening success*

LOOK AT THESE 12 SETS OF ZINNIA PLANTS, grown by master horticulturists at a leading University!

They started life all even—grew under identical conditions of air, sunlight, water, and temperature. Even their diets were alike, except for one variation in each pot. Yet in that small diet difference lies the *entire answer* to the plants' radically different development.

One plant—extreme left in the row—got a complete diet of the eleven elements plants require from the soil. The others received exactly the same diet except that *one* element, as indicated, was withheld for test purposes.

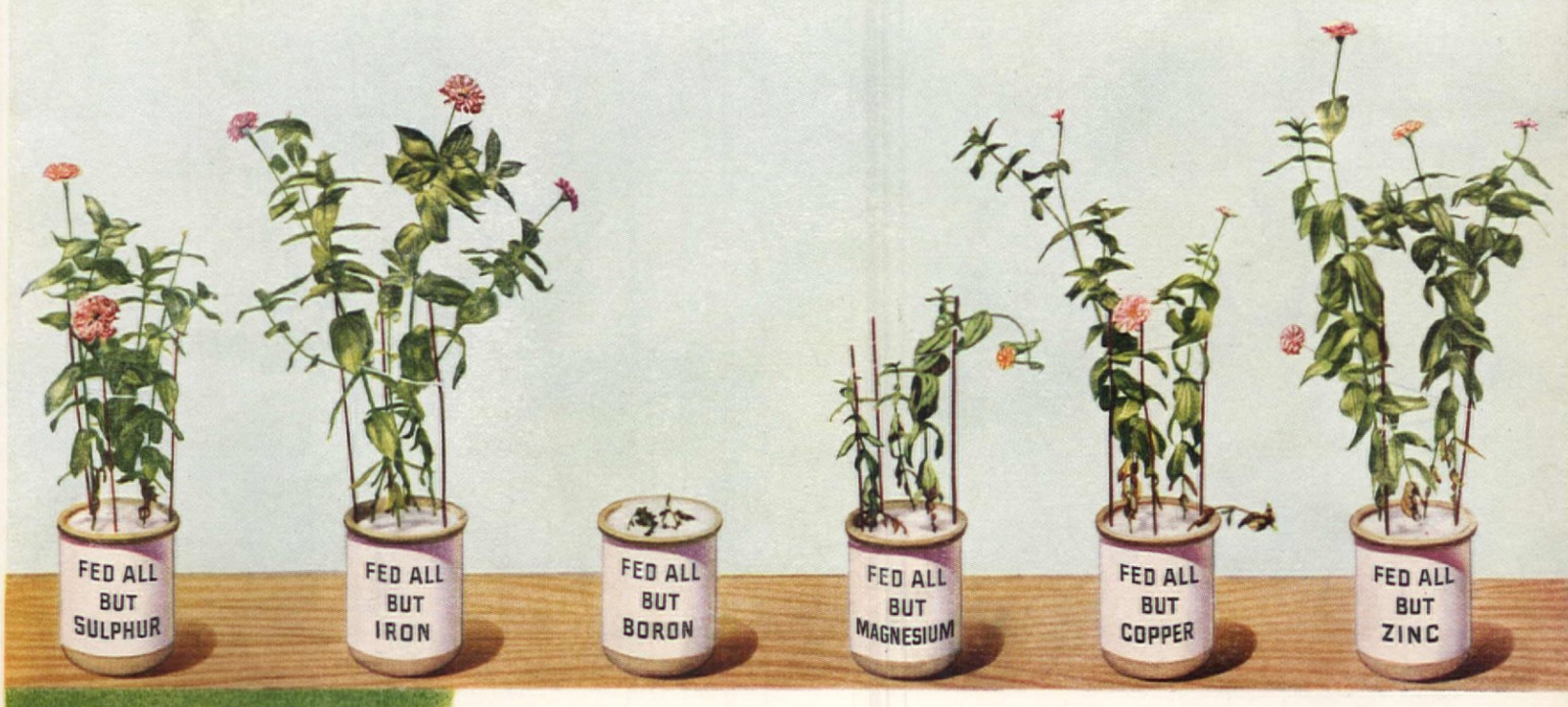
Some of these incompletely-fed plants matured fairly well—but there isn't one of them that you'd be proud to have in your own garden. To insure *complete* success, an eleven-element "Square Meal" is vital.

Choose Vigoro, the eleven-element plant food! It is sanitary and odorless . . . compounded to a secret formula, the achievement of years of intensive research.

Vigoro assures best results, saves money

Vigoro's remarkable effect . . . on lawns, flowers, shrubs, vegetables and trees . . . has made success easy for millions of gardeners. Their support makes Vigoro the world's largest selling plant food—makes possible the low, economical prices. It's packed in convenient sizes, one to one hundred pounds. Order this "Square Meal" now!

Scene of this remarkable plant feeding test—the Botanical Greenhouses of a famous University. The most rigid scientific controls were used to make the tests accurate and reliable.



VIGORO

A PRODUCT OF SWIFT

SUPPLIES ALL THE FOOD ELEMENTS NEEDED FROM SOIL

"Dainty Bess"

FROM THE EDITOR'S GARDEN OF OLD-FASHIONED ROSES. A WATER COLOR BY EDITH F. JOHNSTON

Color Photographs by Ralph M. Kroscher

Damascena officinalis—a Pink Rose

Gruss an Teplitz—a Red Rose

ROSES of Yesteryear

Rosa Spinosissima
A COMMON SCOTCH ROSE

FROM A VICTORIAN WATER COLOR OF AN OLD ENGLISH ROSE

CLIFFORD BLANKS

WHERE are the roses of yesteryear? And I mean literally yesteryear, not year before yesteryear, for I can always hear someone murmuring, "Oh, hadn't you heard? The old roses are coming back."

I have heard, and I welcome them, for they are charming. But those whose passing I bemoan are the ones that belonged to the *fin de siècle* years as gently and unerringly as did the bustles and the Prince Albert coats. They had the grace and fragility of ladies who understood the art of swooning in all its delicate ramifications, combined with the strength of those same ladies who raised the most boisterous families without ever losing their dignity and poise.

I realize that, having spent a childhood in Georgia and a married life in Virginia, I can blame the difference in climate for the loss of a number of the less hardy Noisettes and Teas. But even when I return to Georgia, I see nothing but Hybrid Teas and such moderns. Please do not misunderstand me. The Hybrid Tea rose is my favorite flower, and that takes in considerable territory, for I have been an inveterate gardener for many years. But the Hybrid Teas are not all. We do not discard the ladies who really know how to be ladies, just because the modern young woman is more at home in the wide world. There is room for all of us—and flower gardens are limited by the golden dawn and the crimson sunset.

That is beside the point, however. This is to be a memoir and not a plea for an Old Roses' Home. I was raised with roses in the gardens of my grandmother, my aunt, and my mother, and I have never seen anywhere since then such abundance of blossom as those rosebushes had. When I mention this rather wistfully to my rose-fan husband, he replies firmly: "They should have pruned."

And so they should, no doubt but I am glad that they did not. I do not believe any of us grandchildren would have remembered one perfect rose from Grandmother's garden; but none of us has ever forgotten the two white Bride rose bushes, with the four pink Bridesmaids behind them, in a riot of blossom. The two brides worried me, until my uncle explained double weddings; since then, whenever I hear of a double wedding I see in my mind's eye not a pair of probably homely females, but the glory of two white and four pink rosebushes, towering above my head in the fullness of abundant and unpruned bloom.

Then there was the Rainbow rose. It was sparsely petalled, but with such delightful petals, displaying stripes and streaks of red on pink and pink on red in delightful and fantastic designs, for all the world like an Easter egg gone mad. I can still feel the cool, heavy texture of the petals against my lips, as I "popped" them early in the morning, when they were still fresh with sparkling dew.

Safrano was a more lowly rose, so constantly in bloom that it was never really prized. Grandmother had a climbing Safrano on her old kitchen, and

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Rosa Lutea Bicolor
AN AUSTRIAN ROSE

Rosa Indica Cruenta

Old Persian Yellow

Roses, OLD

NOVICES and ROSES

DR. G. GRIFFIN LEWIS

NOTHING in the whole range of floriculture is so completely charming as a rose garden in rose time. Not only can such a garden be constructed and perpetuated at moderate cost, but it is one of the best assets that a home can have —and also the community in which its owner lives. It is not necessary for one to take a course in rose culture, or to have a specially prepared soil, in order to grow roses. But the following suggestions may prove of benefit to the novice:

1. Select suitable varieties for your climate. (Any local rosarian will be glad to assist you.)

2. Do not depend on catalogue descriptions which are sometimes flamboyant and misleading, but purchase from a reliable dealer who has a reputation for enumerating the weak qualities of each variety as well as the strong ones.

3. Select no variety that has not stood the test of time. Less than five per cent of the newer varieties are distinct or really valuable.

4. Shun "own-root" and potted roses and specify on your order, "Two-year-old, field-grown, budded stock."

5. Place your order early (if possible by February 15), to be delivered as soon as the frost is out of the ground. (Spring planting is preferable to any other season planting for the amateur.)

6. Prepare your beds by covering them with well-rotted cow or horse manure and some coarse bone meal, leafmold, and wood ashes before spading.

7. Plant the bushes as soon as possible after they arrive. If unable to do so immediately, dig a trench, place them in it, and cover them, canes and all, with soil, until an opportunity arrives.

8. Dig the holes large enough so that the roots can spread out; place bush in hole and after covering the roots thoroughly with soil, tramp it down; then fill with loose soil, being sure to have the budded part (the hump on the main cane) an inch or two below the final soil level in the bed.

9. Cut all canes to within three or four eyes of their point of origin on the crown, then cover the whole plant with soil and leave it for ten days (after spring planting) or all winter and until after the last frost in the spring (if planted in fall).

10—If there is scant rain in early spring, wet the bushes well with the hose or watering pot once a week; otherwise do nothing but watch with pleasure the rapid development of leaf, buds and blooms.

11. Spray regularly every two weeks with Tri-ogen following directions on the package. This will take care of diseases and insect pests as well.

12. As winter approaches, after

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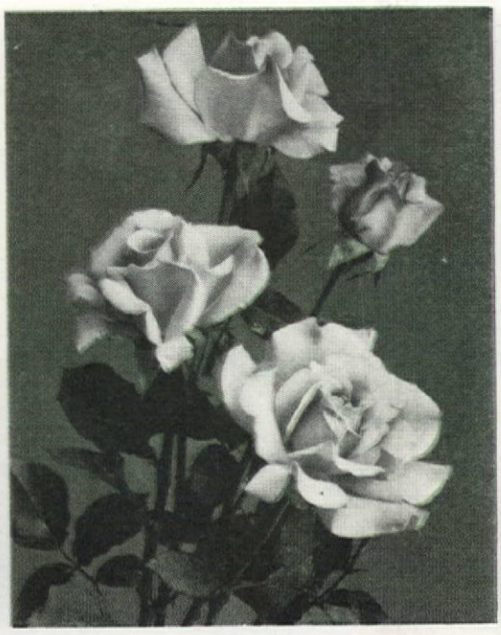
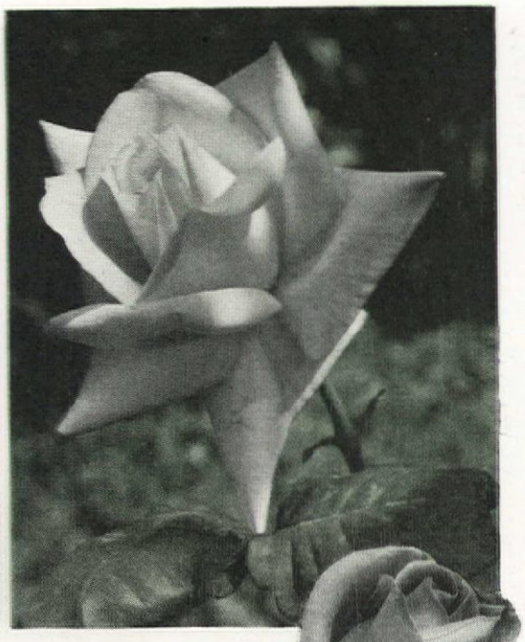
Rosa Bifera Macrocarpa

Doubloons



R. M. S. Queen Mary



Mme. Jules Bouché

and NEW

RUTH BROWN

It is a pleasant paradox that some of the newest roses this past season or two have been apt to be the oldest roses. The awakening movement to bring back and collect the old-fashioned roses, the roses that bloomed in our grandmothers' gardens, has grown into a wide-spread gardening interest.

From the collector's standpoint, I can imagine no subject more intriguing. The delight of discovering a new old rose variety in the yard of a back road farm may exceed the enthusiasm displayed by a sister unearthing an old glass sugar bowl with the Rose in Snow pattern, from the dusty attic of the farm house.

The rose bushes are identified by differences in habit of growth which require as much earnest research and experience as are used in distinguishing authentic old glass. The rose collector's interest is a live one, with a livelier future. A cutting begged today from a pleasant farm wife has possibilities of future glories in color and reproduction far beyond the limitations of the most precious piece of old glass. The question of expanse in rose collecting is negligible. This gardener is fortunate in being able to offer to exchange a root of the old Persian Yellow or of the old pink Moss rose for a piece of any new-found beauty. However, I have learned that the homemaker is most apt to urge acceptance of a small part of the admired rose plant without any return.

Seldom will the name of the variety be given you; often it is not known to the owner. Stopping one night at a tourist home in the north country, we were offered a piece of an established old rose plant that we greatly admired. Much effort, later, failed to identify the variety, so the lovely flesh-

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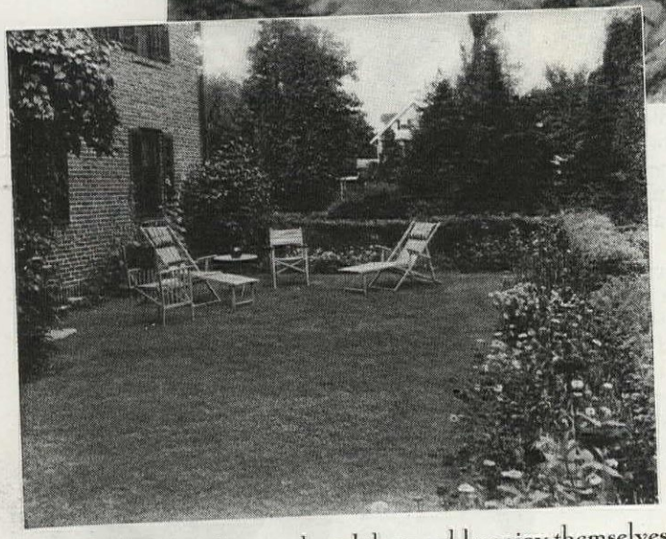
Rome Glory

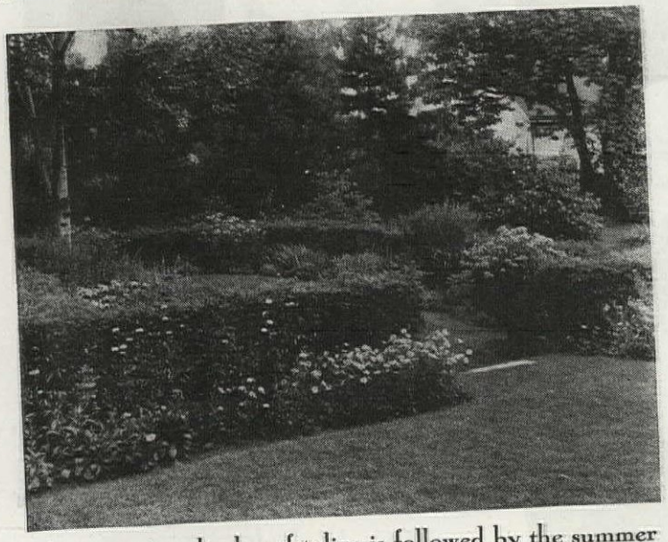
J. Horace McFarland

Gruss an Aachen

McGredy's Pink Elegance (left)



Here the family relax, read, and thoroughly enjoy themselves



A gay spring display of tulips is followed by the summer cheerfulness of annuals in this bed along the terrace edge

Successful Garden Design for a Suburban Plot

MUCH has been written about the interesting possibilities of city back yards, terraces, and penthouses, and many original and delightful things have been accomplished in their design and planting. But what of the suburban lot, where there is space enough to achieve really commodious outdoor living, and where conditions permit the use of a wide variety of plant material? Here, indeed, is a chance for imagination and individuality.

Yet today, as yesterday, the suburban dweller so often seems content to follow the lead of his neighbor in shutting out the light from his windows with assorted (and all too often ill-chosen) evergreens, dotting his lawn with blue spruce and specimen shrubs, and edging his walks with umbrella-like catalpas. Apparently he completely forgets the need for some attractive little area where he can enjoy his property in seclusion and comfort. Of course, houses are of various types and styles, and need a carefully studied setting, and the use of plant material suitable to them. But this simply adds to the interest of the problem and the satisfaction that comes from a successful solution of it.

The English style brick house of Dr. and Mrs. William Gilpatric in Winchester, Massachusetts, seemed to the landscape architect, Rosalind Spring LaFontaine, to call for a very simple and restrained treatment, but one which would give the maximum amount of "livability" to the comparatively small area which is closely surrounded by neighboring properties.

For the foundation planting both evergreen and deciduous shrubs were used, these being chosen with an eye to the attractiveness of twig or berry even in the winter. Pfitzers juniper, inkberry, andromeda, high-bush blueberry, kerria, and spreading cotoneaster were selected, with lilacs to give height where needed. Vines were also used, chiefly Boston ivy, its more dainty relative Ampelopsis (or Parthenocissus) tricuspidata lowi, and the climbing hydrangea (*H. petiolaris*), which will cling to brick and stone.

The informal placing of the entrance doorway was taken advantage of, and the resulting simple planting, following the lines of the house, has more charm than much of the balanced planting (so often of stiff, pointed ever-

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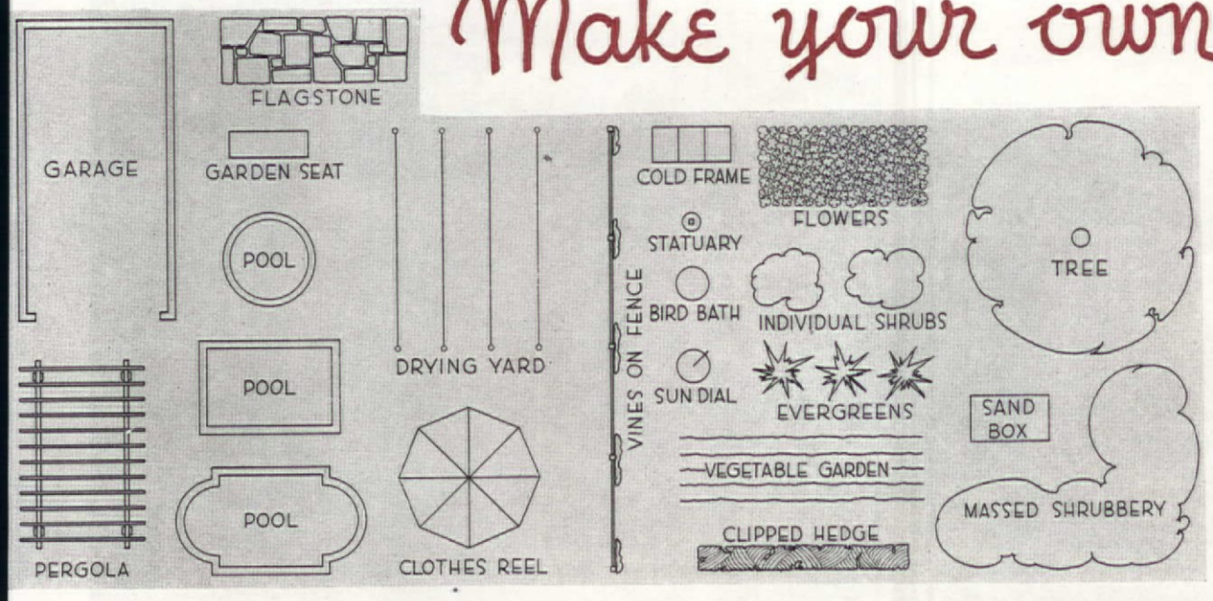
Make your own PLANS



MARGARET TIPTON WHEATLY

Sketches by SIGMAN-WARD

With a simple ground plan of your lot, drawn to scale, and conventional symbols like these, you can work out all kinds of garden designs. At right, A is the front or public area, B private outdoor living room, and C service or play area

WE GARDENERS have some very fixed ideas about plans. Few of us will hire a landscape architect to tell us where and what to plant or build about our home grounds. We have conceived the idea that such a procedure costs untold amounts of money. Herein we err, because we actually save money by getting a bit of expert advice, at least, and developing a layout, if only a rough one, of our grounds whether they be a city lot, an estate, or something in between.

It may be that the plan we secure will not be followed to the letter, even after we pay for it; but it will tend to get us started on a definite planting program, which, after all, is one of the first steps toward a well-landscaped garden. We may have ever so fine thoughts about the kind of garden we shall have "some day," but unless we stick a shovel in the ground and turn over the soil that is ours, we shall never have a garden. As in Europe, it is becoming increasingly true here that a garden does not of necessity mean an abundance of bloom. It should mean a bit of God's universe adapted to our own particular needs and desires, perhaps even to our ideals.

The very mention of a plan brings to many minds a garden so laid out as to resemble a problem in geometry. If instead we can think of a plan merely as a pattern or guide, then we are progressing toward something like an enjoyable undertaking. Perhaps you know of gardens which have grown out of trial and error, and at last, after much progression, evolved into something apparently unstudied and natural. While it may not be evident, a natural woodsy effect has design just as surely as the formal garden. The ability to visualize a layout when reduced in scale and expressed as a conventional plan aids materially in planning the home grounds.

We are accustomed to planning ahead for various things and that is what we do when we make a garden plan. Features of the garden which at first may only be anticipated are in this way definitely planned for. Unnecessary labor and expense are thus avoided because only temporary planting will be done on areas where, later, permanent features will be planted or constructed.

A plan presents the relationship of house to unoccupied ground, which will become the garden. It lays our domain before us, on a relatively small piece of paper, and viewing it in this way we can more clearly visualize our complete undertaking. Living mostly indoors and being used to walls about us, we shall be able, when our boundaries are indicated, to "see" where paths and main features should be placed. Trees, pools, fences, and hedges will correspond to room furnishings, and thus visualized, our designing problem is greatly simplified. Depending upon one's individual likes and hobbies, and upon the amount of time to be spent at them, the part of the garden to be used for a recreation center is furnished for outdoor suppers, swimming parties, or garden plays.

Just as styles in architecture change, so that it becomes desirable to redesign houses, so do gardens become outgrown and overgrown. Because we live much more in the open than formerly, our ideas of gardens have changed, especially in that connection.

One may feel that a plan is all right for a new place, when one starts

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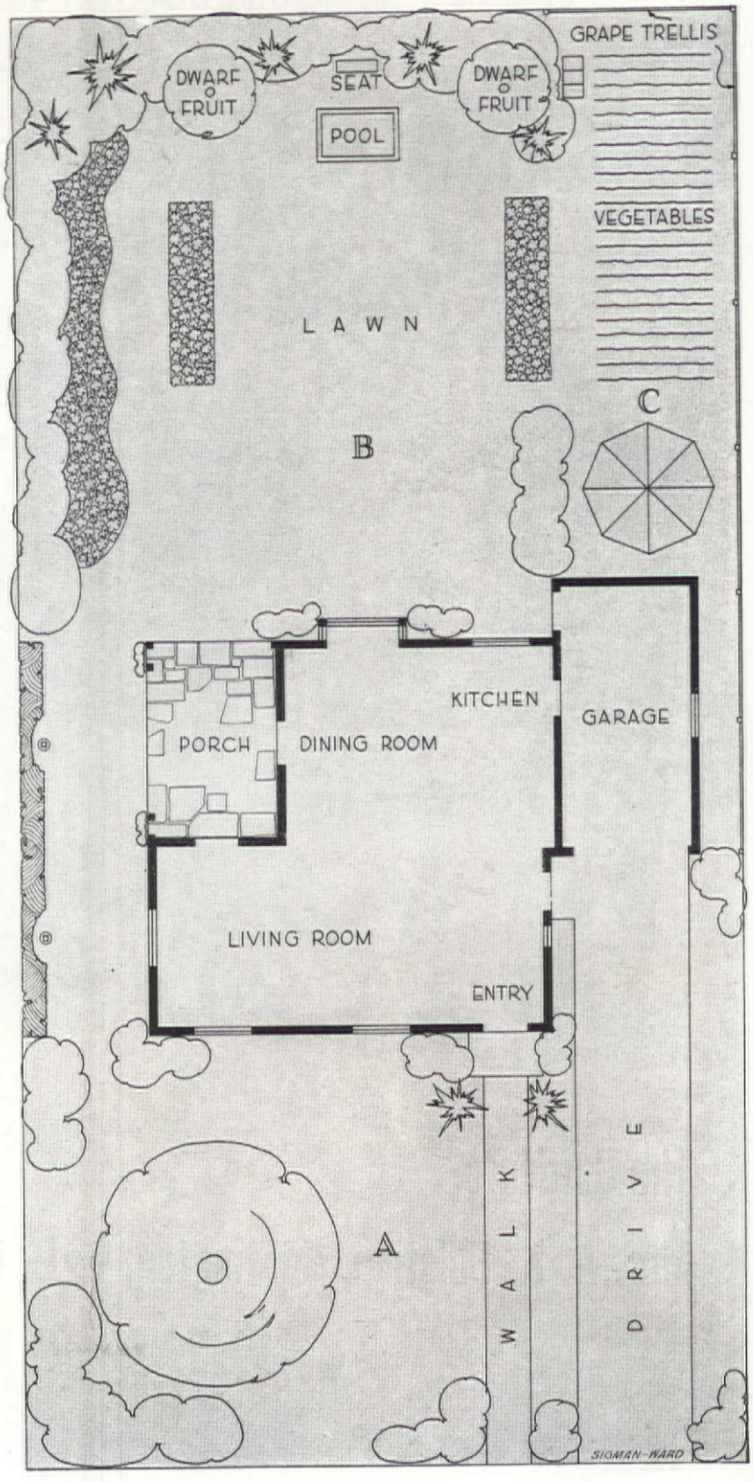

Jessie Tarbox Beals

ANABEL
PARKER
McCANN

The Garden of Mrs. A. K. Billstein, Huntington, L. I., is

A ROCK GARDEN THAT REALLY FITS

YEAR by year the number of garden lovers interested in rock planting increases and every recurring springtide brings new carpets of flowery color in spots where they were not formerly seen. But the growing of rock plants is so comparatively recent an art that every addition to the knowledge of its technique is welcome news. It is a red letter day when a rock gardener announces that he has been able to carry over the winter a plant hitherto called tender, or that he has been able to transplant successfully one which other gardeners have said would not stand transplanting.

Any rock planting enthusiast, whether the owner of such a garden or with ambitions to create one, would find keen delight in the rock wall and garden illustrated here. Its owners are Mr. and Mrs. A. K. Billstein of Huntington, Long Island, and it is entirely a product of Mrs. Billstein's interest and activity. She even set the rocks of the wall in place, supporting them well with small stones between, so as to provide ample room for root growth; so that each rock should slope toward the back and let the water run in to the roots instead of away on the outside.

This planting was started as recently as the fall of 1935, but into its creation went an experience of fourteen years. Also Mrs. Billstein was able, when her husband bought the Hunt-

ington place, to start her new garden with many well-grown, healthy plants taken from her first rock garden in Great Neck, Long Island. There she had learned the habits of the different subjects so she could give each a preferred location. She knew which liked shade, which grew best with their feet in damp earth, which needed fertilizer, and which were partial to acid soil. That is probably one of the reasons why her new garden was full of bloom its first spring, whereas makers of some wall gardens have had to wait four or more years for a color display.

Where the blossom-decked wall now stands was originally a retaining wall of cement, bare and unlovely. This had to be demolished. Then the face of the uncovered bank was cut to a gentle incline to serve the double purpose of providing more solid protection for the earth back of it and of catching rainfall.

When effects like those shown above and opposite are obtained in two years they tell of the right plants grown in the right places with skill and love

"Most of the plants were put into the wall as it was laid, rock by rock," Mrs. Billstein explains. "This gave opportunity to spread the well-grown roots and pack them well. I took up such a large ball of earth with each plant that it never knew it had been moved. That is the whole secret of transplanting, and I cannot say this too emphatically."

Facing southwest, the wall gets early morning sun in summer, is shaded at noon and then, after a few hours, is again bathed in sunlight for the rest of the day. But also every summer afternoon at about four o'clock, a south wind blows up from the salt water (Long Island Sound) frontage just beyond the driveway and bathes the plants in fresh air, which Mrs. Billstein is convinced is what rock plants love. This may be for some a new thought in rock gardening. But certain it is that her garden gives a novel impression of being constantly nourished by some elixir.

In the summer of 1937 it was watered only twice, probably because of the moisture-laden breeze that washed over it every day. During the hot weather of its first season (1936) it needed frequent watering, though less than was given the lawn. Of course it had to be a gentle sprinkle so as not to wash out the pockets of soil. A steady sprinkling for at least an hour, so that the soil is wet six inches down, is Mrs. Billstein's recipe. She also believes that, generally speaking, fertilizers are out of place in rock planting and not conducive to the nice little close mats which one wants

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GOOD THINGS FOR ROCK GARDENS

Two interesting rock garden subjects, Cotula squalida (left) and Arenaria balearica—read about them and others in articles by Charles H. Chesley and James Neeman on pages 76 and 77

GROWING PAINS

or—So you're going to have a GARDEN!

MARION A. BUCKELMUELLER

Gardening is like raising children. You want to know all the rules, then go ahead on the trial and error basis

ALL OF us started to be gardeners at one special and particular time. The urge hardly ever sneaks up on you; rather it comes down like the Assyrian in the poem; you know, "like a wolf on the fold." Or perhaps it bursts more like spring, and you wake up some morning experiencing the uncontrollable yearning. Your fingers itch for the feel of soil and you want to breathe deeply of the smell of growing things.

Perhaps you were very young when this happened and you removed a large clump of tulips—bulbs and all—from a neighbor's border and bore them home triumphantly. The family had to rush them back with apologies, and you simply couldn't make your irate parents understand that you *had* to do it. It was an ungovernable "urge" and you had responded to inner quiverings that were no respecters of property rights.

Or perhaps at a later stage in your career, with a flare of misguided enthusiasm, you planted radishes—rows and rows of radishes. When they grew up you would sell them and the radish-conscious world would be clamoring at your garden gate! It helped a lot to watch the first leaves come up, and to wash the first of the crop in the bucket under the garden faucet and crunch it in your teeth then and there, dripping wet and crisp. The entire world of horticulture opened around you and the first radish, and next year, you planned, it would be beans, or pansies. Everything was different from then on. Will it grow in my garden? became a vital question about each new plant you came across.

The gardener at maturity is more cautious but none the less impelled by the prehistoric "urge." His difficulty is that he should try to keep it a well-cloaked secret. Otherwise, as he turns over his first spadeful of earth, the Advisers will begin to flock. They'll start by telling you that the way you hold your fork will raise blisters, and that the place you have chosen to adorn has the wrong exposure. They will continue the harangue until you think that back seat drivers are angels in comparison. They'll walk on your lawn, finger your seed packets, stick thumb nails in your bulbs and park in the lawn chairs, all the while explaining that petunias should be started in the house, that larkspur needs a cold frame. When, in desperation, you explain to them, individually and collectively, that you don't care if nothing grows, that you're just working up a healthy perspiration, they will go away urged by the points of your shiny new rake with the label still on the handle. They will go muttering to each other about soil tests and a constructive plan. But, thank goodness, you're rid of them and are again the Omnipotent Gardener.

The worst of it is they are right! Nevertheless, everyone takes a fierce and heated pride in making his own garden errors. You want to mess around and experiment. Cultivate half the sweet pea rows with a dust mulch and cover the other half with straw and see what happens. The path from amateur to specialist is full of fences higher than you can hold a hoe, but that's the fun; later, we can dismiss them with a wave of the trowel. It's like raising children. You want to know all the rules and then see what you can do with the material on hand.

Of course, mistakes in gardening are so heartbreaking because it takes such a maddening time to eradicate the evidence. You writhe in anguish when an Adviser strolls in and you explain the blank spot in the border where you sprayed with fly-killing solution instead of pyrethrum. And you mis-label. Everyone does. The French marigolds peep out behind the forest primeval of three-foot tall Africans. There is no gentle veil to draw over a garden blunder. You can feed a fallen cake to the puppy on the sly or you can plop your drive into the water hazard on the sixteenth hole with comparative privacy; but a hybrid tea rose planted in front of a trellis will stand out like a dent in a new fender. Perhaps, after you sterilize flats, seeds, soil and all, in the oven, water hopefully for six weeks and then find not even a weed appearing, you can surreptitiously visit the florist and get a nice flat of verbenas. But be sure to chop up the flat (if it bears the florist's name) for kindling wood before your Arch Rival in horticulture remarks at the profusion of verbenas and starts looking around.

It saves a lot of wear and tear on one's pride to investigate the family life of flora while you are still thumbing the catalogue. Hardly anyone buries Nicotiana seed under a half inch of well-sieved loam and breathlessly awaits results; but I still blush with shame over the promises of seed I made to admirers of my giant fringed petunias. I watched like a hen on a china nest-egg for those seed pods to form. I even made a neat list of the anxious ones awaiting my crop. How was I to know that it took a camel's hair brush and California climate? Of such experiences, I suppose, character is born—or at least caution.

The truest axiom for the possessor of the grand "urge" is, "Nothing beats a trial but a failure." No matter how many people say, "I could have told you so," the real fun is finding out for yourself. Dig around. Plant hither and yon and nigh. Plan all the sunken gardens and fifty-foot pools with lilies of the Nile, lush with bloom, that you want, because there is always Next Year. Perhaps Next Year you will equip your shrubbery with zipper openings to expedite moving, and you'll want a serpentine wall for the climbing roses. No matter what tragedies you have faced this summer, they are leveled off with the coming of frost, and all through the long winter evenings graph paper and pencil and the beloved garden books will be blooming things all over again. In fact, I have a definite suspicion that is why the sun goes down so early all winter long. You can plot out a succession of bloom and color schemes that from the attic windows will look like a French tapestry. You can add and subtract pergolas and sundials. Very soon you will find that you are favoring a certain

[*Please turn to page 87*]

Sketches by Gretchen Harshbarger

. . . you writhe in anguish when an Adviser strolls in and you explain that spot where you used fly-killer instead of pyrethrum!

1937 AMERICAN HOME Achievement Medal AWARDS

Jessie Tarbox Beals

Mildred Pote, silver medal award at the American Dahlia Society Show in N. Y.

Pink Elegance, winner at the Louisville, Ky., and Indianapolis shows

Two views of The American Home Achievement Medal awarded yearly as a tribute to merit in new, undisseminated flowers

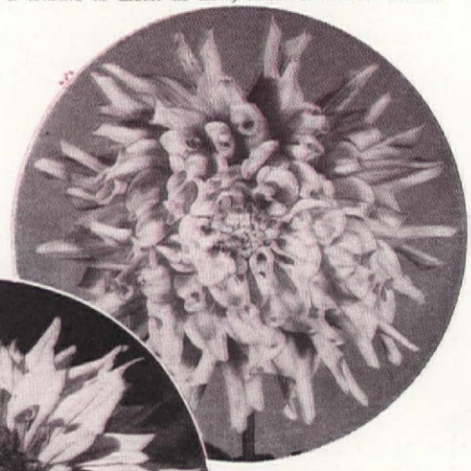
THE AMERICAN HOME Achievement Medal, recognized for more than twenty years as an outstanding tribute to merit in new, undisseminated flowers, was awarded at twenty-three exhibitions during 1937. In the case of two national shows, the silver trophy was given once to a dahlia and once to a peony. Of the other bronze medals, one went to an iris, one to a gladiolus, and the rest to dahlias. This preponderance of dahlia awards is explained by the fact that the medal was originated and first presented by the *Garden Magazine* (as THE AMERICAN HOME was then known) as a special dahlia prize; one of the first recipients—if not the first—was Mrs. Charles H. Stout of New Jersey, to whom the cause of the dahlia owes so much. Later, the terms of the gift were expanded to include other kinds of flowers shown at exhibitions of recognized status while retaining the original high standards. These terms, as they must appear in schedules of shows which are authorized to offer the Medal, are as follows:

"THE AMERICAN HOME Achievement Medal is offered for award to the most worthy undisseminated. . . . Open to all, amateur and professional. At least three blooms (or spikes) on long stems must be shown and entered specifically for this award. The award will be made only to a new variety of adequate merit, distinction, and novelty, having distinctiveness as compared with existing varieties. It cannot be made to an unnamed seedling or one less than three years old. In the event of a contesting variety being unnamed, the award will not be confirmed until a name has been given. (In the event of no novelty qualifying for this award, the Medal may be awarded to the best bloom in the exhibition, if considered worthy by the judges.)"

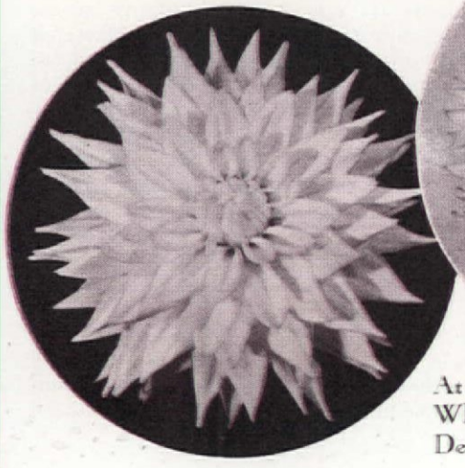
Thus the Medal is by no means a mere stimulus for the indiscriminate production of new things that stand little or no chance of becoming popular and widely grown, but a recognition of proven accomplishment certified to by an established authoritative organization. This history of its distribution during a score of years is evidence of the care and discretion with which it has been offered and awarded. In the case of last year's winners, the following brief notes are based on

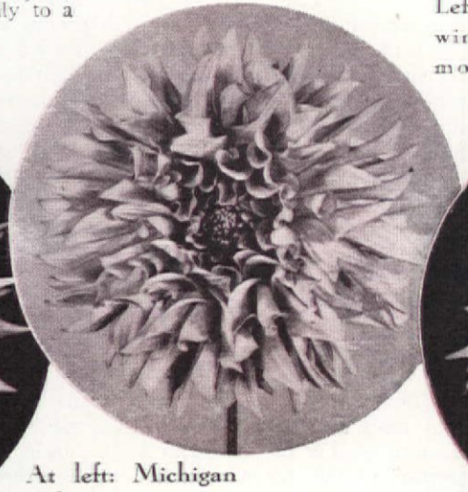
[*Please turn to page 64*]

Left: Rosy Morn, winner at Baltimore, Maryland

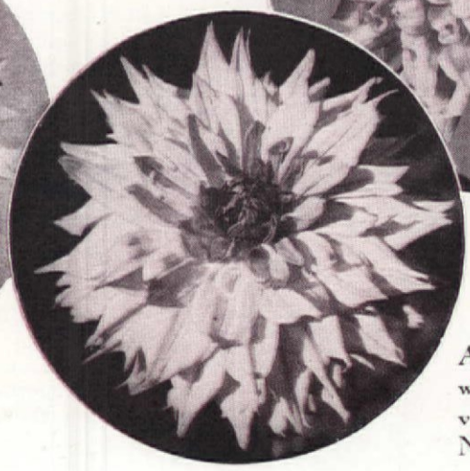


Above: Pink Fantasy, winner at Camden, New Jersey





At left: Michigan White, winner at Detroit, Michigan



At left: Sunrays, winner at Rockville Centre, New York show

Broad-leaved EVERGREENS
—and how to know them

(SEE KEY, PAGE 108)

Evergreen barberries have twigs with wicked-branched thorns. See Key I

How leaf margins vary. Top, rhododendron; center, Berberis verruculosa (warty barberry; bottom, euonymus

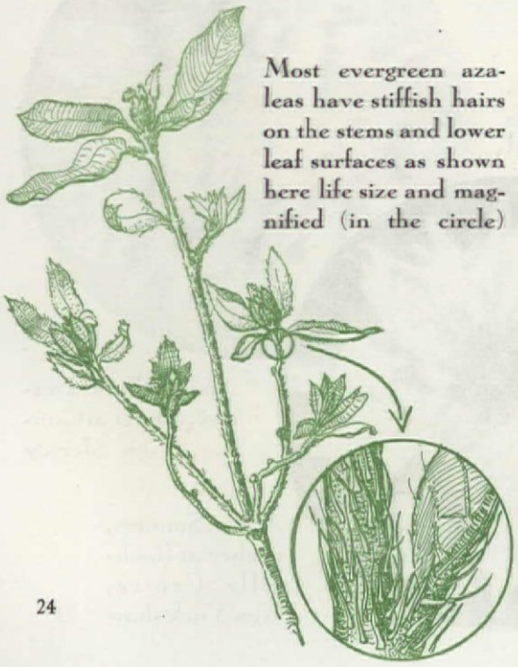
Mahonia leaves resemble holly but are compound. The number of leaflets tells the species: Left, M. beali; at the right, M. aquifolium

Leaves of the akebia are palmately compound (Key III)

Photographs by the author

DONALD WYMAN
of the Arnold Arboretum

AFTER the long winter months have passed, many home owners realize (if they did not before) what a really valuable group the broad-leaved evergreens are for keeping life and beauty continually in the landscape. They function not only in the winter, but also in the spring; and many of them can be favorably compared with the best of our flowering deciduous trees and shrubs. What is more beautiful than a group of rhododendrons or azaleas in full bloom, or a hillside covered with the native mountain-laurel? In this respect they surpass the conifers or narrow-leaved evergreens which, though valuable in beautifying the winter landscape, usually form at other times merely a part of the neutral background or "filler" planting, giving way to the more conspicuous deciduous flowering shrubs.



Most evergreen azaleas have stiffish hairs on the stems and lower leaf surfaces as shown here life size and magnified (in the circle)

Other broad-leaved subjects, such as the hollies, barberries, and firethorn are outstanding in the fall with their bright colored fruits, for which the evergreen leaves form an excellent background. Some, like the drooping leucothöe and the mahonia, have a good autumn foliage color (a deep purple in these cases) that provides interesting variation at seasons when other plants are supposedly in their prime. Because of their glossy, dark green leaves, plants like the cherry-laurel, evergreen, burningbush, and Japanese holly are outstanding throughout the year, no matter whether deciduous plants are close by or not. In short, the broad-leaved evergreens are valuable plants at all seasons of the year, and can successfully compete with the best of the deciduous trees and shrubs for outstanding garden interest. Let us, then, note a few of the important groups into which some of the better known of them fall.

The numerous rhododendrons are perhaps the best of all for outstanding beauty. Most of them have evergreen leaves, comparatively large and leathery, and many species are native to this country, such as the giant rosebay, the Carolina rhododendron, and the Catawba rhododendron of the southern Appalachian Mountains. Unfortunately, some have the peculiar habit of curling their leaves during periods of severe cold as a defense against winter drying and injury; the result is that they look shriveled and unhealthy. However, the leaves unroll readily in a few hours after the sun comes out and the temperature rises.

Although the large flowered English rhododendrons are not completely hardy in the North, there are at least fifteen well-flowered hybrids that are perfectly hardy as far north as Boston; with the range in the color of their flowers they can be used in many delightful combinations. Some of these hybrid varieties are Boule de Neige, R. album elegans, and R. album grandiflorum, all with white flowers; Lady Armstrong, Henrietta Sargent, Mrs. C. S. Sargent, and R. roseum elegans, with pink flowers; Kettledrum, R. atrosanguineum, H. W. Sargent, and Caractacus, which are red; and R. purpureum elegans and R. purpureum grandiflorum, which are purple. All these have flower clusters larger than those of the dainty Carolina rhododendron, the first of all to bloom. The last of all

The graceful abelia shrub blooms from summer until frost and the pale flower bracts seen here hang on even longer

Most of us are familiar with the small, neat leaves and distinctive fragrance of boxwood, but did we know its stems are square

Wintercreeper (Euonymus) leaves, always opposite and toothed, vary widely in size. Center, E. radicans; left, its variety minima; right, var. vegetus

to flower (the blossoms usually appearing the latter part of June, so late that the new growth often hides their effectiveness) is the giant rosebay, native over a great part of the eastern United States. The daphne rhododendron, considerably smaller in every way, is much better suited for small scale planting.

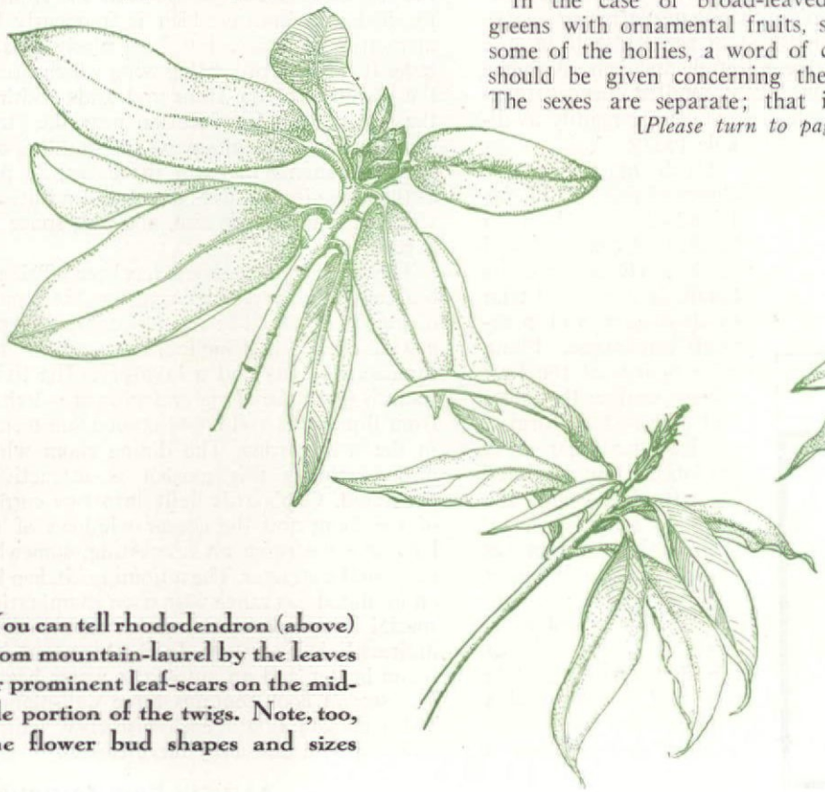
The evergreen azaleas (actually members of the Rhododendron genus and by some authorities regularly classed with them) are few, indeed, when compared with the larger number of deciduous types, but very outstanding. The hardiest of them is probably the Amoena azalea, but its flowers are of a poor magenta that is extremely hard to use in combination with any other color. The Hinodegiri azalea has decidedly better flowers and foliage, but is not quite as hardy, being used with safety only as far north as Philadelphia. The snow azalea is a lovely white and can be used in many places in the garden; it is not considered hardy north of New York City, although in sheltered locations in the warmer parts of Cape Cod it seems to thrive and its beautiful flowers are enjoyed every spring.

All rhododendrons and azaleas, and the mountain-laurel (which needs no introduction to American gardeners), require acid soil conditions. A mulch of acid peat moss, decaying oak leaves, or pine needles aids materially in keeping the soil acid. Most plants of this type bloom better when grown in full sun, but in the winter, too much strong sunlight is often responsible for the burning of the foliage. Consequently, even though often grown primarily for their flowers, plants are sometimes best placed in a situation where they will get some shade, at least in the winter and early spring. They may be used on the edge of woods, under hemlocks, or even as lawn specimens, but their use in foundation plantings should be avoided, particularly when the house is of stucco or brick, since rain water washing against the cement becomes decidedly alkaline and may change the reaction of the soil from acid to alkaline.

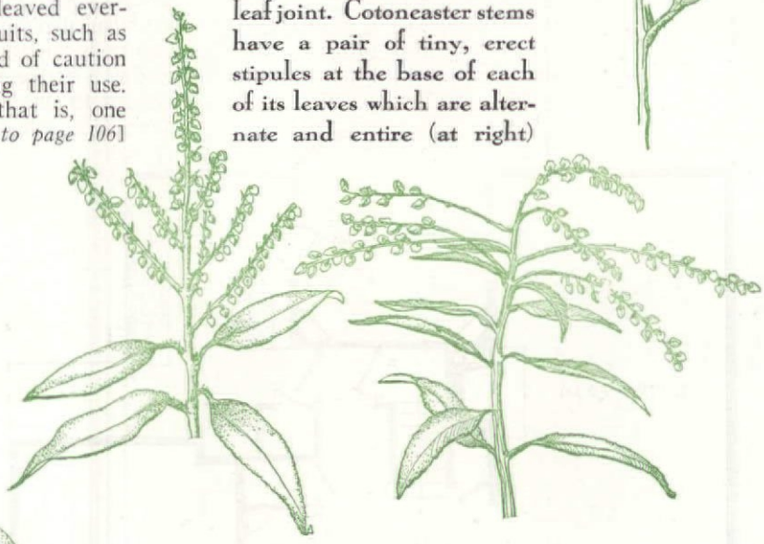
In the case of broad-leaved evergreens with ornamental fruits, such as some of the hollies, a word of caution should be given concerning their use. The sexes are separate; that is, one

[*Please turn to page 106*]

Look closely for distinguishing characters. Magnolia twigs (above) show a permanent stipular line at each leaf joint. Cotoneaster stems have a pair of tiny, erect stipules at the base of each of its leaves which are alternate and entire (at right)

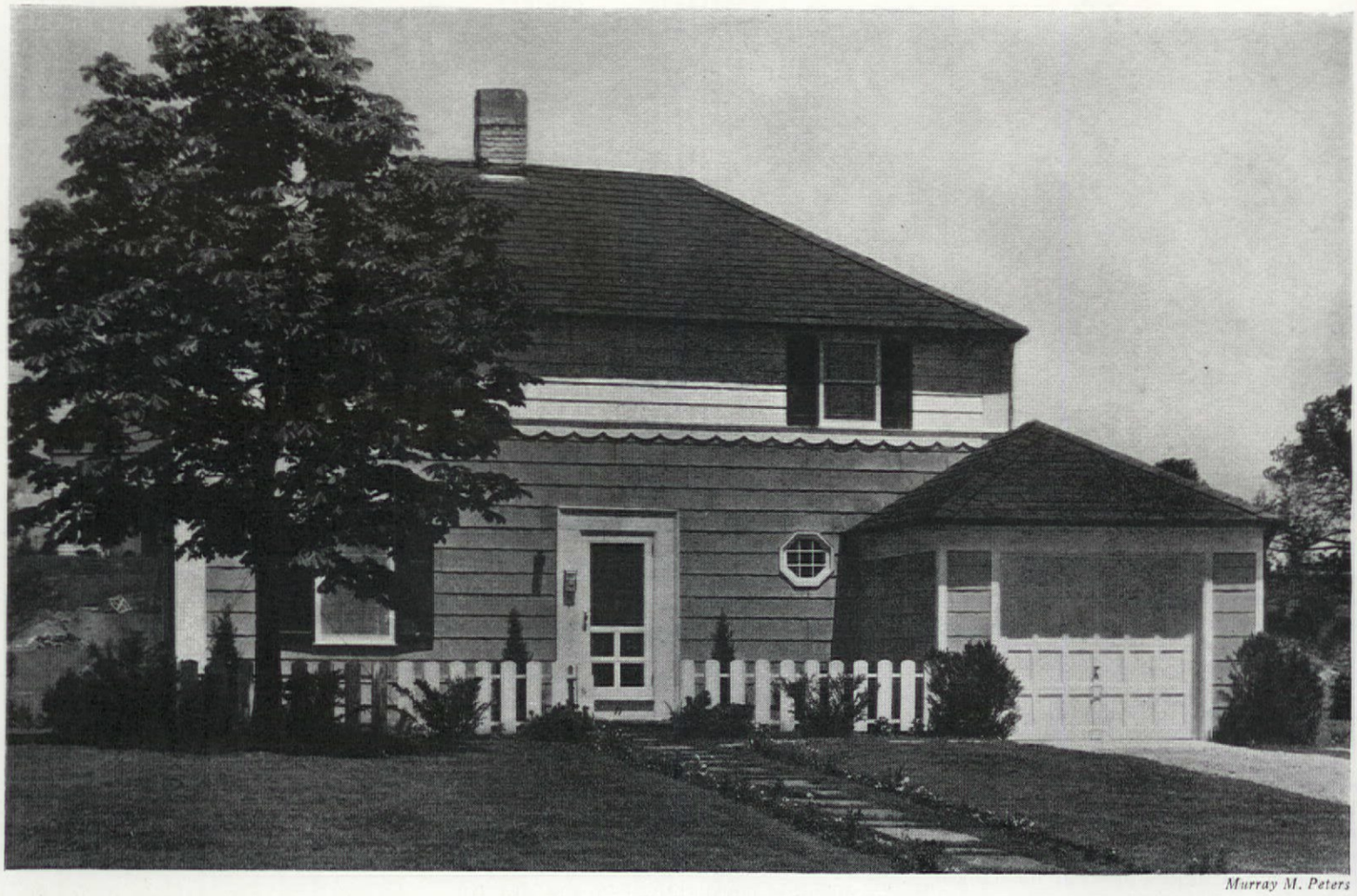


You can tell rhododendron (above) from mountain-laurel by the leaves or prominent leaf-scars on the middle portion of the twigs. Note, too, the flower bud shapes and sizes



Distinguishing features of the two species of Pieris are the winter flower-bud clusters. In P. floribunda (left) they are borne erect, in P. japonica (right) they are definitely drooping. See Key V-E-3b and 3c, page 111

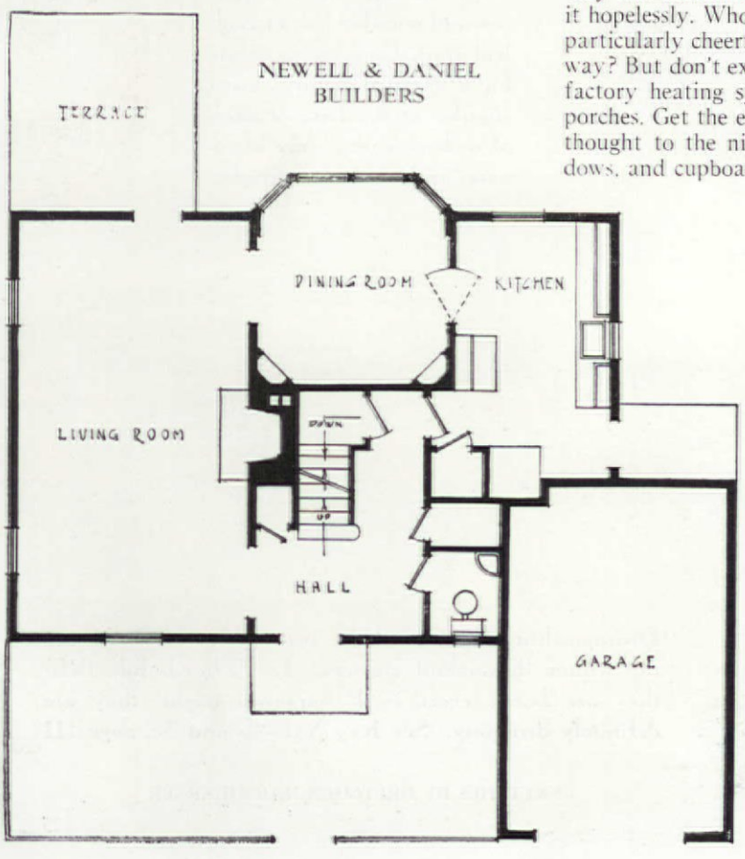
SKETCHES BY GRETCHEN HARSHBARGER



Murray M. Peters

Sold Complete, Plot 80' by 125', for $8,900

IN BUILDING a small house insist on attractive details in addition to good planning and construction. With small house design immeasurably improved today, you are entitled to good-looking trim, entranceways, and the like, as well as to the convenience of step-saving arrangements and labor-saving equipment. Details are important because they can accent a good house scheme or mar it hopelessly. Who can fail to remember some particularly cheerful window or inviting doorway? But don't exchange insulation or a satisfactory heating system for a couple of nice porches. Get the essentials first, but give some thought to the nicely detailed cornices, windows, and cupboards which are readily available today.



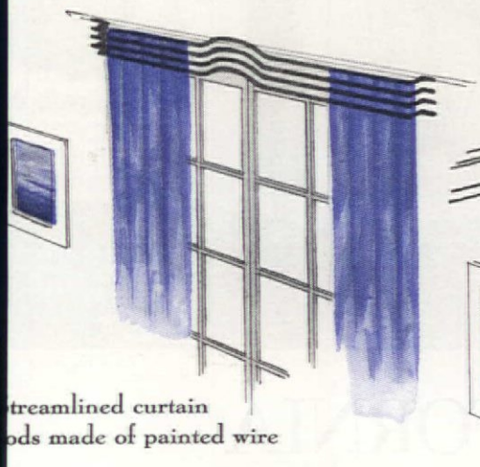
Much of the simple charm of this small Long Island house of Mr. John C. Strassel can be traced to the lively design of its detail. It uses wood trim to decorative and practical advantage. Plain, wide boards at the four corners outline the house and are used to form a cornice for the garage. A scalloped white moulding is carried around the house to create a sharp, horizontal effect. It serves as a sill for the upper windows and separates the white shingled walls from the gray walls of the first story; a slate roof and shutters add a darker note. The white picket fence encloses a small entrance yard and is a delightful (and at the same time economical) touch.

The shingles on the walls are nailed to a diagonal sheathing which covers the studding; the framework of the house rests on a poured concrete foundation and includes steel supporting girders. The garage is at the front of the house, a feature which is frequently unattractive but which has been nicely treated here. It forms a projecting wing which breaks the plainness of the front and adds width to the small house. Its location near the street has the advantage of saving the building and the maintenance of extra driveway; as part of the house it also saves the cost of additional walls. It is a sensible size, allowing space for garden tools.

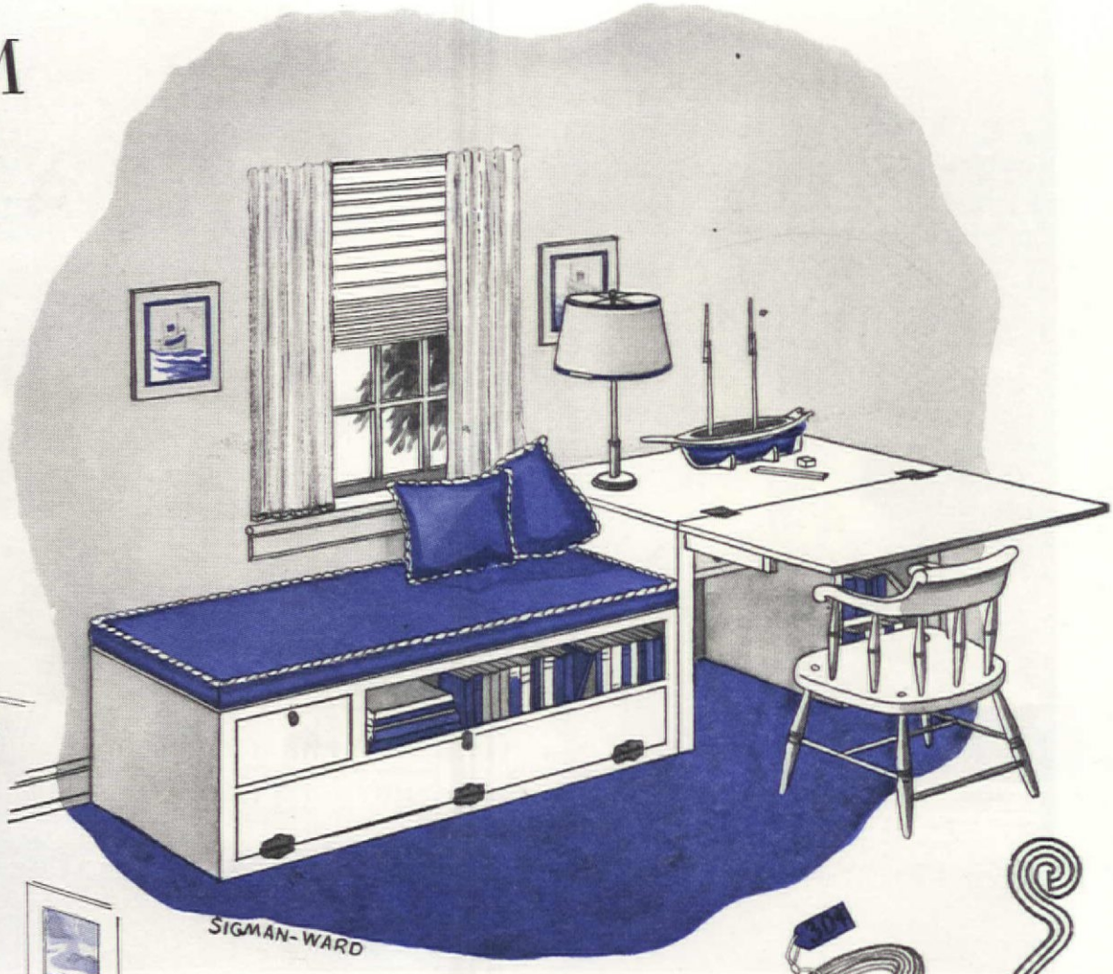
The interior of the house has been efficiently but comfortably planned and has the bounty of ample closets. The front door opens upon a wide central hall having, not one, but two capacious closets and a lavatory. The living room is generously long and wide, it is lighted from three sides and opens upon a sun terrace in the rear garden. The dining room which also overlooks this garden is attractively decorated. Cupboards built into two corners of the room and the corner windows of the bay give the room an interesting, somewhat octagonal character. The adjoining kitchen has an insulated gas range with oven illumination, special kitchen cabinets, and a sink with an indirect lighting fixture. In the basement is a steam heater and an automatic water heater. The second floor contains three well-planned bedrooms and a bath, each with cross ventilation and with unusually large closets.

MAXIMUM COMFORT built in MINIMUM SPACE

BILL BRICE



treamlined curtain
ods made of painted wire



A window seat with bookshelves and place for boats and games. The folding table has a non-scratchable top for clay and airplane modeling

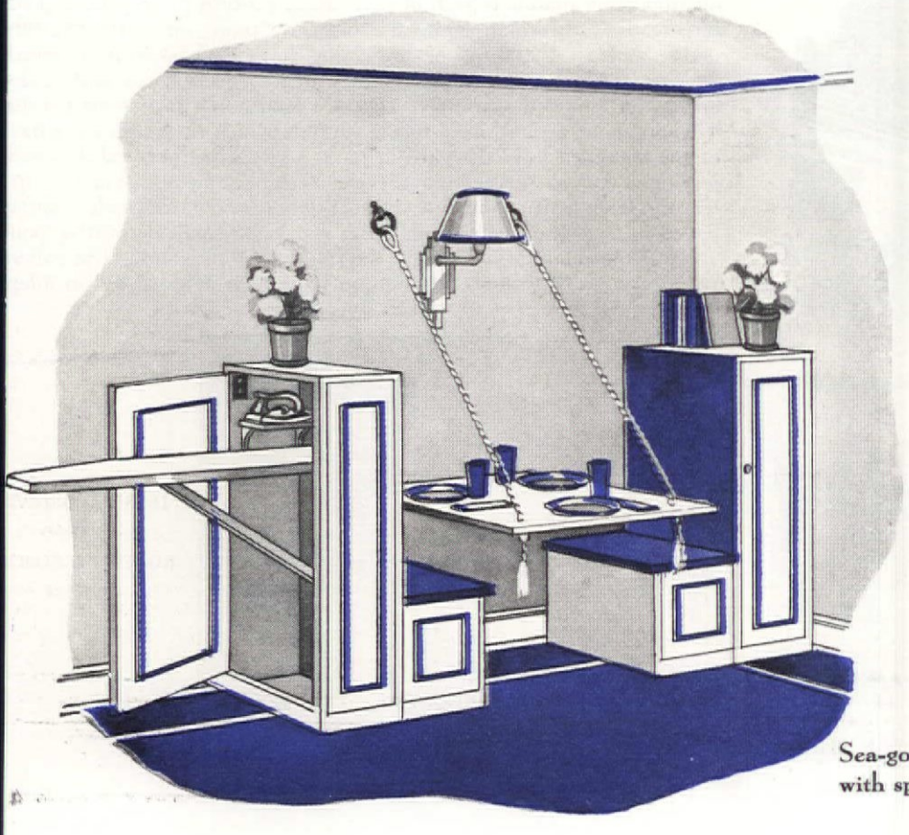
THE little lady in Apartment 101 at times makes my life very unhappy. You see years ago, when we were two, she and I were featured in that center aisle finale, in which I did "with all my worldly goods bestow." Now we are three—three cliff dwellers, loving the great open spaces only if they are steam heated. We are past masters of in-a-door technique, be it roll-a-way or Murphy. Our flowers grow in pits or hang in brackets, and I have come to feel that those famous last lines should currently be quoted "where will my worldly goods be stowed?"

I continually wonder what to do with the old army shirt. Where shall we store old copies of magazines; what shall we do with paints, crayons, light sockets, scrapbooks, and hammer? Where shall we stow the little lady's latest acquisition to her wardrobe? To say nothing of Junior's fast-growing assortment of ball bats, skis, airplanes, modeling clay.

So we plan. Plan to make our apartment free from domestic traffic tangles. If we can open the hall closet without a shower of zipper jackets, straw hats, and ironing boards—oh, wouldn't life be sweet? It would be sweet if we could even open the closet door.

The answer: We plan some more. We plan an addition! Not an addition such as the owner of a second- or third-mortgaged home would build in super-colossal Clasique Hills. No, we plan to build a couple of modern stow-a-ways, occasional shelfettes, or whatever-you-call-them.

We propose to build a movable breakfast nook. Instead of two seats wide, we will make it a single seater, one on each side with a chair on the end of the table. Practically every board in its construction is hinged and is a door to closet space. One side hides a trick ironing board which is collapsible. In the same cabinet is a shelf for the iron. (*Please turn to page 68*)



Sea-going atmosphere in a movable breakfast nook with space for bats, galoshes, and ironing equipment

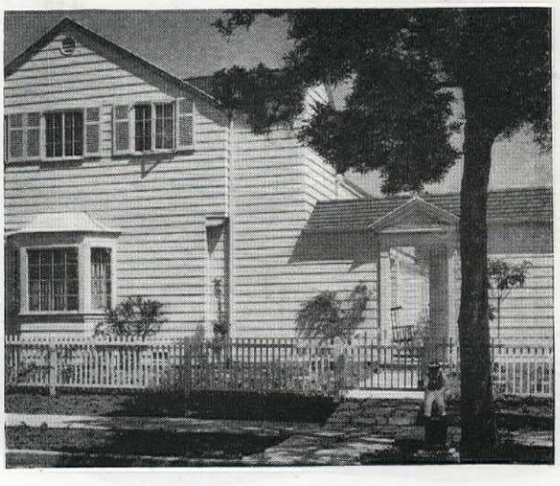
Fred R. Dappric

CLAPBOARD in CALIFORNIA

Beverly Hills Home of Norman Krasna, Playwright

SET among thick, dark trees that prove an effective foil for its bril liant white walls is this Beverly Hills residence of Norman Krasna playwright. It occupies an enviable corner site and makes intelligen and admirable use of it. The house is straightforwardly simple in de sign, of Colonial character, but with greater slenderness and elegance of proportion than is typical of its average Eastern prototype. Charac teristically Californian is its use of white paint on walls, shutters doors, and on the roofs of projecting bays. One skillful, topnotch feature is the clapboard siding wall which connects house and garag and whose shingled apron roof covers a long porch facing the garden This porch, at a right angle to the veranda which runs across the back of the house, encloses the yard in patio style. A pedimented doorway serving as an entrance from the side street, is an additional happy feature. High hedges complete the enclosure of the yard which is partly paved in flagstone for outdoor living and has a small decorative pool.

Excellent choice is evident in the interior of the house. The stereo typed aspects of Colonial decoration have been avoided by an adept



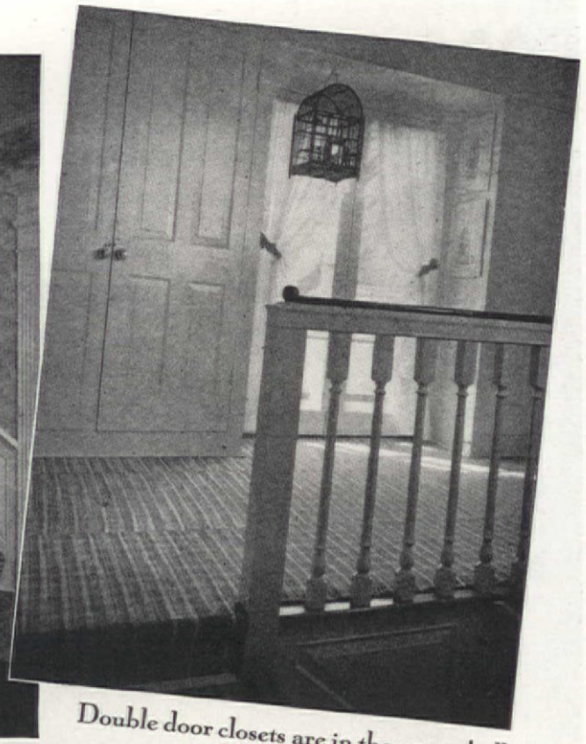
HAROLD GRIEVE
Decorator
ROBT. FINKELHO
Architect

use of uncommon furniture and a generous introduction of interesting materials. Antiques, selected with an eye to their simple charm and usefulness rather than for any museum value are stimulating pieces. The living room is a large, broad room with its long sides paneled in oak siding in a clear, light finish and its short sides covered with a yellow beige paper; the fireplace is at the center of the room opposite the large recessed window and bookshelves. Modern homespun fabric on the pouched, upholstered chairs and sofa is akin to traditional hand-braided rag rugs. Draperies and rug are in soft autumnal tones. Over a fine old chest is a landscape by Robert Woodward and around the room are handsome Windsor arm chairs and wide tripod tables capable of yeoman service; the seats of these chairs are supplied with cushions—an untraditional, but very comfortable addition. Nice, homely old oil lamps, fitted for electric light, are cheerfully, serviceably decorative.

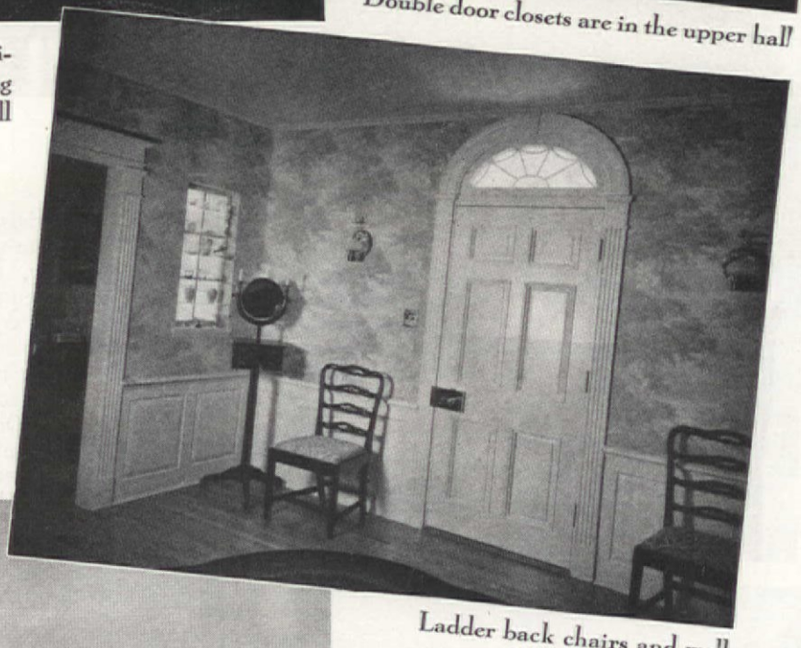
The front hall has white wainscoting, and blue, brown, and white checked carpet is used on the stairs and upper hall as a fresh and lively floor covering. There is old English glass on shelves in the hall window and a curious old antique shaving stand, used as a hall mirror. In the service region of the house, the kitchen is a rectangular room with the efficient plan of a ship's galley. A waterproof wallpaper with a design of gaily colored vegetables adds a splash of color above white tiled walls and work table. Plaid curtains, used in several rooms including kitchen and bath, are a clever combination of a material at once Colonial in character and smartly modern. The bath is a luxurious room with built-in fixtures. A marble washstand is incorporated in a wide dressing table having blue glass accessories, and window seats, covered with blue candlewick, afford lounging space. Another dressing table in a near-by guest room is an additional example of this discerning decorator's inventiveness. Over a simple cherry table, two mirrors are set in old picture frames and hinged together to make an ideal looking glass.

The game or card room, which opens on to the garden terrace, expresses the Colonial theme of the house in modern

A fine old table, hurricane glasses, and rag rugs decorate the hall



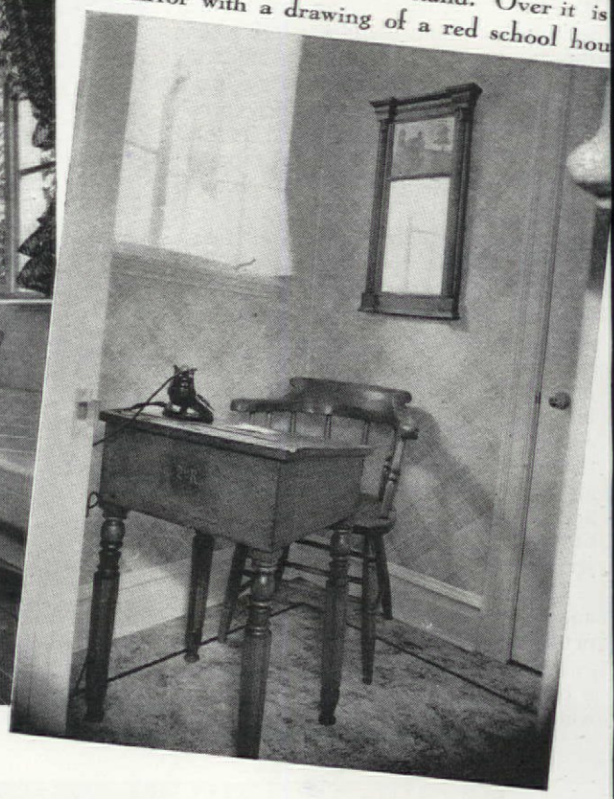
Double door closets are in the upper hall



Ladder back chairs and wall sconces flank the front door

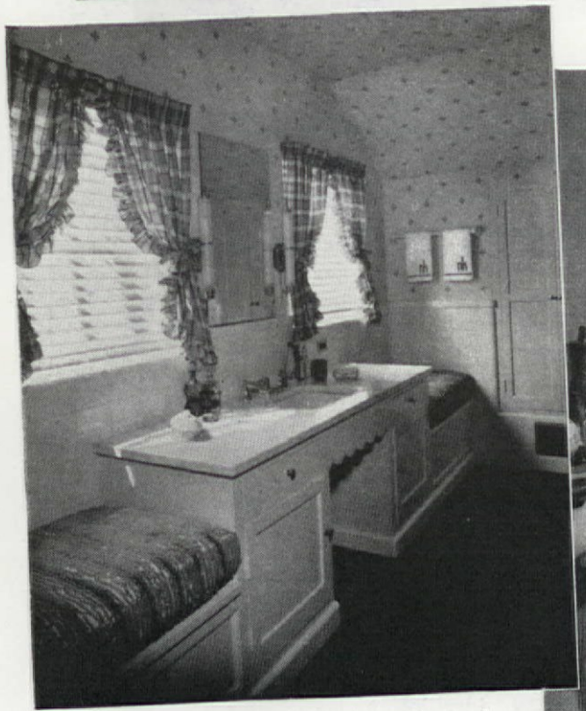
Antiques and modern furniture are blended with discernment in charming and comfortable fashion in the living room, which has windows on three sides, one surveying the yard

An old schoolroom desk marked Second Gra is used as a telephone stand. Over it is mirror with a drawing of a red school hou



materials. Tan leather, outlined in brass nail heads, covers the walls above a white wood dado, and armchairs and sofas in the same material are of sturdy, contemporary design. Red Swedish homespun pillows, rich eighteenth century oils of fighting cocks and old brass ship lamps add robust color to a spirited and handsome room. Near by there is a small space which does double duty as a combination telephone room and a powder room for feminine guests. It has been ingeniously decorated with an old schoolroom desk whose slanting top covers ample space for directories. On the opposite wall is a simple walnut shelf set with the double-deck vanity drawers from an antique walnut bureau.

Altogether the house has been designed with distinction and beauty and furnished with both. It is a modern Colonial interior of resourceful and imaginative design which has avoided the monotony of using only maple and has used a variety of modern and traditional materials interestingly. It is simple but not "quaint," nor barren, as Colonial interiors sometimes are.



Cylindrical fixtures light the marble wash-stand in the blue and white bathroom. Right: Leather walls over white wainscoting are a rich background in the card room

HISTORICAL BLUE STAFFORDSHIRE

MALCOLM WATKINS

Photographs courtesy of Metropolitan Museum of Art and Rhode Island School of Design

ALL OF you who are reading this will almost certainly remember that somewhere in a cupboard or a china closet of a friend or relative you have seen a piece of old blue china. It is just as likely, too, that you have at least one such a piece in your own china closet, either proudly displayed there, or (less fortunately) hidden in oblivion.

Let us suppose that by good luck, either in your own home, or the attic of a good-natured aunt, or the storage chest of a willing friend, you resurrect a piece of chinaware that has a white body and a clear glaze and much blue decoration. Perhaps it is a piece of reproduction willow-pattern ware made in 1915; perhaps it is one of those angular cups or sugar bowls with cloudy blue decoration which met with such favor in Queen Victoria's early reign. If luck is smiling upon you, however, it may prove to be one of those striking deep blue plates or bowls—a dish of any shape—illustrated with scenes of actual American places and events so popular here between 1800 and 1840.

It is the latter, of course, that will concern us, for most value, aesthetic or monetary, is attached to them. Such pieces demand your attention if you like antiques, for there is always a chance for you to find them hidden in an out-of-the-way corner, or even placed out in plain sight, their value unrealized. The lucky discoverer with an inclination to collect will then be wise to look for other examples equally good. These

DESCRIPTIONS ON PAGE 84

Plate left, Winter View of Pittsfield, c. 1825 (Clews) with elm where Rev. T. Allen organized Berkshire Minutemen, courtesy Wells Historical Museum, Southbridge, Mass. Below, Landing of Lafayette at Castle Garden, (Clews), courtesy Mrs. B. K. Little. Lower plate, Battery Walk (Jackson); Platter with moss border. View of Boston from Chelsea, courtesy of the Metropolitan Museum of Art

still can be found, often at moderate prices, in antique shops, yet they have sufficient rarity to add zest to the hunt. After they have been acquired—and this is perhaps most important—their rich blue hues and clear brilliant patterns become valuable assets to the decorative attributes of the china closet, while the historical character of the views with which they are so handsomely decorated gives each piece an individuality and distinct interest.

Being bewildered but happy after your "find," you will want to know in more specific terms, at this point, what historical blue Staffordshire really is. In order to understand the answer, we must for a moment look backward, for a little over a century, on America's past. Our country will then reveal itself as a growing young nation, while England, in the contrasting distance, will appear as a highly organized capitalist-industrialist state. In America at this time you will see that we were growing at a tremendous pace. New York City had become a great port with large busi-

[*Please turn to page 81*]

EASTER EGGS *that are really original*

ELISE PRIESTER

EVEN the most aristocratic rabbit should be proud to claim these very original Easter Eggs. There are some with fourleaf clovers and with flowers made of heart-shaped stickers, others with bright polka dot patterns and one with tulip seals. Mr. Rabbit himself has linen reinforcements for eyes, an absorbent cotton nose, and ears, whiskers, and a formal stiff collar of paper. Both he and the young lady with legal-seal eyes, a heart-shaped mouth, and a lace paper hat were put together with rubber cement. As you see in the photograph on page 33, even gold and silver stars contribute to the cause.

This sentimental pastime that will amuse everyone from your mischievous young son to your dignified husband is both easy and inexpensive. You need large white eggs, a package of dyes from the Five and Ten, a spoon-shaped wire hook with an end to use as a handle (for dipping eggs into the dye), adhesive tape, rubber cement, and stickers. Buy gold and silver stars, dots in various colors, small red hearts, linen reinforcements that are really meant for looseleaf notebooks, flower seals such as forget-me-nots and tulips, and red and blue legal seals. Most of these come in several sizes, but the small ones are the easiest to glue on a curved surface.

If you take pride in an immaculate kitchen and won't let it be cluttered up with pots of dye, or if you expect all the neighbors' children over for an afternoon of artistic experiment, it's a good idea to decorate all the eggs with stickers alone. Often these are just as attractive as the dyed ones, anyway. After the

well-known hard boiling process, you use your imagination about covering them with stars and dots. Then, try arranging hearts in four-leaf clover patterns, or turn the points outward and stick them around a center dot as flower petals. All-over designs of blue legal seals and stripes of the red ones, pasted so closely that they overlap a bit, are quite effective. There are endless arrangements, and you have the advantage of being able to soak off and replace designs until you are pleased, without wasting an egg.

If you want more colorful effects, try using seals with dyes. First put the stickers or other decorations on the egg (and be sure they stick firmly), by means of the wire hook lower it into a warm dye mixture, and take it out as soon as possible so there won't be time for the pattern to come off or even loosen. As it dries remove the stickers; if they were firmly glued,

row strips of adhesive tape and dye, and linen reinforcements for white circles on a colored ground. It's all a simple old process of sticking on the tape or reinforcements, dipping the egg in the dye and removing the tape to leave a design in white.

As I said in the title of this article, the real point is to make your Easter Eggs really original, which means that your own imagination will have to supply all kinds of ideas. First of all, look around in your local stores for seals and stickers that haven't been used in this way before. Then you can try some design experiments with paper and pencil to see what can be done with ordinary dots, dashes, squares and diamonds. By this time you may want to go in for human caricature and do something similar to our Mr. Rabbit or the young lady. It's a lot of fun to make bonnets and ears and stick them on with rubber cement, and calls for

Color photograph by F. M. Demarest

there will be clean white surfaces beneath them. Remember that you get the best results by working with both the dye and the eggs warm, and that if you leave the egg in the dye too long the color will be apt to be too deep.

Whether you use stickers alone or stickers with dyes, there is no excuse for not making really bright-looking Easter Eggs. As final suggestions, I recommend white spirals and plaids made by very narless artistic ability than you'd think. On those rainy afternoons when the young can find nothing to do with themselves, just supply a few bright colored stickers and let them go to it.

By Easter morning you should have a basket of these amusing eggs to use as a breakfast table centerpiece. I am sure that the results will be well worth the effort—but it is my personal opinion that the "effort" will be great fun—and really the best part of the whole idea!

Photographed in color for The American Home by F. M. Demarest

Lesson III—Sheraton

THAT today's trend is toward simplicity was brought out last month in our article on Modern. That many of our readers who are in sympathy with this trend still live in and prefer traditional homes, comes to our attention every day. When we looked back into the periods for a simple, restrained style that would give something of the new beauty to all of these homes without changing their character, we knew that in Sheraton's designs of the late eighteenth century in England was the answer.

There is a great deal of reserve and classic dignity about this style that make it a perfect background for quite formal living, but it is simple and human enough to be used almost any place but your summer retreat. It is light and small in scale, and therefore will give the Modern effect of spaciousness to the smallest house or apartment. If you want your home to express the contemporary as well as the traditional attitude, think over the possi-

The fabrics shown above are all excellent for drapery and upholstery purposes in a room with Sheraton furniture. Its delicacy and refinement of line naturally call for soft satins, striped silks, damasks, and chintzes. Designs, small in scale, include classic motifs, flowers, and especially, stripes. Colors are tints like soft yellow, pale greens and blues, off-shade pinks. On the screen, left to right, are two chintzes, a mercerized stripe, printed satin, damask, printed linen, striped chintz, and two flowered chintzes; draped over the chair, old green brocatelle with stripes; chair seat, classic striped blue damask, damask, chintz, and striped silk. Fabrics from Desley, Pacific Mills, Riverdale, Fielderest Fabrics, Marshall Field Mfg. Div., Titus Blatter, and the Waverly Division of F. Schumacher & Company

FABRICS OF SHERATON FEELING

Period Furniture

bilities of refreshing new colors that are so appropriate with this style. For instance, you can make an airy, cool dining room by using Sheraton furniture against soft yellow-green walls, with draperies and upholstery fabrics carrying out the scheme in subtle new colors and patterns. By the time Sheraton's designs appeared, a light classic interior architecture had replaced the earlier heavy architectural features; we now find that our simpler interiors without too elaborate mouldings and carving make a background that shows this distinguished furniture to advantage. The simple backgrounds make all pieces seem more important.

From Thomas Sheraton's designs you would think that his life was one of ease and wealth. Sheraton furniture reflects the culture that is usually associated with gracious living, but what little is known of his life shows the exact opposite to be true. His talents were many but did not include the ability to make money. An unfortunate personality and critical disposition kept him from winning the friendship of important clients who might have given him the prestige he so well deserved. Though his "Cabinet Maker and Upholsterer's Drawing Book" was first published in 1791, the designs which appeared in it did not bring him prosperity. When he died in London in 1806 at the age of fifty-six, he was just as poor and unpopular as when he started his career.

We now consider Sheraton's furniture designs as superb expressions of the tastes of a refined society. He designed pieces of classic restraint that were in complete harmony with the higher living standards of his day. There was a feeling of knowledge and sophistication in that his furniture ignored surface decorations that had no meaning, and showed to advantage the intrinsic beauty of fine materials, craftsmanship, and design. With the exception of his later designs which were influenced by the worst of the French Empire style, Sheraton's furniture gave evidence of real artistic ability. Though he did not hesitate to borrow from the designs of his contemporaries and sometimes did little more than make mechanical adaptations, many of his interpretations showed a great deal of originality.

In Sheraton's use of chaste straight lines, with just enough sweeping curves for grace, we see his most distinctive characteristic. In his adaptations of Adam and Louis XVI we are most conscious of the typical classic feeling. Although the furniture designs are definitely slender and refined, they are never too fragile for everyday use in the average "lived-in" type of home.

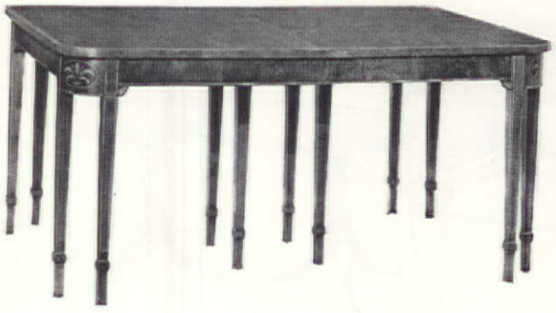
The graceful sofa with slender mahogany reeded legs is from Kittinger. Note the subtle curving arms, typical of Sheraton designs. The Pembroke table from Imperial, above left, is mahogany with an inlaid crotch mahogany panel on top. The small corner stand, above right, will add interest to an empty corner. It is mahogany. Colonial Mfg. Co.

This mahogany sideboard from Robert W. Irwin is perfect for a small dining room. Notice the slender, square, and tapered legs

The nicely proportioned mahogany dressing table with mirror and bench, above, is from Kittinger. Above at right is an exceptionally beautiful tambour desk from Flint & Horner, the Sheraton style at its best

A mahogany chest, above, provides the extra drawer space that is always so welcome. With oval-shaped hardware and reeded columns, Kindel interprets the spirit of the period

Both the mahogany dining table and chair, right, are from Berkey & Gay. The chair is a good example of the lattice-back type that Sheraton did so well



r Present-Day Homes

Notice the oval-shaped caned back of the late Sheraton chair, and slender legs of table

The handsome cabinet secretary, left, shows typical oval inlay tracery work and graceful pediment that add so much interest to the dominant straight lines

Straight lines in vertical reeded bars make a typical back in a Flint & Horner chair, above right. The spider table is from Baker, and the leather-topped cocktail table from the Fine Arts Furniture Co.

He had a remarkable sense of balance and proportion, and his furniture shows us the purity and beauty of geometrical forms skillfully used. In contrast to the dominant slender straight lines there are lyres and elongated vases used especially as ornamental chair splats, and sweeping curves in very extended S forms for chair arms. He liked fluted or reeded legs that tapered and were very slender, though he occasionally used the square and tapered type. Feet were always small and inconspicuous.

Since Sheraton used decoration sparingly and then only as accent to the intrinsic design, it took on added importance and dignity. Like our Modern designers, he preferred naturally beautiful woods to excessive surface embellishment. He seldom used painted decoration, but used inlay with discriminating taste. Though mahogany was most favored, Sheraton displayed great skill in the use of satinwood, rosewood, tulipwood, sycamore, and other rare woods. He sometimes decorated his furniture with very finely carved wreaths, rosettes, fans, and small ornamental disks, always in the delicate classic tradition of Adam. A break from the straight line is found in the oval cabinet panels and the curving tracery work on cabinet and bookcase doors. Hardware was most often oval shaped.

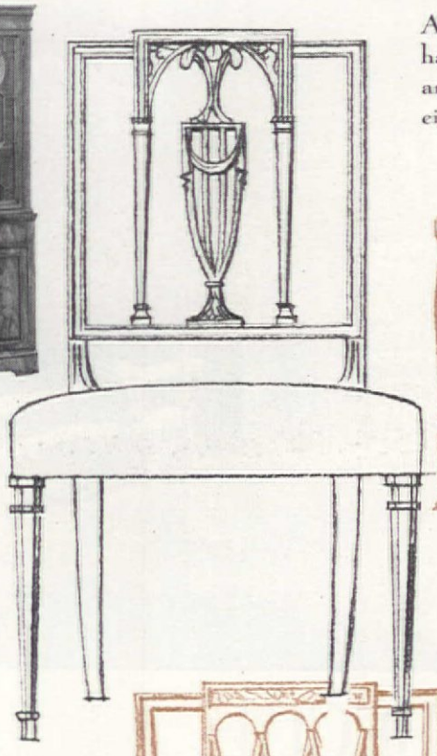
Of the furniture Sheraton designed, his chairs were most original. The lattice-back types especially show his distinctive use of straight lines, with emphasis on the vertical. The outlines are rectangular and

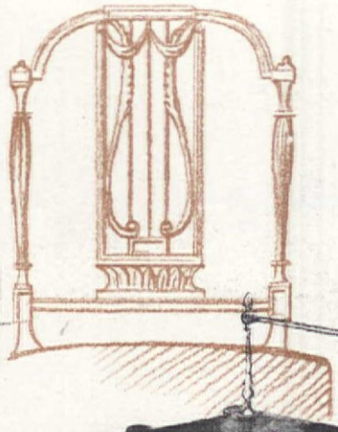
the lower rail makes a definite division between the seat and the back. Subtle curves are often used to connect the dominant straight lines. His designs for sideboards, cabinets, and desks are really adaptations and refinements of the work of other designers, most often Hepplewhite. The Sheraton sofa nearly always has reeded, tapered legs. Though all of this furniture is graceful and small in scale, it is structurally sound because Sheraton had an unwavering sense of balance and proportion, and understood construction.

An American Sheraton settee with free hand painted decorations and caned back and seat, lent to Albany Inst. of Art for eighteenth century furniture exhibition

With luxurious decorative fabrics and reproduction furniture at prices that won't upset the inevitable budget, you can easily make a charming room of the period. You will find silks, satins, chintzes, and damasks in interesting patterns and colors that reflect the true character of Sheraton's time. Delicate stripes, floral designs, and classic motifs are most appropriate. Refreshing and light colors are most at home in a Sheraton room, rather than the rich dark shades used previously around Queen Anne's time. There are fine dining room pieces that will fit into a minimum amount of space, and much distinguished bedroom and living room furniture. Best of all, you will find many small tables and the like inspired by Sheraton's designs that will give your home a new interest.

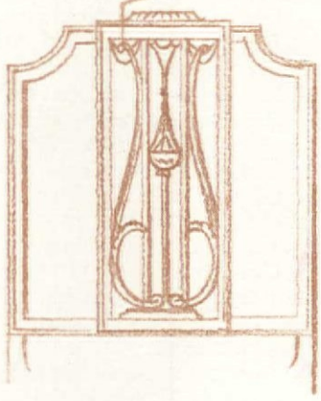
Let us again say that Sheraton furniture has a great deal of the spirit that we now call Modern, but retains the grace and luxury of the traditional. If you are careful in selecting and assembling it, you will make for yourself a suitable background for truly gracious living. It is in complete harmony with our homes of today.



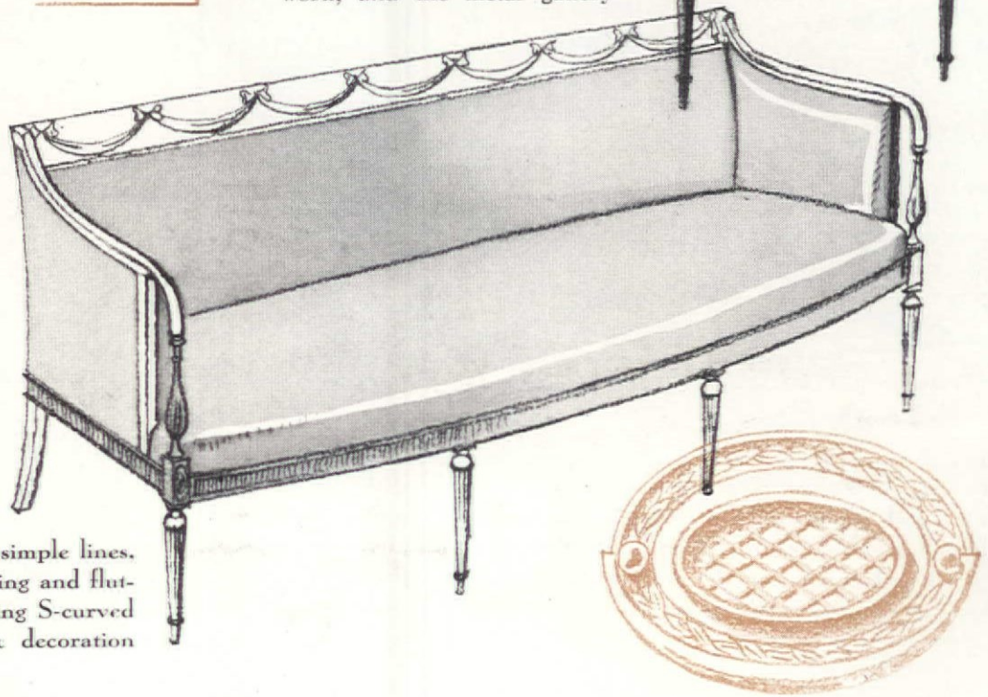


The corner cabinet with tracery work, top left, is a fine piece from Drexel. Drawings show the lattice-back type of chair, vase and lyre motifs, and the horizontal rail between seat and back

Since Sheraton is noted for refining and perfecting the sideboard, the above drawing is important. Notice the tapered legs, convex front, tambour work, and the metal gallery



HARRIE WOOD



An extremely graceful sofa illustrates the simple lines, beautiful proportions, unusual length, reeding and fluting, slender tapered legs, and the sweeping S-curved arms. The swag motif is a characteristic decoration

LOG CABIN BARBECUE

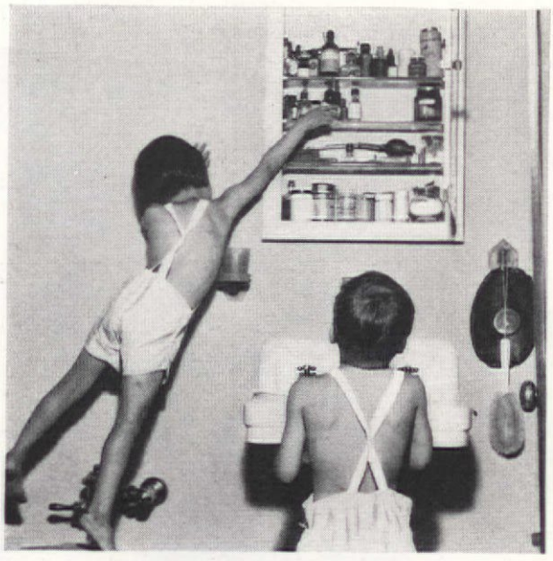
Built by Mr. A. E. Austin, of Norwalk, Connecticut

Here is a real inspiration for barbecue parties and steak suppers. You sit on an old milking stool or butter churn, do your own cooking over the fire, and then crack hickory nuts on the anvil at the left. Notice that the "kitchen" window, right, opens so that it has all the advantages of a butler's pantry

BARBECUE parties and steak suppers demand something of the old pioneer spirit. Living up to traditional rugged ideals, Mr. A. E. Austin, of Norwalk, Connecticut, built this log cabin to satisfy his "camping-out" urge and provide a somewhat sheltered place for the outdoor entertaining that he enjoys so much.

Because the walls are made of rough logs and flat stones found in the surrounding country, it looks as if it has grown up right along with New England. The fireplace, made secure by a wagon wheel rim, has its outlet up the chimney directly in back of it. Using resources at hand, Mr. Austin found furniture as rugged as the grindstone floor. For instance, an old butter churn (at the right as you enter) serves as storage space as well as for a surprisingly comfortable chair. Old milking stools are used for other chairs. Then, though indirect lighting may be one of today's problems, we like the ox yoke and torch lanterns for ceiling lights in this case. Modern functionalism appears in a new guise in the anvil at the left that is used to crack hickory nuts. At the right of the fireplace is a sink constructed of old Connecticut hollowed-out stone.

Not willing to do without some conveniences, Mr. Austin built on a miniature kitchen at the right, where he keeps complete outdoor cooking and eating utensils. Step into this kitchen for a minute and you'll understand why it is such a popular part of the log cabin. There are bright red curtains tied back by old-fashioned cookie cutters at the window that opens on the living-dining part of the cabin. Gayly painted wooden tubs have proved to be excellent sugar containers. An old wooden lemon squeezer adds atmosphere and is certainly useful. In addition, there are all the dishes needed to serve a goodly number of friends.



Nearly fifty per cent of home accidents are caused by falls. Keep the medicine chest out of the children's reach—or, better, keep it under lock and key

No boy whose father has taught him how to handle firearms is going to look down the barrel of a revolver—or point it at another person

5,658,500—One Year's Home Accident Toll!

EWIS EDWIN THEISS

BE IT ever so humble, there's no place like home," but—38,500 persons died in 1936 in home accidents, 170,000 were permanently isabled and 5,450,000 were temporarily disabled. There, according to merican Red Cross statistics, is a years' accident toll in the home, a tal of 5,658,500. It greatly exceeds the automobile highway slaughter nd accidents in industry are not even a good third—so much smaller the industrial casualty list than that of the home. Home accidents *re* decreasing, but the toll is still an appalling one.

Nearly fifty per cent of all home casualties are caused by falls. The 936 total of such deaths was 15,900.

Twenty-seven per cent of fatal falls occur in bedrooms. Twenty-three er cent happen outside the house—on porches, walks, etc. The living oom is the scene of fourteen per cent. Steps and stairways account r only nine per cent, and bathrooms only four. Seven per cent occur dining rooms.

Burns come next, causing eighteen per cent of all home accident talities. Poisonings account for six per cent. Cuts, bites, asphyxiation, ectrocution, puncture wounds, abrasions, and other injuries cause the maining twenty-six per cent of home accident deaths.

Having found where the danger lies, we can easily discover how to oid that danger. The secret of success can almost be put in two ords—careful housekeeping.

Take the bedroom, where most of these fatal falls occur. Why do ey happen there? First, because persons *will* walk in the dark. aturally, a person doesn't want to awaken a sleeper. But it is much tter to disturb the sleeper slightly, with a light, than to startle the eeper terribly by falling with a crash, and unnerve him completely hen he has to arise and pick up the dead offender. Exactly that thing ppened almost 4,300 times in 1936! Don't let it happen in your home. *urn on the light.*

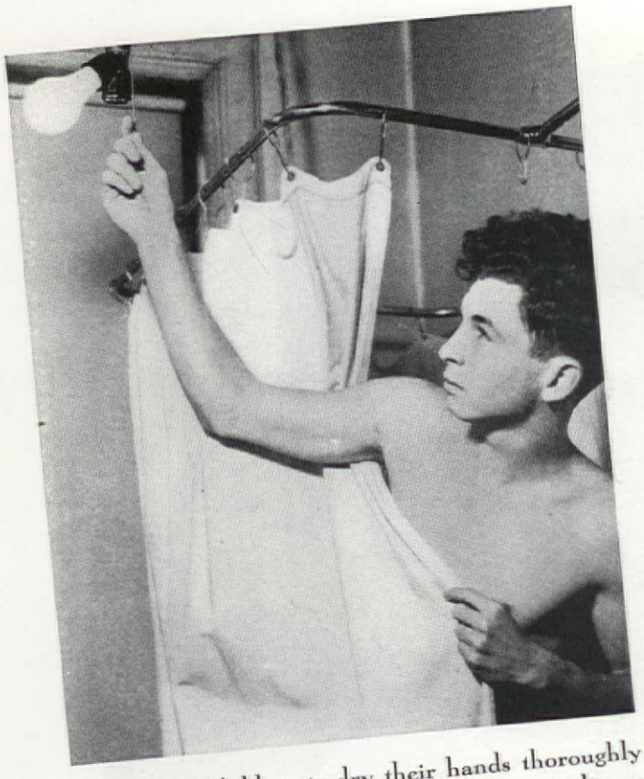
There isn't any light convenient? Too great economy in wiring has eated a perpetual hazard in thousands of homes. Put in more lights. ut them where they are so convenient there is no excuse whatever r not snapping them on. Remember, almost 16,000 persons are going die in American homes from falls this year and next year and the ar after, unless we take active steps to prevent it. Lighting your home lequately may keep your home out of this tragedy list.

Of course, it really isn't lack of light that is entirely to blame for ese fatal falls. They happen in the dark because things are out of ace. Be tidy. Keep your furniture where it belongs. Extend tidiness everything. When you take your shoes off, put them under the bed

PHOTOGRAPHS COURTESY OF THE AMERICAN RED CROSS

Kitchen implements, especially the bread knife, belong in the kitchen—not in the hands of a small child

Burns are the cause of eighteen per cent of all home accident fatalities. Children must never be allowed to play unobserved in your kitchen



Teach your children to dry their hands thoroughly before ever touching any electric switch or appliance

Keeping loaded guns in unlocked dresser drawers is not good housekeeping

or under a chair, where it isn't possible to fall over them. And make sure that you put them there every night.

Furniture and shoes are not the only things that make folks fall. Take slippery floors. Men, women, and children fall on them at midday—and die in consequence. Naturally, the housewife wants her floor to shine. But don't have your floor both shiny and deadly. Floors are slippery because they have too much wax on them, or because the wax wasn't rubbed in properly. Use less wax and more elbow grease, and your shine won't be of the fatal sort. And that precaution goes for wet or greasy linoleum. When you spill liquids on the kitchen floor, wipe them up at once. Think how often members of your family rush unsuspectingly into the kitchen. Don't endanger their lives even if you are busy.

Likewise, beware of magic carpets. Moving floors may be effective in a dance hall but not in the home. A rug that slides under your tread and brings you down with a terrible crash is mighty poor economy. Buy the rug lining when you buy your rug—don't put it off until later—and you will prevent such happenings.

You cannot trip over children's toys, if those toys are where they should be. Teach your child to put his toys away when he is through with them. Have a handy toy box or toy closet. A little effort with the children will soon make them "accident conscious." When they are, you may have saved several homes from tragedy—yours and theirs. Particularly should children be taught never to leave any object on the stairs. Stairways are such handy places to park things—roller skates, or toy automobiles, or a handful of marbles. It's just as handy a place to drop a dustpan and brush, or a book, or the little box the mail carrier just brought, and then one smells the beans burning and rushes to the kitchen, only to be terrified a moment later by an awful crash in the front hall and a scream for help. Never allow any one to park anything on a stairway. It's the worst sort of housekeeping.

Stairways alone account for nine per cent of all falls. A cluttered stairway like this one reflects on you as a parent as well as a housekeeper. Always see that toy automobiles and the like are put away

Nor is it good housekeeping to have medicine chests so placed that little children can get at them and secure poison tablets which they eat for candy. Yet that very thing happens every year in scores of homes. The medicine cabinet should be far removed from outstretched little hands; it should be locked. And two things more are required—a handy light and an unmistakable means of distinguishing a bottle containing poison. If your medicine cabinet is locked, you *have* to turn on a light to see to unlock it. But no matter how much one warns, there will still be folks foolish enough to select a bottle in the dark and swallow some of the contents—on faith. In the dark, you can't tell a poison label from one indicating spring water. If you will snap several rubber bands around every bottle containing poison, then when

[*Please turn to page 74*]

Every time you stand on a rickety ladder or chair you flirt with injuries, permanent disability, or death. A safe stepladder is standard equipment for safe homes

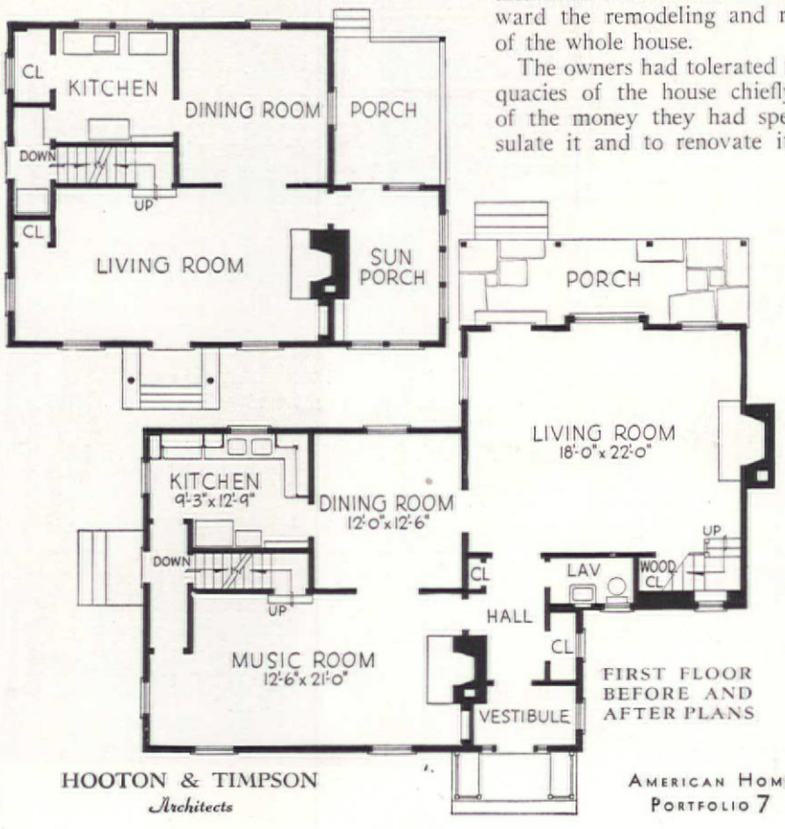
Daniel Reynolds Merrill

Remodeling a Jerry-Built House

CHARLES B. COATES
THERESIA EADES

THE ACQUISITION of a new stove and a long suppressed desire for a piano were the factors which brought about the remodeling of this house. The owners, Mr. and Mrs. Cyrus F. Smythe, had been discontented with the uncomfortable and unattractive qualities of their home for a long time, but it was the exasperating fact that there was no space where they could put a piano, other than the center of the dining room, which caused open rebellion—that is, coupled with the difficulty encountered in installing a new stove. It required the removal of a radiator, and this simple alteration started the ball rolling toward the remodeling and renovation of the whole house.

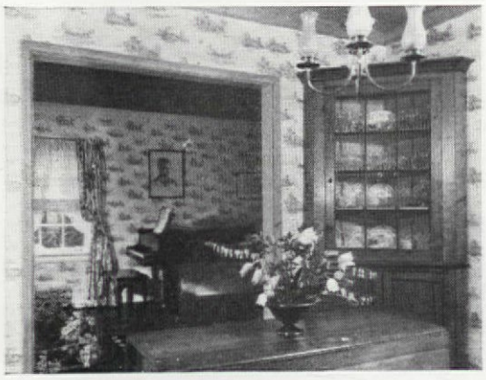
The owners had tolerated the inadequacies of the house chiefly because of the money they had spent to insulate it and to renovate its heating



FIRST FLOOR BEFORE AND AFTER PLANS

HOOTON & TIMPSON
Architects

Right: The single bay window in the new living room looking out upon the garden. Below: The newly decorated dining room



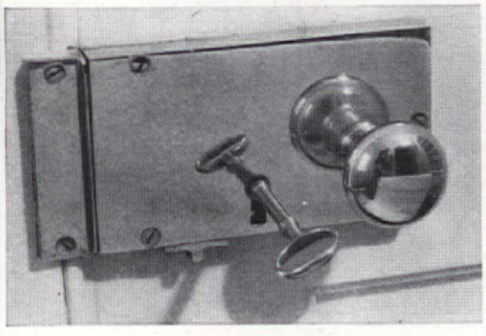
system, and because of the effort and care they had expended in planting and cultivating the garden. It seemed impossible to start afresh in another house even if they could get a fair price for this one—which was doubtful. The house was "jerry built" in a manner typical of much house construction not long ago. It had a thoroughly inconvenient plan: the living room ran across the front of the house and the front door opened into the center of the room. The stairway to the second floor was located

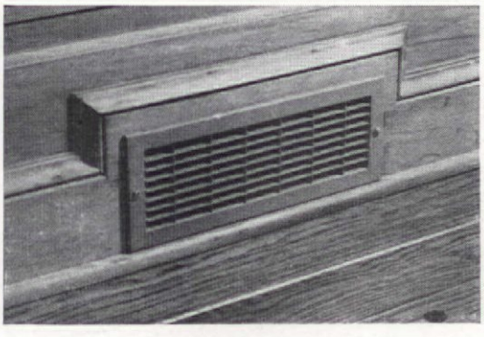
Pine paneling and siding cover the fireplace end of the new living room. Left below: Lock is a copy of one at Mount Vernon. Baseboard includes convector radiators

The siding on the front of the house was replaced with shingles painted white, while new window sash and frames, hung with bottle green shutters, succeeded the old single-light windows. The overhang of the room at the eaves and gables was eliminated and cornices were constructed which serve to hide the rain troughs as well as to form a suitable finish between roof and wall. The vari-colored octagonal shingles on the roof were covered over with others of heavy black asbestos and, at the entrance end of the house, the roof and side wall were extended to the ridge. A complete new wing for the new living room was added at this side and built similarly of white shingled walls and a black shingled roof; it included a pleasant rear porch which surveys the garden and a new chimney and fireplace.

Inside the house the plan and circulation were skillfully improved—and with surprisingly little alteration of the existing construction.

[*Please turn to page 72*]





in this room and entrances to dining room and sun porch broke up other interior walls so that it was more of a hall than a livable room. The north exposures of the sun porch and the upper sleeping porch rendered them almost useless.

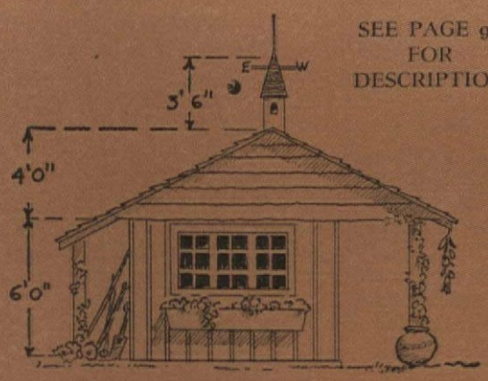
In desperation the owners called a firm of architects and asked for a rearranged kitchen and for a new living room wing. Sketches, plans, and prices were drawn up and discussed and finally a thorough remodeling was decided upon. Then the job got under way. First of all, the entrance porch with its badly proportioned columns and roof disappeared entirely and the front door opening was closed with studding. A new entrance, modeled after examples at Martha's Vineyard, was constructed at one end of the house with side lights and attractive wood trim, and with a wide, brick terrace and stepping stones leading up to it.

The mantel in the living room is of pine and is nearly two hundred years old; its surface is finely carved with circles and medallions in sunburst designs and it is decorated with heavy old pewter candlesticks of excellent design and craftsmanship

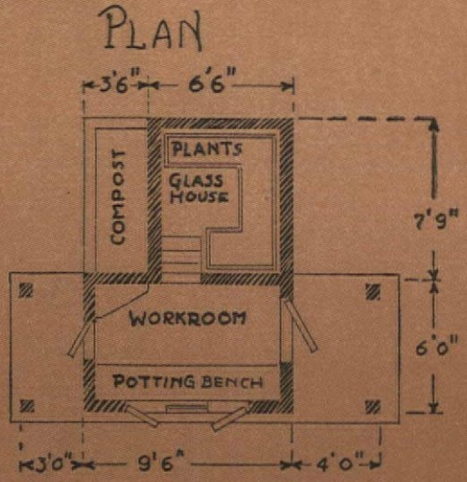
FOR THE SMALL GARDEN

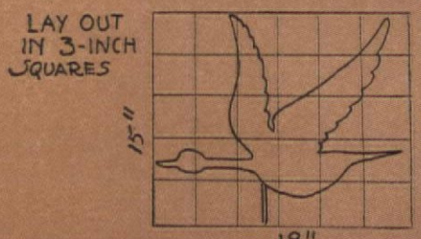
A GREENHOUSE AND TOOL HOUSE COMBINED

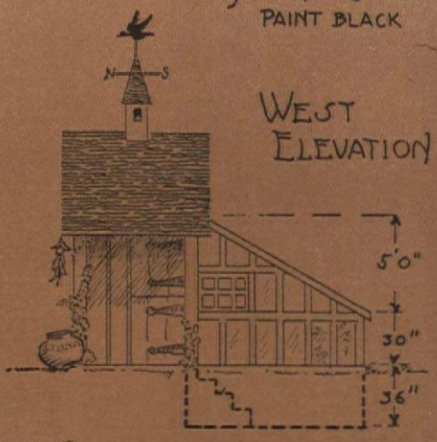
SEE PAGE 92 FOR DESCRIPTION

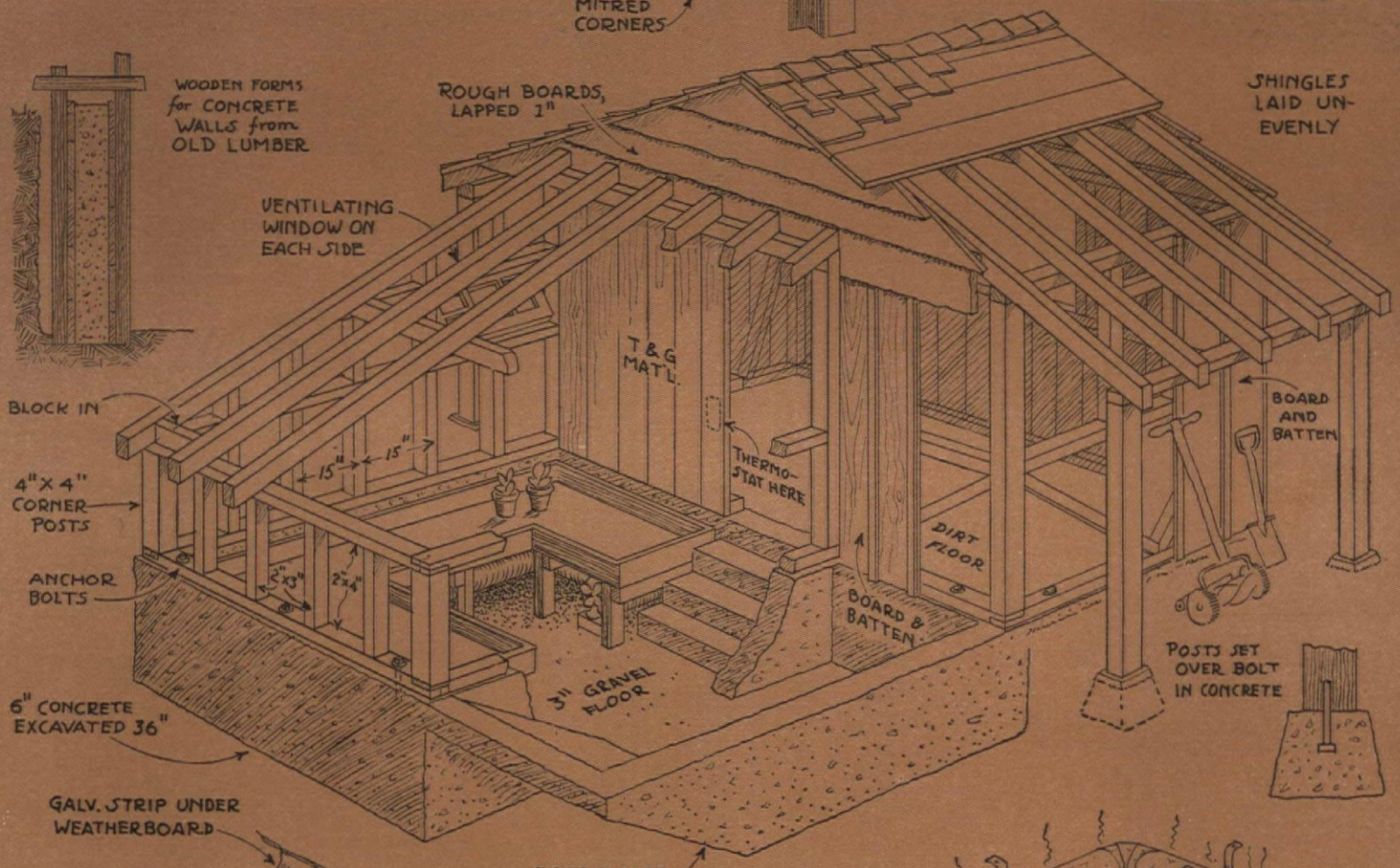


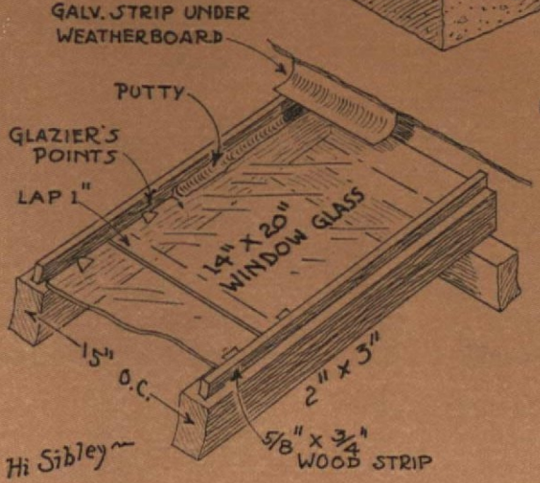
NORTH ELEVATION

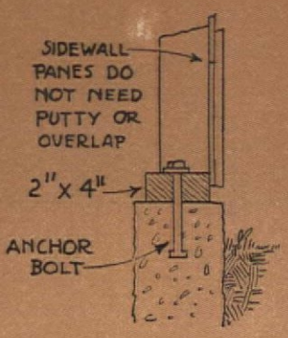


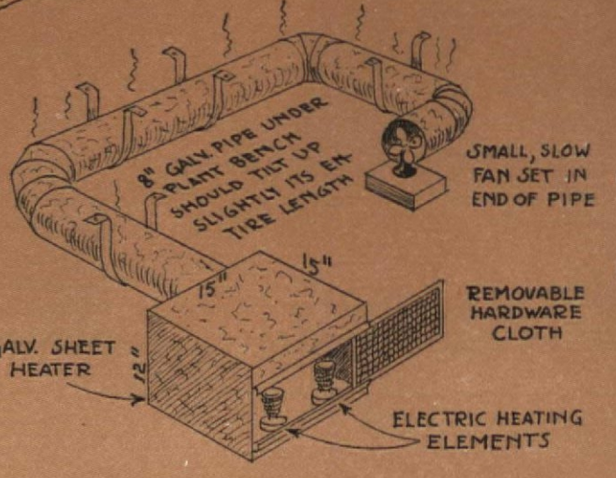




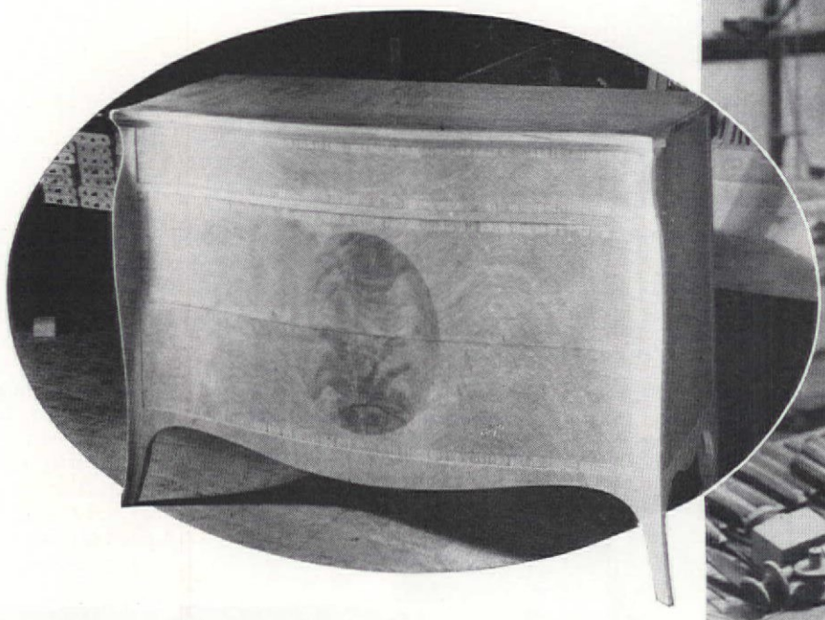








Hi Sibley



EARMARKS of Good Furniture

A. W. FORESTER

WHEN you buy a dress, you know the things to look for. You feel the fabric. You see if the style and the color are becoming. And, even though you've never sewed a stitch in your life, you look to see how well that dress is made.

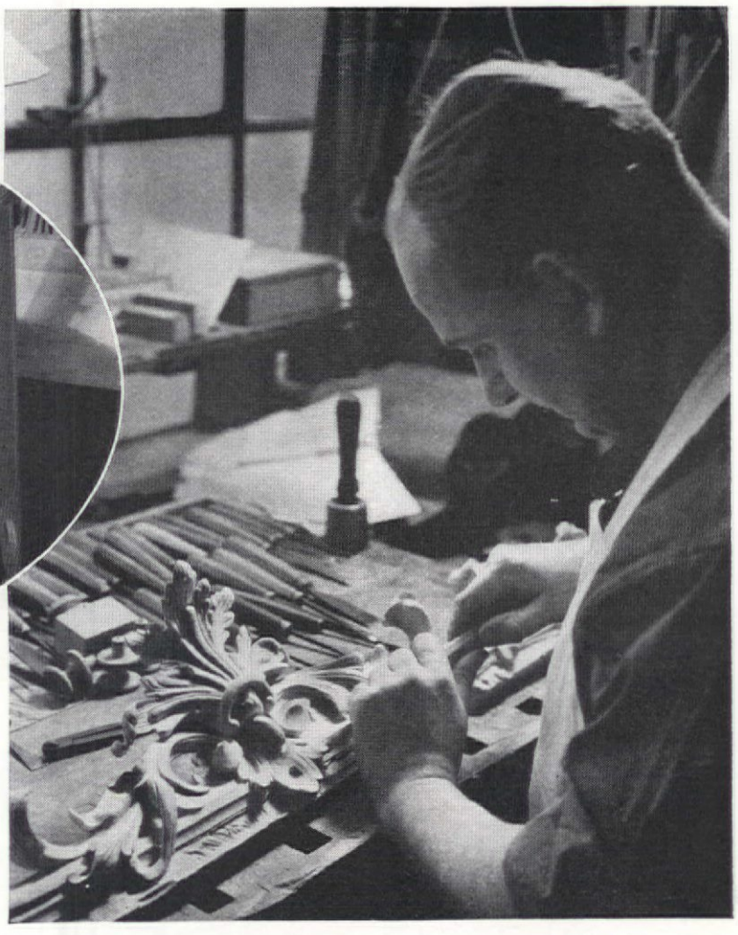
But it is different with furniture. Most people don't know how furniture is made, so they don't know what to look for. Truth is—they are even stumped to think of questions to ask. The salesman, true, will give his sales talk. But too often buying furniture is a matter of "I like it" or "I don't."

Of course, the first thing is the wood itself. The wood should be of the best quality hardwood—whether it's mahogany, walnut, maple, oak, beech, or birch. That wood—every piece of it—should be kiln-dried before it is used. If it isn't, it's very apt to warp and split.

Furniture is made of solid wood, or it is veneered. And here's the first bugaboo, for some people seem to have a vague idea that "veneered" means inferior. There is nothing necessarily inferior about veneers. Inlay veneer was used by the ancient Romans. In England veneering was used in the time of William and Mary in the late seventeenth century. The great designers of the eighteenth century created their finest pieces in this way. But—there are a number of things that are important in the making of quality veneered pieces. The tops, sides, and drawer fronts should be made of five-ply or seven-ply panels (five or seven thicknesses of wood). The cores of the panels should be properly constructed and the veneers laid at right angles to the grain of the core to prevent warping. The veneers should be sliced from the same piece of wood to obtain perfect matching and they should be dried to a low moisture content to prevent splitting. A new process of bonding the veneers to the cores has recently been developed whereby the veneers are actually welded under heat and pressure with a resin glue, and are thus made waterproof, blisterproof, and moldproof. Because these veneered panels are impervious to moisture, checking and cracking are practically eliminated.

Be sure you know what the woods are. "Mahogany veneer and mahogany" is, of course, desirable. "Mahogany veneer and hardwood" is insufficient information and may be undesirable. Beware of the word "finish"; it may mean just imitation of color.

Legs are important. The back legs should be in one piece running from the floor to the top of the back frame (in a chair, for instance). The front legs should be in one piece running from the floor to the top of the seat frame. It is not enough to have them merely doweled to the bottom of the frame.

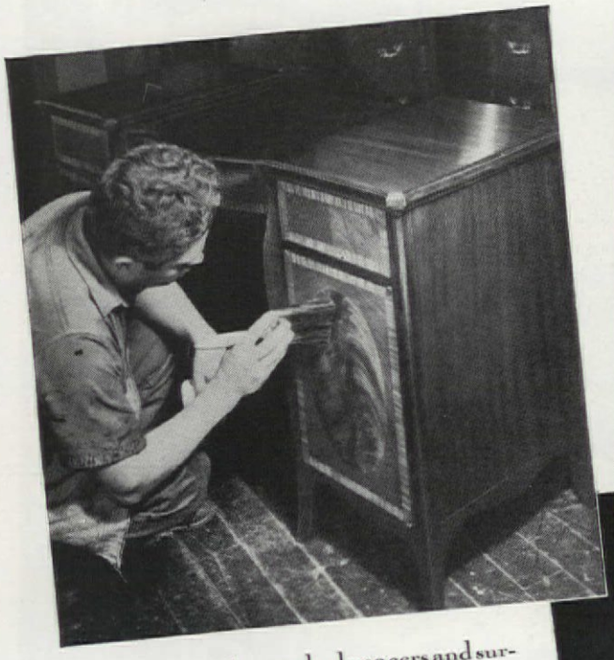


On cheap work carvings are merely wire-brushed, not cut by hand. Quality furniture has carvings first roughed out by machine, then cut and finished by hand. It is here that the touch of the artisan shows up

Beware of the word "finish"; it may mean just imitation of color. Sanding by hand and highlighting to bring out color and grain are important

Drawers fitted perfectly by hand, a center guide to prevent jamming, a dustproof drawer frame—all three are earmarks of fine furniture

Photographs by F. M. Demarest



Look for perfectly matched veneers and surfaces as smooth as satin. The best veneers are waterproof, blisterproof and moldproof

Photographs for this and Mr. Forester's previous article, "You Can't Judge a Couch by Its Cover," were taken especially for THE AMERICAN HOME *in the W. & J. Sloane furniture factories*

If leather is used, ask if it is top-grain steer hide. In making fine furniture, it is carefully applied and expertly hand tooled

Now feel the surface of the wood. It should be as smooth as ivory. And it will be, if care has been taken right down the line. First of all, the piece should be sanded by hand. The veneers and the woods should be glazed by hand to bring out the richness of color and the beauty of the grain. The piece should be hand-rubbed after each operation; then it should be waxed and again polished by hand.

Now run your hand over the edges. They should have a blunt smoothness. Look for the joinings—they should be so skillfully done that they are practically invisible.

If there are drawers, have the salesman pull one of them out for you. If the piece is well constructed, you will notice the drawer frame in the case. This is what makes the drawer dustproof. This frame should be an integral part of the inside construction, grooved and multiple-doweled to the sides of the case. It should not consist of nailed strips of wood—one of the giveaways of cheap furniture. Look too for a strip of wood at the center. This is the center drawer guide which prevents jamming and makes the drawer slip in and out easily.

Try the drawer. If it fits snugly, it undoubtedly has been hand-fitted, for only in this way can the perfect fit be attained. The drawer should also be expertly dovetailed to insure strength in construction.

If there are carvings, see if they are smooth and finished. Today, most carvings are roughed

[*Please turn to page 71*]

Have You an Attractive Nuisance in Your Home?

GEORGE MALCOLM-SMITH

"Public-liability." The ordinary householder, confronted with the term, is mystified and when faced with such cryptic phrases as "the law of negligence" and "the concept of attractive nuisance" he is resentful

NED always went to the Applebys' parties. He was virtually indispensable. There was never a dull moment with Ned among those present. Naturally, when the Applebys bought that charming old place in Connecticut and held their housewarming, Ned was on hand. He was quite in his best form and was telling one of his best stories. Standing before the old fireplace, he was gesticulating with characteristic gusto.

"Well," he was saying, "the Old Major arose in his wrath and started pounding his desk, like this—."

The nearest object for demonstration was the huge marble mantel over the fireplace. Ned pounded it vehemently. There followed a crash, a cloud of plaster dust, and a howl from Ned as the mantel tore loose from the wall and crashed on his toes.

Ned was a good sport about it—at first. When he found, however, that x-rays were necessary, when medical bills began to mount high, and when he had lost a week at the office, a subtle change began working within him. Someone suggested that his host was responsible for the mishap and should pay the bills. Ned loathed the thought of hurting the Applebys, but, after all, they were in a way responsible. So, as tactfully as possible, he conveyed this conviction to them.

Fortunately there is a happy ending to this story, which, in all respects except the names and locale, is true. Many such episodes terminate in broken friendships, bitter animosities, battles in court, and all the expenses of "going to law." In the Applebys' case, there was public-liability insurance to adjust the situation amicably and satisfactorily.

"Public-liability." The ordinary householder, confronted with the term, is mystified, and when he is faced with such cryptic phrases as "the law of negligence" and "the concept of attractive nuisance," he is resentful. Isn't life complicated enough without a lot of legal rigmarole?

Nevertheless, ignorance of the law is no defense whatever, and so here, briefly, is what it's all about:

Public-liability—that is, one's responsibility for injury to others inflicted by or suffered on his property—is not an artifice of modern lawyers. It is simply the old "law of negligence," which one may find plainly stated in the Book of Exodus in the passage wherein Moses, having descended from the mountain, reveals the sacred code. Promulgated nearly 3,500 years ago, this ancient Jewish tenet provided that if a man's livestock injured another man, the owner was liable for damages to the injured person, or, in case of death, to the victim's family. This principle has come down through Roman law and

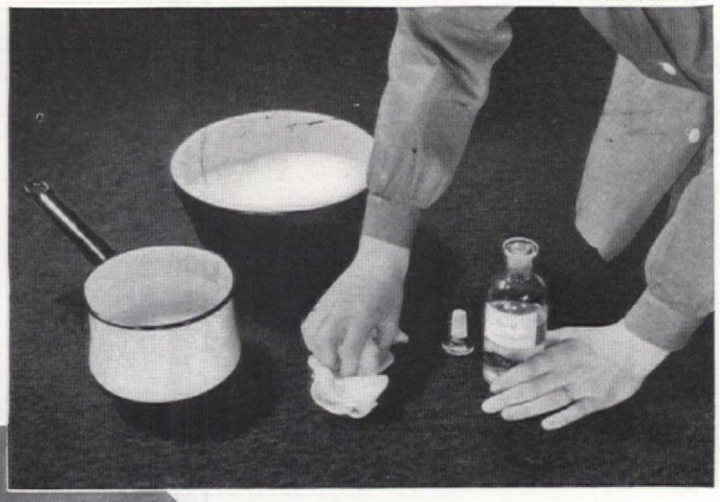
[*Please turn to page 102*]

"Out, damned spot!"

LADY MACBETH

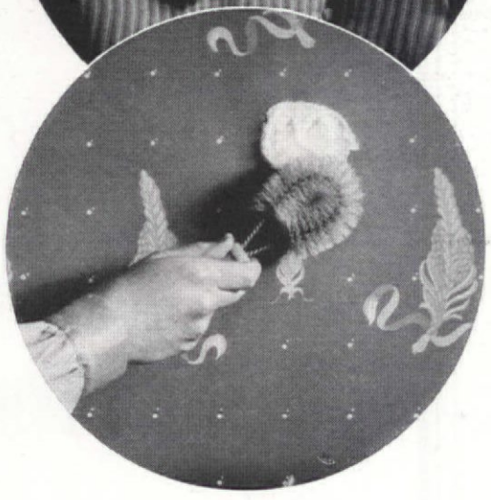
CLIFFORD PARCHER

F. M. Demarest



Steaming hot water plus a chlorine bleach for the dried-on coffee stain. See text

The road tar Father tracked in on the rug will yield to carbon tetrachloride



THE WOMAN of today, faced with the necessity of removing spots, has much less of a problem than did Lady Macbeth. Her endeavors will have better results and will be accompanied by none of the emotional disturbance that beset the ambitious wife of the general, although the spots are more likely to be grease than blood, and their location the expanse of a best tablecloth, the upholstery of a favorite chair, or the middle of a handsome rug, rather than the whiteness of a pair of lovely hands.

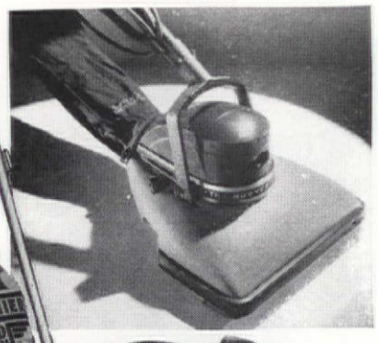
Spots are ugly things and no matter how hard we try to keep up with them, there are times when they get ahead of even the neatest housekeeper. In some cases this is unfortunate because the chances of complete removal lessen as time goes on. In other cases it makes little difference except that there is one more spot added to the collection which probably already needs attention.

In those homes where the custom still prevails of indulging in a good old-fashioned housecleaning, the time of eliminating spots is fore-ordained. But if the cleaning of the house is spread over fifty-two weeks instead of being concentrated in two or three, a specific day could be dedicated to spot removal. Arrangements might even be made to include it in the calendar with such noteworthy events as National Apple Week and Father's Day.

Regardless of the program to be followed, it may be some relief to eliminate the accumulated spots, even mentally. So let's devote the next few minutes or so to making a brief tour of the whole house and finding

[*Please turn to page 54*]

1.



2.

3.

Carbon tetrachloride and blotting paper for lip stick on upholstery; a paste of French chalk and liquid dry cleaner for a grease smudge on wallpaper

1. Small chance for dust and dirt to gather if you have a new Hoover cleaner. $65

2. You can adjust the brush on this new Premium cleaner for rugs or linoleum. $69.50

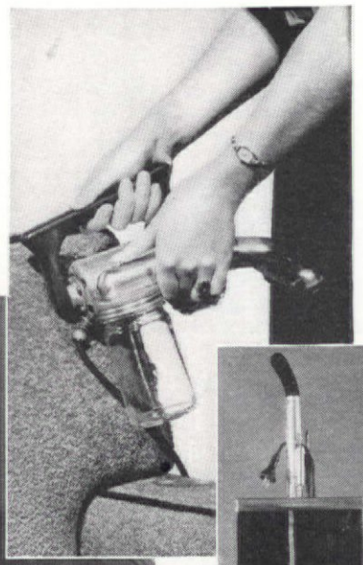
3. This handy, small-size Royal cleaner will dust clothes, lamp shades, upholstery. $14.50

4. Moths, beware! The General Electric Company has a new mothproofing applicator to be used in conjunction with the G. E. floor cleaner

5. Slide the handle on the Shake-Away mop and the dust will vanish without flying about. $2.25

6. A new Westinghouse electric cleaner features an indicator that warns you when to clean the bag or adjust the nozzle. It costs $59.95

4.



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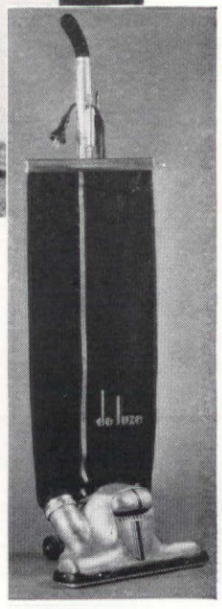
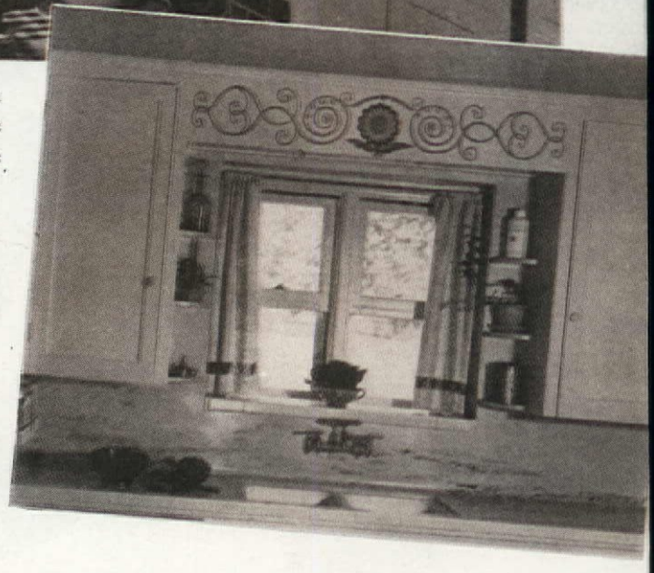


Smorgasbord alone tempts most people, but when it is served in a bright Swedish kitchen like this one it becomes a party event of importance



SUNDAY NIGHT KITCHEN PARTIES

ELLEN SHERIDAN

To receive an invitation to one of Mrs. Frank Orr's kitchen parties is a privilege and an event. One looks forward to it for days and, when the evening does come and go, it is a party to remember a long time afterwards.

When the Orrs built their modest California house about a year ago one thing was certain: No matter what the rest of the house might have to forego, they would have a kitchen as closely resembling a Swedish one as possible. For Mrs. Orr had been captivated by those she had seen when she made her short visit to Sweden the previous year.

For weeks they drew plans, discarded them and drew others. With the work finished, it was apparent that the kitchen, looking out upon the front garden, was the most inviting room in the entire house. Not only was it sunny, friendly, charming, and practical, but entirely different from the average kitchen. Friends dropping in to see the new home always wound up in the kitchen for their visit. This gave Mrs. Orr inspiration for the delightful Sunday night Swedish kitchen suppers she has inaugurated.

This hostess is fortunate in being an artist with foods. She has the great good fortune of being able to taste a dish and no matter what the origin, analyze its contents, then turn about and make it. She had taken considerable notice of Swedish food while in that interesting

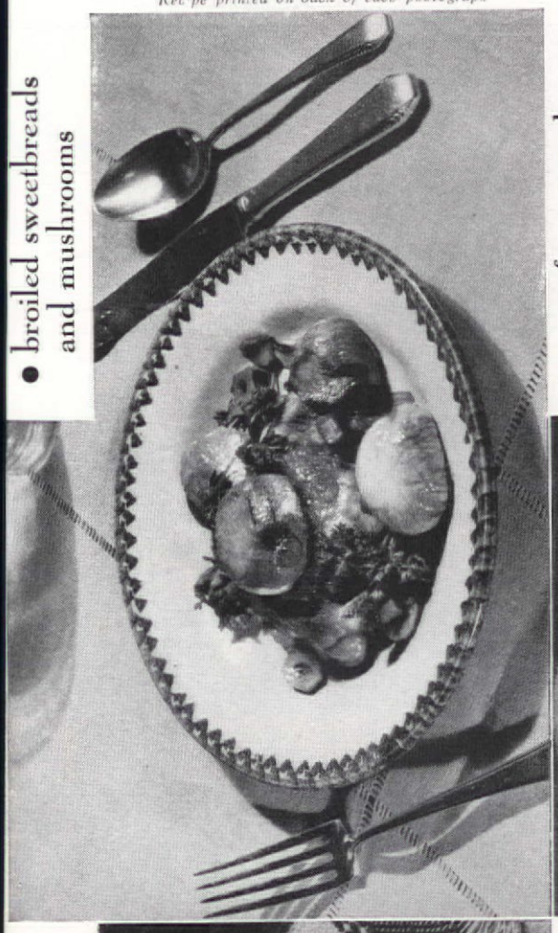
[*Please turn to page 86*]

Robert Humphreys

Good tidings for the Easter breakfast

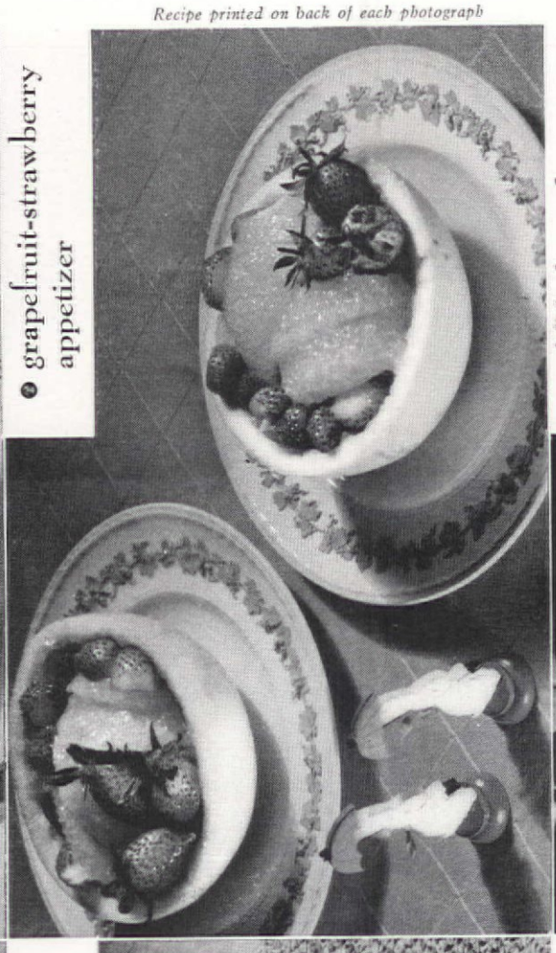
With the passing of winter and the arrival of spring comes the joyful Easter season. New life, new hope, let's express these good tidings in the traditional Easter Sunday breakfast

Recipe printed on back of each photograph



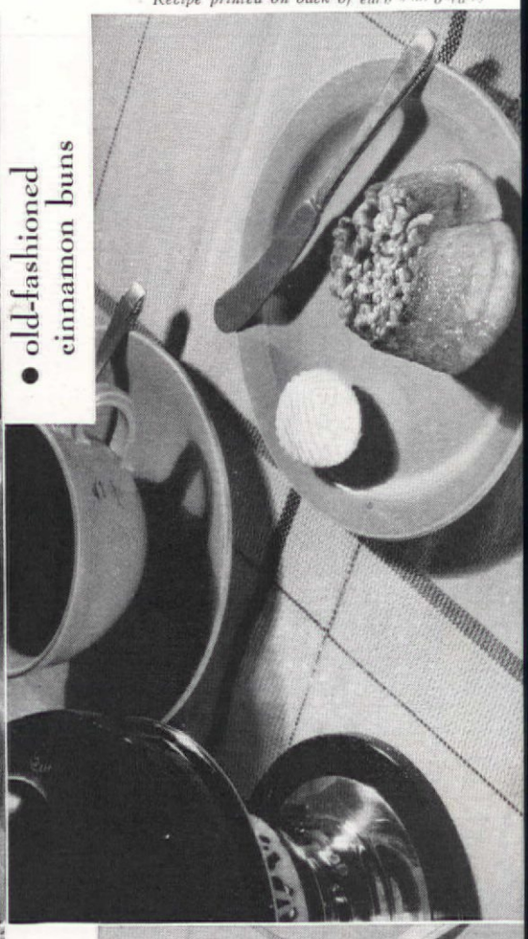
• broiled sweetbreads and mushrooms

Recipe printed on back of each photograph

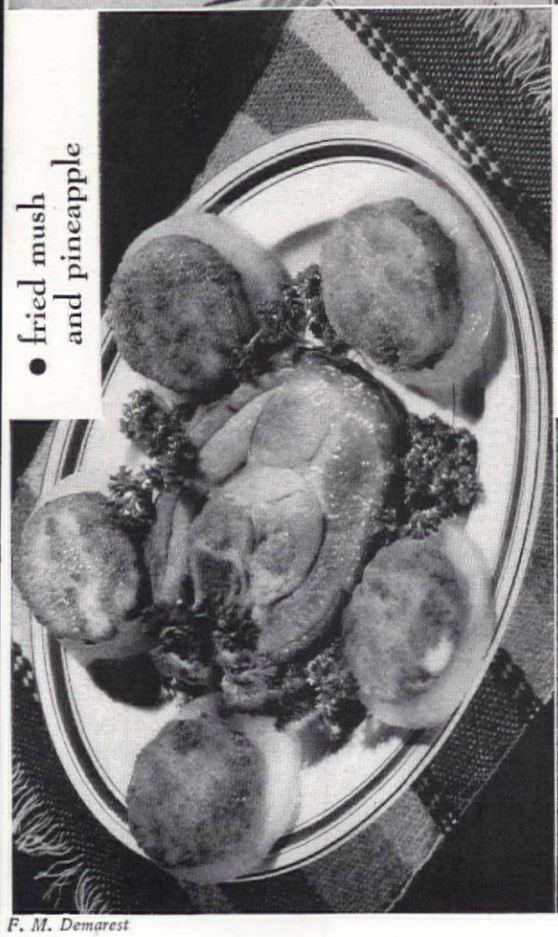


• grapefruit-strawberry appetizer

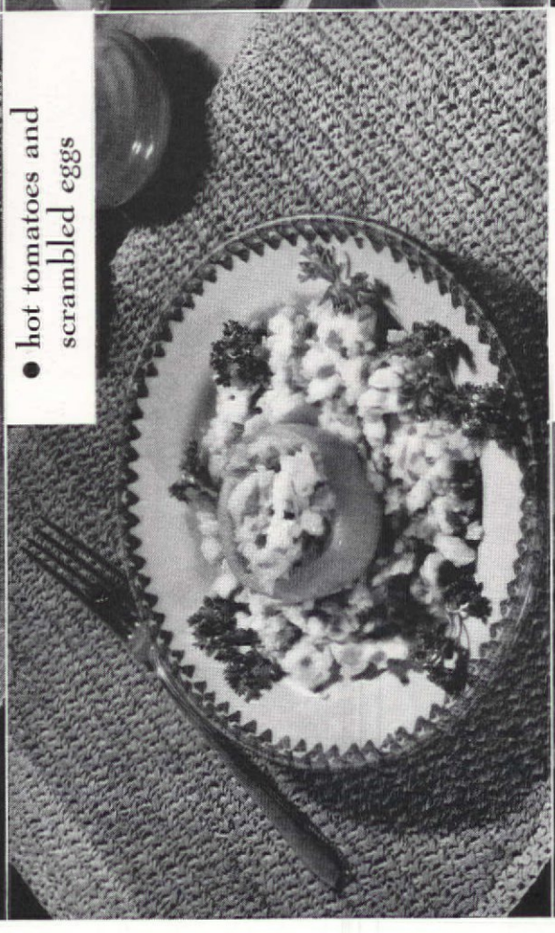
Recipe printed on back of each photograph



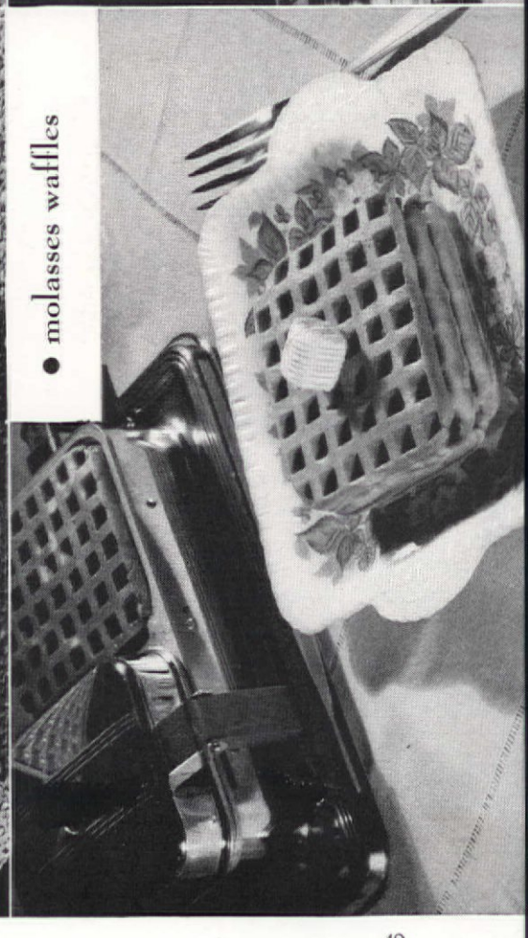
• old-fashioned cinnamon buns



• fried mush and pineapple



• hot tomatoes and scrambled eggs



• molasses waffles

F. M. Demarest

Good tidings for the Easter breakfast

Easter breakfast often presents difficulties because there is so little time in the morning to prepare it. The recipes given below have Mother well in mind, for they are either prepared the day before or take only a short time before breakfast

Photographs printed on reverse side

Photographs printed on reverse side

Photographs printed on reverse side

• molasses waffles

1 cup white flour
1 cup buckwheat flour
1 teaspoon baking powder
¾ teaspoon salt
2 eggs
1 cup sour milk
½ teaspoon baking soda
6 tablespoons fat, melted
3 tablespoons molasses
¼ cup sweet milk

Sift together flours, salt, and baking powder. Add sour milk, to which soda has been added, and beaten egg yolks. Stir in melted fat and molasses. Fold in beaten egg whites. Add sweet milk if the batter seems a bit too thick. The waffle batter may be made up and kept in the refrigerator until needed. Makes eight medium-size waffles.

Submitted by Dorothy Pritchard
Tested by The American Home

• old-fashioned cinnamon buns

½ cup fat
½ cup sugar
½ teaspoon salt
3 eggs, well beaten
1 cup milk, scalded
1 cake compressed yeast
3½ cups flour
Melted butter
Jelly
Cinnamon; Raisins
Dark brown sugar

Dissolve fat, sugar, and salt in scalded milk. When lukewarm, add crumbled yeast. Stir in beaten eggs. Add flour (about 3½ cups) to make a batter too stiff to cling to bowl but not stiff enough to knead. Cover tightly and let rise in a warm room until doubled in bulk, or about six hours. Cover bottom of muffin tins with brown sugar, melted butter, and chopped nuts, if desired. Pat a heaping tablespoon of dough on a floured board and spread with melted butter and jelly. Sprinkle with cinnamon and dot with raisins. Roll up and stand in muffin tins. Let rise in warm room until double in size; bake in hot oven (400° F.) about 20 minutes. Makes 24 large buns.

Submitted by Emilie Roberts
Tested by The American Home

• hot tomatoes and scrambled eggs

6 tomatoes, uniform size
6 eggs
6 tablespoons cream or milk
1½ teaspoons salt
⅛ teaspoon pepper
Paprika

Scoop out the insides of the tomatoes. Set in a pan, in which there is about ¼ cup water, and bake in a slow oven (300° F.) for about 15 minutes, or until tomatoes have heated through. In the meantime scramble the eggs as follows: beat eggs and add cream, salt, and pepper. Fill and surround the hot tomatoes with the scrambled eggs. Sprinkle with paprika. Serves six.

Tested by The American Home

• grapefruit-strawberry appetizer

3 grapefruit
1 box fresh strawberries
Confectioners' sugar

Cut grapefruit in halves. With a sharp knife remove membrane and grapefruit sections. Now refill the grapefruit shells with a combination of grapefruit sections and fresh strawberries. Chill in refrigerator. Sprinkle generously with confectioners' sugar just before serving. This may not be necessary if the grapefruit and strawberries are rather sweet naturally. Serves six.

Tested by The American Home

• fried mush and pineapple

2½ cups water
1 cup cornmeal, yellow or white
½ teaspoon salt
5 slices canned pineapple

Bring water to boiling point and pour into top of a double boiler. Add salt. Then add cornmeal slowly, stirring constantly. Cook for about an hour. Pour into a cylindrical mold (baking powder cans do very nicely) and let stiffen over night. Remove from mold. Cut in slices about ½ inch thick and fry in hot fat until brown. If desired, dip in beaten egg before frying. Serve on hot pineapple slices (heated in their own liquor) surrounding a thick piece of broiled ham. Serves five.

Submitted by Emilie Roberts
Tested by The American Home

• broiled sweetbreads and mushrooms

2 pounds sweetbreads
4 tablespoons chili sauce
12 large mushrooms
Butter
Salt and pepper

Clean sweetbreads without breaking and parboil for about 5 minutes in salted water. Remove membranes and cut into large pieces, allowing two to a serving. Place in oven broiler pan, cover each piece with about a teaspoon of chili sauce, dot with butter, and broil. Do not turn. Top with broiled mushrooms (2 per serving) and garnish with parsley or watercress. To prepare the mushrooms, clean, and if necessary, peel. Dot with butter and broil on both sides along with the sweetbreads. Season with salt and pepper. Serves six.

Submitted by Emilie Roberts
Tested by The American Home

A cooked vegetable every day

It is not only the doctors and dietitians who plead with us these days to eat our vegetables, but the beauty experts as well. "If you want to keep young and beautiful, you'd better mind your vegetables," they bribe us. *Please turn to next page*

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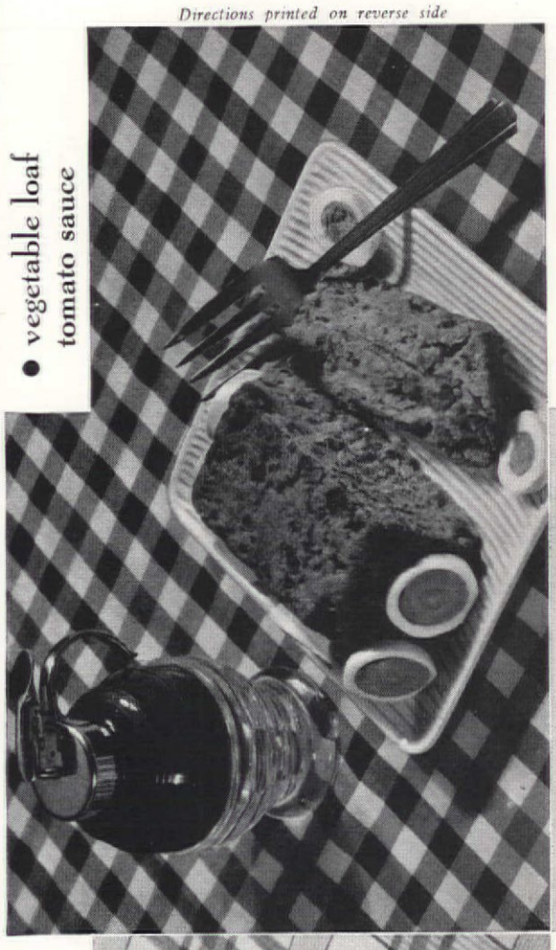
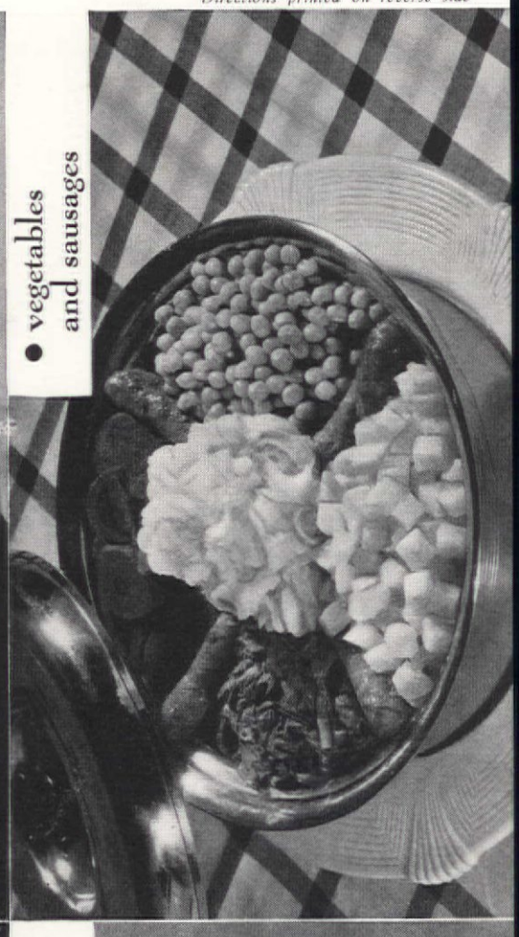


● vegetable loaf
tomato sauce

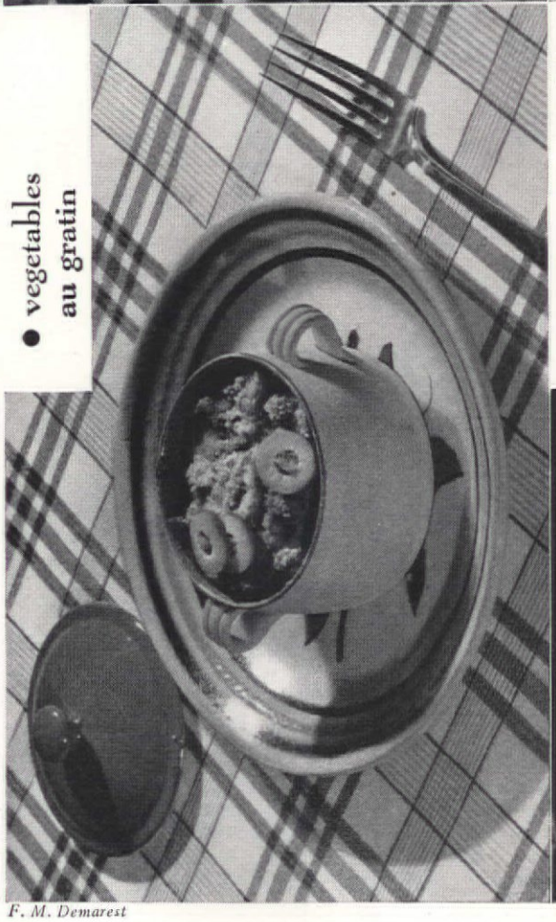
Directions printed on reverse side

● green pea
oyster soufflé

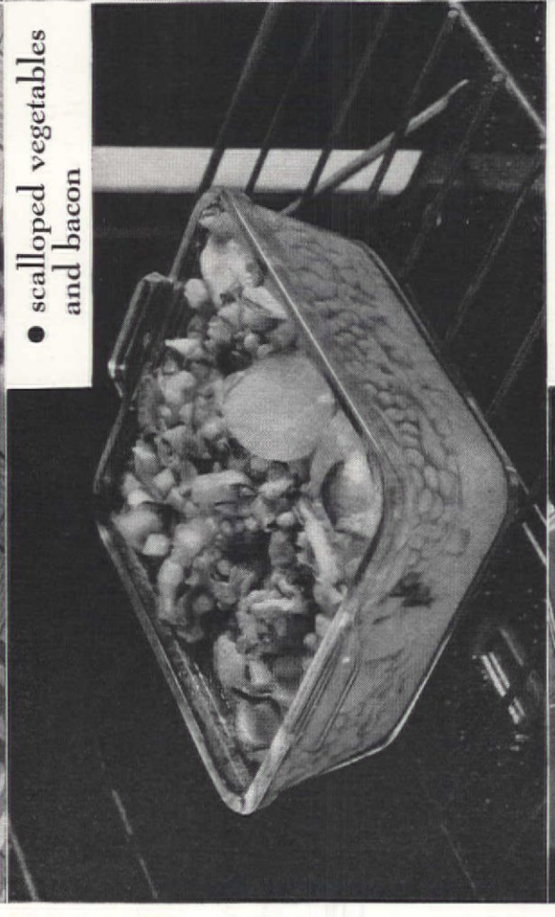
Directions printed on reverse side



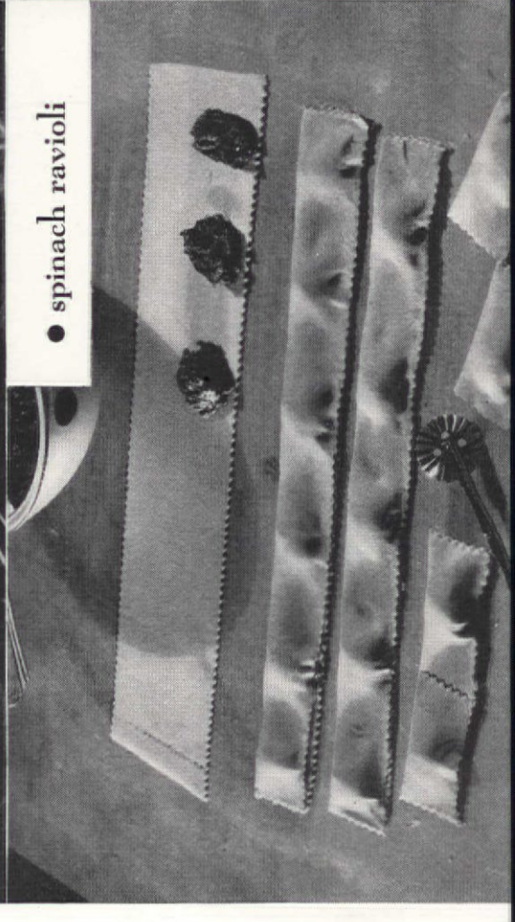
● vegetables
and sausages



● vegetables
au gratin



● scalloped vegetables
and bacon



● spinach ravioli

F. M. Demarest

A cooked vegetable every day

The delicious recipes below will not only give you vitamins and minerals, but will utilize those left-over carrots or peas, or other cooked vegetables, in your refrigerator. A good chance, too, to work in the canned vegetables on your cupboard shelves

Photograph printed on back of each recipe

• spinach ravioli

½ cup chopped, cooked spinach
1½ eggs
¼ cup cracker crumbs
1 can consommé
Salt and pepper
1½ cups flour
Warm water
Parmesan cheese, grated
1 to 2 cups tomato sauce

MIX spinach, 1 egg, beaten, and cracker crumbs; moisten with consommé and season with salt and pepper. Sift flour onto board, make a depression in the center, and put in ½ egg, unbeaten. Moisten with warm water to make a stiff dough, knead until smooth, cover, and let stand 10 minutes. Roll paper-thin with rolling pin. Cut into strips 2½ inches wide with pastry jagger. Put teaspoonfuls of spinach mixture on lower half. Press along edges and between mixture with tips of fingers, then cut apart with pastry jagger. Cook 10 minutes in boiling consommé (or chicken stock), take up with skimmer and place in hot serving dish. Sprinkle with grated Parmesan cheese and cover with hot tomato sauce. Serve at once. Serves five.

Submitted by ANN HOKE
Tested by THE AMERICAN HOME

• vegetables and sausages

12 pork sausages
½ cup cooked peas
(or string beans or lima beans)
½ cup cooked beets
½ cup cooked carrots
½ cup cooked spinach
(or broccoli)
1 cup mashed potatoes

BROWN sausages in a frying pan. Put mashed potatoes in the center of a buttered baking dish or casserole. Place sausages, as in the photograph, so they are held in place by potatoes. Arrange cooked vegetables in the spaces between. Alternate the green vegetables with other colored vegetables. Place in a moderate oven (350° F.) for about 10 minutes, or until vegetables are reheated. Serves six.

Submitted by ANN HOKE
Tested by THE AMERICAN HOME

Photograph printed on back of each recipe

• scalloped vegetables and bacon

6 uncooked potatoes, thinly sliced
4 cups cooked vegetables
½ onion, grated
Salt, pepper, and allspice to taste
6 strips fried diced bacon
2 cups beef bouillon
½ cup bread crumbs

PUT ALL ingredients, except the bouillon, into a buttered casserole in alternate layers. Add bouillon and bake in a moderate oven (350° F.) for 1¼ hours, or until potatoes are soft. Serves six to eight.

Submitted by ANN HOKE
Tested by THE AMERICAN HOME

• green pea oyster soufflé

2 tablespoons butter
½ cup flour
½ cup milk
18 fresh oysters (about 1 pint)
chopped
2 cups cooked green peas
4 eggs
1 teaspoon salt
½ teaspoon Worcestershire sauce
Pepper

MELT butter, stir in flour, and when well blended, add milk and half well-drained chopped oysters. Stir over low heat until boiling point is reached. Remove from range. Stir in the egg yolks, one at a time, beating well after each addition. Add remaining oysters and seasonings and fold in beaten egg whites. Pour into a greased baking dish into which has been put a layer of cooked green peas, drained well. Bake in a moderate oven (350° F.) for 30 to 35 minutes. Serves six.

Tested by THE AMERICAN HOME

Photograph printed on back of each recipe

• vegetables au gratin

2 cups cooked vegetables
2 cups cream sauce
12 stuffed olives, sliced
¼ cup buttered bread crumbs
¼ cup grated American cheese
2 tablespoons minced parsley

TO MAKE cream sauce melt 4 tablespoons butter and blend in 4 tablespoons flour and ½ teaspoon salt. Add 2 cups milk and cook until thickened. Stir in cheese and parsley. Arrange cooked vegetables and sliced olives in layers, alternately with the sauce, in individual buttered casseroles. Sprinkle with buttered bread crumbs. Bake in a hot oven (400° F.) from 10 to 20 minutes, or until crumbs are brown. If you wish, garnish with a few sliced olives on top. Serves six.

Tested by THE AMERICAN HOME

• vegetable loaf tomato sauce

2 cups rich thin cream sauce
2 egg yolks, well beaten
2 cups cooked mixed vegetables
1 cup fresh bread crumbs
2 teaspoons minced onion
4 teaspoons chopped parsley
½ teaspoon salt
Dash pepper
Tomato sauce
2 cans condensed tomato soup
4 tablespoons butter

PREPARE a rich thin cream sauce and add well-beaten egg yolks. Add cooked vegetables, bread crumbs, minced onion, finely chopped parsley, salt, and pepper and mix well. Pour into buttered baking dish and bake in a moderate oven (350° F.) for 15 minutes. Serve with a tomato sauce made by simply adding butter to the heated tomato soup. If this needs thinning, add a little stock or boiling water. Garnish with hard cooked egg slices. Serves four to five.

Submitted by ANN HOKE
Tested by THE AMERICAN HOME

Photograph printed on back of each recipe

Broiling's as Easy as ABC

. . . WHEN THIS NEW MAGIC CHEF BRINGS HIGH-SPEED COOKING INTO YOUR KITCHEN

● Luscious lamb chop and savory garnish, grilled to perfection by Magic Chef magic.

Tomorrow it may be golden-browned mackerel or sizzling steak, broiled with mushrooms, vegetables, or fruits! Even the lowly hamburger and Frankfurter find new flavor when toasted the Magic Chef way.

Secret of this magic is the revolutionary new Swing-Out Broiler. Comfortably high in its own well-insulated compartment, this remarkable feature banishes tiresome stooping and watching. Gone, too, are all the discomforts of smoky, spattering fats and sickening heat when you broil.

You simply place the food on the preheated grid-pan and close the door. Clean blue flame from a powerful gas burner provides instantly that searing heat which seals in all the juicy savoriness of meat, fish, or fowl. To turn or remove the food, you open the door, and with it, broiler pan and contents swing right out, shielded from the flame, so you work in comfort with food in full view.

This exclusive, fast-acting broiler is only one of the outstanding features of the 1938 Magic Chef. Designed for today's high-speed living, Magic Chef gas range is truly your quick, clean, economical kitchen servant.

If your present cooking stove dates back only three years, you have a thrilling surprise in store when your gas company or dealer demonstrates how Magic Chef has modernized the gas range, has made home cooking a genuine pleasure once more with its faster, cleaner, more efficient and more economical methods.

And even if you live beyond the gas mains, you can enjoy the advantages of Magic Chef through "Pyrofax" tank gas service, available east of the Rockies.

So stop in at your local gas company or dealer's showroom when you're shopping this week. You owe it to yourself to see what modern gas cookery really means. Or write us and we'll mail you a booklet that tells the whole story.

American Stove Company

Dept. K, 244 Chouteau Avenue, St. Louis, Mo.

SEE THE STARS ON PARADE AT YOUR DEALER'S

Shown here in action is the Swing-Out Broiler on the new Series 4000 Magic Chef. Also note convenient Divided Cooking Top with Covers, and center space which serves as work top. This modern streamlined range has the famous Red Wheel-controlled High-Speed Oven and a new Super-Duty Top Burner which gives you extra cooking speed when you need it.

6 Points to Check WHEN YOU LOOK AT RANGES

1. DOES IT HAVE A SWING-OUT BROILER? Only Magic Chef gives you this great convenience which makes broiling a pleasure.

2. HAS IT A HIGH-SPEED OVEN? Magic Chef's High-Speed Oven preheats to the baking point (350°) in less than 5 minutes, or maintains slow even heat as low as 225°. Temperature control by the famous Red Wheel.

3. HOW DOES IT TOP-COOK? Magic Chef has the original automatically lighting, round, "3-in-1" top burners, which give instantly a simmer flame or a fast extra-hot fire, with a thousand even heats in between.

4. IS IT DESIGNED FOR EASY CLEANING? Magic Chef has porcelain finish outside and inside. Smooth linings, removable grid-pan and oven bottom wipe jiffy-clean. Top burner heads are non-clog and non-corrosive. Sanitary burner tray catches spill-overs, lifts out for cleaning.

5. IS ITS CONSTRUCTION THE BEST? Magic Chef is "skyscraper" built. Steel interior structure absorbs strains. All parts precision-fitting.

6. HOW DEPENDABLE IS ITS MAKER? Magic Chef is made by a leader. Every feature is developed in its Research Laboratory and tested in the Research Kitchen.

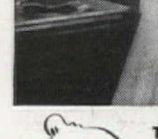
Magic Chef

THE GAS RANGE WITH THE FAMOUS RED WHEEL

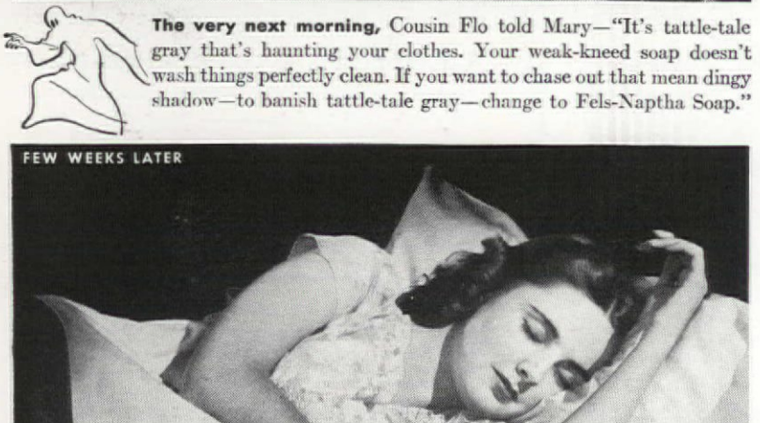
GAS IS YOUR QUICK, CLEAN, ECONOMICAL SERVANT

SHE SAW A GHOST IN THE BED...

It rattled no chains and shook no bones—but there was an unwelcome ghost in Mary's guest room! It hid in the sheets, the curtains, the linens. Guests saw it with horror but didn't dare mention it—until Cousin Flo saw the ghost in the bed.



The very next morning, Cousin Flo told Mary—"It's tattle-tale gray that's haunting your clothes. Your weak-kneed soap doesn't wash things perfectly clean. If you want to chase out that mean dingy shadow—to banish tattle-tale gray—change to Fels-Naptha Soap."



And that was the end of the ghost in the guest room. Thanks to Fels-Naptha's richer *golden* soap and *lots of gentle naptha*, Mary now gets *all* the dirt out of clothes. The sheets shine so white—and everything smells so fresh and sweet—friends say it's a thrill to sleep at her house!... Why don't *you* play safe, too? See how easy it is to...

Banish "Tattle-Tale Gray" with Fels-Naptha Soap!

NEW! Try Fels-Naptha Soap Chips, too!

COPR. 1938, FELS & CO.

"Out, damned spot!"

[*Continued from page 47*]

out just how it *can* be done.

We'll start in the living room, and because we are particularly conscious of one very ugly grease spot on Father's easy chair, we'll first concentrate on upholstery. Any one of several grease solvents would do the trick (there are several good ones on the market) but we are using carbon tetrachloride because it is non-inflammable and easy to obtain from your local druggist. We have had the idea of experimenting on an inconspicuous spot so drilled into us that we almost unconsciously turn the cushion and apply the solvent by means of a very clean cloth to the turned-under fabric around the edge. Assured by this that nothing surprising will happen, we go to work on the grease spot, starting well outside and rubbing toward the center with a circular motion in order to lessen the chances of being left with grease rings. The spot has been there so long that extra work is required to eliminate it, but success eventually rewards our efforts, although we have used three cloths in order to be working with clean materials at all times.

We hadn't realized it, but there were two other spots on this same chair. Johnny was responsible for one when he sat there and ate a tangerine while opening his Christmas stocking. The other one looks suspiciously like Barbara's lipstick. The fruit stain disappears under our eyes as we rub the spot vigorously with a cloth wet with very hot water. For the lipstick we go back to the carbon tetrachloride but this time our procedure is different. We apply the solvent by means of a saturated cloth and then blot with a piece of clean blotting paper. Repeating the action several times does the trick.

There are no spots on the other easy chair, we feel sure, but we'll take a look while we're at it. Good heavens, we told Johnny to be careful with that chocolate bar yesterday! Well, a little rubbing with a cloth wet with lukewarm water credits us with one more spot removed. If it hadn't given up the ghost promptly, our old friend, carbon tetrachloride, would have come to the rescue.

Looking over the velour davenport, we find a water spot on the end section. This time we soak a clean cloth with water, wring it out and put it over the whole section. Then a warm iron is passed lightly over the cloth until it is dry. We have been very careful not to press down the nap of the velour, and with the cloth removed, we brush up the nap with a fine wire brush.

Just as we realize with a fe ing of accomplishment that t upholstery is harboring no mo spots, our eye lights on a smud on the wallpaper. A square of a gum eliminates this although v are thankful that the dirt hadn been there any longer as we mig have had to clean the entire su face. Then a grease spot on a other wall demands our attentio This time we cover the spot wi a paste made from liquid d cleaner and French chalk. As soo as the paste has dried we brush off, and lo, the spot has vanishe

The spot on the white woo work turns out to be a series fingerprints that remind us in mediately of Johnny. Warm wat and mild soap are all that w need but the improvement of th door frame is so marked that w decide to schedule a "woodwo washing day" as soon as possibl

Only the rug remains before th room is completed. There is spot where Daddy tracked in son road tar and a small stain cause by some spilled iodine. The ta succumbs to a sponging with carbon - tetrachloride - moistene cloth. The glaring stain of th iodine is removed by applyin pure alcohol, then lukewarm soap suds made with a mild soap, an finally rinsing with clean wate The living room is spotless!

Shifting the scene of operation to the dining room is undertake rather reluctantly. We have re membered several spots on th tablecloth and napkins that we ready for the wash last nigh after dinner, and the cup of blac coffee that Daddy spilled on th clean cloth this morning at breal fast. The dining room stains ar not all confined to the linen either, but that will be a goo beginning.

First that big coffee spot. W place the soiled part of the line over the top of an empty kettl and hold it in place with a larg rubber band. Then we take a tea kettle of boiling water and pou it slowly upon the stain from height of about two feet. Prais be, the spot has disappeared! An other method that could hav been followed would be to im merse the stained portion in pan of boiling water and leave i until the water cooled. If, on th other hand, the spots had set be fore we had time to attend t them, we could have used hydro gen peroxide or a chlorine bleach

Let's take just a minute to re view the procedure to be used i we had been careless enough t let that coffee spot go. We ar still considering a white cloth, s fasten the stained part over th pan or kettle as before. This time however, have the kettle half-fille with very hot water. Then appl a chlorine bleach (procurable a your grocery store under variou trade names) in the proportion shown in the directions. The hea

THE CASE OF THE BAD-TEMPERED BRIDE

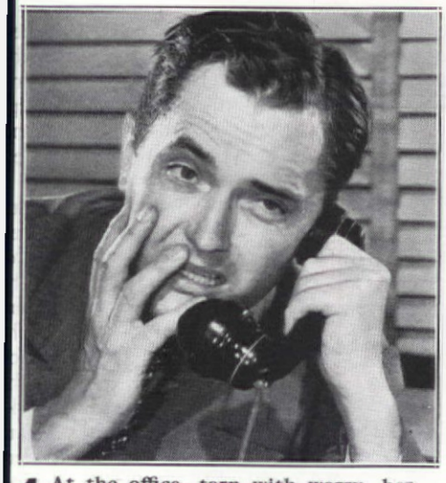
Why didn't Sergeant McGaffney feel more alarmed for Lois's safety?

A DETECTIVE STORY BY SIMMONS

1 Four months ago Lois Fuller had made a lovely bride. There was apparently no question about its being a love match. She had seemed completely happy.

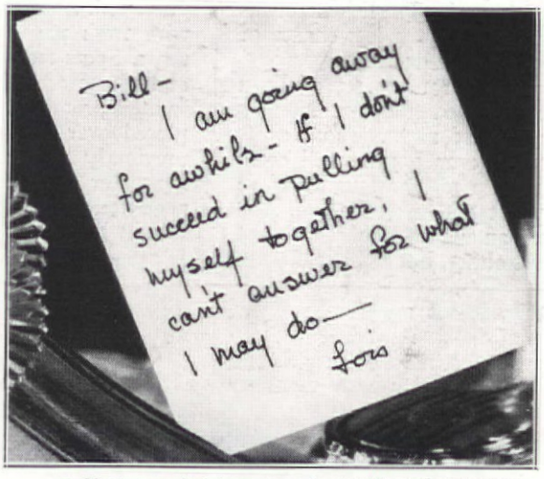
2 But some shadow had fallen on Lois's life. On the testimony of Norah, the cook, "Mrs. Fuller was always either brooding or flying off the handle." As proof of which, that very day, she said, her mistress had thrown the morning paper in her husband's face.

3 On the noon of that same day, her husband, at lunch with a business friend in a well-known restaurant, was astonished to see his young wife at another table with a strange man. Lois had not told him of her luncheon engagement.



4 At the office, torn with worry, her husband tried all afternoon, without success, to get in touch with Lois. With an increasing premonition of trouble, he left for home early.

5 Arriving home, he met the cook, Norah, leaving the house with her bag. She told him, tearfully, that she had been fired. She had no idea what for, but was not the kind to stay where she wasn't wanted.



6 Not stopping to argue, but telling her to wait, he rushed immediately to his wife's room—only to find it in mad confusion and his wife missing. A letter lying on the dressing table confirmed his worst fears.

7 In great alarm for his wife's safety, he rushed to Sergeant McGaffney at the nearest precinct. What had happened to his pretty young wife? All clues needed for the solution are in the pictures above.

SOLUTION: After a few questions about Lois's bedroom and her apparent state of mind, Sergeant McGaffney felt it was hardly necessary to send anyone to look over the premises. He recommended a Beautyrest Mattress and suggested that Lois might be found at her mother's. She was.

A mattress that won't let you sleep deeply upsets your nerves, can make you irritable and unhappy

MANY people like Lois Fuller behave very strangely and foolishly simply because their nervous systems are upset by loss of sleep.

Don't let it happen in your house—insist on a Simmons Beautyrest. Simmons Beautyrest is scientifically constructed to *let you sleep*. Its 837 separate coils instantly adjust themselves to your body. See how it feels to sleep deeply, calmly, and wake up with nerves and muscles fully rested. Let Beautyrest do this for you. The cost is only 2¼¢ a day!

Any leading store will show you the Beautyrest at $39.50; Beautyrest Box Spring to match, $39.50; Beautyrest Hair Mattress, $59.50; Ace Coil Spring, only $19.75. Simmons Company, Merchandise Mart, Chicago, Ill.

SIMMONS *Beautyrest*

World's Largest Makers of Beds • Springs Mattresses • Studio Couches • Metal Furniture

and steam from the hot water under the stain facilitate the action of the bleach. Or perhaps you are using hydrogen peroxide as the stain remover. In that case a few drops of ammonia added to the hot water have a helpful effect.

Just to be sure that our coffee spot is well provided for we'll imagine that the accident happened on a colored linen. In this case we must treat the whole cloth or whole set so that any slight change in color will not be noticeable later. Use an enamel pan and make up enough moderately heavy suds to cover the linens. Bring to a boil and add two or three tablespoons of hydrogen peroxide per gallon of water. Immerse the linen and let it soak for fifteen minutes. Probably the stains will disappear, but we have started with a mild treatment to be on the safe side. If they are still visible, add another two tablespoons of hydrogen peroxide and one teaspoon of ammonia, bring to a boil, and maintain the temperature just long enough to remove the spots. The less strenuous the treatment, the less chance of damage to the linens.

And now for the set of linen which headed for the laundry hamper last night. Those spots made by orange juice will come out in the regular laundering so we won't bother with them. And there's an egg smudge! That's not serious either, but we'll soak it in cold water or rinse it in lukewarm suds because if hot water was used to start with, the egg would be cooked into the linen and might prove difficult to remove. There is a place where Johnny spilled a little cocoa but we'll take a chance on the regular washing, keeping an eye on the spot so we can use hydrogen peroxide if necessary. That's everything so—oh, oh, lipstick on one of the napkins! We'll just rub a little soap on the spot right now and leave the laundering to do the rest. If that fails, we can still fall back on hydrogen peroxide.

The linen spots are all accounted for but we'll run over one or two other possibilities in order to be prepared for the worst. Meat juice and gravy stains will give no trouble if washed in cold or lukewarm water before the hot water is used. The same rule applies for spots made by cream, milk or ice cream. For candle wax, scrape off what you can with a dull knife, then place blotting paper over the spot and press with a warm iron, repeating with fresh paper until it disappears. Spots from peaches, pears, and plums are easily removed if treated promptly. With the linen placed over a bowl or kettle as previously described, pour boiling water on it from a height. If neglected spots have turned brown, it will be necessary to resort to hydrogen peroxide or a chlorine bleach. Edible grease can always be washed out but it's helpful to remember that a spot of this nature can be sponged out with a dry cleaning fluid a whole lot easier than the whole cloth can be washed and ironed. Tea spots can be treated exactly like coffee stains and will provide trouble only when the liquid was clear, containing no cream and sugar, or lemon.

We seem to have covered quite a number of possibilities and will leave linen spots with one general warning. Be sure that you always rinse the linen thoroughly after using a stain remover!

Silver seems to be our next point of attack but since the spots here will disappear with the regular cleaning, and because this cleaning is periodically scheduled in this family, we'll make this one exception in our spot removal day program. In passing it might be mentioned that there are two common ways of cleaning silver. The first is the good old hand-cleaning operation with any reliable silver polish. The second, or electrolytic method, is known to most people and usually has to be followed by a light cleaning with polish for the best results. Oh yes, there's a new variation of the hand-cleaning way. Put on flannel gloves, dust on powdered polish, and rub each piece lightly.

But here's a stain that has been neglected long enough! It's in that favorite decanter of ours. We'll fill it with lukewarm water into which we have put a little borax. If the discoloration hasn't entirely gone in a few hours, it may be necessary to add crushed eggshells to the solution and give the decanter a good shaking. That's sure to end the trouble, and we leave the dining room with a very pleased feeling.

Stepping into the kitchen we are cheered by the thought that, somehow, kitchen spots seem to get much more attention than living room or dining room spots. Still, there are a few which must be eliminated before we can carry our spot removal program upstairs, and the one that comes first is the range broiler pan, made by burned-on grease. Over to the sink goes the pan, into it is poured about a quart of very hot water, and into that goes two to three teaspoonfuls of baking soda. A little vigorous washing and scrubbing with a brush and off goes the spot! We rinse the pan with clean hot water, dry it thoroughly, and kitchen spot number one is a thing of the past.

The brass pipes at the sink offer not one but dozens of spots. Not having brass polish on hand won't excuse leaving any such collection as that, so we put two tablespoonfuls of vinegar in a pint of water and clean them with a cloth dipped in the solution. Next, rub with dry whiting and then wash

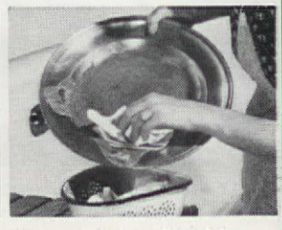
America's #1 Drudgery Dodger!

Saves You 6 Dirty Jobs for a Penny!

Are you spending an extra half hour or so in the kitchen every day . . . doing nasty, hateful jobs . . . that you could skip? Look these pictures over carefully and see what drudgery soft, white ScotTowels could save you. Remember—they're *less than a penny a dozen!*

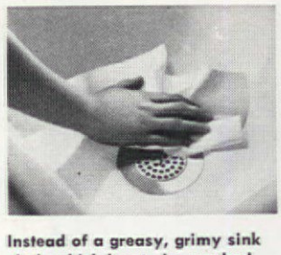
Her husband tinkered with the car, "washed" his hands, wiped them on a clean linen towel. Here *she* is scrubbing it! ScotTowels in the garage or bathroom would have saved this.

She WON'T have a dirty stove rag to wash out. She reached for a clean, crisp ScotTowel. When she's used it, out it goes! No grimy rags hang about *her* kitchen!



A greasy dishwashing job saved! Wipe your dishes with a ScotTowel before you wash them. Dishwashing's only *half* as hateful! Save time, your hands, your temper.

If she'd spread a ScotTowel on the table before she started to peel her dinner vegetables, she'd have saved herself this unpleasant cleaning-up job. With a ScotTowel, one sweep does it!



Instead of a greasy, grimy sink cloth which has to be washed out, use a crisp, white ScotTowel for wiping out those messy scraps from the sink. Your hands needn't touch them at all!

This means a stained towel or two to scrub out, UNLESS there's a roll of ScotTowels handy. When something spills, keep calm—but don't spare your roll of ScotTowels!

6 BIG ROLLS AND A HANDY RACK $1

I'LL DO YOUR DIRTY WORK FOR 3 WHOLE MONTHS FOR $1

This offer applies only to the U.S. and its insular possessions

MAIL THIS COUPON

Scott Paper Co., Chester, Pa. If your dealer does not sell ScotTowels, send us $1 (money or stamps) and you will receive postage paid: *6 rolls of ScotTowels and 1 enameled fixture or send 50¢ for two rolls and 1 fixture.* Check color of fixture desired: ☐ ivory ☐ pale green.

Name_____

Address_____

Dealer's Name and Address_____

A-4-38

"There wasn't any question what our *next* refrigerator would be . . .

We were after silent freezing with **NO MOVING PARTS** *and that meant a* **SERVEL ELECTROLUX"**

● ANY FAMILY that has already owned another type of refrigerator *knows* what a comfort the silence of Servel Electrolux must be!

This is why more and more of these families every year are choosing Servel Electrolux for their *second* refrigerator!

They want its freedom from noise. And they want . . . as well . . . the other big advantages which result from its different, simpler freezing system.

Servel Electrolux freezes with no moving parts. A tiny gas flame circulates the refrigerant that produces constant cold and cubes of ice.

This means no wear . . . no loss of efficiency due to wearing parts. Year after year, Servel Electrolux saves you money on running cost and in freedom from expensive repairs.

See the beautiful 1938 models at your gas company or neighborhood dealer's showroom. Discover for yourself their wealth of new time-saving and labor-saving features.

And remember, your own gas company recommends Servel Electrolux to you . . . offers prompt, willing service on every one it installs.

FOR SUBURBAN AND RURAL HOMES, Servel Electrolux operates on kerosene (coal oil) or on bottled gas. Write for complete details to: Servel, Inc., Servel Electrolux Sales Division, Evansville, Indiana. (Servel Electrolux is also sold in Canada, and in Central and South America.)

"WE KNEW WHAT we wanted when we purchased our second refrigerator. We wanted *silence*, so naturally we got a Servel Electrolux."—*Mrs. H. Tiedeman, New Haven, Conn.*

"I HAVE USED automatic refrigerators before, but Servel Electrolux is the finest. It costs less to operate and gives no trouble whatever."
—*Mr. H. Vezina, Chicago, Ill.*

SERVEL

ELECTROLUX

THE *Gas* REFRIGERATOR

SAVE....WITH THE REFRIGERATOR YOU HEAR ABOUT BUT NEVER HEAR

SUNKIST LEMONS *bring out the* FLAVOR

GIVE RICHER TASTE TO FRUITS YOU COOK

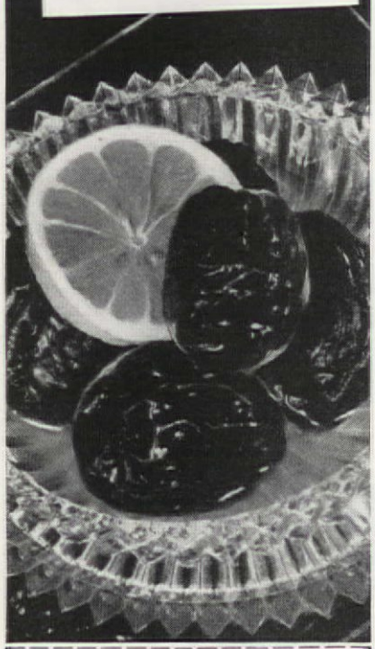
Add Sunkist Lemon juice and sliced or grated lemon peel to stewed or preserved fruits.

In tomato, apricot and pineapple conserves add thin slices of lemon and preserved ginger for a delicious oriental flavor.

Apple sauce takes on new glamour when lemon juice or lemon slices are added. True also of all cooked dried fruits—prunes, peaches, apples, pears, apricots, figs and raisins. Test it for yourself!

FREE NEW BOOKLET OF LEMON RECIPES

Many other flavor-improving lemon uses are suggested in Sunkist's new all-lemon recipe booklet. Send the coupon today for your *free* copy.



California Fruit Growers Exchange
Sec. 2104, Sunkist Building, Los Angeles, Calif.

Send FREE recipe booklet, "Sunkist Lemons Bring Out the Flavor."

*Name*_____

*Street*_____

*City*_____ *State*_____

Copr., 1938, California Fruit Growers Exchange

off with clean water to keep the vinegar from again tarnishing the pipes. Dried, they look as though just installed.

Now for the steel wool to take the stains off those two aluminum kettles. Oh bother, why didn't we remember to get more steel wool when our usual supply gave out! Never mind, there's more than one way to skin a cat or clean a stain. We fill the kettles with water, add a teaspoonful of cream of tartar, and boil until these utensils are bright and shining like new. We could even have removed these particular spots by rubbing them with a slice of freshly cut lemon or piece of rhubarb.

With the kitchen spotless, we're off for the bedrooms on the final lap of our campaign. There are a couple of spots on the sheets but they must wait till tomorrow when the laundry is done. However, we separate the stained sheets from those which are merely soiled. We usually soak our sheets for a half hour before washing but this wouldn't be wise in the case of the stained linen as the soaking might set the stains.

A quick cataloging of upstairs spots shows one wallpaper stain, two rug spots, and a spot on an upholstered chair. We have had experience downstairs with all of these except one, where Johnny carelessly got shoe polish on the bathroom rug. Well, there's no reason why that should frighten us. We simply wet a clean cloth with some good old carbon tetrachloride and rub the spot until it disappears, making sure that we continue to use a clean section of the cloth.

Let's see—yes, there's just one more thing to take care of! Our favorite blanket has two spots on the ribbon binding and one on the blanket itself. To get rid of the edge spots we place the blanket on a clean porcelain table and scrub the ribbon with a soft brush dipped in foamy suds made with a mild soap. And now to complete the job, we're going to wash that blanket by hand, which we do by dipping it up and down through mild suds rather than by rubbing. To the spot we apply a sudsy brush, making sure that the suds do not die down during the operation. Then the water is squeezed out of the whole blanket gently and the blanket is hung carefully over a clean line lengthwise, with half on either side. There is no trace of the three spots.

And there we are with a spotless house—spotless in imagination at least. But the imagination, working overtime, produces such a satisfying glow of accomplishment that—What time is it now? Ten o'clock in the morning and here I sit, reading my favorite magazine! There's time for me to get a spot removing carnival under way this very day! I'm off!

"It takes Close Figuring to live on a Food Budget of $40 *a month*"

—says Mrs. Walter Speck, of New Brunswick, N.J.

"This was my son's birthday party," writes Mrs. Speck. "With a growing boy and a husband to feed, I certainly can't afford baking failures. You don't catch me trusting expensive cake ingredients to cheap, doubtful baking powder."

"With Royal, I'm sure of success—and a finer flavor, too. And one cent's worth of Royal is enough for a good big cake."

YOU have the right idea, Mrs. Speck! There is no economy in risking failures with cheap, doubtful baking powder.

The good fresh butter, eggs, flavorings and other materials you put in a cake often cost 40 times as much as the baking powder.

With Royal, you take no chances. The Cream of Tartar in Royal insures perfect results every time. And gives finer flavor, more even texture to all your baking.

Remember, too, Royal is not expensive. It actually costs only about 1¢ per baking. And, at this low cost, you get the only nationally distributed baking powder made with Cream of Tartar—a safe, wholesome fruit product.

Don't take chances on baking failures. Next time you buy baking powder, ask for Royal—and be sure!

FREE COOK BOOK

Write to Royal Baking Powder, 691 Washington Street, New York City, Dept. 84.

Copyright, 1938, by Standard Brands Incorporated

RIGHT FROM OUR OWN KITCHEN

EVERY now and then such attractive and interesting recipe booklets come to our kitchen that we feel we must tell you about them. This month there's the new booklet, "Magic Entrées with Canned Salmon," which inspired us to rush right out for a can of salmon so we could try out some of the gayly illustrated recipes in our own AMERICAN HOME kitchen. Included also are 24 menu suggestions, not only for the usual family meals but for company meals as well: studio suppers, club day dinners, summer luncheons, and buffet suppers have not been neglected.

The West Bend Aluminum Company has a new booklet, too, on how to cook vegetables properly, a phase of cooking so often abused. It will also tell you how to make the most of your Dutch Oven. There are so many economical ways it can be used. And for the women who are always on the lookout for inexpensive but pleasing menus, there are suggested meals for every day in the week.

Not fattening

One of the most intriguing of the new food products that have found their way to our kitchen recently (and you may be sure we receive a great many new foods here, some good and some otherwise) is called "Lister's Golden Spread." It looks and tastes like butter, but it really isn't butter at all, and it is not fattening. Great news, of course, for those who insist on keeping weight down yet dislike the idea of having to give up a spread for bread.

An easy frosting

We should like to tell you about a new ready-to-use marshmallow frosting we have in our kitchen now, too. It comes in a tin and will keep in any temperature until you are ready to use it. It is a thick, white sauce, just as you would expect, and looks quite luscious served on fresh hot gingerbread. We used it as a topping for hot chocolate and immediately all our testers, or "guinea pigs," as we call them, wanted the recipe. A compliment which always pleases us more than any other one we can think of. It is made by the Joseph Burnett Company.

"Excuse our backs – *we're doing our homework*"

THE QUINTUPLETS

World Copyright, 1938, N.E.A. Service, Inc.

Dr. Allan Roy Dafoe says:

Karo is the only syrup served to the Dionne quintuplets. Its maltose and dextrose are ideal carbohydrates for growing children —

Allan Roy Dafoe

My new Gas Range dresses up the whole kitchen!

and its modern features make cooking a real joy!

NOTHING SAVES kitchen time like a modern gas range. The new high-speed *smokeless* broilers cut broiling time in half. Ovens pre-heat twice as fast as formerly. Top burners give instant high heat—and a flexibility not found in any other type of range. Special simmer burners are unequalled for "waterless" cooking, which preserves flavor and vitamins.

QUICKER

EASIER

AUTOMATIC FEATURES of the new gas ranges take the hard work out of cooking. No need to keep peeking into the oven—*heat control* gives the *exact* oven temperature you need. Many models have clock control, which turns the oven on and off for you. Insulated ovens keep kitchens cooler, save gas. Smart table top models have ample work space.

CLEANER

THESE MODERN GAS RANGES are as easy to keep sparkling clean as a china plate. A damp cloth removes any spot from the shining surface. New "closed" top burners never clog, are easy to keep spick and span. The clean blue flame never blackens pots and pans—for gas is *clean* heat, as well as being quick, dependable, economical.

* * *

See the handsome new gas ranges at the showroom of your Gas Company or Appliance Dealer. You'll fall in love with their beauty—be delighted at their surprisingly low cost.

Look for this Seal of Approval of the Testing Laboratories of the American Gas Association when you buy gas equipment. Appliances bearing this seal comply with national requirements for safety, durability and efficiency.

FREE! Send for booklet, "Planning the World's Easiest-to-Keep House," by CONSTANCE HOLLAND; a valuable guide for saving time, money and effort in your own home. Mail this coupon to American Gas Association, Dept. A, 420 Lexington Avenue, New York. A-44

Name _____

Street _____

City and State _____

GAS IS YOUR QUICK, CLEAN, ECONOMICAL SERVANT

Use Crane, Dutch Oven, and Hot Plate for FIRESIDE COOKERY

MARGARET TIPTON WHEATLY

When the chill in the air urges us indoors there is no need to give up our open-fire cookery, for along with the popularity of outdoor grills and fireplaces, indoor fireside cookery is coming into favor. Just as in the Colonial days, we may again enjoy friendly gatherings and have delicious food prepared over the glowing coals.

A crane is such a simple device to install and such a picturesque addition that it is likely to find its way into the open fireplace. The fittings, such as pots and kettles, ladles, fire-tongs, and hearth brush may be antique or modern. Since outdoor cooking has become the vogue most stores dealing in camp and kitchen utensils have the regular open-fire pots.

Here then, before the hearth, let's have many delightful informal suppers. The menu may be one dish—the ever popular "mulligan," with corn pone baked on an oaken slab before the blazing logs; or grilled chops, steaks, bacon, or sausage. In fact, any meat which is customarily enjoyed in the open may be cooked here. A simple device for grilling or broiling the meat may be quickly hung from the crane by two chains passed through the corner meshes of the broiling screen, then fastened into crane hooks. Of course, you will have arranged for the time of broiling, by supplying a bed of coals, just as is necessary when you are doing the cooking out-of-doors.

And . . . don't be afraid of smelling up the house, as every cooking odor will go up the broad chimney. There is always a draft into the fireplace, which sucks away immediately all cooking smells.

Boiling—baking—broiling—all these delicious ways of cooking may here be brought to perfection over a slow wood fire. *And* it is *fun!* Try this kind of party on your friends. It probably will turn into a combination buffet, cafeteria, "Dutch cook" affair, as everyone will, no doubt, want to try his hand and his originality at this new art in cooking.

A casserole will be helpful

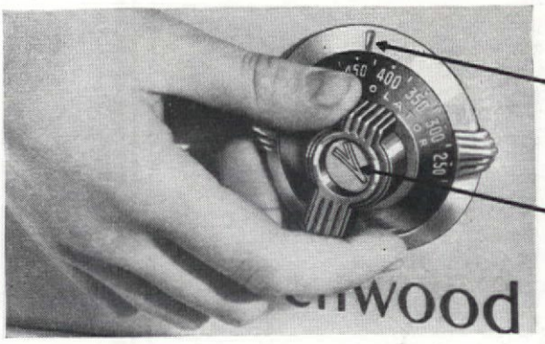
Now for a few helpful suggestions. Instead of many courses, try to bring each dish to that perfection which is possible only over a wood fire. We have found after much practice and experimenting that the superb flavor of many foods reaches a peak in the casserole. For this form of broiling, or more properly, simmering, we have developed what we call a hot plate, which is contrived by placing three bricks "hob" fashion within the chimney breast (at left in photograph). These form a hollow square which is filled with live coals, the iron grill or lid

Here, before the hearth, let's have many informal spring suppers

AND NOW GLENWOOD "MAKES COOKING EASIER"

TELUVISION

AUTOMATIC HEAT CONTROL



HERE's another practical Glenwood feature that adds tremendously to the amazing advancement of gas cookery. This new "Teluvision" Automatic Control not only maintains the exact oven temperature you need, automatically—it actually shows the temperature at all times. There's no guess-work; you know when the oven is ready to put in the baking.

A Glenwood will perform with the greatest efficiency and maximum food economy. You'll get all the speed, flexibility, and dependability of modern gas service.

GLENWOOD *Gas ranges are also approved for Bottled Gas Service.*

SUPERIOR COOKING PERFORMANCE

1. High-speed roasting.
2. Low temperature, less roasting shrinkage.
3. Whole meal oven cooking.
4. Super-insulated, retained-heat oven baking.
5. Recirculating, conditioned-air oven heating.
6. Visualized, automatic control of oven heat.
7. Double-searing broiling.
8. Giant "Dual Thrift" burner, high-speed top cooking.
9. "Dual Thrift" simmering.
10. Waterless, vitamin-saving top cooking.
11. Automatic, instantaneous lighting.
12. Accurate food timing.

Look for the new "DUAL THRIFT" Burners

ADVANCED Glenwood GAS RANGES

GAS *is your Quick, Clean, Economical Servant*

GLENWOOD RANGE COMPANY
Dept. A-2 — Taunton, Mass.
Please send me descriptive booklet No. 5300
Name _____
Address _____
City _____ State _____

placed over the top and the casserole set here to simmer. It will not be necessary to replenish the coals under the casserole more than once for ordinary dishes, as there is no draft through this cleverly contrived brazier, and a low fire is desirable. On the other side of the andirons is placed another hob of brick. Most fireplaces are lined with these square-edged useful articles of building and so they blend with any kind of fireplace. On this hob a kettle of water is kept either for tea, or hot water to add to the casserole dish, or (with kettle hanging from the crane) the delectable pot-roast which may be cooking on the hearth in the Dutch oven. Be sure to place a few potatoes with the latter.

Take special notice that the Dutch oven which you secure for fireside cookery is of the rimmed-lid design; not the style for oven roasting, as we want top heat for many dishes, and with this rim the coals may be banked upon the lid, and when other coals are placed underneath, truly this flat iron pot becomes an oven.

We bake hot rolls, or corn bread in our Dutch oven to perfection. Chicken may be roasted to a new high in deliciousness in this most useful of the long list of utensils which are adaptable for the fireside cooking unit.

An oaken plank is used for baking the corn pone, because it's free from pitch and does not catch on fire readily. We have used one a long time now, and it is just getting charred on the bottom edge where it sits on the hearth. It is well to have an extra brick to lean this board against as it should be nearly upright so the bread just stays on.

Fireside cookery does not entail loads of work and disorder as might be supposed at first thought. It is grand to do for company, too, because the cooking unit is moved to the living room or rumpus room, and the hostess is always with her guests.

Corn pone or Johnnie Cake (Plantation style)

Allow one cup of meal for two persons . . . or if they are very dainty eaters, for three.

Sift the coarse corn meal into a pan; make a hole in the middle and pour in sufficient rapidly boiling water to make a soft dough. Add salt and a tablespoon of melted fat to each cup of meal. Stir very briskly for fifteen minutes, until it becomes light and spongy; then spread it evenly about half an inch thick on the oaken plank and place upright before the fire. Let it remain until brown. Cut into squares, split and butter—while quite hot.

WHEN YOUR HUSBAND HINTS he has a hankering for a good old-fashioned New England bean feast, *please* don't suffer culinary qualms. Let Heinz helpful chefs come to your assistance! They've recreated *exactly,* in Heinz Oven-baked Boston-style Beans, that delicious dish of boyhood days! Just get out the family bean pot and fill it with these mealy, tender, *thoroughly baked* Heinz beans. Heat 'em in the oven till the sauce fairly bubbles and little puffs of aromatic steam arise when you remove the cover. You won't have to announce dinner! The moment that first heavenly fragrance of mingled spice, molasses and pork assails his nostrils, he'll come on the run!

SUGAR AND SPICE and everything nice—that's what gives Heinz Oven-baked Boston-style Beans such coaxy, come-hither flavor! After the beans have baked in hot, dry ovens, they're drenched with a sauce of rich molasses, sugar, imported spices—and topped with succulent pork. Here's good eating, just for the heating!

4 KINDS
Heinz Oven-baked Beans in rich, savory tomato sauce with juicy young pork.
Heinz Oven-baked Beans in tomato sauce without pork — vegetarian style.
Heinz Oven-baked Beans in molasses sauce with tender pork — Boston style.
Heinz Oven-baked Red Kidney Beans with pork — in their own sweet sauce.

57 OVEN-BAKED Heinz BEANS

Be sure your Mixer is the
Sunbeam Automatic
MIXMASTER
THE BEST FOOD MIXER MADE

Compare Mixmaster with all other food mixers and you will know why women everywhere prefer it. Be sure the food mixer you buy *is* Mixmaster — there is only *ONE* Mixmaster!

ONE OF Sunbeam THE BEST ELECTRIC APPLIANCES MADE

DURALIFE!—that's the wonderful, patented heating element used in the K-M Grill Stove—just as used in the finest electric ranges! Result: You can do *anything* on the K-M—from heating baby's milk to cooking an entire meal. Element also works as a warming oven.

The K-M is 3 times as efficient as ordinary grills. Easier to keep clean. Top will not warp. Listed as Standard by Underwriters' Laboratories. Beautifully designed, with chrome-finished top. Look for the amazing K-M Grill wherever appliances are sold.

K-M Tel-A-Matic Iron, the most beautiful and efficient iron ever designed!

KNAPP-MONARCH CO., St. Louis, U.S.A.

In search of CHESS PIE

MARION W. FLEXNER

A FRIEND of mine in New England invited me to dinner. I was most enthusiastic about the dessert that she served.

"It's Chess Pie," she told me. "Most people seem to like it. The mother of an old beau gave me the recipe. As far as I know it's never been published."

When I returned home I had the new dessert for my first party. My friends were as interested in it as I had been, but when I told them the name of it, bedlam broke loose. Everyone spoke at once.

"Why, this isn't chess pie," they cried in unison. At least not what we call chess pie back home in Kentucky."

"Our chess pie has pecans in it, but no raisins."

"And ours has black walnuts in it, not English."

"You're both mistaken. Chess pie is made with jelly."

"You're thinking of transparent pie. Chess pie is something like caramel pie."

"Not the way Mother makes it. Her chess pie is like a rich custard pie made with cream, and eggs, and butter, and sugar, and vanilla, and a dash of nutmeg."

"None of you are right"—this from the guest of honor who lived in Alabama. "The filling of *real* chess pie is almost candied. It's made with sugar, and eggs, and butter, but not much cream, and has a bit of cornmeal to thicken it and give it an unusual flavor. I'll send you the recipe."

"You must all send me your recipes," I insisted.

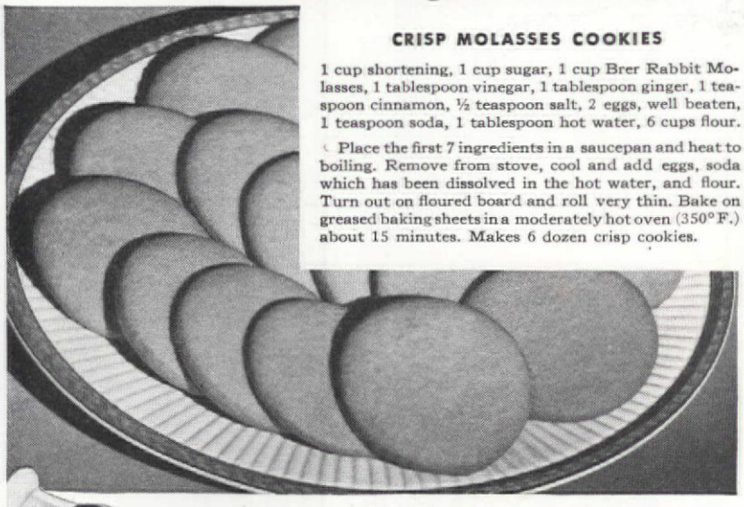
I had never heard of chess pie until a few weeks ago, but I knew of no one dish about which there was so much controversy. Thus began my search for the origin of chess pie. Did it get its name from a town, or a family who invented it? No genealogist ever went more carefully into the origin of a family tree than I into the history of chess pie. I poured over old cook books; I pried into hand-written ledgers of yesterday's housewife. I consulted the aged, but still I made no headway. Finally when I had almost given up the quest, I solved my riddle. But I had to go to England to do it!

I was spending the day in Salisbury. I had been to the cathedral, shopped around the village, and even taken the bus to Wilton House to see the "Double Cube" room with its priceless Van Dyke's and art treasures. It was four o'clock and I still had an hour to

[*Please turn to page 68*]

Try Brer Rabbit's quick new way to make

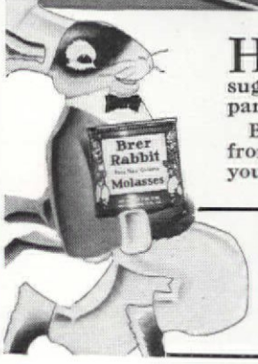
Molasses Cookies



CRISP MOLASSES COOKIES

1 cup shortening, 1 cup sugar, 1 cup Brer Rabbit Molasses, 1 tablespoon vinegar, 1 tablespoon ginger, 1 teaspoon cinnamon, ½ teaspoon salt, 2 eggs, well beaten, 1 teaspoon soda, 1 tablespoon hot water, 6 cups flour.

Place the first 7 ingredients in a saucepan and heat to boiling. Remove from stove, cool and add eggs, soda which has been dissolved in the hot water, and flour. Turn out on floured board and roll very thin. Bake on greased baking sheets in a moderately hot oven (350°F.) about 15 minutes. Makes 6 dozen crisp cookies.



HERE'S A RECIPE to save you time, energy and dishwashing. No creaming of shortening and sugar—you stir up all the ingredients in a saucepan. And the cookies cost only about 6¢ a dozen!

But be sure to use Brer Rabbit Molasses—made from freshly crushed Louisiana sugar cane. Then your cookies will have real old-fashioned flavor!

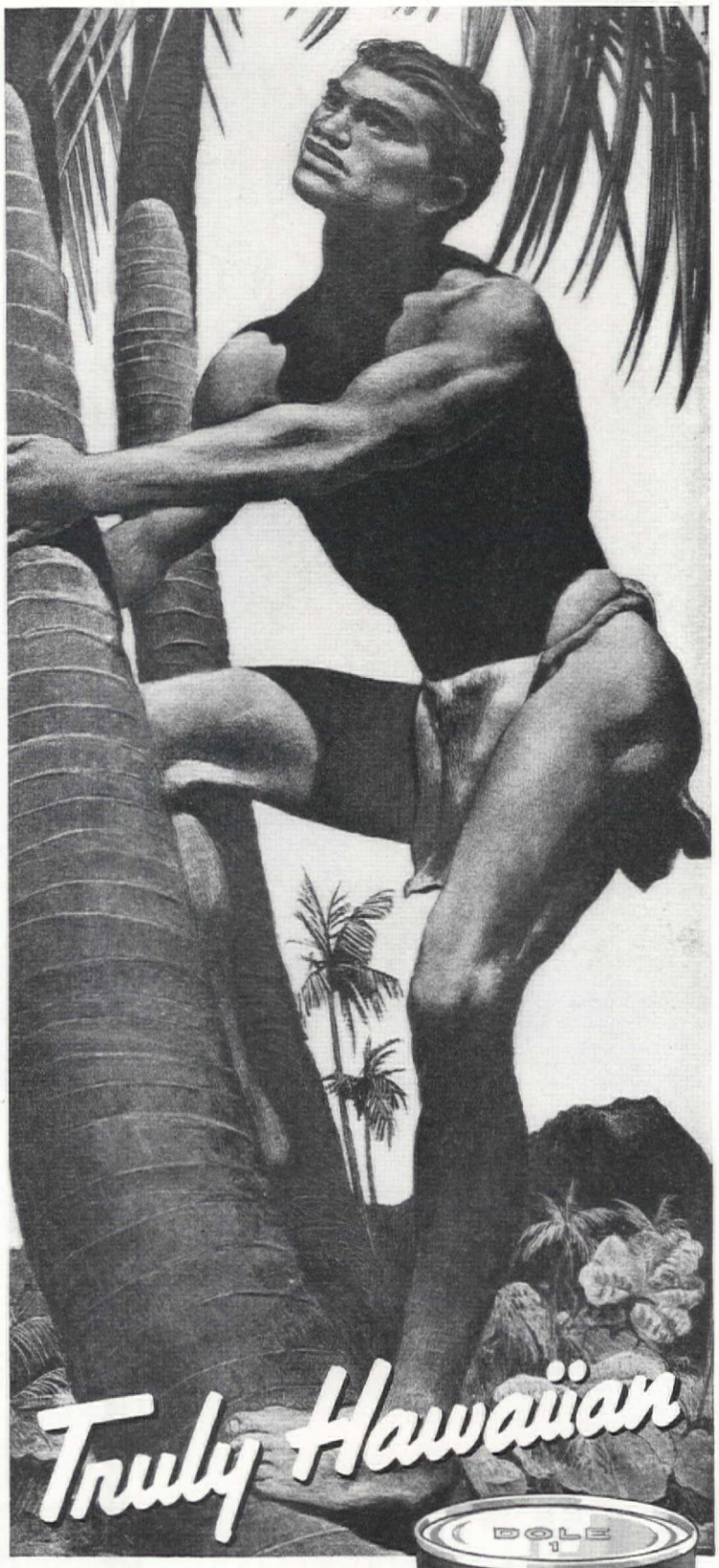
FREE! Brer Rabbit's new book. 100 recipes. Gingerbreads, cookies, cakes, pies, puddings, breads, muffins, waffles, griddle cakes, candies. Address Penick & Ford, Ltd., Inc., New Orleans, La., Dept. A-5.

Name_____

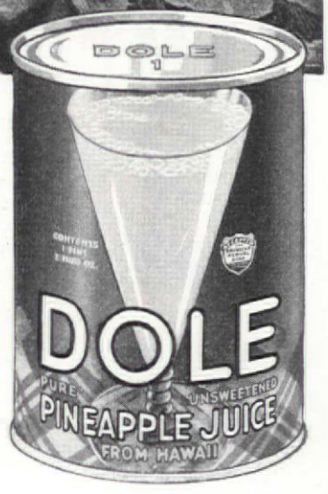
Address_____

(Print name and address)

• *Lithograph by* ROBERT RIGGS *for* HAWAIIAN PINEAPPLE CO., LTD.



ENJOY the refreshing flavor Hawaii gives Dole Pineapple Juice . . . so ideally protected by the exclusive Dole Fast-Seal Vacuum-Packing Process.



Hawaiian Pineapple Co., Ltd., also packers of "Dole Pineapple Gems," Sliced, Crushed, Tidbits, and the new "Royal Spears." Honolulu, Hawaii, U. S. A. Sales Offices: San Francisco, California.

OUR FAMILY HAD FEWER "COLDS" THIS WINTER

• "Since our home has been air-conditioned, there's been no more overheated, dry air to steal moisture from noses and throats . . . one cause of 'colds,' the doctors say."

Yes, with modern air-conditioning, you can say good-bye to hothouse rooms winter and summer at no great cost. Plan your installation this very month with your architect or contractor. Specify galvanized Armco Ingot Iron sheets for the air-ducts. For all exposed metal surfaces you will want to use Armco Galvanized Paintgrip sheets for lasting paint beauty. Look for the famous Armco triangle when you buy metal equipment—your assurance of lasting, trouble-free service.

ARMCO INGOT IRON

ARMCO

MAIL COUPON FOR FREE BOOKLET giving dozens of practical short-cuts in housework. 36 pages. Lots of pictures of new metal products for the home. If you wish information on any particular product made of Armco metals, just let us know when you mail the coupon.

The American Rolling Mill Company
Middletown, Ohio

Please send me, free, the 36-page booklet, "Should Husbands Keep House?"

Name_____

Address_____

City_____ State_____

A.H. 1

Walter R. Love's Hildred gladiolus

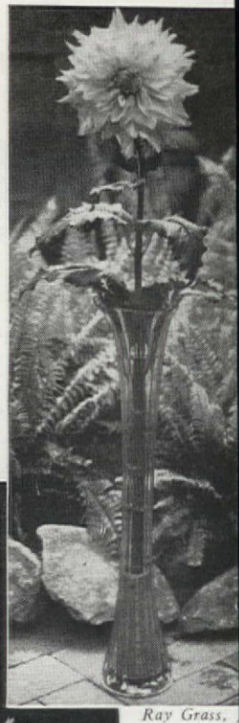
1937 medal awards

[*Continued from page 23*]

data supplied by the recipients of the medals; photographs were asked for, but in a few cases were not available.

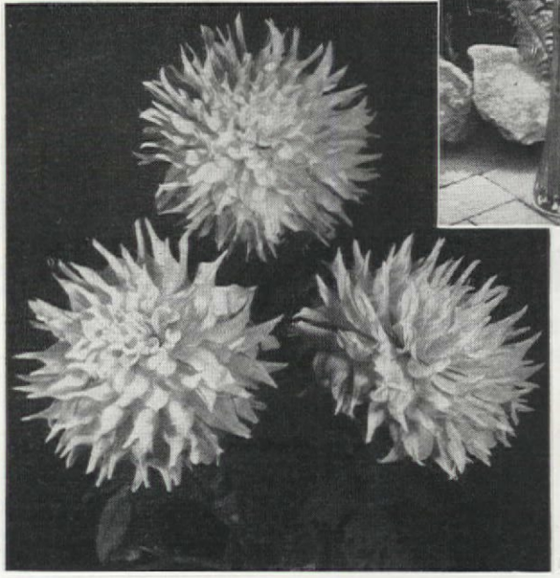
It should be pointed out that the Medal can be offered only after a formal application, accompanied by assurance that the requirements will be met, has been made and an acknowledgment and authorization has been received from THE AMERICAN HOME.

Frank Serpa, winn
at the St. Louis sh



Ray Grass,

Rosemary's Beauty, given the Medal by the Dahlia Society of Ohio



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THE IRON FIREMAN

TRADE MARK
REG. U. S. PAT. OFF.

SEE THE FIRE! You never saw such a fire before—no other fuel and no other firing equipment can make a fire like it. The Iron Fireman De Luxe Heatmaker mixes approximately 15 pounds of air with each pound of coal, and releases and burns the rich coal gases exactly as needed to heat your house *automatically* without smoke and without waste.

IRON FIREMAN

DELUXE *Heatmaker*

THE WORLD'S FINEST AUTOMATIC COAL BURNER

$220.00 Plus Freight and Installation

Turns Low-Cost Coal Into Clean Healthful Heat Automatically Regulates Room Temperatures

1. "We Put Iron Fireman on the Job and We Haven't Had a Single Heating Worry Since."

2. "That's the Iron Fireman's Electric Brain. It keeps the temperature of our home at 72° all day and 60° all night. It can 'feel' the slightest shift in temperature and tells the Iron Fireman whether to send up more heat or less. I tell you it's great!"

3. "No more fire building for me! The Iron Fireman keeps the fire going low all night and the Time Switch turns it up before I'm awake. By the time I get up the house is good and warm—72°. Let's go down right now and take a look at our Iron Fireman."

4. "Here's the heart of the whole business—the fire. Right now the Electric Brain isn't calling for heat, so the fire's 'asleep'. But you notice there's enough heat coming from those hot coals to keep the air upstairs moving, so cold air can't settle on the floor."

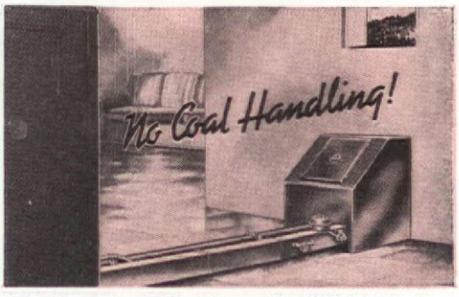
5. "Now look at it! See how the fire responds when it gets a call for heat from the Electric Brain. Isn't it the cleanest, brightest fire you ever saw? The Iron Fireman gets all the heat out of the coal. Our fuel bills are lots lower now than they've ever been."

6. "This *easy flow* coal conveyor on the Iron Fireman is the smoothest running and most durable thing of its kind. They take a bar of *cold* alloy steel and wrap it around another bar of alloy steel, then weld them both into one solid piece. That's real construction!"

7. "See that? It's a lung. It's there to regulate the amount of air the firebed gets, the way your lungs automatically regulate the amount of air you breathe. It keeps adjusting the air feed all the time so that the volume of air stays constant, at approximately 15 pounds of air for every pound of coal."

8. "It certainly gives me a lot of satisfaction to own a genuine Iron Fireman. You know, Iron Fireman started the whole automatic coal burner industry and its been the leader ever since. It's the world's largest maker of automatic coal firing equipment. I've got the authentic article!"

ENJOY the prestige and satisfaction of owning a genuine Iron Fireman De Luxe Heatmaker. Install it in your present furnace or boiler . . . and you will have the smoothest automatic heating that is available anywhere. The Heatmaker is offered at the lowest price in Iron Fireman history. You may buy it on easy terms. See your dealer, or write the Iron Fireman Mfg. Co., Cleveland, O. Factories in Portland, Ore.; Cleveland, Ohio; Toronto, Canada.



No Coal Handling . . . Coal is an "invisible" fuel when fired by the Iron Fireman "*Coal Flow.*" The fuel *flows* from the enclosed bin (above) to the furnace. Iron Fireman *Coal Flow* and Hopper models are designed to fire boilers developing up to 500 horsepower. Models for anthracite coal automatically remove ashes.

Greatest Iron Fireman Ever Built

1. Fires Coal Automatically. 2. Regulates Room Warmth. 3. Prevents Smoke Nuisance. 4. Saves Work. 5. Cuts Fuel Cost.

WRITE FOR CATALOG: Write for catalog illustrating and explaining *De Luxe Heatmaker;* also *Coal Flow Heatmaker.* Sectional, internal views, details of cross section of fire, etc. Write name and address on margin of page and mail to Iron Fireman Manufacturing Company, 3050 West 106th Street, Cleveland, Ohio.

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VALSPAR

The Finish of a Thousand Uses

BEAUTIFIES and PROTECTS

It is amazing what a touch of Valspar here and there can do to glorify your home. There is a Valspar Finish for every purpose, inside or out. Choose a Valspar Finish and you will get the results you are seeking.

Valspar Wall Paints are made both in soft pastel shades and in bold colors, either in flat or semi-gloss finish.

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Valspar Enamels are the only enamels in the world made with Valspar — and *you know what that means!* It means the same durable qualities that made Valspar Varnish the most famous in the world are now available in 26 attractive colors.

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There's a Valspar Paint for every purpose, inside or out—and costs you no more than ordinary paint.

Valspar Enamels—the only enamels made with Valspar. 26 attractive colors to glorify your home.

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Please send me the following 38c cans of Super-Valspar. I enclose 15c in stamps for each can, clear or colors as specified.

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(No more than 3 cans to any one person)

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(In Canada send 20c for each 45c can to The Valspar Corp., Ltd., Toronto.) AH-4-38

Silver Medal Awards

To Mr. Frederick E. Dixon, Scotch Plains, N. J., for Dahlia Mildred Pote, shown at the American Dahlia Society Show, New York City, Sept. 24.—A phlox-pink, large, informal decorative; an early and prolific bloomer, with excellent stem and plant habits. A chance seedling, it has been tested four years without weakening in any of its points. The flowers shown were staged at 7.30 A.M. the first day of the exhibition and at its close, the next night, were taken to another show thirty miles away for a third day's display.

To Mrs. Arthur Hoyt Scott, Todmorden Farm, Media, Pa., for Peony Rose Valley, shown at the American Peony Society Show, Lincoln, Nebraska, June 12. A beautiful soft pink Japanese type, with a great central cluster of soft yellow petaloids, that holds its cup shape well and is quite distinctive. The result of hybridizing among the strictly scrutinized "aristocrats" in Mrs. Scott's garden, it received the bronze medal of the Pennsylvania Horticultural Society at a local show two years ago.

Bronze Medals Awarded
(Arranged alphabetically according to location of show)

Baltimore, Md., Sept. 20. Baltimore Dahlia Society—Stanley Johnson, Cheltenham, Pa., for Rosy Morn, informal decorative of brilliant deep rose-pink. Clean growing plant with dark green foliage and blooms often ten inches across by five deep held well above the foliage on strong, straight stems.

Boston, Mass., Sept. 11. Dahlia Society of New England, Rialside Dahlia Gardens, Beverly, Mass., for Rialside King, informal decorative; blooms eleven inches by four inches, picric yellow at base shading to light pink at tips with about half the petals overlaid with Jasper pink. Says Mr. Al Cavannah, proprietor of the Gardens, "I have won a great number of major awards in the last eight years, but none has given me the thrill that this one has."

Chicago, Ill., June 5. Midwest Horticultural Society Iris Show—Dr. A. C. Wilhelm, Chicago, for Iris Red Douglas, adjudged the best new flower in the show.

Camden, N. J., Oct. 1. Camden Dahlia and Horticultural Society—Stanley Johnson, Cheltenham, Pa., for Pink Fantasy, semi-cactus with blooms of mallow pink shading lighter toward the center; size eleven by five inches. Won in a class of twenty-four entries.

Cleveland, Ohio., Sept. 25. Dahlia Society of Ohio—Rosemary Dahlia Gardens, Martins Ferry, Ohio, for Rosemary Beauty, semi-cactus; pink shading to lemon center which is slightly raised; size about eleven inches. Parents, Satan and Patricia Ann (a 1932 Rosemary introduction), both of which scored 87 at Storrs. Besides winning the Achievement Medal in a class of 17, Rosemary Beauty won a first at the West Virginia show and was included in Leonard Barron's 1937 Honor Roll.

Columbus, Ohio., Aug. 21. National Gladiolus Society—Walter R. Love, Elwood, Indiana, for Gladiolus Hildred, lavender pink resembling Minuet; spikes bear 21 to 26 blooms and open 10 at a time; a strong bulblet producer. The result of 9 years of careful line breeding with Henry Ford as one of the original parents. Won in a class of 36 entries.

Detroit, Mich., Sept. 10. Dahlia Society of Michigan—Lakeside Dahlia Gardens, New Baltimore, Mich., for Michigan White, a cream white semi-cactus descended from Star of Bethlehem. In 1936 won a certificate at the East Lansing trials with score of 86.1, and made 85 at the Storrs trial grounds.

Englewood, N. J., Sept. 18. Englewood Dahlia Society—Mr. F. R. Kurzenknabe, Hackensack, N. J., for Lord of Autumn (as "best flower in the show"). The 12 by 8½-inch bloom had already won first in the open class for yellows.

Fairmont, W. V. West Virginia Dahlia Society—Mr. Shelby E. Taylor, Morgantown, W. Va., for Rockley Dictator, a large crimson-red semi-cactus, with rigid stems, good centers, foliage, and formation, and tight petals that do not shed. Will make 13 inches; two 12-inch blooms, after having been carried by hand some 400 miles, were shown at the New York Show in good condition.

Indianapolis, Ind., Sept. 18. Dahlia Society of Indiana—Creek Side Dahlia Gardens, Richmond Dale, Ohio, for Grand Master, a very large formal decorative of deep bronze shading to orange at the center. Flowers twelve inches or more by eight, are held erect on strong stems above foliage of heavy texture. Besides THE AMERICAN HOME medal it won two Ohio Valley achievement medals and has two trial grounds certificates to its credit.

Indianapolis, Ind., Oct. 2. Indianapolis Dahlia Society — Sparks Dahlia Gardens, Columbus, Ind., for Pink Elegance, a semi-cactus of brilliant and charming rose pink, eight to ten inches in diameter, with fine texture and keeping qualities. It is owned jointly by the Sparks Gar-

[*Please turn to page 105*]

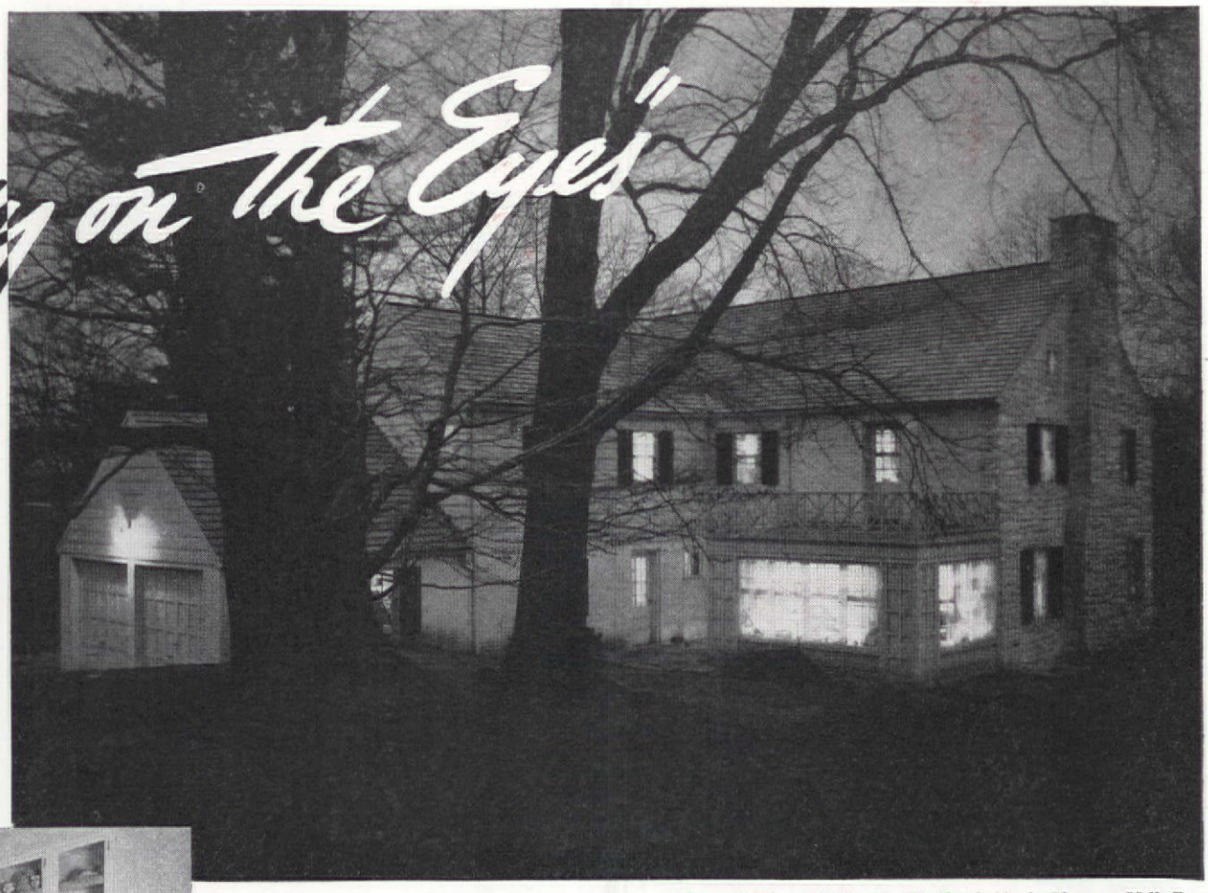
Prize winning dahlia, Shirley Temple, of Victoria, B. C. Left: Virginia Shipley, a winner of Maryland

"Easy on the Eyes"

J. Linerd Conarroe, architect, says:

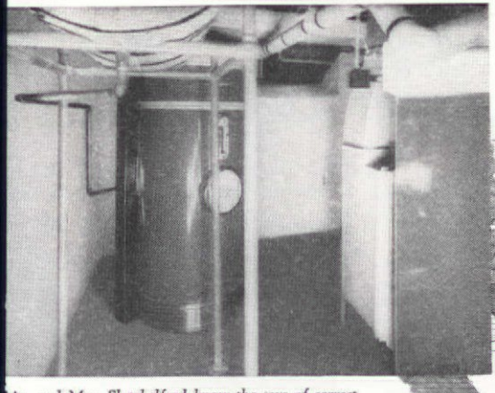
wanted adequate lighring in this ew American Home, planned for Mr. id Mrs. F. W. Shackelford of Chest- it Hill, Pa. That's why I specified -E Home Wiring. It permits lighting tures and lamps so placed there are dim corners, no unpleasant glare. he entire interior is easy on the eyes. his, together with the G-E kitchen d G-E automatic heating system, has ade it one of the most completely tisfying New American Homes it has en my privilege to design."

J. Linerd Conarroe



Home of Mr. and Mrs. F. W. Shackelford, Chestnut Hill, Pa.

o waste steps in the Shackelford kitchen. See how efficiently each unit is laced. Note the General Electric range, dishwasher, sink with Disposall, frigerator and fan.



Mr. and Mrs. Shackelford know the joys of correct, ontrolled temperature thanks to this General Electric eating and winter air conditioning system.

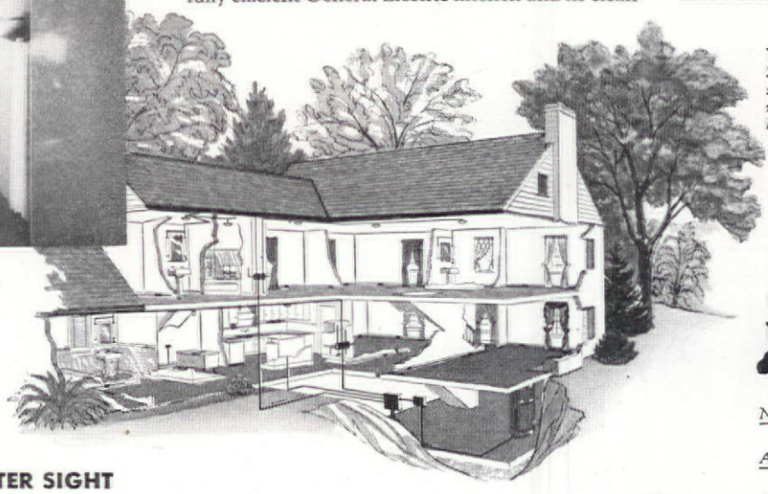
This "New American" Home is Light-Conditioned for Years to Come

WHETHER you plan to build or remodel, take a tip from Mr. and Mrs. F. W. Shackelford, owners of the home above. Ask your architect to specify modern G-E Home Wiring, which will enable you to light-condition your home for years to come, banish dim corners and lay the basis for cheerful, glare-free rooms. And right now, fill those empty sockets with Mazda lamps made by G-E—the kind that stay brighter longer.

You step into a new world, when you step into a General Electric equipped "New American" Home, with its well planned wiring, its delightfully efficient General Electric kitchen and its clean automatic heating and air-conditioning system. And such a home is within your means.

HELP FOR HOME OWNERS

Whether you are building or remodelling, come to headquarters with your electrical problems. The staff of experts in the General Electric Home Bureau will go over your blueprints without cost—give you authoritative information on the newest and best electrical installations and materials. The Home Bureau does not furnish plans, but will work closely with you and your architect, so that your home, too, may be truly "New American". If you could use help right now, write The General Electric Home Bureau, 570 Lexington Ave., N.Y.C.



The Home (Planned) Wiring System of the Shackelford house prevents costly voltage losses so frequent with ordinary wiring systems, eliminates blown fuses, provides adequate circuit breakers and conveniently placed switches.

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Get your copy of folder describing the "10 POINTS"—from Architecture to Electrification—that should be considered when building or modernizing a home. The folder also explains interesting HOME BUILDING CONTEST—costs you nothing, offers substantial cash awards! Write General Electric Home Bureau, 570 Lexington Ave., New York, N.Y. Be sure to give the name of your Electric Service Company.

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LOOK for the famous Imperial Green Shield, your assurance of supreme quality and enduring satisfaction.

When your home is furnished with Imperial Tables, you will entertain with the assurance and enjoyment that friendly eyes will admire your smart good taste. Furthermore, the beauty, charm, and convenience of Imperial's fashionable table creations will be a daily delight.

Imperial Tables, in wide variety of types and all popular styles, are priced at $9.95 to $500.00. For sale by leading furniture and department stores everywhere.

Send 10 cents for this richly illustrated book that relates the romance of authentic period tables, and in which many Imperials are reproduced. WRITE DEPT. A-4

IMPERIAL FURNITURE COMPANY
GRAND RAPIDS, MICHIGAN

Maximum comfort built in minimum space

[*Continued from page 27*]

Not to mention that the end is wired with light socket and extension for iron plug. Seats lift up for storage of galoshes and overshoes. The other end swings out to afford more space for bats and tennis rackets. The decorations are a little nautical, five-point stars and hemp rope supporting the lift-up table top. The whole thing can be moved into any apartment.

The very next evening I am rudely awakened from my radio snooze. There are demands for action. Actual construction is wanted—*now.*

Making a play on the fine mother instinct, I suggest feebly that maybe we could plan something nice for Junior's room. I suggest a storage cabinet for Junior's toys, books, and aviation appurtenances. Well, it was a swell idea. Junior certainly will not lack for plenty of elbow room, plenty of bookshelves, and plenty of nonscratchable table top for his clay modeling. I lay great stress on the settee under the window. It is strong enough for a couple of husky youngsters to sit upon, with shelf space and storage bin below, and room for gloves, games, and such things.

I wax enthusiastic. For only thirty cents I can buy a huge roll of extra heavy, galvanized radio aerial wire. For half a dollar more, the garage mechanic around the corner will spot-weld strands of this wire into a hanging rack for gayly colored flower pots.

Mama is sold. For good measure I will throw in plans for streamlined curtain rods made of suitable lengths of the wire. I suggest painting them with copper paint to match the existing color scheme in the room. Another bull's eye has been scored!

Chess pie

[*Continued from page 63*]

kill. Of course I would have tea. I consulted my little Black Book. The book contained notes on all my reading, tips from all my friends, notes that not only included what to see, but what to eat and where to get it. Thus there was Devonshire cream and Dorset dumplings, Derby sole, Ayelsbury ducks, Yorkshire pudding, Banbury tarts and—what was this last item? Oh, yes, *Salisbury Cheese Cakes.* Nothing would do but I must have a cheese cake. I tried a little pastry cook's across from the market square.

"But Madam, we're sold out cheese cakes. They're so popu Wouldn't a gooseberry tart o Bath bun do just as well?"

"Sorry, but I *do* want cheese cake."

"Finally I found it, but wasn't *cheese* at all, and it tainly wasn't cake. It was pi pie similar to the chess pie Alabama, only the sweetness relieved with lemon flavor. T it dawned on me that chess was a corrupted form of che pie. I remembered an 1830 c book someone had lent me—T Blue Grass Cook Book, compi by the good ladies of Kentuc who had contributed their tre ured family recipes. And I reme bered seeing an "English Che Pie" that had no cheese in though at the time I thought printer had made a mistake.

But I wasn't entirely satisf that I had solved my myste The pie I had had in New E land was full of nuts and raisi this was plain, almost transpare I consulted my waitress.

"Do you ever make cheese ca with raisins and nuts?"

"No, Madame, but I supp one could. We often use curran however." That was explanati enough. Our ingenious Americ housewives had taken the origi English recipe, had worked wi it, experimented with it, subs tuted local ingredients for i ported ones. Each had evolv something unique, an origi creation of her own. I thought I sat in that little English t room, surrounded by shelves blue and white china, looking o into a small but perfect gard where flowers bloomed in prof sion, how close we were to En land. All our roots were Engli —our culture, our civilizatio even our cooking. We have tak our themes from the moth country, and though we ha played upon them and evolve our own variations, they are st English!

I include here a list of the che pie recipes I have selected a tested from the numerous ones gathered. The pies are simple b require care in baking, for if t oven is too warm, the filling w surely burn. For this reason, it safer to make individual tart although this is not necessary. either case, the filling is poure into an unbaked pastry shell an placed in a hot oven set at 40 F. It is allowed to remain for fi minutes when the temperature reduced to 375° F. The pie is le to cook until the mixture set which should take from twenty t forty minutes depending on th size of the tart. Should the edg of the filling begin to brown to much before the center has "set, reduce the heat to 350° F. an place a clean piece of brow paper over the top. When the fil

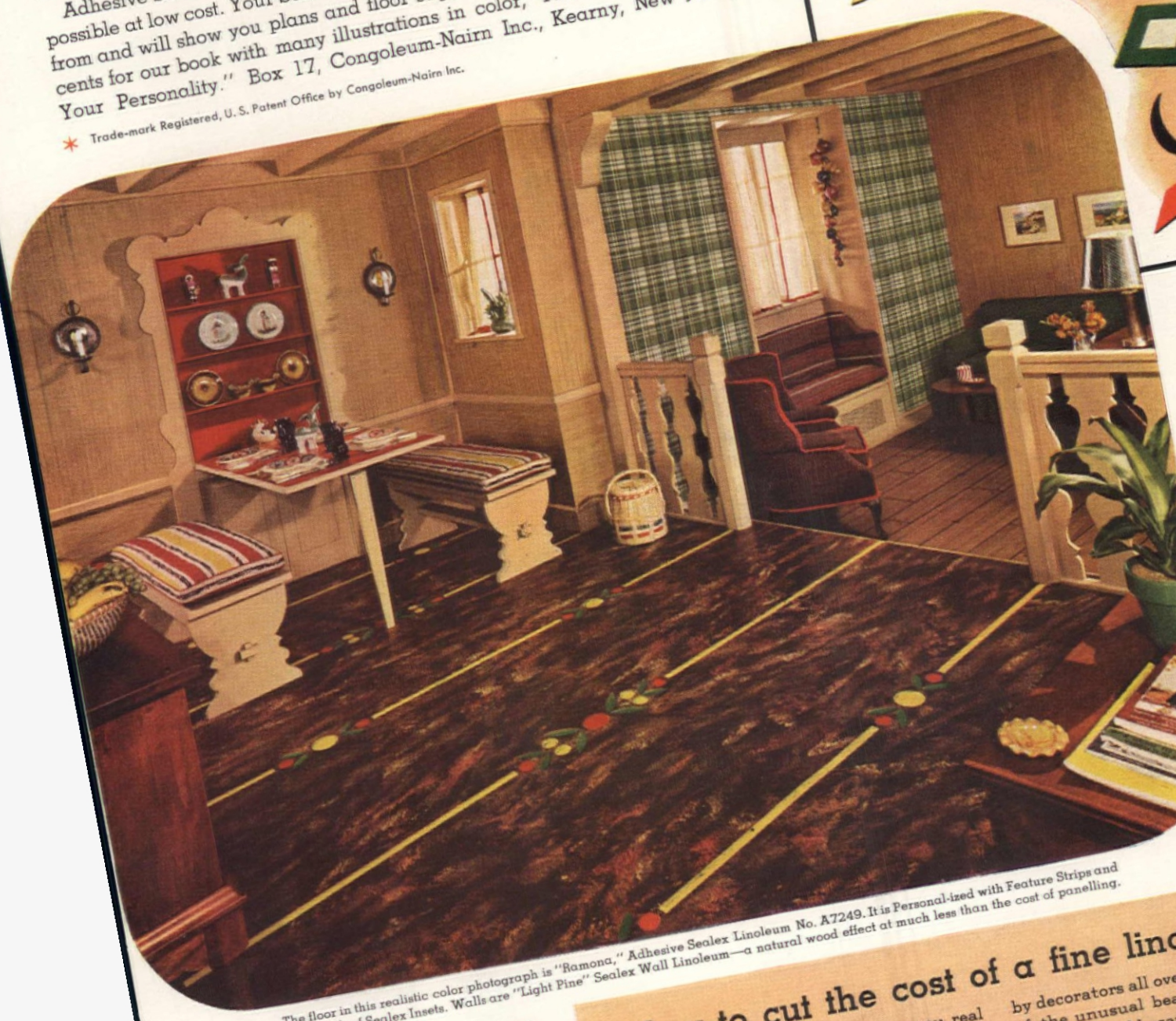
Rooms wake up and sing —with *Personal-ized** floors

When you step into this room you feel at once its informal gaiety. See how the clever Personal-ized Floor adds to this spirit. The bright Sealex Insets and contrasting Feature Strips give it charm and originality. Adhesive Sealex Linoleum and ready-cut Sealex Insets make these effects possible at low cost. Your Sealex dealer has scores of Sealex Insets to choose from and will show you plans and floor suggestions for any room. Send 10 cents for our book with many illustrations in color, "Match Your Rooms to Your Personality." Box 17, Congoleum-Nairn Inc., Kearny, New Jersey.

* Trade-mark Registered, U. S. Patent Office by Congoleum-Nairn Inc.

Ready-Cut Sealex Insets

Just a few of the great variety of inexpensive Sealex Insets! The colors of Sealex Insets are correlated with the hues of the Adhesive Sealex Linoleum patterns, assuring harmonious effects.



The floor in this realistic color photograph is "Ramona," Adhesive Sealex Linoleum No. A7249. It is Personal-ized with Feature Strips and disc and leaf Sealex Insets. Walls are "Light Pine" Sealex Wall Linoleum—a natural wood effect at much less than the cost of panelling.

ADHESIVE
SEALEX
TRADEMARK REGISTERED
LINOLEUM

How to cut the cost of a fine linoleum floor

Adhesive Sealex Linoleum saves you real money because it comes "ready-to-lay." The adhesive is right on the back, applied at the factory! This patented* improvement often reduces the installed cost of an inlaid floor as much as one-fifth.

Adhesive Sealex is the linoleum selected by decorators all over the country because of the unusual beauty of its colors and patterns. And because of its smooth, sanitary, dirt-resistant surface, you will find it easier to wax—easier to keep clean.

Before you select any linoleum, by all means see your Sealex dealer.

*Patent No. 1,970,503

ANOTHER SENSATIONAL CUT IN CURRENT COST!

1938 FRIGIDAIRE WITH NEW SILENT METER-MISER

brings Greatest Savings ever Known on..Current.. Food..Ice..Upkeep!

SAVE ALL 4 WAYS...

..or you may not Save at all!

1. **SAVE MORE ON CURRENT.** New Silent Meter-Miser saves up to 25% MORE! See lower operating cost *proved!*
2. **SAVE MORE ON FOOD.** Keep larger quantities *safer, fresher, longer!* Food-Safety Indicator on the door *proves* this!
3. **SAVE MORE ON ICE.** Actually make ice *cheaper* than you can buy it...freeze desserts at lower cost than ever! You see *proof!*
4. **SAVE MORE ON UPKEEP.** Longer, trouble-free life assured by New Thermo-Sealed Cabinet—New Silent Meter-Miser—5-Year Protection Plan on sealed-in mechanism, backed by GENERAL MOTORS!

• Think of it! Sensationally greater savings on current—food—ice—upkeep! *Proved* before your eyes—before you buy! That's what Frigidaire brings you with the revolutionary NEW SILENT METER-MISER. Make sure the refrigerator *you* buy saves in *all 4 of these ways.* Unless it does, it may actually *waste* your money!

For some refrigerators may cost little to run, yet fail to keep food safe or freeze enough ice in hot weather. Others may keep safe temperatures, but only at excessive operating cost. And still others may "eat up" so much in servicing and repairs that their puny savings in other ways are wiped out—completely!

So look out for the "hidden extravagance". Demand *proof* of greater savings in *all 4 ways.* You'll get this proof at your Frigidaire Dealer's 4-Way Saving Demonstration. Here you'll see, too, Frigidaire's NEWLY-STYLED 9-Way Adjustable Interior —NEW Moisture-Seal Hydrators—NEW Close Bar Sliding Shelves —and dozens of other NEW, EXCLUSIVE advantages!

You'll agree—no other refrigerator at *any* price, lower or higher, can *give* you so much and *save* you so much as Frigidaire! FRIGIDAIRE DIVISION, General Motors Sales Corporation, Dayton, Ohio.

NEW SILENT METER-MISER

Uses so little current—You can hardly hear it run!

Meet the Simplest Refrigerating Mechanism *Ever* Built! Saves up to 25% MORE on electricity than even the current-saving Meter-Miser of 1937! And *proves* its simplicity. So amazingly silent you can't doubt its ability to give long, economical, trouble-free service. Completely sealed! Automatically oiled and cooled! Comes with 5-Year Protection Plan backed by General Motors. Saves you more in *All 4 Ways*—and proves it!

New "DOUBLE-EASY" QUICKUBE TRAYS

—Only Frigidaire has them!

1 RELEASE CUBES INSTANTLY—SAVE 20% MORE ICE! Only one lever to lift, and cubes are released, 2 or a trayful! All-metal for faster freezing. Ends melting waste under faucet.

2 TRAYS COME FREE AT FINGER-TOUCH . . . with exclusive Frigidaire Automatic Tray Release. Every tray, in every model, is a NEW "Double-Easy" Quickube Tray! No other like it! See the Proof!

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The same high standards of quality and performance that distinguish Frigidaire Refrigerators are found in the new Frigidaire Electric Ranges and Water Heaters.

See your Frigidaire Dealer's 4-Way Saving Demonstration

ing is firm, the crust should be brown, and the pie done. All recipes given make one large pie or eight tiny ones.

Rich pie crust for chess pie

(All measurements level)
1½ cups flour
Pinch salt
2 to 4 tablespoons cool water
¼ cup shortening (not butter)
¼ cup butter

With knives, fork, or a pastry mixer, blend the flour, salt, and shortening until the mixture becomes crumbly—almost the consistency of cornmeal. Add water, a bit at a time, adding only enough so that the particles will adhere when pressed between the fingers. Roll dough thin, but not thin enough to fall apart when the pie filling is added. Pink the edges or press firmly around the pan with a fork. Bake according to directions given in paragraph above.

New England chess pie

½ cup butter
1 cup brown sugar
4 eggs
3 tablespoons granulated sugar
½ cup English Walnuts (chopped coarsely)
½ cup seedless raisins (or chopped seeded raisins)
Few grains salt

Cream butter and brown sugar. Add one whole egg and three egg yolks, well beaten. Mix well, then fold in nuts and raisins. Bake according to directions given, for 25 to 30 minutes or until mixture has set. Remove from oven. Top with meringue made by beating the three egg whites very stiff with the salt and granulated sugar. Return to oven and allow to brown. Serve warm or cold, but never hot.

Maple-pecan chess pie

1 cup maple or brown sugar
2 tablespoons butter
2 eggs, beaten
2 tablespoons flour
1 cup maple syrup
1½ cups pecans, coarsely chopped
Few grains salt

Cream butter and sugar. Add eggs, well beaten, flour, salt, and syrup. Add pecan meats. Mix well. Pour in unbaked crust and bake half hour in a moderate oven (350° F.). (See directions above.) Serve plain or top with sweetened whipped cream that has been flavored with vanilla.

Southern chess pie

1 cup butter
2 cups sugar
4 egg yolks, beaten
1 tablespoon cornmeal
2 tablespoons cream
4 egg whites, beaten
Few grains salt

Cream butter and sugar. Add beaten egg yolks, then add cornmeal mixed to a paste with cream. When well blended, fold in whites, beaten stiff, to which salt has been added. Pour in unbaked pie shell and bake according to directions given above.

Molasses-walnut chess pie

½ cup molasses
2 eggs, well beaten
1 cup dark brown sugar
1 tablespoon flour, blended with
2 tablespoons milk
1 teaspoon vanilla
Few grains salt
¾ cup black walnut meats coarsely chopped)

Mix together above ingredients, adding nuts last of all. Pour into unbaked pastry shell allowing pie to bake from a half hour to forty minutes in a moderate oven (350° F.), or until all the filling is firm with the exception of a small spot in the center. Serve with whipped cream as in maple-pecan recipe.

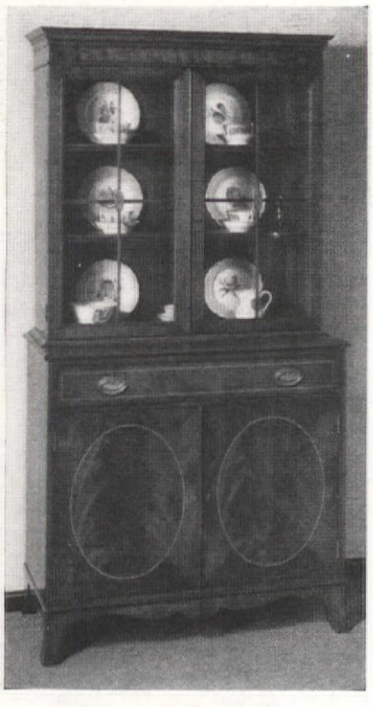
Good furniture

[*Continued from page 46*]

out by machine. They should then be cut by hand to bring out their character. On cheap work, the carvings are merely wire-brushed. It is here that the touch of the real artisan shows up. In inlay and marquetry, too, it is the hand of the expert that counts.

If leather is used on the piece, inquire if it is top-grain steer hide. If the leather is tooled, it should be done expertly by hand.

Even little things, such as the hardware, are earmarks of good furniture. Thin hardware, hardware that is out of proportion or out of keeping with the particular



A fine Sheraton reproduction is this cabinet from the Kaplan Furniture Company

WYNN RICHARDS

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SUCH LUXURIOUS SHEETS

saving you money!

WAMSUTTA sheets have been the choice of America's most particular housewives for five generations. Their reputation for luxurious loveliness has been handed down from mother to daughter since your great-great-grandmother was a girl.

But the Wamsutta *Supercale* of today is something more than "The Finest of Cottons." Made by Wamsutta's exclusive EQUI-TENSION process of yarn control, these sheets and pillow cases are firm as well as fine, and as strong as they are smooth. Scientific tests by laundry experts and hotel housekeepers have proved again and again that Wamsutta *Supercale* wears longer than other sheets. And, being lighter, it actually saves a sizable amount of money on laundry bills.

Best of all, you will love the cool and sleepy smoothness of Wamsutta *Supercale* . . . an exquisite difference from any other sheet that you can feel, instantly, with your eyes shut. It is this inimitable difference which still keeps the saying true that "There is only one Wamsutta."

WAMSUTTA MILLS • *Since 1846 — The Finest of Cottons* • NEW BEDFORD, MASS.

WAMSUTTA *Supercale* SHEETS
REG. U. S. PAT. OFF.

Send 20¢ for one of these dainty embroidered handkerchief cases
Regular value, 50¢

WAMSUTTA MILLS, New Bedford, Mass.
I enclose 20 cents for which please send me a 7 x 6¼-inch embroidered handkerchief case.
In Rose Pink ☐ In White ☐ In Blue ☐
Also a FREE copy of "How to Get Your Beauty Sleep," by Hollywood's famous Madame Sylvia.

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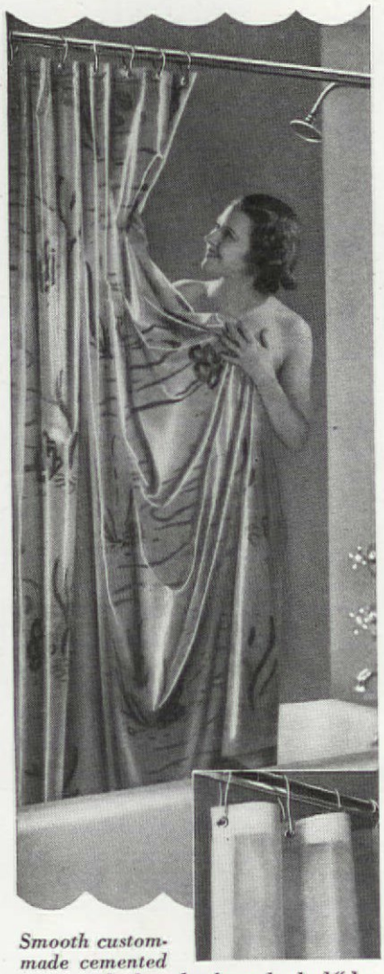
"Seascape" your shower
—SUCCESS IS INSTANTANEOUS!



Smooth custom-made cemented seams and edges, buckram-backed "decorator" heading—Kleinert's quality features

Nothing—absolutely nothing—can cheer up a bathroom as quickly as an exciting new *"Illusion" Shower Curtain!

In your favorite department store you'll find a wide choice of superb patterns and soft dusty pastels—all made of Kleinert's famous *"Illusion"—sheer silk waterproofed without rubber so it *can't* chip or peel—NOT an oiled silk!

Select the design that makes *your* pulse beat faster—they're *all* smart, decoratively speaking. Then order window curtains to match, and stand by for admiring applause!

Kleinert's
*T. M. REG. U. S. PAT. OFF.
SHOWER CURTAINS
485 FIFTH AVENUE, NEW YORK, N.Y.
TORONTO, CANADA · LONDON, ENG.

design of the piece—these are signs of careless or so-called pinch-penny manufacture.

The veneered tops of the pieces should be heat-resistant and alcohol-resistant. The advantages of this every woman knows.

From this you will gather that furniture is pretty much a question of hidden value. But isn't that all the more reason why you should know how to unmask it? A superficial examination made in haste or in a dimly lighted, crowded store is careless, wasteful buying. Fine furniture will not only please the eye, but can truthfully answer a definite "Yes" to all these questions!

Remodeling a jerry-built house

[*Continued from page 43*]

The addition of the new wing provided a well-located living room of ample size, a small lavatory, and a new stair; the former living room became a music room or general room. The sun room was converted into a vestibule and entrance hall providing immediate access to both music and living rooms and including a generous clothes closet lighted by an outside window. A simple Colonial fixture lights this hall, and the front door was equipped with a handsome brass lock and knob copied from one to be seen at Mount Vernon.

Inside the music room the dark chestnut and mahogany trim has been painted white and the walls, previously undecorated, are covered with a bright patterned wallpaper in the style of old Currier and Ives prints. The cracked plaster ceiling of this room and other rooms in the original house have been replaced with wide pine boards finished in a natural color. The ugly mantel of the original

fireplace has been discarded and its tapestry brick has been covered with random-width wood siding which covers the wall at this end of the room and forms a

JOHNS-MANVILLE DEALERS ANNOUNCE
A NEW KIND OF HOME SERVICE

Housing Guilds, organized in all principal towns and cities, now offer complete home service for remodeling and home building

Everyone who owns a home at present or plans to build one will be interested in this announcement. For now, through the organization of the National Housing Guild, you can obtain any building job, from a small repair to a complete new home, almost as easily and conveniently as buying an automobile.

Today you get complete service and *all* the help you want from one source—your local Housing Guild with headquarters at the office and display room of the Johns-Manville dealer in your community, an established organization.

Take the question of financing, for example. The Guild not only tells you everything you want to know about the modern F.H.A. loans, but actually arranges a source of financing for all kinds of building jobs.

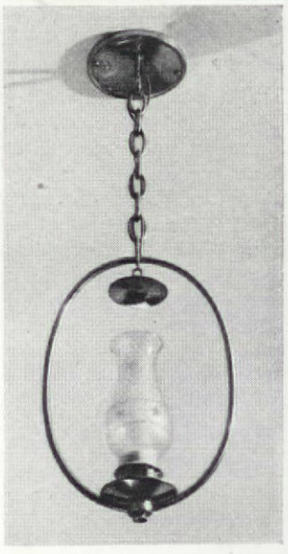
And the Housing Guild is just as helpful on every other building problem, large or small—for it embraces *everybody* who can help you—architects, contractors, financing agencies, building-material manufacturers and dealers—all operating through one central headquarters.

Building or remodeling, remember you don't have to deal with each individual involved. Simply call your local Housing Guild dealer, and he, in co-operation with local contractors and architects, will arrange every detail of the job for you—with one price and with identified responsibility. Look for the Guild insignia.

NATIONAL HOUSING GUILD
Sponsored by Johns-Manville
See opposite page

frame for the adjacent door and bookcase. At the center of the room, proudly placed against the wall where the front door used to be, and where winter drafts blew in whenever the door was opened, is a grand piano.

The dining room now finds itself



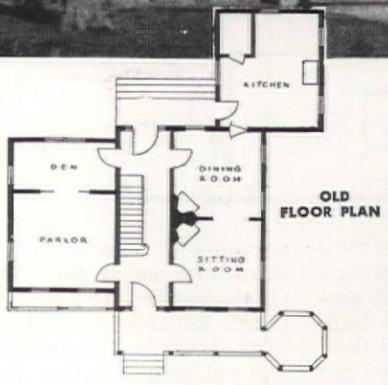
strategically located between living room and music room; its walls are covered with a cheerful patterned paper and the entrance into the living room replaces the former side window. The living room has been well designed as a broad, capacious room lending itself better to attractive furniture arrangements than the typical long, narrow room. The flooring is of random width oak, pegged and waxed to a dark luster. The windows are on the south and the southeast sides, overlooking the

The kitchen was modernized with well-arranged sectional cabinets

garden and lighting the room most of the day. A door gives on to the terrace and a wide, stationery window in the center of the room frames the changing scene in the garden outside. The room has been wainscoted in pine paneling; at one end, random pine siding has been carried to the ceiling on either side of the paneled fireplace. A two-hundred-year-old mantel of exceptionally fine design frames the opening; it is of

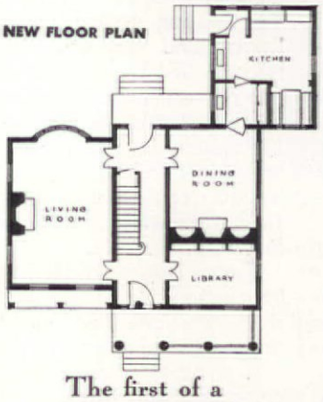
INCREASING *The Face Value* OF YOUR HOUSE

by Crawford Heath



OLD FLOOR PLAN

NEW FLOOR PLAN



The first of a series of articles on home remodeling sponsored by Johns-Manville

THE years have been kind to our forbears' lawns and trees and gardens, but cruel to their houses. The ancient stoop, favorite after-Sunday-dinner retreat of the family, has now lost social caste. The weathered porte-cochere offers forlorn contrast to the streamlined car beneath it. Paint-encrusted gimcracks and pinnacles, towers and turrets tell of days long since outmoded.

Yet, when we turn our back on the old place and skim the community for a new homesite, we soon discover that, as in other things, location is a matter of first come, first served. The opportunity is rare when a virgin site provides the landscaped beauty of our house of yesterday.

Discouraged at the prospect of an inconvenient or costly lot, we turn back half-heartedly. Sure it takes imagination to erase the Victorian gingerbread and mentally strip our old house of its ungainly appendages. But underneath, is usually a sturdy, entirely adaptable structure.

Modernized, it offers far more in livability, size and intrinsic charm than many a new house, and its resale can be multiplied many times.

Is the cost of such an operation prohibitive? Is it complicated, entailing almost insurmountable difficulties? Is it hard to finance? The answer to all three questions is "NO."

THE "new" old house shown above is a happy example of what can be done with a seemingly impossible situation—and with little actual reconstruction. (See the accompanying floor plans. Note how the improved room arrangement eliminates wasted floor space.)

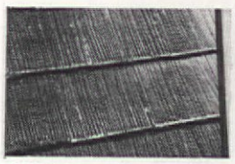
Among the many commendable features is the treatment of outside walls and roof. By using J-M Cedargrain Asbestos Shingles on sidewalls and a J-M Asbestos Roof, this owner not only made a vast improvement in the appearance of the house, but also assured himself against the hazards of weather and fire. For J-M Asbestos Shingles, while fully as charming as fine weathered-wood shingles, are fireproof and will not rot or wear out.

At the same time, this house was made *thoroughly* modern by insulating with J-M Home Insulation, thereby making it cooler in summer, warmer in winter with substantial fuel savings.

A wonderful new 60-page book, Johns-Manville's "Home Idea Book," helped the owner at every step. It gave him many ideas, saved him many mistakes—*and much money*. And builders of new houses will find the book just as valuable.

It contains pictures of interesting houses with floor plans; an article on color; stimulating ideas for all kinds of remodeling; tells how to finance new houses or improvements. Mail coupon.

This Housing Guild Seal identifies Building Headquarters in your town. (See opposite page.)



J-M Asbestos Roofing Shingles for a "lifetime" roof; fireproof; won't wear out.

J-M Home Insulation for year-round comfort; cuts fuel bills up to 30%.

J-M Asbestos Siding Shingles; charm of weathered wood; but fire-, weather-, wear-proof.

WIN $10,000

(or one of 109 other prizes)

In J-M's "Better Homes for a Better America" Contest

1st Prize	$10,000	4th Prize	$500	7 to 10th Prizes	$25
2nd Prize	2,500	5th Prize	100	50 Prizes	10
3rd Prize	1,000	6th Prize	50	50 Prizes	5

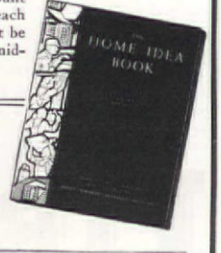
IN an attempt to help perpetuate and encourage the institution of the American home, Johns-Manville will award cash prizes totaling $15,000 for the 110 best letters of not over 250 words each on the subject, "What the word HOME means to me, and the three most helpful ideas I got from the 'Home Idea Book' to make my home a better place in which to live."

Further contest details in your copy of J-M "Home Idea Book."

Impartial judges will award prizes for the best letters on the basis of ideas selected, originality and practical judgment used. In the event of a tie, the full amount of the prize will be awarded to each tying contestant. Entries must be postmarked not later than midnight, July 20, 1938.

SEND FOR "HOME IDEA BOOK"

It contains dozens of stimulating ideas you will find helpful. 60 pages. Profusely illustrated. Send 10¢ for handling and postage.



Johns-Manville, Dept. AH-4, 22 East 40th Street, N. Y. C. Send me the "Home Idea Book." I enclose 10¢ in stamps or coin to cover handling and postage. I am considering remodeling ☐; building ☐. I am interested in Home Insulation ☐; Insulating Boards for extra rooms ☐; Asbestos Shingle roof ☐; Cedargrain Asbestos Siding Shingles ☐.

Name_____

Address

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1 INSULATION 2 ATTRACTIVE INTERIOR FINISH

At the Cost of Insulation Alone

FIR-TEX gives you double your money's worth, by doing two jobs at the cost of one.

Fir-Tex, the modern dual-purpose insulating board, does these 2 things: (1) Takes the place of ordinary structural materials; (2) Gives you the finest insulation money can buy.

One of the many double-duty uses of Fir-Tex is for interior finish *plus* insulation.

For Double Value, Use Fir-Tex These 3 Ways

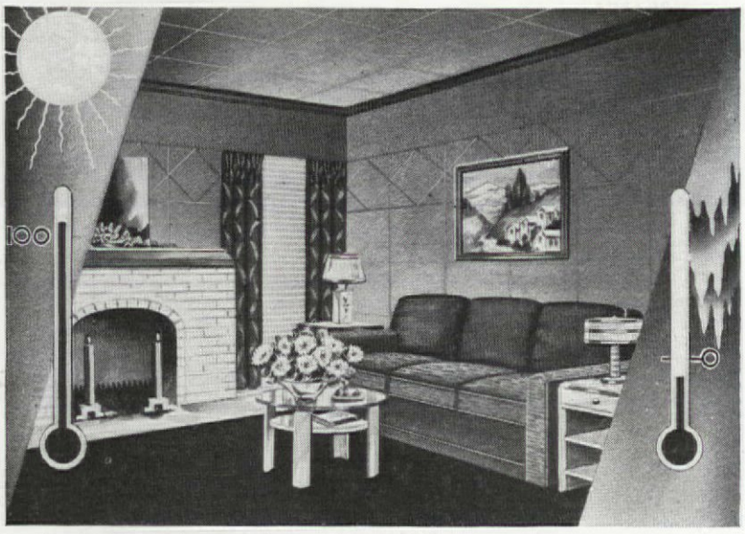
A *Interior Finish* Plus *Super Insulation:* The Fir-Tex Ivrykote board has a beautiful mottled ivory surface. Smooth and washable. Use Ivrykote to finish rooms in any part of the house—living room, dining room, bedroom, recreation room, or to make an extra bedroom in the attic. If desired, Ivrykote may be kalsomined or painted without further sizing. Provides insulation continuity of walls and ceiling.

B *Plaster-base* plus *Super Insulation:* The modern way to prepare walls for plaster is to use Fir-Tex Insulating Lath. The Insulating Lath is nailed directly to the studding. Eliminates plaster wastage, which is common with ordinary lath. Lath marks are unknown. Fir-Tex Insulating Lath gives you a smooth, crack-resisting job. Seals the room from top to bottom.

C *Outer Sheathing* plus *Super Insulation:* Fir-Tex Firkote Sheathing takes the place of wood sheathing and building paper. Has a glazed surface; clean to handle. Is waterproofed throughout. May be sawed and nailed without breaking any seal. Has greater bracing strength than lumber. Wind-proof, dustproof. Encloses house with an unbroken area of insulation.

Clean, White Wood Fibres

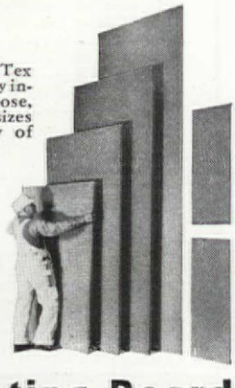
Fir-Tex is made from clean, white natural fibres of sound wood. These fibres are sterilized, "felted", and pressed into rigid boards. Waterproofed throughout; vermin-proof; fire-retardent.



In this room Fir-Tex both beautifies and insulates. The walls are of the popular new Fir-Tex Ivrykote—the super-insulating board with the attractive mottled ivory surface. Fir-Tex makes the room more confortable in summer and winter by providing a barricade against outside temperatures. Fir-Tex also stops outside noises.

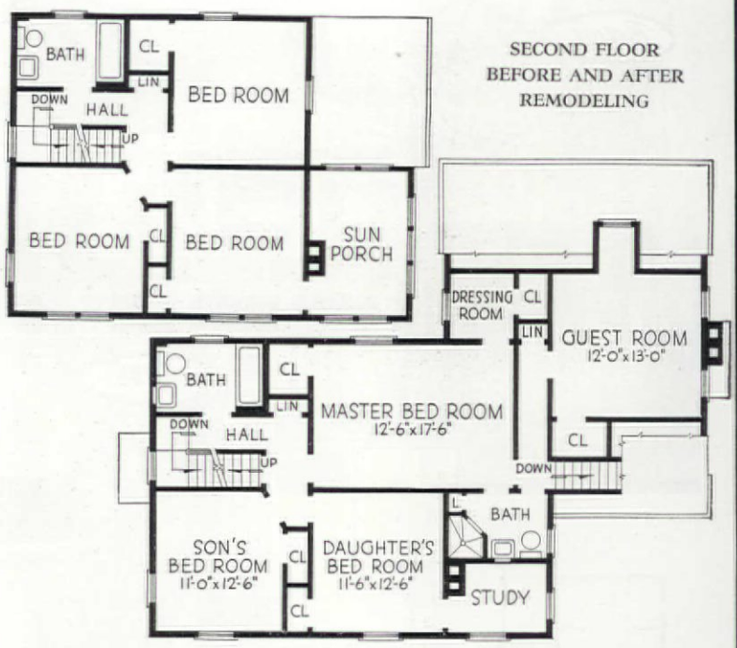
Buy Fir-Tex at your building materials dealer. Send for beautifully illustrated book, "Double Value for Your Insulation Dollar." Dant & Russell, Inc., National Distributors, Porter Building, Portland, Oregon.

There is a Fir-Tex board for every insulating purpose, in standard sizes and a variety of finishes.



FIR-TEX

The Double-Duty Insulating Board



pine richly carved in sunburst designs and has fluted supporting columns. An open stair with simple pine rail and balusters leads to bedrooms on the second floor. The remaining walls of the room are covered with an all-over pattern in a modern white design on a chocolate background; the ceiling is painted an oyster white. The room has been furnished with a feeling for space and with excellent and comfortable pieces. Portraits of the children of the house add rich color to the fireplace wall.

On the upper floor the master bedroom has been enlarged to include an adjoining dressing room and blue tile bath; the new wing contains a guest bedroom with an interestingly irregular ceiling. The kitchen has been enlarged by the removal of a closet and efficiently fitted with metal and linoleum. On the first floor of the house, exposed radiators have been replaced by grilles for air conditioning and on the second floor by concealed convector radiators. The heating system has proved flexible and very economical; it is controlled by two thermostats, one on each floor. The kitchen is not included in the air conditioning system because of the possibility of circulating odors, but it has an electric ventilating fan on the outside wall capable of changing the air quickly.

The remodeling of the house has been completely successful because it has converted an unattractive and badly planned house which was a dubious investment into a charming home of real value.

One year's home accident toll!

[*Continued from page 40*]

folks grasp a bottle in the dark, they can't miss the warning. The rubber bands are right there in their grip.

Maybe you won't believe it, but the yearly child death toll from firearms is 150. It really isn't good housekeeping to have loaded firearms in the house, or to keep loaded revolvers in unlocked bureau drawers, as so many householders do. Children will be children, and bureau drawers have ever been treasure trove for little hands. What householders should do is to teach children early to handle fireams, and drive home the lesson of carefulness. No child who has had such instruction is ever going to look down the barrel of a revolver or point one at another person.

Most persons who are injured by knives or tools are injured because they do not look ahead. The skilled axman, realizing that some time the ax is certain to glance, takes a proper stance, so that when the ax does glance, the blade swings harmlessly between his legs or on one side of him. In similar fashion, wrenches will slip. Where is your hand going to be when it does slip? Jammed up somewhere, with half the skin torn off? And that paring knife or carving knife—when it slips and makes an ugly dart, is it going to leap toward you or away from you? It is merely a matter of forethought. Which way do you point a knife when you use it to pry open a tin-capped glass jar or bottle?

Forethought also determines whether little hands shall grasp the handles of pots full of boiling liquids. Mother grasps a pot handle and stirs the boiling contents of the pot. She leaves the

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handle sticking over the edge of the stove, and steps out on the back porch. In the twinkling of an eye little Susie grabs that handle with results too horrible to describe. Had the handle been turned the other way, Little Susie couldn't have reached it.

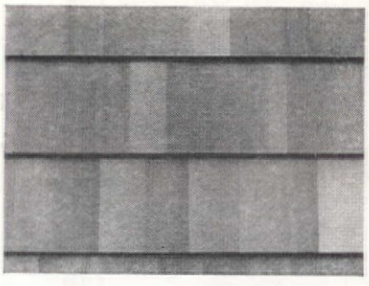
Then there's electricity. Here's an item from a recent newspaper: "Mrs. J.... H..... was electrocuted early today at her home. She was reading in a bath tub, on the edge of which was a portable electric light stand. The light fell into the tub, the electric current charging the water. Her husband found her body upon his return home." Or, sometimes a thoughtless bather stands in a tub of water and reaches for an electric light pull. Water is a wonderful conductor of electricity. Don't ever touch any electric appliance when your hands are wet. Don't take electric appliances into the bathroom. Don't have any switches that can be reached by a bather in the tub. Teach your children to make sure their hands are dry before they touch electric switches or appliances.

Be just as careful about open fireplaces, smoking in bed—and kerosene lamps (there are millions of them still in use in America). Keep a tight screen in front of your fireplace. Don't permit anybody to smoke in bed. Exercise the utmost care in placing kerosene lamps. Never leave such lamps, or oil heaters, or oil stoves burning when you go away from the house. Man has not yet invented the appliance which will never get out of order. Also, use none but safety matches in your home.

Similar precautions should be used with gas stoves, gas heaters, and other gas-burning appliances. Where rubber tubes convey the gas, be doubly careful. It is so easy for old tubes to crack or fall off. Don't asphyxiate your family because you were thoughtless. Similarly, use care in handling the cellar furnace. Improper handling of dampers may fill your home with gases that snuff out life while the family sleeps.

Common sense would prevent the hundreds of painful and even tragic falls that come from standing on old chairs, rickety step ladders, wobbly boxes, and other dangerous objects used for climbing up. Play safe. Burn this fact into your consciousness: "Accidents don't happen; they are caused." Once convinced of that fact, you will no longer have accidents in your home. You won't cause them, and you won't allow others to cause them. Think of what the home accident rate would be if each housewife saw to it that no one caused any accidents in *her* home. Home would then be "home, sweet home—" and without the inevitable "but."

IT requires several imitation shingle roofs to last as long as one of *genuine* Cedar Shingles. Impregnated with its own natural preservative oil, a genuine Cedar Shingle never rots and because it is 100% all Cedar wood (not composition) will not evaporate or disintegrate by the action of hail, rain, snow, frost or heat. A Cedar Shingle roof is weather-resistant.



The New Vogue for Exterior Walls

This charming and substantial vogue for exterior walls is accomplished by laying one layer of number one grade Cedar Shingles over a layer of the number two or three grade. The cost is very little more than for one layer because a greater surface of the shingle is exposed to the weather.

The ultimate result is beautiful deep shadow lines, twice as much insulation, more substantial walls and a *better* home. Works like magic for re-styling and over-walling.

This wonderful *natural* product has unusual insulating qualities . . . protects against heat losses in winter and heat penetration in summer.

Lovely color stains and thick butts give style and ever-present delightful appearance.

Decide today to consult your architect and lumber dealer about Certigrade Cedar Shingles for the new home or for over-roofing or over-walling . . . you'll find that Certigrades are officially inspected for grade and quality, and endorsed by experienced and responsible experts everywhere.

For more detailed facts write the Red Cedar Shingle Bureau, Seattle, Wash., U. S. A., or Vancouver, B. C., Canada.

The F.H.A. Offers Home Purchasers Protective Features Tending to Safeguard Investment.

CERTIGRADE
Red Cedar CERTIGRADE Red Cedar SHINGLES ON ALL GRADES *Shingles*

GENUINE CEDAR NOT IMITATION

Certigrades pass official inspection for grade and quality

Sold only by established lumber dealers

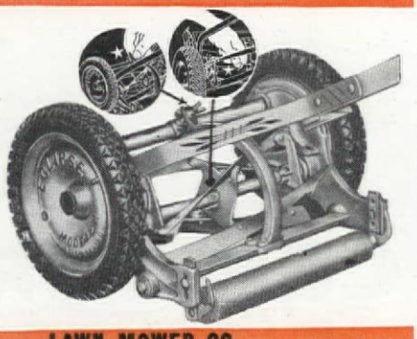
WINGED PERFORMANCE

● Effortless, motorized mowing is within the reach of every family with this proven Eclipse-Built Rocket Power Lawn Mower. Not a motor driven hand unit. Winged performance on Goodyear Semi-Pneumatic Tires—20″ cut—Timken Bearings—Self-Sharpening—Briggs & Stratton 4-Cycle Engine. Own one this season and enjoy the modernized advantages of lawn maintenance with power.

Eclipse FOR PROFESSIONAL SERVICE

● Eclipse Power Mowers modernized to the highest degree for the 1938 mowing season. Both wheel and roller type—20″ to 90″ cut—all roll on rubber—built to stand continuous service. Priced from **$165.00** to **$535.00** F.O.B. factory. Demonstrations arranged.

Eclipse THE MOWER OF MODERN CONVENIENCES



★ Finger Tip Adjustment
★ Automatic Sharpening
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ECLIPSE . . the mower for cutting expenses. You save all yearly mower expense by owning an Eclipse with these exclusive patented features. Be sure yours is a genuine Eclipse for 1938!

Mail THIS Eclipse LAWN MOWER CO. PROPHETSTOWN, ILL.

SEND INFORMATION ON—
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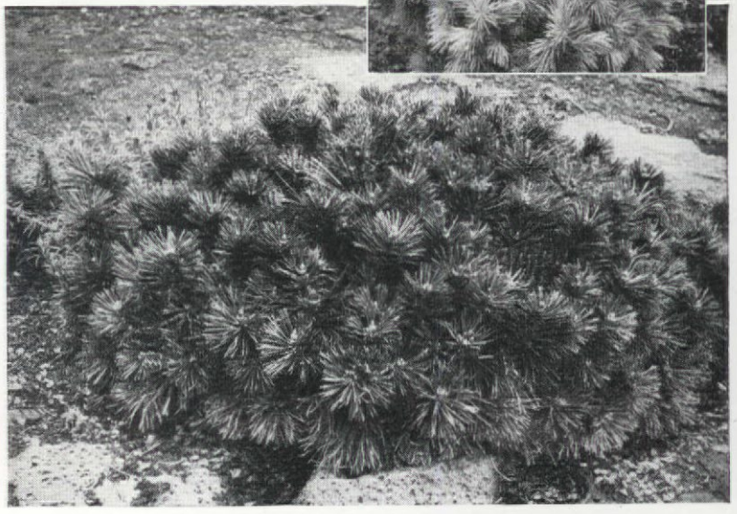
One of many interesting forms of hartstongue (see page 21)

Good Things for Rock Gardens

JAMES NEEMAN

ONE DOES not often see ferns in the rock garden, yet they can be invaluable, not only for their own distinctive merits, but also for planting in shady spots where no flowering plants will condescend to thrive. And of course, there are others for sunny exposures. I was surprised to discover dwarf ferns growing right on the rocks and in full sun in the bottom of the Grand Canyon—a hot, dry place indeed.

The hartstongue fern



Two styles in dwarf conifers. Right, a conical spruce; below, a 12-year Mugho pine

SANI-FLUSH is a scientific powder—made to end toilet-scrubbing. It cannot injure plumbing connections. It is easy to use. Just sprinkle a little in the bowl. (Follow directions on the can.) Flush the toilet—and that's all!

SANI-FLUSH purifies the bowl *and* the hidden trap that no other method can reach. It kills germs and banishes the cause of toilet odors. The toilet gleams like new. SANI-FLUSH is also effective for cleaning automobile radiators (directions on can). Sold by grocery, drug, hardware, and five-and-ten-cent stores. 25c and 10c sizes. The Hygienic Products Co., Canton, Ohio.

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CLEANS TOILET BOWLS WITHOUT SCOURING

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Please send my free photographs of homes.

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(Scolpendrium vulgare) should be in every garden; its fronds are like shining, brown leather straps. It needs a sheltered nook and a soil of one-third clay loam, one-third sand, one-third peat, and a handful or two of crushed limestone. It should be mulched with leaf-mold in the fall.

The Mugho pine is the most reasonable evergreen for the rock garden. One can sometimes get crooked dwarf forms at special prices that are just what the rockery needs to enhance its charms with a touch of the exotic; both this pine and the cutleaf maple suggest Japan. Odd, stunted, gnarled shapes seem to bring romance into a rock garden. Another fine evergreen in such surroundings is the conical, upright spruce (*Picea excelsa conica*). Very slow growing and higher priced than the preceding, it is worth every cent it costs. Give it a peaty soil.

Often we need a plant for a flagstone path. One of the best and a new, vigorous addition is Cotula squalida. It looks like a miniature fern, an inch and a half high, and makes thick mats of green luxuriance over which one can softly tread. It spreads quickly but can be controlled and never becomes a nuisance.

Arenaria balearica is an old rock garden plant, a creeper that makes a delicate mantle of green in any shady corner. It climbs rocks and, where moisture is ample, soon covers them. It, in turn, becomes covered in spring with a profusion of white stars.

ROCK GARDENS GO NATIVE

Charles H. Chesley

OF MORE than fifty native plants tried out in the rock garden, a number that have been selected as outstanding are natives of the eastern section of the country. Most of them are offered by nurserymen and if a few of the rarer ones prove difficult to get, some one can usually be found who will furnish them, either for sale or exchange. Their points of value are hardiness, ornamental value when out of bloom, and ability to live and thrive in full sunlight. Many plants of our woodlands are good subjects, but require conditions closely resembling those of their natural home; those listed here we provide with as congenial a soil as possible, but we do not give them shade or excessive moisture. Indeed, some are well adapted to dry soils. In choosing them a full season of bloom has been kept in mind, but it is rather difficult to find really good natives for the last of the season. There are plenty that bloom in May and June.

Starting the season is the well-known Hepatica tribola. In its native home, this is found in rich moist woodlands. Give it a rich

Newest Note in Home Heating

the DELCO CONDITIONAIR

Product of GENERAL MOTORS

The Delco Conditionair gives your family the healthful benefits of winter or year 'round air conditioning with this completely engineered unit.

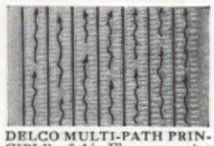
The DELCO CONDITIONAIR —single simple system automatically heats, humidifies, filters and circulates healthful air through every room

THIS remarkable development of General Motors is extremely economical and efficient. It burns either oil or gas. With oil, the famous Delco Oil Burner with the Rotopower unit and the Thin-Mix Fuel Control wrings the last calorie of heat from every drop. With gas, the fast heating, radiant, Luminous Flame offers equal economical advantages.

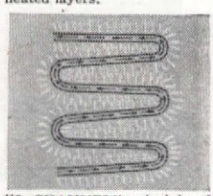
The Delco Conditionair provides all the functions of winter *air conditioning*—and you can add summer *cooling* at any time in the future by making provision now...a *plus advantage!*

If you are building a new home—or if your present heating system lacks modern air conditioning facilities, the Delco Conditionair adds value to your home, and protects it against early obsolescence.

Delco-Frigidaire also offers other automatic heating and air conditioning products including oil burners, automatic steam or hot water furnaces, and water heaters. Send coupon today.



DELCO MULTI-PATH PRINCIPLE of Air Flow promotes greater economy by dividing the air into seven thin, quickly heated layers.



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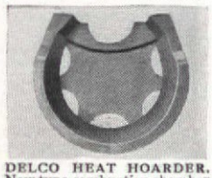

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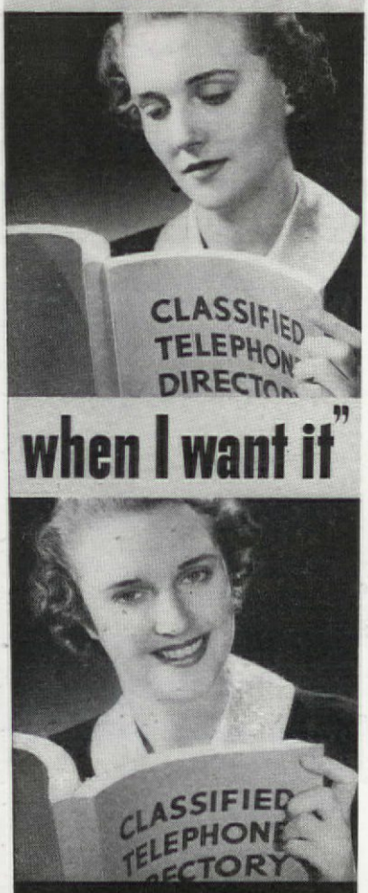

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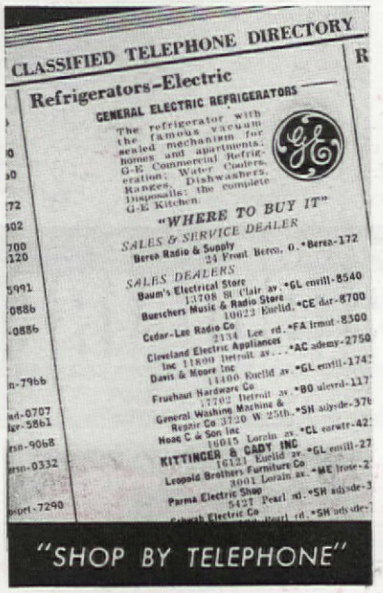

pocket in the rockery in full sun and it will reward with great mats of leaves that have ornamental value all season. In a particularly good stand, several plants were set in a cluster a number of years ago. New plants have appeared at the edges and hundreds of flowers show each year. While this particular cluster bears pure white flowers, some of the hepaticas are decidedly pink, or even purple, in the open; transplanted to the garden, they usually lose most of the color. The Hepatica is hardy in any well-drained soil but a light covering of leaves helps to carry them over the winter without injury. The buds form in the fall among the evergreen leaves and shoot up at the first peep of spring.

Coming a few days after hepatica are the trilliums. The only Eastern species thus far found to thrive and increase is the purple-flowered Trillium erectum. However, it is objectionable and not suitable for cutting because of its ill-scented feature. However, it will thrive and increase under cultivation, sending up the flowers on foot-long stalks, that are followed by the leaves, and later the seed pods. The large-flowered snow trillium (T. grandiflorum), has not been found satisfactory for open situations.

Bloodroot is a companion flower for the purple trillium. It blossoms about the same time, and the roots of the two do not conflict if planted close together. It sends up a large leaf and, overnight, a pure white flower which blossoms for but a day. A good cluster will send up a lot of flowers; then the leaves grow larger until July, when everything disappears until another spring. Meanwhile, the roots are shooting out in every direction, so that one may grow into a half-dozen flowering roots the next year. The seedpods appear in June. If you harvest the seeds and plant them immediately, you will have blooming plants the second year.

Both of the troutlilies—Erythronium americum, the yellow sort and E. albidum, the white-flowering kind, should be grown along with the bloodroot and the purple trillium. They require the same treatment and blossom about the same time. In planting them, try to get old plants, as the seedlings, so easily obtained during May and June, are slow in flowering.

A number of the saxifrages are among the most prized of rock garden plants but several of the rarer alpine forms require special treatment. Common along the Atlantic seaboard, Saxifraga virginiensis is one of the best early natives for cracks and hollows among the rocks where there is but little soil. It comes up quickly in the spring, and, under cultivation, often grows a foot tall with flowers as good as those of some of the rarer cultivated hybrids. A relative is Tiarella cordifolia, often known as foam-flower which, in the rock garden, continues in bloom two weeks or more. The flowers are followed by tufts of seeds and bunches of green leaves which last all summer.

The common wild ginger (*Asarum canadense*) has been condemned by some because it spreads rapidly. True, the roots are inclined to get out of bounds, yet it is not difficult to curb them when taken in time. Its flowers are not sufficiently noticeable to make the plant worth while, but the leaves form a handsome cluster all through the season. Two evergreen species native to the mountains of Virginia and Tennessee, are sufficiently hardy for planting even in the North, but they do not spread as rapidly as the Northern kind. They are A. virginicum and A. grandiflorum and both can be purchased from nurserymen.

Clumps of may-apple or mandrake (*Podophyllum peltatum*) make excellent rock garden subjects, taking kindly to cultivation. Their value is not alone in the flowers which are followed by bright fruits in midsummer, but in the large leaves which come up quite early.

A little plant which makes a fine clump for June blooming is the wood betony (*Pedicularis canadensis*). With flower stalks growing a foot tall, it makes a fine show of yellow and reddish tones. But it practically disappears in late summer and must be replaced by something else. The fringed polygala (Polygala paucifolia), a dainty woodland beauty of springtime, grows well when moved to the rock garden and scattered among other plants so as to send up its purple curiously shaped flowers on six-inch stems here and there.

Two plants of the lily family, Smilacina stellata and a sister species with larger recemes of bloom, are worth planting in the sunlight of the open rockery. The spring flowers are followed by berries which extend its usefulness well into summer.

Only one of the native violets has been found at home in the sunny rock garden. Viola pubescens, which has pretty yellow flowers on eight-inch stems, not only holds its own there but seeds itself freely.

One of the finest rock garden plants of the East is the white-flowered evergreen fivefinger (Potentilla tridentata). Growing naturally on dry hillsides and ledges, it is for a month or more in midsummer a mass of small white flowers, while the leaves turn red after frost and remain so all winter. Increasing rapidly

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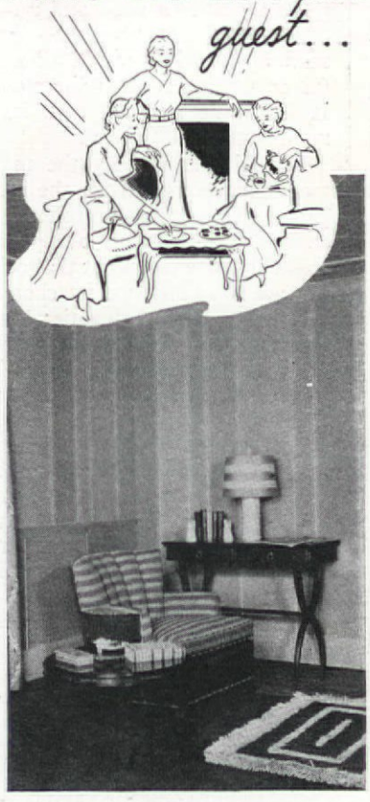

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under cultivation it will grow anywhere. Senecio antennariifolius from the southern mountains will also grow well in Northern gardens, though slight protection is necessary.

A wild plant that makes a handsome clump is Zizia aurea, locally known as golden Alexander. Growing from one to two feet tall, it has vivid golden flowers and smooth shining leaves that are ornamental long after the flowers have faded.

As the summer fades, two wild asters will furnish rock garden beauty. Aster linariifolius, a low, purple flowered species growing commonly in dry soil, is right at home in a sunny spot, usually starting to bloom in August. The latest of all is A. ericoides, the heath aster, which will remain in flower well into November. A. vemineus, another white-flowered kind, can be kept low enough for the rock garden by cutting back the stems in August; they will grow up and furnish a lot of flowers in October. Though many people do not like the goldenrods, one kind suitable for the rock garden is Solidago caesia. It seldom grows more than two feet tall and on a straggling bunch of stems bears small clusters of light yellow flowers. The pearly everlasting (Anaphalis margaritacea) is a plant of late summer with white woolly leaves and clusters of white flowers that dry and keep perfectly. It responds finely to cultivation and makes fine large clusters. There are several other nearly-related plants known as everlastings which can be used in the garden, but this is the best for the rock garden.

Historical blue Staffordshire

[*Continued from page 32*]

nesses and streets and buildings which people visited from every region, while Boston and Philadelphia, venerable even then, were already known the world over. ourist. At the same time crowds were greeting the aged Lafayette at the Battery as he landed from the Cadmus, and were showing him gratefully, and maybe boastfully, what liberty had done for them. Between Virginia and Maryland the new capital, Washington, was being raised miraculously from mosquito-laden marshes, and was nearly enough of a city so that all Americans were proudly conscious of the dignity of its classic buildings. New historical symbols began to appear, such as Mount Vernon after the death of Washington, and the nation as a whole began to reverence the signs of the things they had fought for. Balancing this patriotism was vigorous intellectual activity.

Lovers of this ware will find authentic pieces priced as low as $7.50. A few of these might decorate a corner cupboard or inspire a collection, and more expensive pieces may be added. W. H. Plummer Co.

Activity was everywhere: steamships plied the Hudson, new towns like Troy grew up in the north, and the Mohawk and Hudson Railroad headed its tiny rails westward out of Albany toward Schenectady.

Meanwhile, the Erie Canal had been stretched clear across New York State from the Hudson to Lake Erie, opening vast regions for development and bringing the fabulous falls of Niagara within traveling distance for the casual

However, all this expansive growth meant concentration on building and little on actual creation or production. England, or-

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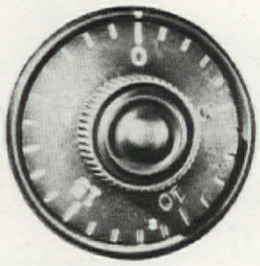

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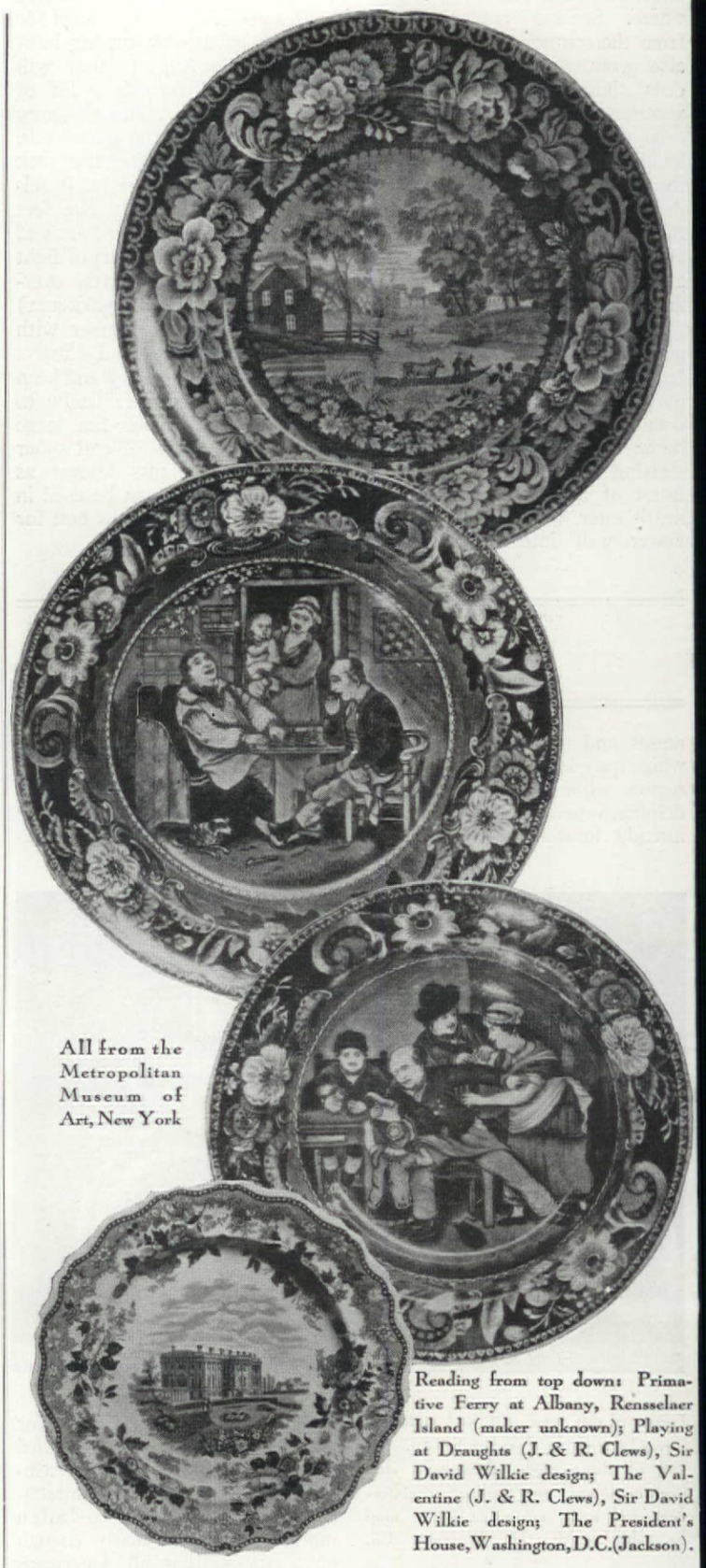

All from the Metropolitan Museum of Art, New York

Reading from top down: Primative Ferry at Albany, Rensselaer Island (maker unknown); Playing at Draughts (J. & R. Clews), Sir David Wilkie design; The Valentine (J. & R. Clews), Sir David Wilkie design; The President's House, Washington, D.C. (Jackson).

ganized and productive, furnished the many things America was unable to supply for herself. Among them was the new cheap pottery of Staffordshire, which was obviously more practical and more decorative than the pewter and red earthenware and woodenware that had hitherto furnished the tables of the less rich. In their own domestic market the English potters of Staffordshire had increased the success of their wares after 1800 by introducing English scenes on them. With equal astuteness they did the same in America by keeping in touch with American affairs and copying the latest prints and engravings of American views and happenings.

Competition for the American market was great, and scruples among the potters about using a competitor's subject were not always observed. Each maker, however, used a distinctive border design, and it is from this that identification, where possible, is made. The ware itself is common white earthenware. The design

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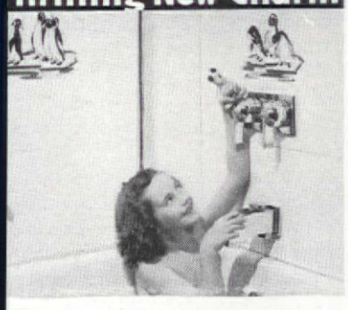

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was applied by pressing against the unglazed body a piece of tissue on which the design had been printed by a copper plate engraving, thus "transferring" it to the ware. This decorating method was perfected by the Liverpool firm of Sadler & Green in the 1750's. It revolutionized the pottery industry after Wedgwood adopted it and commercialized it.

Probably because New York City was the nation's metropolis, views in and around New York abound on this historical blue ware. One of the earliest is that of "New York from Heights near Brooklyn" used by A. Stevenson. The print from which the view was copied was made a few years earlier (1818) by W. G. Wall, an itinerant Irish artist. Engravings after Bartlett and other American artists and lithographers likewise served as sources of similar views. There is a series by Ridgway called "Catskill Moss" (after its border treatment) which shows "The Narrows—Fort Hamilton," "New York Bay" (really the Palisades, in spite of the title), and "Near Weehawken." There are up-state views in this series, too, including "Near Troy," and a view of the first Mohawk & Hudson train. This group appeared in the 'Forties, and is of the lighter blue which relegates it to a slightly secondary position in the eyes of connoisseurs.

But earlier views of New York abound. There is one of Columbia College, of Scudder's American Museum, of the Battery looking for all the world as peaceful as any New England harbor, and of the City Hotel that was once the country's largest. A rare view is that of the Great Fire of 1835, taken from a print by H. R. Robinson of New York, showing the burning of the Merchants' Exchange and a handful of the city fathers directing proceedings from the foreground. The border shows a fire engine of 1835 alternating appropriately with the phoenix rising from the flames.

Besides New York views there were elaborate historical scenes, like the panoramic view of Ralph Stevenson's "Battle of Bunker Hill," or Enoch Wood's "Landing of the Pilgrims." Boston furnished subject matter for many views, a favorite one that of the Massachusetts State House, showing a pastoral foreground of cows grazing on Boston Common. Ridgway issued a fine representation of Bullfinch's stately "Boston Hospital," still standing today in the midst of modern wings of the Massachusetts General Hospital.

Then from the West—and western New York was still the "West" at the beginning of the century—came views of Rochester and Utica and dramatic scenes of Niagara Falls. The colleges fig-

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ured, too, and among the choicest specimens of Staffordshire ware are several showing views at Harvard, and a number at Columbia, and one at Yale. The view of the capitol at Washington was, of course, a popular subject, and we see it, scarcely recognizable with the low dome which was to be replaced later by the imposing one now familiar to us.

It cannot be denied that some of these views are beyond the range of the average amateur to collect. Rare ones have run into hundreds of dollars, and it is luck, indeed, which allows them to be found at little or no cost. Yet there are still many which the collector of moderate means can afford, particularly if he has the true collector's zest for looking in out-of-the-way places. The search for a few choice pieces, or even for one, is justified by the eventual pleasure of discovery and pride in ownership.

For information on your favorite hobby

THE BLUE-CHINA BOOK. By Ada Walker Camehl. Over 200 illustrations. Halcyon House. $1.89.

This new edition of an authoritative and popular book on ceramics will make many collectors happy who have been unable to secure copies of the edition of more than twenty years ago, now rare and expensive.

Blue Staffordshire ware, pictorially decorated with historic American places, people, and events, which was sold in vast quantities throughout the country before 1850, and which collectors for years have affectionately referred to as "old blue" or "blue-china," has such a distinguished, yet whole hearted presentation in this book, what with Ada Walker Camehl's beautifully written account of early American life and the events of national import in the Early Republican period illustrated by more than two hundred photographic reproductions of the important pieces of this type of pottery, that enthusiasm will be kindled in countless breasts, insuring the ransacking of innumerable cupboards and long-unused attics.

A vital feature to collectors in this new edition is the listing of prices paid for approximately 234 items at an auction held at the American Art Association-Anderson Galleries, Inc., in New York City, on February 19th, 1937. Of these articles a dark blue platter in fine condition decorated with the arms of Pennsylvania, one of the series, "Arms of the States," by T. Mayer, brought $1,600 the highest price paid for any one piece. This is cited merely to stress the rarity of some blue historical Staffordshire. The collector of limited purse has ample selection in the more popular (hence originally more widely d tributed) sets illustrating poi of interest in the various sta or those which are historical, p trait, or marine. Certain plates the above sale, i.e., "The Landi of Lafayette," "La Grange," a "Lafayette at Washingto Tomb," have apparently an av age valuation of $7.50 each. It to be understood these quotatio represent only this one sale, bo higher and lower sums probab being obtained at other times this field of collecting.

What will always amaze t reader of this book is the vivi ness with which historical Ame ica comes to life. Here is t richness of the New World, t Colonists' ardor in making their home, the spirited defen of property and liberties causi the Revolution, the admirab sturdiness of the New Republ in fighting the War of 1812, t realization of complete indepen ence and maturity as recounte during the Celebration of Lafa ette's Visit in 1824, and finall the economic stride taken furthering an enterprise like "Th Grand Erie Canal" and such i ventions as the steamboat and t locomotive. History displayed glowingly is romance and adve ture combined.

Cultured Americans will alwa be grateful to the keen æsthet also businesslike, sensibilities the Staffordshire and Liverpo potters which led them to send u dinnerware and tea-sets decorate with designs from such volume of contemporary prints as "Th Beauties of America," "Pictur esque Views of the Hudso River," etc., or from origina drawings and portrait sketche by artists who had visited th United States.

Description of pieces shown on page 31

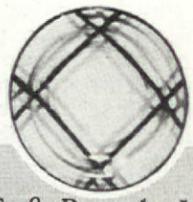
Listed clockwise fashion, fro upper left corner:

The Great Fire of the City o New York in 1835, view fro Coenties Slip, and for border, th fire implements of engine, hat, an trumpet, and also the phoeni rising from the flames (prophetic symbol of metropolitan Ne York), in the Metropolita Museum of Art.

View of Newburgh (J. & R Clews)—"Picturesque Views o the Hudson River," original draw ing by W. G. Wall; Metropolita Museum of Art.

New York from Brooklyn Heights (A Stevenson), original drawing by Wall who visited America in 1818; L. Earle Rowe collection, Rhode Island School of Design.

The Capitol at Washington, before the present, more recent, dome was constructed; a portrait piece commemorating Lafayette's visit to America in 1824; Jeffer-



In Soft Pastels, Vivid Colors or Gay Patterns Vernon Pottery Adds the Right Color Note

Designed by famed artists and featured by better stores, Vernon is the outstanding pottery favorite of the smart hostess. Colors are authentic, designs exclusive. Unique glazes, graceful shapes. Available in open stock and in sets. Approved by Good Housekeeping as advertised therein. Prices below are typical. Use coupon below for free booklet.

"Modern California" comes in six lovely pastel shades—azure, orchid, pistachio, sand, straw and mist. Gracefully simple in design with satin-like texture. Plates from 25c; cup and saucer 50c; tea pot $1.75; creamer and sugar bowls, 25c ea.

"Casa California" is Vernon's newest pattern—a modern adaptation of a primitive peasant design. In several colors on a cream background. Plates from 30c; cup and saucer 70c; sugar bowl $1.00.

"Early California," America's favorite solid-color pottery, is available in yellow, turquoise, green, blue, brown ivory and orange. Coffee server $1.75; covered chowder bowl 55c; etc.

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son's portrait appears next to that of Lafayette; below is a view of the aqueduct bridge at Little Falls; (R. Stevenson and Williams); Lora E. Aldrich collection, Rhode Island School of Design.

The Race Bridge, Fairmount Park, Philadelphia; Metropolitan Museum of Art.

A view of Harvard College as it appeared early in the nineteenth century (R. Stevenson and Williams); Lora E. Aldrich collection, Rhode Island School of Design.

Troy from Mt. Ida, Hudson River (Clews); Metropolitan Museum of Art.

The Water Works, Philadelphia (Jackson); Metropolitan Museum of Art.

The Water Works, Philadelphia (R. Stevenson and Williams); L. Earle Rowe collection, Rhode Island School of Design.

Taking guesswork out of buying

[*Continued from page 10*]

adequate standards for consumer goods, informative labeling and salesmanship, aud truthful, informative advertising. The Council also encourages simple, uniform terminology in describing goods. It aims to develop and promote codes of ethics for both retailers and consumers.

Accurate information for the consumer is of particular importance in the case of furniture, where there are so many hidden values. Here, more than in the case of almost any other merchandise, it is difficult to know what you are getting in quality of material, construction, finish, and the like.

First of all, look for the label. Many manufacturers of fine furniture put a label or tag on each piece telling from what original the reproduction has been copied. It is a guarantee of authentic design and good workmanship. Frequently there is also a label describing by name the wood used. A great many different kinds of wood are used in furniture today, and, naturally, cheap woods have to serve in lieu of more expensive ones when the furniture involved is to sell at a low price. This is perfectly good and proper, if you know what you are getting. Only then can you decide whether you are paying a fair price and whether the furniture will serve you as you expect it to. For instance, gumwood is often stained to resemble mahogany, and by manufacturers in good standing. We hold no brief against gumwood, but we insist that furniture be labeled so that you will know,

They went to Town

. . . AND LEARNED SOME AMAZING NEW THINGS ABOUT MATTRESSES. Bedding stores were displaying a revolutionary new-type inner-spring sleeping cushion — the PERFECT SLEEPER. Smooth top — not a puff, knot or dent to mar its beauty, ruffle its surface, or make it unevenly resilient!

THEN BACK FROM TOWN came the mattress they bought — the PERFECT SLEEPER . . . all carefully packed in a sanitary dust-proof carton. Courteous delivery men unpacked it outside, carried it upstairs, and put it into place without the slightest muss.

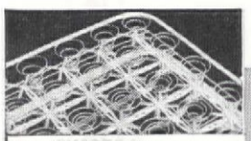
SMOOTH SLEEP AT LAST! The PERFECT SLEEPER supports your weight evenly; molds itself to the curves of your body—gently though firmly. It has *no tufts* — not even hidden ones. No tick-straining stitched-through cords. No "hills-and-valleys." Yet padding can't "creep"; springs can't lean or become jumbled.

●

WRITE for pictures and descriptions of SLEEPER Mattresses, Springs and Studio Couches. Sleeper, Inc., American Furniture Mart, Chicago.

PERFECT SLEEPER tuftless construction is exclusive — *patented.* (Look out for imitations.) It is built to correct shape — and to stay that way. Will not sag at edges nor lose its uniform resiliency after years of use. Bed always dresses neatly — its looks confirming the luxurious comfort that awaits the sleeper. $39.50, at good furniture and department stores. Also other SLEEPER tuftless mattresses — the RESTAL-KNIGHT, $29.75; SMOOTH-REST, $24.75; TINY SLEEPER Crib Mattress, $9.75.★

★ *Slightly higher on Pacific Coast*



Also see the new "COILUX" Bed Spring by SLEEPER, $19.75. Full flexible top.

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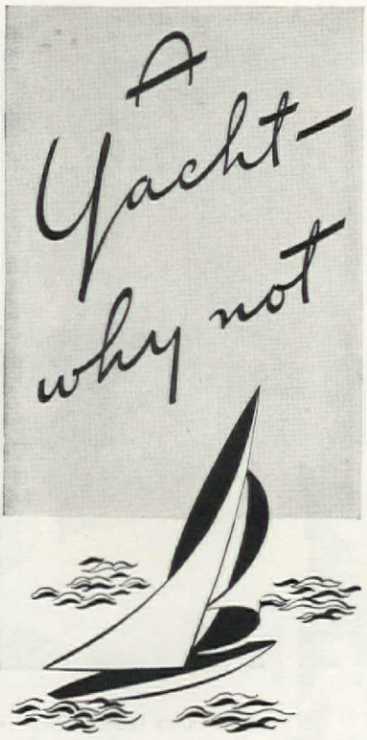
35 FACTORIES IN U. S. AND CANADA.



YOU may rove the bounding billows of fancy with this imaginative paper on your walls. Among the hundreds of lovely 1938 Imperial *Washable* Wallpapers are many that you will want in your home. Their exquisite charm is practical, too. Imperial laboratory research found the way to make wallpaper that is guaranteed washable and fast to light, without losing the soft, deep tones of true water-color printing. Ask your decorator or paperhanger to show you Imperial. Look for the Imperial silver label in sample books.

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Jean McLain's new book, "The Romance of Modern Decoration" will help you greatly in making your home more beautiful. How to use color and design effectively. Send 10¢ to cover mailing.

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Color Scheme Preferred _____ _____

☐ **Please also send me your book, "The Romance of Modern Decoration," for which I enclose 10¢.**

Name _____
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when making a purchase, whether you are purchasing gumwood or mahogany. A label of this sort is a protection to the manufacturer as well as to you, the consumer, because if he comes right out and states frankly just what wood is used, it is safe to say his workmanship and quality will be just as honest.

There are a number of guideposts to well-manufactured furniture which it is well to keep in mind. In a desk or a chest of drawers note whether or not the drawers push in and out easily. If they do, you can be sure they are carefully fitted and will not stick except under unusual conditions. The back of a chest is another guidepost. If it is neatly finished and put on with screws, you can be sure the piece is well made. Note also whether the legs are rough and unfinished at the back, a sign of careless cabinet making, or properly smooth and as carefully finished as the fronts

If there are veneer panels on furniture, make sure that they are well matched, for mismatching is one of the most glaring evidences of poor construction. Hardware is another index; if it is cheap looking and carelessly applied, it is safe to assume the piece is not well made in other respects. Finish, of course, is one of the most obvious gauges of good workmanship. Hard, shiny surfaces are a give-away, for either they conceal inferior wood or

have been carelessly applied. A good finish should be clear and even, permitting the grain of the wood to show through, without any accumulation of lacquer in corners or carving.

Obviously, merchandisers understand your buying needs. Reputable manufacturers and both large and small retailers are doing all they can to protect you. You can do your part by taking an active interest in this phase of merchandising.

Insist on tested and approved goods. Show your approval of the clerk who knows and tells you about the various qualities of what she is selling. Read newspaper and magazine advertisements carefully, and be sure to note the whole truth in what they have to say. If you encourage and appreciate these customer services, your shopping excursions will be safe and sure.

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The sparkling air of a May morning, rose-petal and fern-like tracery . . . tall, slender grace of marsh reeds . . . and there is the brilliant simplicity of "Marshfield" design in Rock Sharpe Crystal. You'll see this radiantly polished, hand-cut crystal, for every table service, at all leading stores. **60c to 75c each,** (depending on pattern and locality). Cataract-Sharpe Mfg. Co., Buffalo, N. Y.

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Several Models to choose from

CLEMENTS MFG. CO.
6630 So. Narragansett Avenue
CHICAGO ILLINOIS

Sunday night parties

[*Continued from page 48*]

country, and now had a chance to experiment to her heart's content

On a table in the knotty pine alcove she serves the Smorgasbord, a most fascinating array of foods. There are the strange Swedish cheeses, wafers, Fiskesuppe (Fish ball soup), Stekt Fyld Rerbenss Pjoll (spareribs), Kaldolma Med Rice (cabbage) and a host of other foods that look and taste superb.

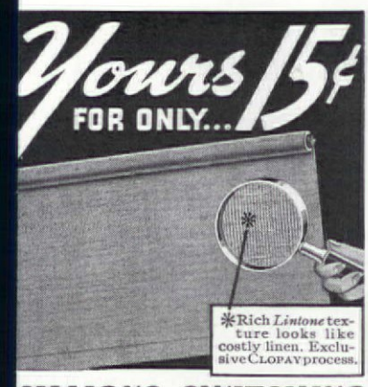
There is a Kris Larson print on the wall; an old-fashioned clock brought up to date with electric innards. A maple dresser, though an American model, fits in very comfortably. Hand-loomed curtains done in the Swedish manner serve as a pleasing background to the food laden table. Over the alcove is a genial Scandinavian greeting in yellow and red which reads, "Be so good. The sandwich table is served." If "et" is added to the word "Smorgasbord," anything may be served. That allows much leeway.

A ten-foot folding table is put up the length of the kitchen. Since it is only twenty-seven inches wide there still remains enough space for guests to move about comfortably. The table is set with a red and white checked cloth, little French pottery soup dishes and Italian pottery plates and bread and butter dishes. When not in use the table is folded up and hung in the garage. It has a box top which can easily set on or off the metal-braced sawbuck legs. The table and legs were given a light stain and then shellacked. Folding chairs are always used as they take up less room both when in use or when stored away.

The stove adds greatly to the charm of this room. It is interesting to note how a modern stove, by removing its legs and substituting brick and by putting a copper roof over its head, can become so quaint and old-world, yet retain its new-world efficiency. The hood was treated with sal ammoniac, which accounts for the green appearance. Just enough rubs off to allow the copper to show through.

The frame of the round window over the stove is an old schoolroom clock. Through it one can peek at the front door. Enamel containers are interesting with their labels painted on in red, *mijol* (meal), *socher* (sugar), *kaffee* (coffee), *te* (tea). Above these perfectly grand copper kitchen utensils hang from a rack, adding atmosphere here in a highly practical manner.

But justly dominating the room is the Swedish cabinet. It is a beautiful piece of furniture and



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Remarkable new window shade material now coated with oil-finish on both sides. Makes possible new CLOPAY WASHABLE shades. Wash with plain soap and water. Leaves no streaks or watermarks. Lovely *Lintone* texture shows beautifully against light. Cost only 35c each complete on roller. At neighborhood and 10c stores everywhere. Send 3c stamp for color samples. Write CLOPAY CORP., 1351 York St., Cincinnati, Ohio.

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We ask your coöperation.

has been so handled that it has the feeling of a very old one. Mrs. Orr copied it from a sixteenth century cabinet displayed in the Royal Museum in Stockholm. The background coat of paint is blue-green. The design was painted with oil paints in red, blue, yellow, and green. The whole cabinet was then given a dark blue-green glaze. To tone down the colors there was added a coat of glossy varnish, topped by a coat of dull varnish. Completed, it becomes one of those pieces of furniture for which most women would save for months. It sets the tone and style of the whole room and earns its way since it is large enough to hold a great many dishes.

The sink is covered with rubber tiling in a marble design. Although not Swedish it fits in adequately as does the marble linoleum floor. The simple, pleasing curtains over the sink are cream, hand-loomed ones, enhanced by Swedish embroidery in red, yellow, and green. It is easy to understand how a Sunday night supper in this kitchen is a pleasurable event. The decorative theme is there without added effort. That note of informal gaiety which we strive for in entertaining is already present; guests feel at ease while experiencing something quite out of the ordinary.

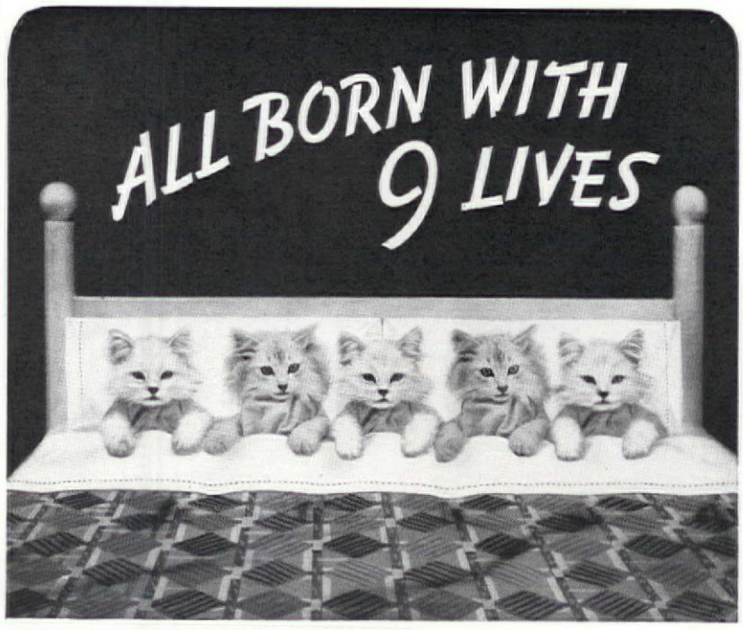
For those who may think that a trip to Sweden is necessary to learn about these enticing dishes, I hasten to add that many good cook books on the market will reveal the secrets for a similar successful Swedish Sunday evening. And when your guests reluctantly take leave they, too, will have experienced a "Bit of Sweden" in America.

Growing pains

[*Continued from page 221*

variety of plants and lo! you are beginning to be a specialist! The people who found you dull a while ago because you barely knew the difference between roses and daisies, will be delighted to add to your knowledge of *their* particular specialties. But after a few more exciting "next years," they'll think you're a bore because you've heard all about their iris varieties and they won't listen to your enthusiasm over primulas!

So you're going to plant a garden! There will be mud on your knees and under your fingernails and an unalterable aura of promise around your head. But it's more darned fun from the first squeak of the wheelbarrow to the last stage of bulb storing than even your most inarticulate dreams could conjure.



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Ready for use, these famous sheets now come in modern laundry-saving packages. You save first laundering cost. No paper labels on fabric. Guaranteed by Good Housekeeping as advertised therein. *Other quality sheets:* Utica Percale—*a fine weave sheet made entirely with combed yarns.* Mohawk Percale—*high quality at prices close to best muslin.*

Free "Snowy" Book

Beautifully printed 32-page book containing 6 life pictures of "Snowy"; authentic information on bed-making, laundering and sheet sizes. Mail coupon or post card.

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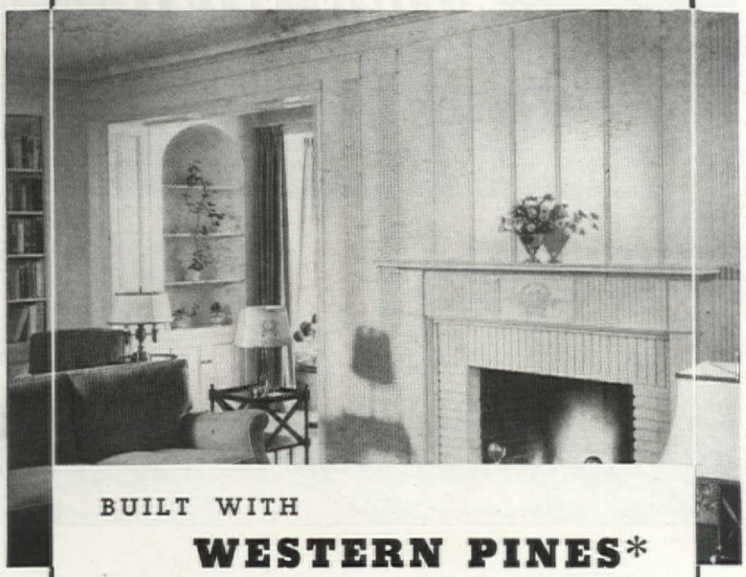
A SHINING, CHEERFUL ROOM...



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Smooth . . . soft-textured . . . and uniform in grain, the Western Pines take an enduring sheen from the painter's brush; and lend themselves to finely traced fluting, careful paneling, and difficult built-in work.

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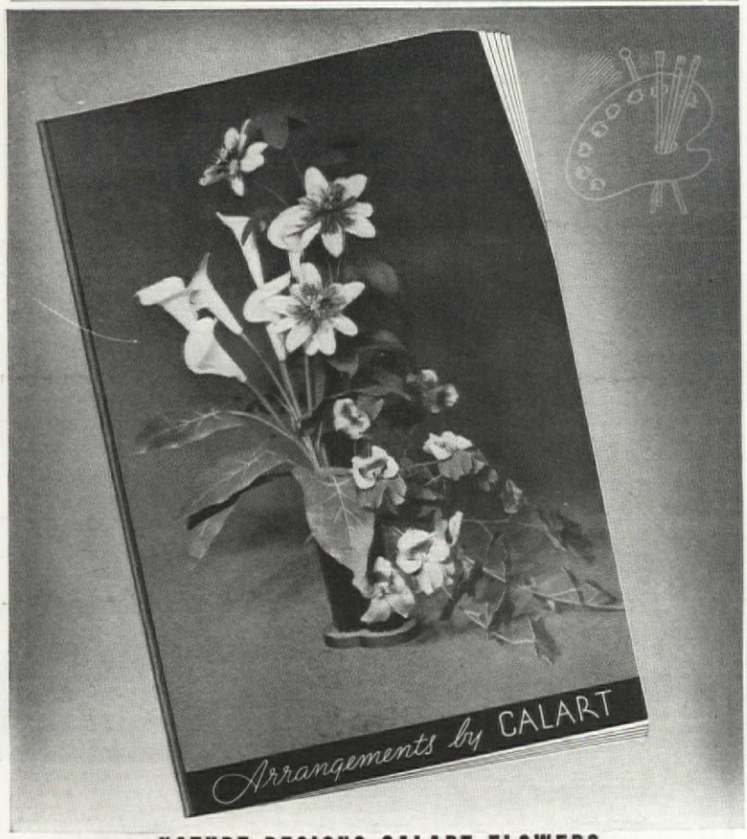
*Idaho White Pine *Ponderosa Pine *Sugar Pine

THESE ARE THE WESTERN PINES



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Write for FREE Booklet on FLOWER ARRANGEMENT

California Artificial Flower Co.

14A BLOUNT STREET, PROVIDENCE, R.I.

Roses for the Small Plot

VELMA SPRIGG GEIGER

EVERYWHERE there are those who possess "green fingers" yet lack the necessary garden space in which to grow bed after bed of colorful flowers. But gardens do not have to be large to be beautiful. The space you have, however small, can furnish pleasure unending if it is well planned. Because small gardens lend themselves better to a formal treatment, the flowers that we usually think of in terms of formality should be used.

Our available garden space was only thirty inches wide and eleven feet long, so we planned a miniature rose garden. This was a new venture for us and the varieties meant little, unless a colored picture accompanied the description. But color we wanted, so our list was chosen to include as many different shades as our bit of ground permitted. Because we could have so few plants we decided, before making any purchases, to buy only sturdy, two-year-old stock from a reputable dealer; to select no variety that might find it hard to thrive in our climate; and that no sale bushes would be considered.

We religiously studied all the catalogues sent to us from rose growers everywhere and we consulted our local nurseries regarding strains that had proved themselves in our immediate vicinity. After much selecting and discarding we chose the following: E. G. Hill, medium red; Editor McFarland, deep pink; Mrs. Pierre S. duPont, yellow; Kaiserin Auguste Viktoria, creamy white; Willowmere, salmon-pink, tinged with gold; Etiole De Holland, deep red; Chas. P. Kilham, coral red, and Mrs. Sam McGredy, a beautiful coppery toned rose. Our order was placed to be delivered the following spring.

How we worked the ground th first fall! We spaded under t good, thick sod to a depth twelve inches. During the follo ing warm days, we worked t mellow earth again and aga enriching it with a genero amount of bone meal. Later, turned the ground a second ti and worked more bone meal in it thoroughly. Thus well fed a watered by the fall rains, it mained undisturbed until spri when it was again fertiliz lightly and turned once more a depth of twelve inches.

When, in early April, our plan arrived, their roots were prun slightly and their tops cut ba severely and they were set holes big enough to accommoda the root systems without crow ing. Fine, rich soil was sift about the roots and settled wi the help of a thorough waterin When the water had seeped aw leaving the soil well soaked, mo earth was added and firm around the bush by steppi close to it. Twice during t

Thompson Photograph

Roses picked in our garden the last day of September

summer, the plot received application of bone meal, a once each week the bed was giv a slow, thorough watering. Abo the first of July, the ground w given a good cultivating, th peat moss was spread over it thr inches deep to eliminate furth cultivation and protect the ro system from moisture loss duri the hot days.

Once a week each plant w treated with a commercial a purpose spray and did they f us? Indeed no! The first bloo appeared on May 28, and was i mediately placed in the lovelie bud vase the family owns. Ju produced sixty roses; July ga us 66; August a total of 12 September yielded 88 and Oct

[*Please turn to page 9*

We pile it on thick!

Press a finger down into the pile of a Bigelow rug or carpet and see how lavishly deep we weave our Lively Wool. We use only the world's fastest dyes. And with them we have produced a range of luscious colors that make the rainbow seem tame! See them *all* in Bigelow solid-color broadloom (just a few appetizers are shown below) in plain weaves and smart textures. Bigelow prices are as varied as customers' budgets, starting at $39.95 for a 9 x 12 rug and $3.50 a square yard for carpet. The Bigelow Weavers, Dept. 48A, 140 Madison Avenue, New York.

FREE! "Bigelow's Folio of Room Recipes" in rug departments. Or send 10c to above address.

LOOK for this label of quality on every Bigelow rug or carpet.

LIVELY WOOL SPRINGS BACK UNDERFOOT

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NEW SPRING COLOR IN CLOTH WINDOW SHADES

Springleaf Green

The whole outdoors will soon be a gay arbor of new green! Why not lure some of that beauty into your living-room! *With window shades of Springleaf Green.* They're that new muted green you're going to see in summer draperies, slip-covers, wall-paper and pottery. And being green, they're a neutral, natural background for flower-bright chintz and cretonne. All the newer, smarter window shades are styled by The Window Shade Institute. They're genuine cloth shades, woven on a loom and processed for service. They're strong and good-looking . . . as only cloth shades can be. And durable, dust-resistant and colorfast. Remember, each season when you change draperies . . . change window shades too. "The Well-dressed Window Wears a Fresh Cloth Shade." And these that look lovely—and cost little—bear the Seal of The Window Shade Institute, 500 Fifth Ave., N. Y.

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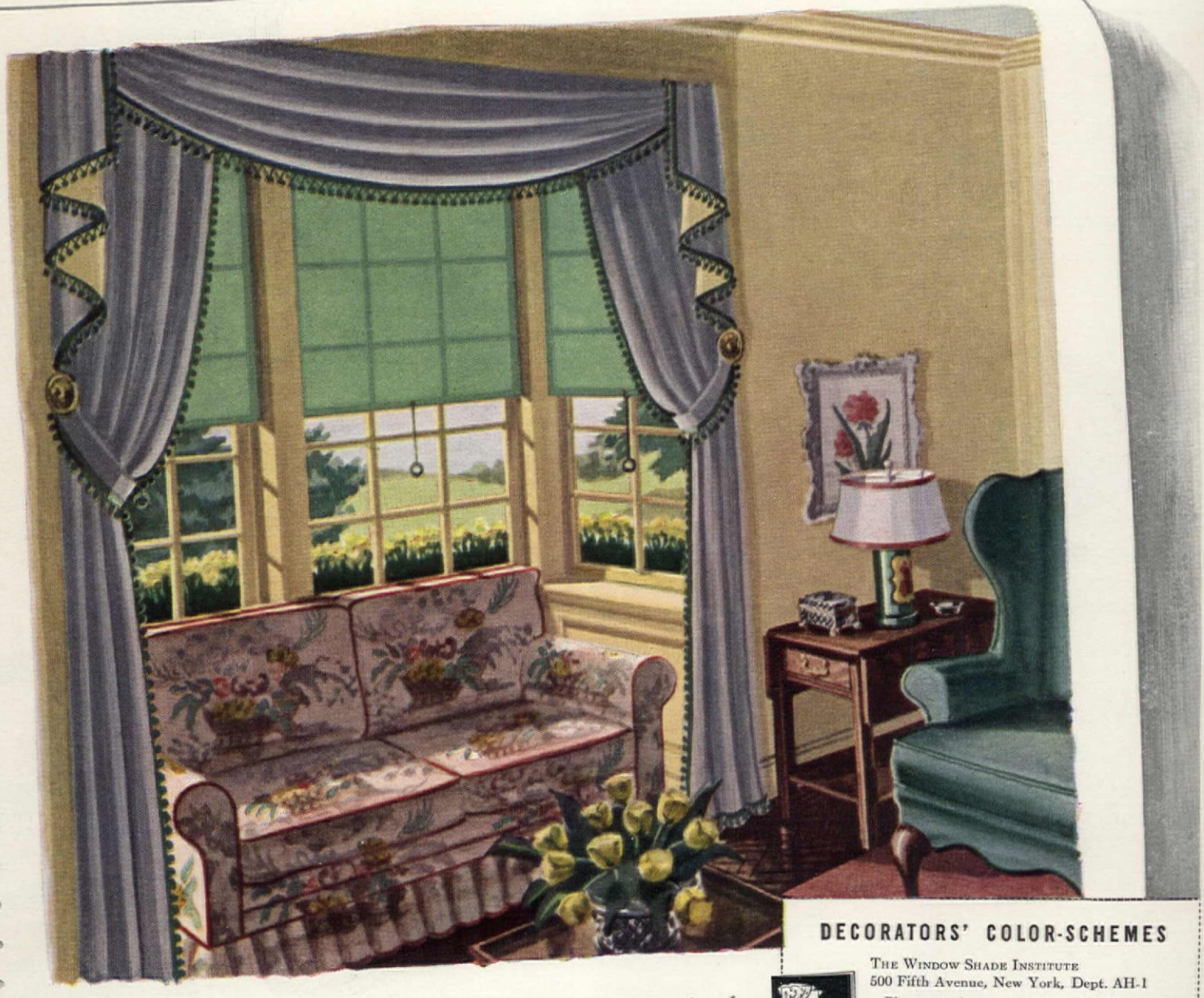

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DECORATORS' COLOR-SCHEMES

THE WINDOW SHADE INSTITUTE
500 Fifth Avenue, New York, Dept. AH-1

Please send me your new handbook of color-schemes for every room in the house. I understand that this is furnished at cost, post-paid, and I enclose 25c herewith.

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The Luxury of GARDENIAS can be yours

GENE GIBSON

HAVE you ever imagined the luxury of having fresh gardenias on your table each day but overruled the thought as incompatible with the family budget? Well, it would be a luxury for only the few if it were necessary to buy them, but I am suggesting that you *grow* them, right in your own home, just as I have.

I have found that the gardenia is not the temperamental plant it has so frequently been styled, requiring a florist's care and the advantages of a greenhouse; rather, that this lovely plant is more than eager to live and thrive, if you will only coöperate and supply the essentials it needs. These essentials are no more than you and I require for our own well-being and health—sunshine, food, fresh air, water, and proper temperature. And what a wealth of response you will get by supplying them.

The gardenia, a native of mild climates, grown in quantity along the South Atlantic Seaboard and in California, requires plenty of moisture. The soil must never be permitted to dry out completely, so keep it well watered, but be sure to throw off any excess water that drains through into the saucer.

This means that the soil must be watered several times a week, or oftener, depending upon the temperature of the room where the plant is kept. At least once a week the leaves should be washed off—it would be ideal to do it every day. It can be done most easily in the kitchen, with the help of a small hose with spray attachment. If the plant is too large to handle conveniently, use a hand spray. In addition a strong force of water should frequently be used to wash the branches and the underside of the leaves thoroughly. Besides producing handsomer leaves, thorough washing helps prevent attacks of mealy bug, one of the enemies of this plant.

Should your plant have a bad case of this pest, wash them off with a camel's hair brush and a suds of ivory soap and water or a solution of nicotine sulphate. After this treatment turn the hose on the plant with considerable force. Repeat this treatment about once each week until the bugs are all gone.

Keep temperature even

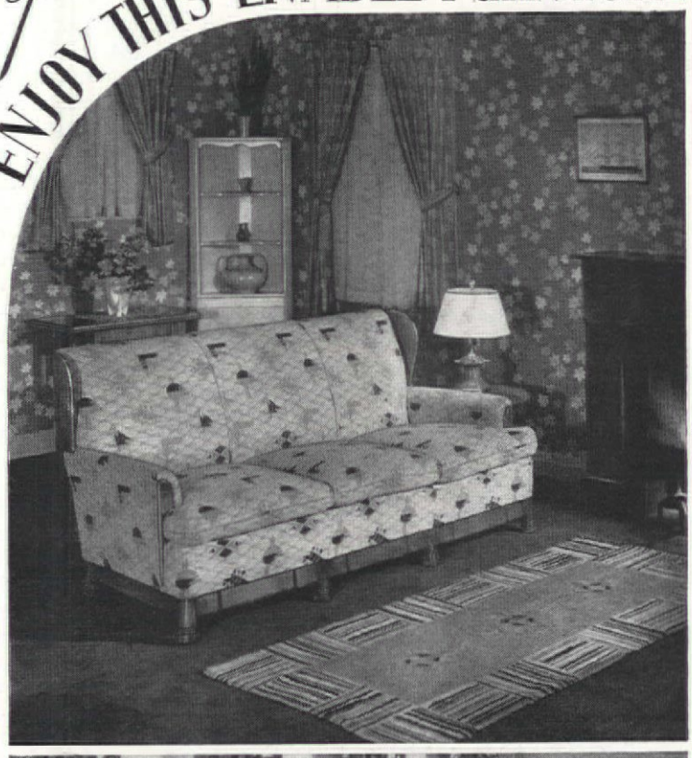
The gardenia prefers a fairly even temperature. This should never be permitted to go below fifty degrees but I find that a plant can stand a good deal of heat, provided plenty of moisture is supplied. Sudden drops in temperature must be avoided, for while they may not kill the plant, they are very likely to retard its growth; if the plant is flowering, they may cause many of the buds to drop off.

Keep the plant where it will get the morning sunshine and plenty of light the rest of the day. The ideal location is an eastern or southern exposure, but do not be discouraged if you cannot supply just this, for I had wonderful results from a plant located in a northwest window. Do *not* place it where it will be in a draft; also guard it against the possibility of escaping gas fumes.

Gardenias like an acid soil, so about every two weeks during the time it is getting its new foliage, give it a little aluminum sulphate when watering it, the amount de-

A gardenia as grown in one American home

You'll ENJOY THIS LIVABLE FURNITURE



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• *This 24 page booklet contains many decorative suggestions. Simply send 10 cents (coin preferred), to Department A-4, Heywood-Wakefield Company, Gardner, Mass.*

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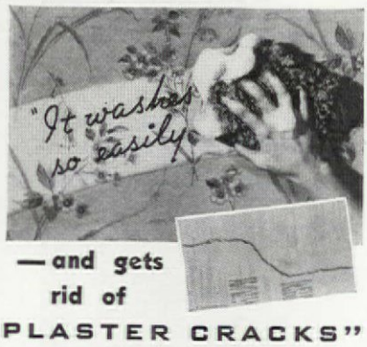

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pending upon the size of the flower pot. For a plant in a nine-inch pot, I use a tablespoon to a pitcher of water. Very small plants need merely to be planted in the acid soil. A layer of peat moss on top of the soil is beneficial as extra insurance against the possibility of the soil drying.

In summer, the gardenia can be placed out-of-doors on the porch, or in a spot in the garden where it will get the morning sun and be protected from the hot midday and afternoon sun. Turn the hose on it every day, to supply the moisture it needs and thoroughly wash leaves and branches. Do not put the plant out until the weather is quite warm, and take it in early in September so it will not be overtaken by cold nights.

As to the gardenia's capacity for blooming, one of my plants, growing in a twelve-inch pot, has supplied me with twenty-five beautiful large flowers within two months and at present has thirty more buds which will open some time within the next three months. It takes from eight to ten weeks, or longer, from the time the bud sets, for a flower to develop and open and it is essential to maintain as nearly uniform atmospheric conditions and temperature as possible during this time. There is no set time of the year for the plant to bloom. If it starts during the summer months, it will continue on through the late fall and winter, if given an even temperature and plenty of sunlight. Don't be discouraged if you lose a few buds after bringing the plant indoors; this is likely to happen until it acclimates itself, but after a week or two it should go right on growing and blooming.

Editor's Note: Shortly after editing Miss Gibson's story of how she has consistently had good results with her gardenias, we heard a well-known horticultural authority remark that "boiling in oil would be a fit punishment for those who recommend the gardenia as a house plant." He also cited instances in which expert growers, after years of success, suddenly have whole greenhouses full of the plants drop their buds and act perversely with no apparent reason or excuse. Well, it simply goes to show that Nature is a strange and unpredictable old lady, and that the only way really to prove anything about plant growing is to try it and see what happens. Miss Gibson seems to have given her plants the conditions they want; the least one can do who buys or receives a gardenia as an Easter gift is to give as nearly as possible the treatment that it needs in accordance with her suggestions, and hope for similar reward.

MAKE THAT ODD CORNER AN EXTRA BATH

RIGHT now in your present home you may easily find a little-used closet, the end of a hall, some odd corner, which can quickly be made an extra bath by the use of a Weisway Cabinet Shower. Weisways, complete with shower-head, valves and drain, are easily, quickly installed, in a 3-foot square or less, in old or new homes, without special treatment of building walls or floor.

New enjoyment of a shower—the modern way to bathe—is afforded by exclusive Weisway features. Vitreous porcelain non-slip floor adds sure-footed comfort, is safe, sanitary, permanent. Entire cabinet guaranteed permanently leakproof—splash to your heart's content.

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GREENHOUSE and TOOL HOUSE

HI SIBLEY

See detailed plans on page 44

THE ambitious home gardener who has been chafing at late springs and early falls should now prepare to outwit Grandpa Winter's future vagaries by building the very convenient and not-too-expensive little greenhouse shown on page 44, with which is combined a handy garden room as well as a place for tools. Its construction involves no problems which cannot be solved by a man who has handled carpenter's tools.

Board-and-batten construction makes satisfactory walls and costs little because rough lumber can be used, and studs are dispensed with. Properly weathered the lumber blends admirably with the surrounding shrubbery. The glass and framing for the greenhouse call for a considerably larger investment. Surfaced lumber is best here as the glass panes should fit neatly on roof and on the sides.

To begin, first excavate for the concrete footings and the glass-house area, the latter 36 inches deep. Build forms of rough lumber, and use a 1-3-5 mix of concrete—that is, one shovelful of Portland cement to three of clean dry, sand, and five of gravel. Shovel this over thoroughly on a wood scow or mixing board before working in enough water to give it the right consistency. After the concrete is poured, if it will be exposed to the hot sun, sprinkle it occasionally with a fine spray or keep it covered with wet burlap for twenty-four hours. At the end of that period the forms can be removed; these boards, by the way, can later be used for roof sheathing.

If you have the material or care to invest in it, reinforcing rods of iron or steel or old pipe will greatly strengthen the structure. When the forms are nearly full, insert anchor bolts as indicated on the drawing, to secure the sills to the concrete walls and footings.

Now begin construction of the tool house. The four board-and-batten walls can be built flat on the ground, then erected and joined at the 4 by 4 corner posts. Diagonal braces should be installed in all corners. Next set the rafters, which are 2 by 3's, set 18 inches on centers. Then sheath the gables with rough boards, lapped about one inch, and after sheathing the roof, lay the shingles unevenly, as illustrated. To give added warmth, lay building

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paper or roll roofing directly upon the sheathing before shingling. On the inside the ceiling and walls could be sealed with an insulating board if you expect to work here regularly in very cold weather.

In the glass house all studding is set 15 inches on centers, as are the rafters. When the framing is completed nail a wood strip along the outside center of each stud and rafter. Lay the glass panes between these, secure them with glazier's points and render them watertight with putty in the corners, as indicated. On the roof, the panes lap about an inch; the bottom pane, at the eaves, is kept from sliding off by means of brads driven part way into the end of the rafters. For the walls the panes need not overlap, nor need they be puttied.

A window is placed in each side wall and hinged at the bottom to swing out at the top for ventilation; it should be provided with a suitable bracket with which it can be adjusted to the right opening. Of course windows and doors should fit closely and all gaps or cracks in the construction closed to conserve heat.

Leave ⅛-inch spaces between the bottom boards of the benches in the greenhouse so excess water will drain off when the crops or potted plants are sprinkled; the floor should be of gravel for the same reason. In the tool house or potting room adjoining, a dirt floor is satisfactory.

The heating system recommended offers the advantages of low cost, safety, and small space required. The entire system can be installed under the benches, where warmth will radiate from every inch of it. If possible, the pipe should be inclined upward slightly along its entire length to aid convection; the small, slow-speed fan further assures circulation. Galvanized flue pipe resists rust, which is sure to attack exposed iron where there is so much dampness.

Electric heating elements, such as are used in the reflecting bathroom heaters, are not at all costly; the number required depends upon the severity of the winter. Two or three should be sufficient to keep off the destructive chill in ordinary years. The thermostat (obtainable at electrical supply houses) should be connected with the fan as well as the heater so as to shut off current from both when the temperature exceeds the requirements. The writer usually mounts the heating elements in porcelain sockets screwed to a wood plank. This is safe as long as the plank is on the bottom. It is not advisable, however, to mount heating elements closer than 12 inches from a board at the side; and never should they be directly

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Royledge protects the *shelf* and decorates the *edge*, both. Lay it flat, fold over the strong, double, colorful edge to be admired for months. No tacking, no laundering, no fraying or dust-catching. Hangs straight, never curls up.

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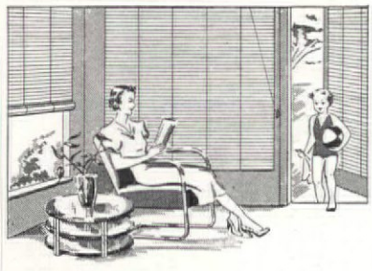

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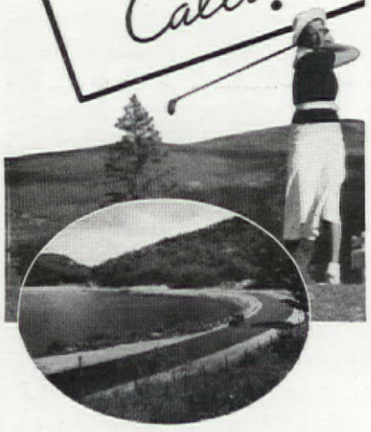

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under wood or other inflammable material. Note that these heat elements are protected from sprinkling water, and that the screen prevents leaves or other plant refuse from being drawn in upon them.

The little cupola on the roof adds much to the interest of the structure and is not hard to make. The body is of four 8-inch boards, and the roof of four pieces mitred at the corners and surmounted by a staff for the weather vane. The letters for North, South, etc., can be cut from galvanized sheet iron or jigsawed from wood. In the latter case, they should be thoroughly painted to prevent checking under the weather. The goose also is cut from galvanized sheet metal, and painted black. A brass tube is soldered or clamped to one side, and this serves as a socket for the staff—a ⅜-inch iron rod—in the peak of the cupola.

Should you prefer to paint or whitewash this job, rather than permit it to weather, do the work before the glass is put in the greenhouse. Shelves, bins, and racks can be built in the tool house to accommodate your individual needs. The small porch in back makes a handy sheltered place for the lawn-mower and long-handled tools which are so awkward to put in a garage full of cars.

A water tap (not shown in the drawing) will prove a great convenience, and a garden room as illustrated in the July, 1936, AMERICAN HOME will make an uncommonly complete little establishment.

For tool house

3 cu. yds. concrete, walls and footings.
180 lineal ft. 2″ x 4″; sills, plates, headers, etc., for tool house and sills for glass house.
Tool house:
8 posts 4″ by 4″ posts by 7 ft.
4 rafters 2″ by 4″, 12 ft. long.
4 rafters 2″ by 4″, 9 ft. long.
368 lineal ft. 1″ by 9″ boards for siding tool house (includes board and batten doors).
341 lineal ft. ⅜″ by 1¼″ batten.
3 sash 24″ by 36″; one sash 18″ by 24″.
147 sq. ft. sheathing for roof.
6 bundles shingles (laid 5″ to the weather).
12 sq. ft. surfaced material for cupola.
1 weather vane.
16 expansion bolts, sills to concrete.

For greenhouse

4 studs 2″ by 3″ by 36″ (end).
10 studs 2″ by 3″ by 5 ft. (sides), (cut these to length on the job).
6 rafters 2″ by 3″.
6 pcs. 2″ by 3″ for plates, headers, trusses, etc.
2 ventilating sash 24″ by 30″.
2 posts 4″ by 4″ by 36″.
2 posts 4″ by 4″ by 5 ft.
90 panes of glass, 14″ by 20″.
150 lineal ft. ¾″ by ⅞″ wood strips (between glass panes).
5 lbs. putty, glazier's points, nails, etc.
Heater; 10 ft. air duct, 3 elbows; galv. box, 3 heating elements, fan, electric thermostat.

Booklet on Small Houses

This Small House Supplement has been reprinted as a twenty-page booklet in two colors. If you want a copy for your permanent file, it will be sent you postpaid for only 10c. Stamps accepted.

THE AMERICAN HOME, 251 Fourth Ave., New York

Situated in Southern California's marvelous coastal zone and built around one of the world's ten finest landlocked harbors, **San Diego** offers you an environment unsurpassed. Here, by a southern sea amidst perennial subtropic beauty, this modern community of **San Diego** is indeed your dream city come true.

Come winter or summer and its utter charm will enthrall you.

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SPRING FEVER AT HOME

NOW THERE are all kinds of pamphlets and even books about how to remove stubborn stains from your upholstered chair and scratches from the dining room table, but little or no attention is given to the woman who must do the work. Most of the rules are concerned with the state of the house, when, after all, your state of mind is more important to your family's happiness. So here are some tips on how to make house cleaning an adventure instead of an ordeal of backaches and unnecessary wrinkles in both face and disposition. I hope they will keep you from saying, like one woman I know, "You know how it is—put up the cool curtains and work and clean all day with never a moment's rest, trying to make the house look respectable for the family, and then your husband never appreciates it. Mine just says that he'd rather I wouldn't do it because it makes me cross and tired. He doesn't understand —*naturally* I'm cross and tired!"

Right here and now I say there is no reason for this.

First of all, dress for the occasion as carefully as if you were going out to dinner. It always helps the feminine morale to feel appropriately dressed, and house cleaning is no exception to the rule. Look in the closet and see what you can find. If you have no really ideal dress for your work, buy or make one. It will prove a wise investment. Check over everything you own, and don't be satisfied to pull on a now shabby afternoon dress, old shoes with run-over heels, and that pair of stockings you were going to throw away because of two hopelessly long runs. I firmly believe that such an outfit would take the thrill out of freshening up the very nicest house.

First of all, you should have a pair of comfortable low-heeled shoes. Worn-out evening shoes simply will not do, even if your budget is suffering. It is much better to spend a few dollars on a pair of shoes that you can wear in the house for years to come, than to wear the old ones "just this once more" and then pay the same money to a doctor who fixes fallen arches and badly frayed nerves.

Now what about a dress? Every woman ought to have at least two dresses for housework that are as gay and smart as they are serviceable and inexpensive.

Warms ALL the House
on Cool Spring Days

The HEATILATOR
FIREPLACE

The Heatilator Fireplace circulates heat to every corner of the room, and even to adjoining rooms. It takes the chill from the entire house—saves wasteful furnace fires—on cool spring or fall days. An inexpensive way to solve the heating problem in basement rooms. Makes camps usable weeks longer. Thousands in use in all climates.

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WRITE for complete details; state if building a new or remodeling a fireplace.

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LIQUID GLUE

For mending, making and all craftsmanship take your choice of this trio—Bottle, Tube & Can.

For a dollar you could make one, and for a few cents more you could buy one. At any rate, since spring cleaning is liable to go on for days and even weeks, have at least one that you really enjoy wearing and won't mind having a neighbor see. (Mrs. Smith, the woman next door, will probably decide to call on you right in the midst of it all. Just fate I guess, but true—people always come when they're least expected and least wanted.) Of course it will be washable, preferably cotton, with short sleeves and pleats for action. Remember that it is possible to have it fit snugly but *not* tightly, for you can't climb around on a step ladder to wash the chandelier if you're afraid the seams may split. Though no one disputes the fact that navy blue is most practical and doesn't show soil, I'd think twice before deciding on any dark color. A bright solid color or print that will wash without fading is much more cheerful, and such a grand change from dark street or party clothes. There are plenty of inexpensive ginghams, piqués, and cotton prints from which to make a happy choice.

We all know the fun of making an otherwise plain costume quite exciting because of clever accessories; and we all know that bracelets and rings have no place over the kitchen stove or behind the wash basin which has to be scrubbed. The one accessory that really belongs with your house dress is a bandana. Get the gayest, giddiest scrap of cloth you can find, cut it in a triangular shape, hem it, and tie it around your head. (You can buy one for about a quarter, if quarters don't mean anything to you.) Not only will this make you feel festive and feminine—it will keep all the dust and dirt from settling on your shining locks, and protect the wave.

By the time you have decided what to wear, you'll be in a fine frame of mind, because clothes seem to put all women in good humor. The next thing is a systematic checking up on supplies. Unless you want to rush out to the hardware store in work clothes, make sure that you have everything you need. You're bound to use yards and yards of cheesecloth for polishing wood surfaces. Then, see about brushes, soap, your favorite furniture polish or wax, stain removers and a good-size pail. Though you may think they belong in offices, I recommend plenty of labels and tags. If you label your winter things before you put them away, you won't have to open five or six boxes in a futile effort to find the andirons next fall. Most of the other equipment depends on whether you have wallpaper or paint, satin or chintz, food stains

HOW A MAN OF 40 CAN RETIRE IN 15 YEARS

IF you're around 40, you're lucky! If you're younger, so much the better. You can have a steady income guaranteed to you for life starting when you retire, an income that most men at 55 couldn't possibly afford!

By starting now on this simple, definite Plan, and putting in something each year, you make it easy to get a guaranteed monthly income for life when you retire.

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Best of all, the Plan is guaranteed by a company with over half a billion dollars of insurance in force. If you want to retire some day, and are willing to lay aside a portion of your income every month, you can have freedom from money worries. You can have all the joys of recreation or travel when the time comes at which every man wants them most.

The Plan is not limited to men of 40. You may be older or younger. The income is not limited to $150 a month. It can be more or less. And you can retire at any of the following ages: 55, 60, 65, or 70. Similar Plans are available to women.

What does it cost? The Plan will probably cost nothing, because in most cases, every cent and more comes back to you at retirement age.

Write your date of birth in the coupon below and mail it today. You will receive, without cost or obligation, a copy of the interesting illustrated booklet shown below. It tells all about the Phoenix Mutual Retirement Plan. Send for your copy now. The coupon is for your convenience.

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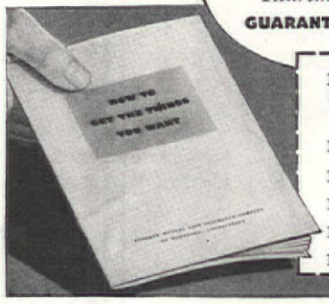

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274 Elm St., Hartford, Conn.
Please send me by mail, without obligation, your book describing the PHOENIX MUTUAL RETIREMENT PLAN.

Name_____
Date of Birth_____
Business Address_____
Home Address_____

Copr. 1938, by Phoenix Mutual Life Insurance Company

or cigarette burns. But for your well-being and disposition, look into these things before starting.

Food and drink are good for everyone. So, lay in a supply of fruits, cookies, and the like. A glass of orangeade or grape juice at about eleven in the morning and two in the afternoon will revive your spirits. Even a plain orange will do wonders!

The food subject brings us to one that is equally important—rest. While you're drinking your drink or nibbling at the cooky, sit down and relax. You can forget you're working, turn on the radio, and read for fifteen or twenty minutes. If you read, select something light and amusing. Otherwise, lie down, close your eyes, and get a little beauty rest. Absorbent cotton dipped in a boric acid solution and placed over the eyes is a good idea. At any rate, stop working *before* you are exhausted. Whether you've decided to do one room at a time, or the lamp shades one day and the upholstered furniture the next, stop in the middle of it if you've overestimated your energy.

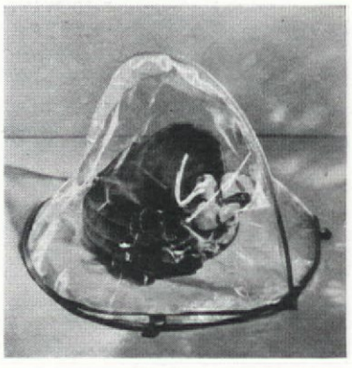
Four o'clock in the afternoon should be the deadline, especially if you must get dinner. Take a long, warm, restful bath. Though one woman I know usually creams her face after the two o'clock orange (the bandana protects the hair so she can go on with her work), you can do this just before you get into the tub. Proceed with your best beauty treatment, whatever it may be. Pick out the dress you like best and wear it—it will make you feel a hundred per cent better, and there's not too much point in saving it for years anyway. Don't hesitate to use a few drops of perfume, a dash of lipstick, and lots of time on fixing your hair. When you're all dressed, sit in the living room and look like a lady of leisure when your husband comes in the front door.

If you have followed the advice of the above paragraph, the last point will be easy, for it calls for nothing more than your best feminine wiles. Simply lure your husband into doing whatever most pleases you for the evening. A good movie is always a pleasant form of relaxation and entertainment. Perhaps a drive in the country suits your mood. Occasionally bridge is all right—provided you feel up to the mental exertion and the opponents are good natured as well as good friends.

Note: Your husband probably won't know you've been cleaning and scrubbing until two weeks later when he wonders how you manage to keep both the house and yourself looking so attractive. If this happens, as it sometimes does, your spring cleaning has been a shining success!—V. F.

MAY WE PRESENT—

Along with the annual spring house-cleaning spree, you might do something about your closets, too. One of the best accessories we've seen is this new transparent hat cover made of Cellophane cellulose film that will keep your Easter bonnet looking as fresh as spring. The tape binding on the edges comes in a variety of colors, so you can select one to accent or harmonize with your color scheme. Several of these hat covers, from E. I. du Pont de Nemours & Company, would be useful additions to any closet.



Bad news for moths

Though all of us approve of storing our winter clothes and blankets in moth-and-dirt-proof bags, there is little to be said for stumbling around in the closet and opening four or five bags in a futile attempt to find last year's coat. The Lincoln Bag Company has a bright idea that ends such difficulties. Their new Moth Seal bags have small Cellophane windows so you can look in and know a dress from a coat without tearing open the bag. If you have your things dry cleaned or laundered first and then sealed in the bags, moths and dirt won't have a chance to get near them.

No more drafts

Drafts are no longer the necessary evils that they used to be. There is a new product called Stop-a-Draft that actually lives up to its name, and though it is an air-sealing device that fits on the bottom of the door it doesn't interfere with carpets and rugs. The secret of it all is an automatic trip-lever. When you open the door it springs up into its metal channel; as you close the door it automatically lowers itself to the floor level and keeps out drafts. Raysteel Specialties, Inc., makes them in light ivory, walnut, mahogany and brass—a small extra charge for a special finish.

KLEENEX* "TRUE CONFESSIONS"

Seems like people everywhere ask: "How did we ever get along without Kleenex?"

HERE ARE 3 OF THE WINNING KLEENEX "TRUE CONFESSIONS." WE'LL PAY $5.00 IN CASH FOR EVERY ONE PUBLISHED. MAIL YOURS TO KLEENEX, 919 N. Michigan Ave CHICAGO

"BEST WAY TO END THE GRIME WAVE IS KLEENEX"
(*Writes* Mrs. I. L. E., Scottsburg, Ind.)
USE IT TO DUST—TO POLISH—TO CLEAN ASHTRAYS IN A JIFFY. AND IN REMOVING FACE CREAM, IT GETS OUT ALL POSSIBLE DIRT!

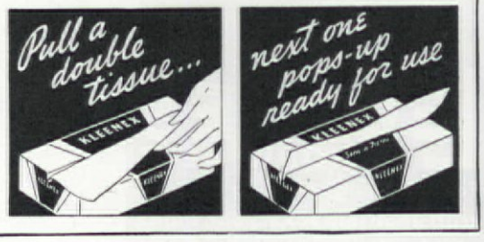
"MY GLOVES LOOKED LIKE BLACK HAND TRADE-MARKS
AFTER DRIVING THE FAMILY CAR UNTIL I BEGAN WIPING THE STEERING WHEEL WITH KLEENEX"
(*From a letter by* Miss G. D., Springfield, Ohio)

● Adopt the habit of using Kleenex in the Serv-a-Tissue box that ends waste and mess . . . boxes of 200 sheets now 2 for 25c. It's the handy size for every room in your home, for your office and your car.

During colds, see how Kleenex soothes your nose, saves money, reduces handkerchief washing. Use each tissue once—then destroy, germs and all.

THANKS FOR SERV-A-TISSUE!
"NOW—WHEN MY NOSE IS RUNNING—I DON'T HAVE TO RUN AROUND THE HOUSE LOOKING FOR MY HANDKERCHIEFS.
I HAVE A KLEENEX SERV-A-TISSUE BOX IN EVERY ROOM—AND IS IT HANDY!"
(*From a letter by* Mrs. S. M., Houston, Texas)

BUY KLEENEX* IN THE SERV-A-TISSUE BOX
It Saves as it Serves—one double tissue at a time



KLEENEX* DISPOSABLE TISSUES
(**Trade Mark Reg. U. S. Patent Office*)

MEN LOVE Peppy GIRLS!

IF you are happy and peppy and full of fun, men will take you places. If you are lively, they will invite you to dances and parties.

BUT, if you are cross and lifeless and always tired out, men won't be interested in you. Men don't like "quiet" girls. Men go to parties to enjoy themselves. They want girls along who are full of pep.

For three generations one woman has told another how to go "smiling through" with Lydia E. Pinkham's Vegetable Compound. It helps Nature tone up the system, thus lessening the discomforts from the functional disorders which women must endure in the three ordeals of life: 1. Turning from girlhood to womanhood. 2. Preparing for motherhood. 3. Approaching "middle age."

Make a note NOW to get a bottle of famous Pinkham's Compound TODAY from your druggist. Enjoy life as Nature intended.

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For First Aid in relieving common skin ailments or skin injuries always rely on

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Now lift off corns

AND RELIEVE PAIN QUICKLY

Just put a few drops of Freezone on that aching corn and you'll make the wonderful discovery many thousands have made. Pain is quickly relieved. And soon the corn gets so loose you can lift it right off with your fingers. You'll agree that it's a quick, easy way to relieve pain and remove hard and soft corns, even corns between the toes. Any druggist will sell you a bottle of Freezone for a few cents. Try it.

FREEZONE

A rock garden that really fits

[Continued from page 21]

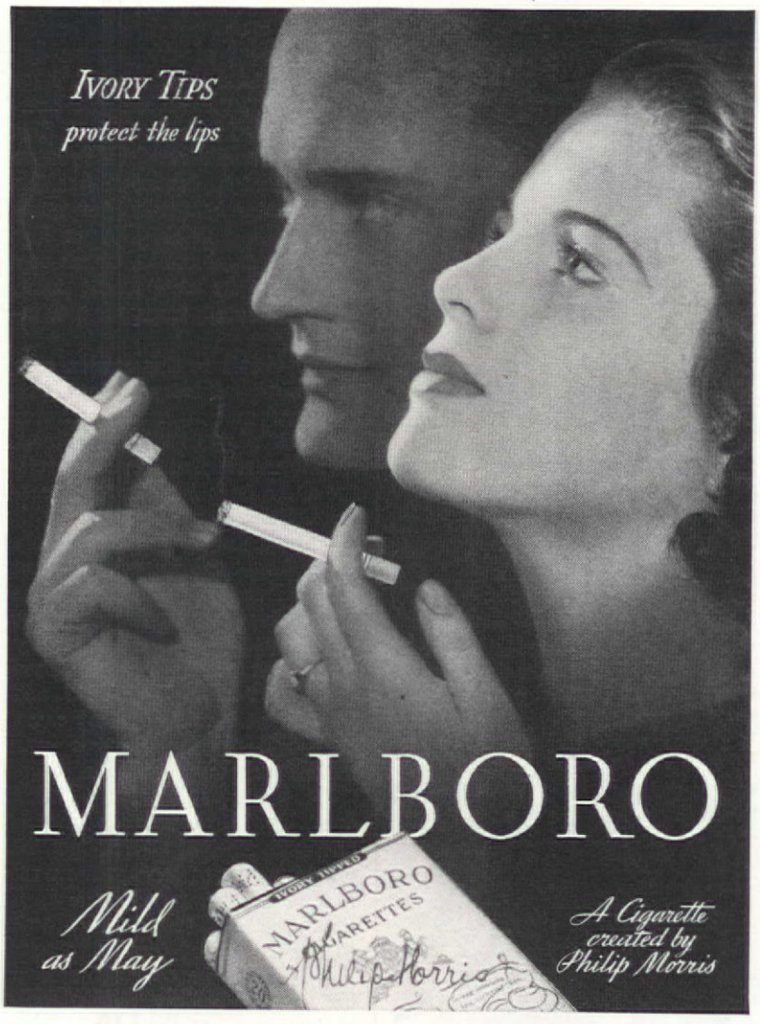
to develop in such planting. The only plants she feeds are her Dianthus (neglectus, roysi, alpinus, and microlepis) which are given in August a top dressing of one part well-rotted and very fine manure mixed with two parts screened soil.

Guard against fungus

One of the things that has to be guarded against is the mustard seed fungus (presumably crown rot—Ed.). The mat-forming plants, such as Veronica repens, aubretia, arabis, and Mazus pumilio, are critically inspected when hot, humid weather comes; if it is found that they are thinning out, the foliage is lifted and rock chips are scattered underneath to protect the foliage from the soil moisture and at the same time, permit prompt drainage after rainfall. To rout the fungus, the plants are sprayed or dusted with a fungicide.

The lovely white shrub, Daphne odora, which generally refuses to winter outside in this climate, has survived two winters in Mrs. Billstein's gardens, including the severe one of 1935-36. True, it had the protective covering of salt hay which is given the entire planting every fall. But this is not a heavy covering, just enough to shade the roots. Brush is laid over the hay until the winter rains have matted it down to stay until early spring.

Another plant, usually considered too tender for outside wintering, that has lived through two winters here is Nierembergia rivularis, that little wilding from Missouri with large white cups. Coming into bloom in June, it continues until frost. Haberlea ferdinandi-coburgi, which some authorities have declared cannot be transplanted, has been moved successfully by Mrs. Billstein. "I had two well-grown clumps when I came here," she reports, "and thought I would try transplanting. I pulled both plants apart with my hands, separating them so that each division had roots. All, when set out here, grew in spite of what might be called such rough treatment. I tried transplanting ramonda, too, with equal success. But I must add that plants so disturbed and divided need special after-care for six months or more. They should be planted very firmly and should not lack moisture while they are becoming established. Speaking of ramonda, it will 'behave its prettiest' only when planted against the vertical face



"Honesty is the best policy"
— CERVANTES

WE have tried to do what every normal man and woman in the world is trying to do, and that is to make lasting friendships. For fifty years we have held fast to that thought, and it has been the determining factor in every decision governing policy, material, and workmanship. We have built our business by putting our signature, *the Mérode label*, on every garment and making that signature the pledge and bond of every person in our plant. We have felt that substantial business could be built only by giving a quality meaning to a name established and adhered to.

We know that this is the right policy — we have thought it — lived it—proved it. Every undergarment bearing the Mérode label is honestly made and fairly priced. Promotion of "bargain" merchandise over unknown, easily disowned labels is destructive to public confidence and puts a premium upon unwise, and even unscrupulous, manufacturing. The Mérode label is your protection — your assurance of value. With changing seasons and style trends, Mérode garments are changed to keep abreast of public preference —but the label and its meaning do not change.

If you believe in the principles we have outlined in this statement, we ask that you patronize the store where Mérode garments are sold—that you give preference to Mérode because in so doing you are protecting your own pocketbook.

Mérode undergarments are made in all prevailing styles and fabrics and in popular price groups. Your money's worth — always, if it is Mérode made.

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The biggest little bathroom

KOHLER LAVETTE

WHAT ABOUT that closet under the stairs, with the old slouch hat, the broken tennis racquets, the winter coats you never wear? Why not clean it out, and turn a seldom-used nook into the most useful room in the house—a Kohler Lavette!

PRESTO—the "biggest little bathroom"! Consists of: (1) Kohler's compact Strand lavatory with convenient shelf for comb, brush, powder. (2) The *quiet* Wellworth toilet that looks like one piece but is really two. Together, the downstairs bathroom you've always hoped for!

• • •

A space 3½ feet by 4½ feet is ample for the new bathroom that saves time and steps, quickens the tempo of family life, pleases host and guests alike. Ask your Master Plumber how easily a Kohler Lavette can be yours. Kohler's 3-year Time-Payment Plan is designed to bring fine living to modest budgets. Free 4-color booklet, "Planned Plumbing and Heating," on request. Kohler Co. *Founded 1873.* Kohler, Wisconsin.

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of a stone, for it objects to having rain drops fall directly on it."

An enemy of this garden has been the field mouse which likes especially to chew off the campanulas, and sometimes even digs down and eats the roots. To reduce these winter depredations (an open winter brings mice in numbers) Mrs. Billstein lifts the hay from the campanulas, traces any damage to its most recent point, then sets small traps for the invaders.

Any visitor to this garden soon notices that silvery lichens and feathery mosses grow wherever the rock plants have not spread, giving an effect of luxurious foliage and a fresh, woodland appearance. The owner explains that this condition, usually associated only with long-established plantings, results from the fact that she was fortunate in securing rocks of the right type. They came originally from New Jersey but had been lying in a field, were old and weather-worn and, in many cases, were covered with moss and lichens when she got them.

"If you start a rock planting in spring," Mrs. Billstein says as one more piece of advice, "get the plants in just as soon as the frost is out of the ground. Here, it should be from the first of March to the middle of April. If planting is done in the fall and a hard winter follows, one is likely to lose some of the plants."

Roses for the small plot

[*Continued from page 88*]

ber, because of an early killing frost, only 3. But the yield for the entire season was 342 lovely blossoms.

Everywhere we went we were welcome, for we bore gifts of exquisite beauty from our garden; buds for all the new babies and full-blown roses for our many friends. For the first time in our married life we were able to carry out the lovely old custom of presenting our dinner hostesses with fresh-cut flowers. Throughout the summer, the elusive scent of tea roses hung over my living room, and how I reveled in this new found luxury!

Enthusiasm was probably responsible for part of our success which certainly did beget more enthusiasm. The next fall found us turning a corner of the lawn into another crescent-shaped rose bed. We proceeded exactly as before, but as we had room for more plants than in our first plan, we chose the following: Countess Vandal; Frederico Casas, Edith Nellie Perkins, Nuntius Pucelli, Herbert Hoover, Rev. F. Page Roberts, Ami Quinard (one of the deepest red roses available with petals of such deep maroon that they appear almost black), Betty Uprichard, Amelia Earhart, Golden Dawn, Mrs. E. P. Thom, Mrs. G. A. Van Rossem, Syracuse, Edel, Padre, and Talisman. Again we chose color, and were well pleased with the wide range in this newer plot.

Our second year of rose growing was a bit more systematic in that we tried to keep an accurate account of each variety as to performance and quality. We found our first bud on Etiole De Holland, and Talisman gave us fifty-three of our season's blooms. We also noted, with much satisfaction, that we had cut more than sixty dozen flowers during the summer, not counting those lost through debudding. The last day of September, we cut seven nice buds to carry to a friend in the hospital and after the nurse had placed them on the dresser beside a bowl of hothouse buds, we offered no apologies, for our flowers were more striking in their freshness and coloring than those from the florist. We were the more pleased when our friend noticed and called our attention to the fact.

Much of our pleasure in growing roses has been the sharing of their beauty and fragrance with others. Every one loves this flower, but so few can afford to buy them. It is always with complete happiness that we offer visitors to our garden a bursting bud or a full-blown rose. But I think our cup of joy was filled to overflowing when the chairman of one of our local garden clubs asked permission to list our small plot among those open to visitors. Rather than plan the usual garden tour, such as had been featured for several years, the club listed those gardens which were stressing certain flowers. Among those who visited our garden one day was a man who had driven thirty miles, for he, too, was a grower of roses. He walked about the beds, then stopped beside the gorgeous Mrs. Sam McGredy, and, without a word, knelt and drank in the beauty she was offering that lovely Sunday afternoon. All memory of backaches, calloused hands, and thorn-pricked, bleeding fingers faded into the background. The debt had been paid in full by the admiration he displayed.

Do try to include roses in your gardening plan, even if you can have only a very few. If no other spot is available, plant them around a bird bath; the combination of gray stone showing through the warmth of rose petals and bronze-green foliage will satisfy the soul of any lover of beauty. And, after all, isn't that the true mission of flowers?

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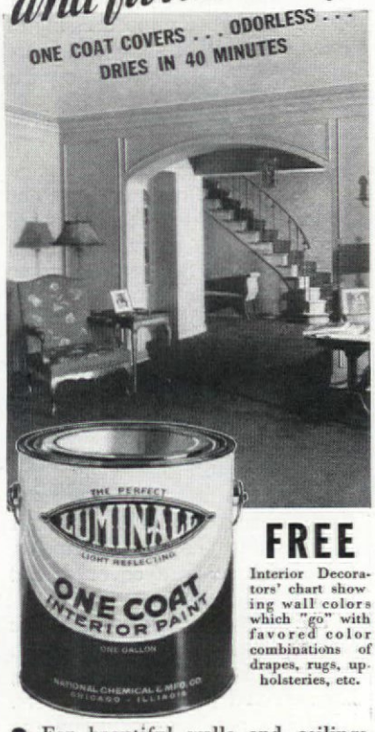

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Interior Decorators' chart showing wall colors which "go" with favored color combinations of drapes, rugs, upholsteries, etc.

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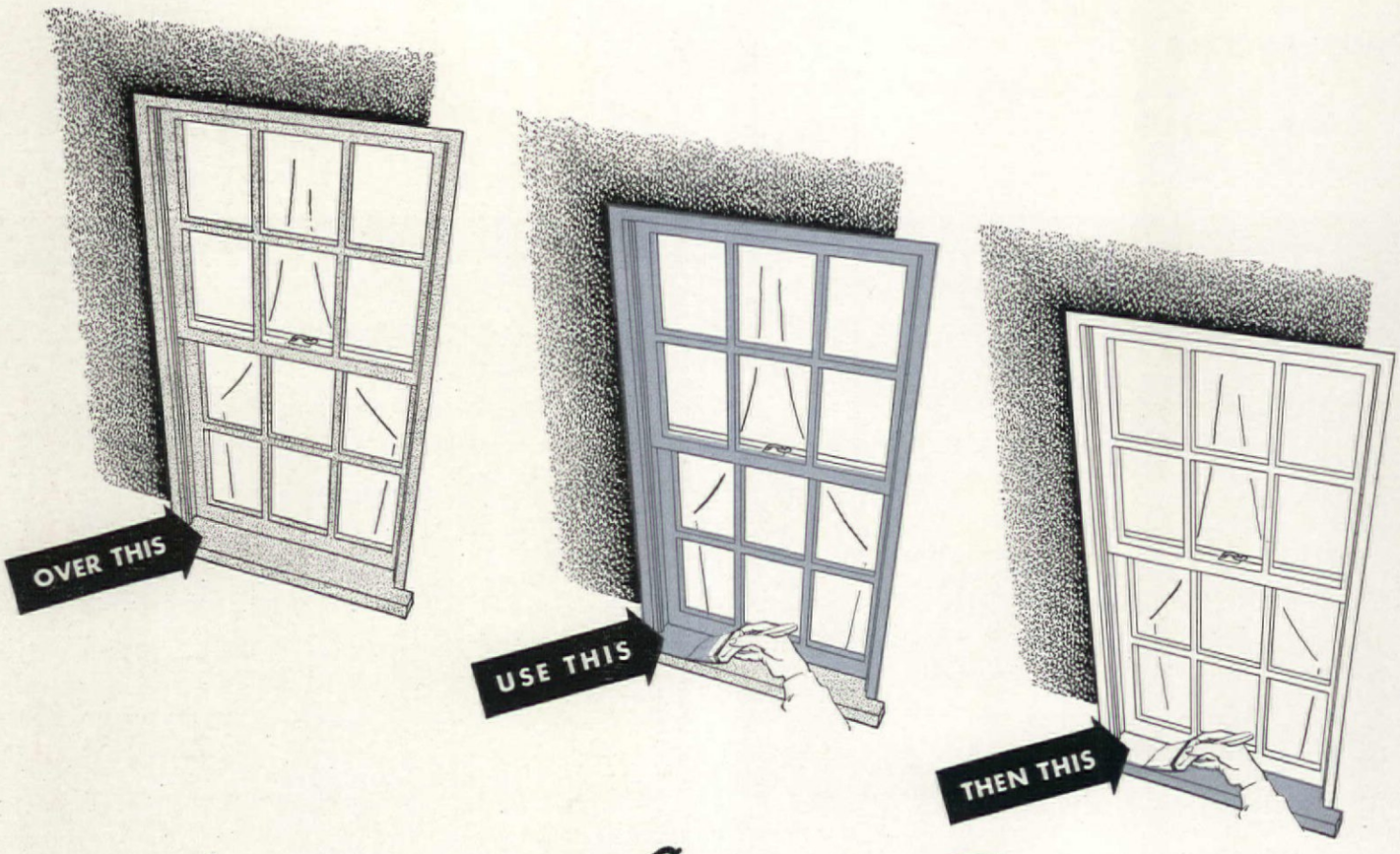

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In a single priming coat there are five to ten layers of overlapped Aluminum flakes. They seal out moisture and sun rays. This reduces swelling and shrinking of the wood. Keeps top coats more elastic, too. Result: Paint adhesion is improved; your paint lasts longer.

Ask your painter to figure on Aluminum priming for your windows. For your screens and storm sash, too. Finish with the usual two top coats in whatever color you choose.

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ALUMINUM PAINT

ALL-AROUND DAHLIAS

EDWARD SALBACK

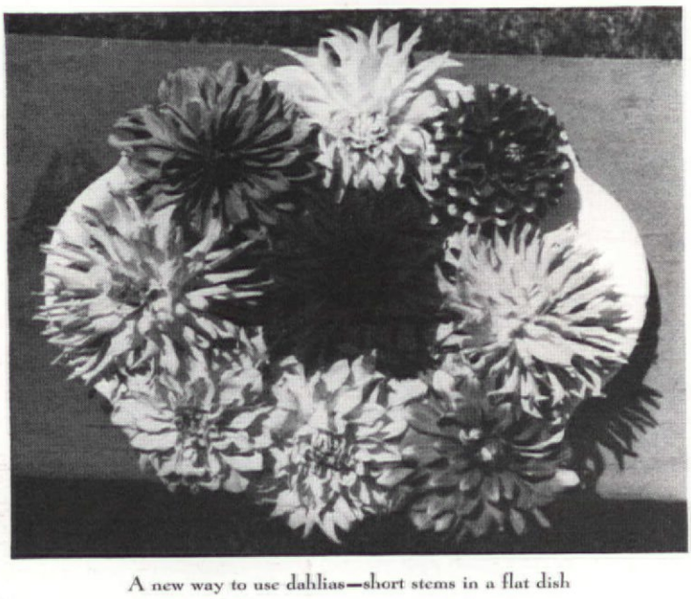
THE DAHLIA season, like Gaul, is divided into three parts—he blooming season, the catalogue eason, and the planting season. The third of these is nearly with s, and we dahlia fans are thinking in terms of honor rolls, chievement medals, blue ribbons, nd such symbols of championhip caliber as we have been reading about in the various catalogues and dahlia journals. There re many died-in-the-wool fans who follow the records of the seaon with such avid interest that hey select and purchase a large number of each season's new introductions. Others grow "just dahlias." Then there are many more who like to have good. new "championship caliber" dahlias, but have neither time, space, nor money to try to keep up with the hundreds of new varieties introduced each year.

Actually, an amateur grower of this type can have a planting of more consistently outstanding dahlias than many an enthusiast who has all the very latest. This sounds funny, but actually it is logical. Most awards for new dahlias are made on the basis of the show table display of selected blooms taken from plants grown for show alone; poor specimens may have been left on the bush, and judging done the first day of a show naturally cannot take keeping quality into consideration. Again, the growing conditions of that particular season may have influenced the flowers favorably. With these thoughts in mind, it is my belief that a season or two after their introduction, it is possible to select championship dahlias from among the champions—what you might call an "honor roll of honor-roll dahlias." They would include only such dahlias as really prove themselves to be super varieties, good not only as exhibition varieties, but as first class, all-around doers.

Keeping my list just as small as possible, I find myself with a set of recent introductions (1938 releases omitted as requiring still further trial), everyone of which is really a "must have" dahlia, good in every way, shape, and manner.

One-third of my list comprises yellows. California Idol has perhaps led this class in the number of prizes won, and deservedly so. It is a clear, deep lemon yellow, and its only fault is that if grown for maximum size, the stems will sometimes snap. Miss Glory, a yellow semi-cactus, is a marvel, full of beautiful blooms; and Milton J. Cross, a fine big dahlia on unusually long stems, is a real champion, too. Leonora, inclined to the somewhat formal form of California Idol, but lighter in color, is also outstanding. It is new to America; in fact, I am not sure but that it is still under import restrictions and therefore not yet available in the United States.

Next in number come the reds which are headed by the sensational Mrs. George Le Boutillier, perhaps the largest dahlia grown. It is a deep, rich, most velvety tone, and it is hard to believe that the flowers can be so large and still remain graceful. The stems are always long and sturdy, but the huge flowers are so heavy that those who disbud and fertilize had also best stake up their prize blooms. Bauer's Ideal, vivid scarlet red, is not as large as Mrs. Le Boutillier, but ranks close to it in value, having the most brilliant red tone that I know of



A new way to use dahlias—short stems in a flat dish

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ALUMINUM WINDOWS let in more light. Frames and sash are extremely narrow, so wall openings are almost entirely glass. For equal glass areas, you gain valuable interior wall space with Aluminum windows.

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City ..... State .....

among dahlias. Morever, it is an ideal grower that gives blooms, blooms, and still more blooms. Another, unusually free-flowering, is Anna Benedict. This rich dark red is one of the first to bloom, and the very last to stop, yet it is practically covered with flowers throughout the season. Margrace is a huge, striking scarlet variety, with a slight yellow reverse toward the center. The twisted petals give it a very graceful appearance.

Two in the pink shades I can fully recommend. They are Frank Serpa, a beautiful pale pink shading to white, and Alec Craig, a pink cactus that shades to white at the center. Two other pinks new in color tone are Julia Irene and Broomall's Pink; although I have seen them growing only once, and therefore do not consider them part of this list, I believe they will bear watching next year.

Last but not least come two varieties that fall in the golden-bronze or grenadine-tinted yellow classification, both hard to describe as to color. Golden Age, a rich, luscious golden bronze, is one of my personal favorites. Of good, but not gigantic size, it is so rich in color and so fine of form that it will long remain a championship dahlia. The other, Angelo Rossi, shading from yellow to faint grenadine, is one of the few large dahlias that is also tops in being a beautiful, free-flowering variety.

The list just given is selected from an all-around viewpoint that takes size, color, beauty, keeping quality, form of flower, habit, and other factors into consideration. However, for those who pay particular attention to size, two more varieties, both fine in other respects too, are Sanhican's Cameo and Eagle Rock Fantasy. The former barely missed my list of "champions of champions"; the latter is kept off only because it hasn't sufficient substance to keep well in hot weather.

Have you an attractive nuisance in your home?

[*Continued from page 46*]

English common law to statutes in force in the United States.

The legally minded find in this "law of negligence" an engrossing study because of its many transitions. In earlier—and supposedly less enlightened—ages, the main problem in the event of an accident was to determine who was guilty of negligence. Today, the question appears to be, "who will pay," irrespective of negligence.

The public, not without encouragement from the legal fraternity, has become definitely "claim-conscious." Sometimes well-nigh fantastic claims are brought before the courts. As an example, consider the case of the spiritualistic medium whose car was nudged by a truck in Chicago and who was awarded $2,000 by a jury for "loss of her psychic powers." Or the case of the eleven-year-old girl who was so frightened by ghosts and goblins in a tunnel-ride at a New York amusement park that a jury awarded her parents $6,000 to offset the effects of her fearful experience.

There is also a tendency toward higher and higher damage judgments. Verdicts of $10,000 awarded to one person are common, and $50,000 to $75,000 judgments are not infrequent.

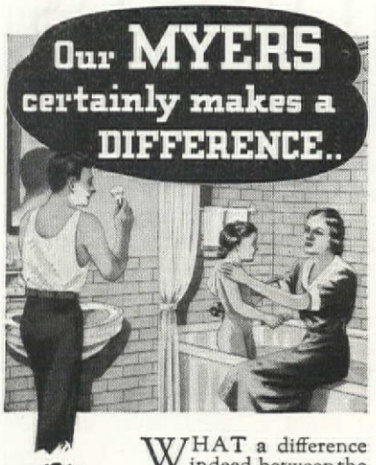
The only protection against this "claim-consciousness" available to the householder appears to be insurance. Almost every householder is familiar with the provisions of fire insurance, burglary insurance, and heating boiler insurance, but comparatively few are acquainted with residence public-liability.

As any one who owns automobile public-liability insurance would guess, residence public-liability provides a somewhat similar protection. The cost, naturally, is much less than that required for automobile public-liability, inasmuch as the hazards of home, unlike those of travel, are localized. (Trailer homes, of course, excepted.) The premium required is in keeping with the underwriter's axiom: "The less the risk, the less the cost."

If you were to count the number of "outsiders" who enter your premises for legitimate reasons during the day, the total would probably surprise you. Each one—guest, servant, delivery boy, laundry man, milkman, postman, gardener—is a possible claimant against you. So also are such occasional visitors as meter-readers, fuel men, interior decorators, tailors, odd jobs men, and various kinds of service men, not to overlook mere passers-by and the neighbors' children.

By the terms of a residence public-liability policy, the insurance company assumes all legal responsibility incumbent upon a householder for any injuries sustained on his premises by any person except those of his family or those regularly in his employ. The policy also provides liability for damage to other persons' property on the assured's premises. Supplementary coverage includes protection against personal injury and property damage caused by the policyholder's dogs, saddle or driving horses.

The files of insurance companies literally bulge with stories of strange mishaps that have precipitated damage suits against property-owners. One of the odd-



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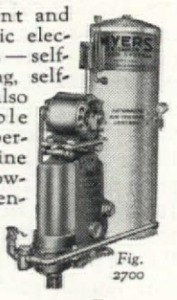

Fig. 2700

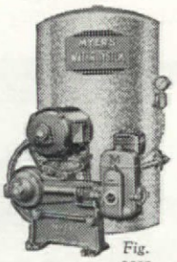
Fig. 3012

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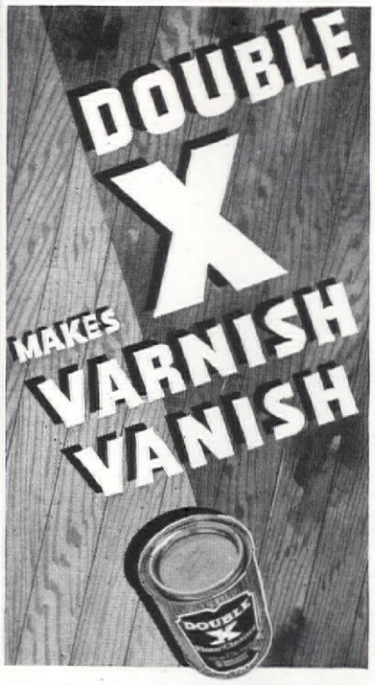

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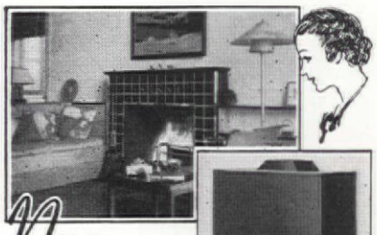

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est concerns a simple iron retaining bar embedded in a curb on a Chicago street. The incessant scuffling of thousands of feet over a period of years gradually loosened the bar. No one, least of all, the owner of the fronting property, noticed the condition. Then one day an automobile shaved the corner sharply, catching the loose end of the bar. Like a long-dormant serpent suddenly brought to life, the metal strip shot up through the floor of the car and severed a passenger's leg. A trillion-to-one shot, yet it happened. That's the way with accidents; If they weren't unpredictable deviations from the ordinary course of events, they really wouldn't be accidents.

Less sensational, but likewise a story in which the hazard grew by imperceptible stages, was another Chicago mishap. A large tree shaded a walk. Through the years, the roots of this fine old tree had spread and grown until one of them raised a slab of sidewalk a half-inch above normal surface. It all took place so gradually that no one noticed until one day a young woman caught a high heel on the upraised slab, fell, and was injured. A jury awarded her $12,500.

Doubly tragic because it seems to have occurred quite inexorably is the case of the Sioux City lad who, running through a neighbor's yard, fell on an iron stake concealed in the shrubbery. Death followed almost instantly. The bereaved father claimed that the stake had been set out to keep children from trespassing; the property owner denied all knowledge of the existence of the stake. A jury, its sympathies divided between the anguished parents and the bewildered defendant, gave a verdict of $4,000.

Few of us, thank heaven, fancy lions as pets, as did one resident of California. Leo's deportment had been quite exemplary until one evening in a playful mood he bit a week-end guest. There is something of the grandiose in being nipped by a king of the jungle, something which seems to warrant complaint in the grand manner. The victim arose to the occasion by suing for $200,000. He didn't get that much, but he got $7,000, which after all isn't a meager sum.

While few of us go in for lions as pets, many of us keep dogs. Some six million of us do, if you'll accept a guess. In New York City alone last year, 20,416 persons (and that's a fact, not a guess) required medical attention because of dog bites. Insurance men will tell you that a dog bite is no trivial matter, for claim payments average between $50 and $100. Frequently, claims of more than $1,000 are paid by insurance companies for dog bites.

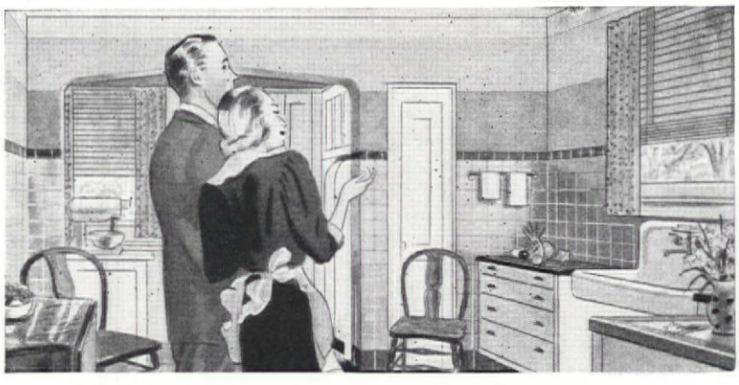
MR. D. AND MRS. D. GO TO TOWN . . .

THANKS TO GENUINE MASONITE!

MR. D.—Why so glum? You used to *like* to go to the movies.
MRS. D.—You'd be glum and fagged out if you had to work all day in that gloomy kitchen of ours.

Scene from Warner Bros. "Hollywood Hotel"

MR. D.—Say, this reminds me . . . I understand this movie set is made with MASONITE—the same grainless boards people use for modernizing their homes. I'll find out about that kitchen.



MRS. D.—Fred, it's gorgeous! So neat and spotless—and so easy to keep that way. I'll have dinner ready in no time. Then let's go somewhere and dance.
MR. D.—With all the money MASONITE saved us we can afford the theater too. Come on, Mrs. D., we're going to town!

• • •

This smart, modern kitchen has MASONITE PRESDWOOD TEMPRTILE on the lower walls. Upper walls and ceilings are MASONITE TEMPERED PRESDWOOD. These gleaming surfaces are easy to keep clean and, properly applied, will not warp, crack or chip. Mail the coupon for FREE samples and full details about Genuine MASONITE.

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Made of gleaming white, easily-cleaned, vitreous china—so designed that it may be placed away from the wall, protecting the beauty of the room—leaves no hidden crevices in which dirt may collect.

The HANOVER has the same efficient reverse trap flushing action found in far more costly closets with no sacrifice in quality.

If you are planning a new home—the HANOVER will give you maximum efficiency for your building dollar. If you are considering remodeling, replace that old closet with the modern HANOVER.

Call your Master Plumber

He can quickly obtain the HANOVER *from the nearest Crane Branch or Wholesaler—on the Crane Budget Plan if you like.*

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"Towser wouldn't hurt a flea," is a dog-owner's customary assurance to visitors who evince fear of the family pet. But the actions of dogs, even the best behaved, are, like accidents, unpredictable. Dog-bite claims submitted to insurance companies invariably contain the naïve statement: "This is the first time our dog ever bit anyone."

A typical first offense from the files of one company: Jerry was a German police dog owned by a Long Island household. One day the assured received a business caller who brought his ten-year-old daughter with him. The child remained outside the house while her father conferred with Jerry's master inside. Jerry was leashed to his kennel. Up to that time, he had been a mild-mannered, friendly animal. But, at the sight of the little girl, he went berserk, broke from his harness, raced across the lawn and seized the child's face in his jaws. The horrified dog-owner and the frantic father, hearing the child's screams, rushed to her rescue. They had to pry the animal's jaws apart to liberate the little girl. The insurance company settled the case for nearly $3,000.

In one case, the Nebraska Supreme Court awarded a woman $3,500 merely because she was frightened by a dog. She was passing a home when the watchdog growled menacingly at her. In her fright, the woman fell, causing injury to her "person and nerves." The court decreed that if fear of an animal produces an injury, actual attack is not necessary to justify redress.

In regard to dogs, this fact should be borne in mind: A residence public-liability policy provides liability only for injuries caused by the policyholder's dog while *on* the premises. For injuries caused by dogs *off* their owners' premises, a separate dog liability policy must be obtained.

Have you an "attractive nuisance" at home? In case this seeming paradox baffles you, it would perhaps be well to explain that an attractive daughter who is a nuisance to the neighbors because of her piano-practicing is not the kind of "attractive nuisance" that is referred to in this legal phrase.

"Attractive nuisance" is a legal concept accepted in many states in relation to public-liability. It is based on the proposition that a minor is not responsible for his acts. If, therefore, a child becomes injured on your property, even though he is trespassing, the device which caused his injury is a "nuisance" which was "attractive" to his juvenile mind.

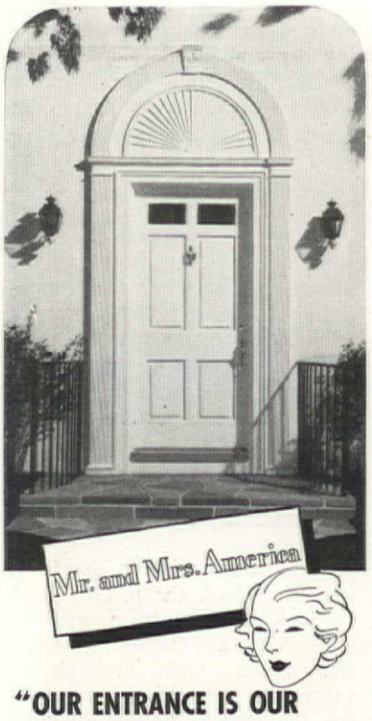
Those of us who retain childish fancies can understand the impulse to use a nice, slanting garage roof as a chute-the-chutes, to utilize the neighbor's clothesreel as a merry-go-round, to go paddling in a neighbor's frog pond or to do the human-fly act on the flower trellis in the garden of the house next door.

Recent "attractive nuisance" cases have bordered on the bizarre. Some of the legal logic propounded in them defies comprehension. An example may be found in a recent case tried in the Idaho Supreme Court: The defendant had a building set in a yard enclosed by a fence. The building was locked and the fence gate closed. Two boys, about nine years of age, found an opening underneath the fence, through which they squirmed into the yard. Then they piled up a number of objects until they were able to enter a window some distance from the ground. Entering the building, they took (the court does not say "stole") several articles, including some dynamite caps. Later, one of the boys was picking at one of the caps with a wire. It exploded in his hand, causing severe injury. Suit was brought by the parents for damages. A lower court declared nonsuit, but on appeal, the higher court reversed the non-suit and the defendant was compelled to fight the suit.

A verdict of $75,000, one of the largest in upstate New York history, was returned three years ago in an "attractive nuisance" case in a court at Niagara Falls. A ten-year-old boy was playing in an old automobile parked on the defendant's premises. He removed the cover of the gasoline tank, located under a seat in the car. Later he was standing on the running-board, idly striking two stones together. A spark from the stones ignited fumes from the gasoline. The boy became enveloped in flames and as the result is disfigured for life. The owner of the old car claimed the lad was a trespasser. The child's parents claimed the defendant maintained an "attractive nuisance." The jury agreed with the father, to the tune of a sizable fortune.

In Baltimore, the parents of a ten-year-old lad were awarded $6,000 for burns received from a bonfire on a neighbor's property. As boys invariably will, he was playing near the fire when a spark flew onto his cowboy suit. As he ran away in panic, he fanned the flames and was burned to the waist. The fact that the boy "had no business there" proved a poor defense for the property owner.

Few of us are wealthy enough to pay damage awards without feeling it. Fewer still are sufficiently familiar with the intricacies of the law to protect what wealth we own. The only solution seems to be public-liability insurance.



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And that's why it pays to choose your entrance with care. For whether you are building or remodeling, a distinctive entrance will keep your home up to date. It will help maintain beauty, distinction and value. That's why owners of older houses often select more friendly entrances.

For 1938 Curtis offers you a beautiful new line of architecturally perfect entrances—styles to fit each type of house and every pocketbook—for any house regardless of its cost. They were all designed by Dwight James Baum, one of America's foremost architect designers. And, in addition, Mr. Baum designed for Curtis several new mantels, cabinets and stairways. They are exquisite, delightful, modern works of art in wood. You'll be surprised at their amazingly low cost!

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1937 achievement medal awards

[Continued from page 66]

dens, and the Indianapolis Dahlia Gardens, whose Mr. R. A. Wenning grew the original plant. It also won the American Home Achievement Medal at the Louisville show of the Kentucky Dahlia Society, and at Storrs received a certificate with a score of 85.

Irvington, N. J., Sept. 16. Irvington Garden Club—Mr. John C. Metzger, Irvington, for Robert R. Anderson, a dark crimson maroon hybrid cactus with slightly rounded petals. The plant makes five feet and the flowers nine to eleven inches in diameter when disbudded and five inches when not disbudded.

Sally Lou, Wisconsin

Grand Master, Ohio

Rialside King, Boston

Louisville, Ky., Sept. 17. Kentucky Dahlia Society—Sparks Dahlia Gardens, Columbus, Ind., for Pink Elegance, already mentioned as winner at Indianapolis.

Milwaukee, Wis., Sept. 11. Dahlia Society of Wisconsin—Mr. Walter Bissell, Austinburg, Ohio, for Sally Lou, a semi-cactus of dark orange overlaid with tan—true autumn shades. About seven by four inches in size, the flowers are excellent for both exhibition and arrangements and the foliage is an attractive dark green. "This medal," says Mr. Bissell, "is the first that one of our own seedlings has won and it will be one of our most treasured possessions."

Peekskill, N. Y., Sept. 17. Peekskill Dahlia and Gladiolus Society—Mr. Ed. J. O'Keeffe, Cold Spring,

An attractive small house recently completed in Franklin, N.H. Of traditional New England architecture, it is stained with Cabot's Creosote Stains. The architect is Edward Sears Read of Boston.

Beauty in Stains

that save you Money every year

Economical in first cost and in upkeep, Cabot's Shingle Stains will give your house a lovely natural beauty which you cannot duplicate with other materials. Their full rich colors — and remarkably long life—result from the patented collopaking process in which the pigments are divided hundreds of times finer than is possible by other methods of manufacture. The *creosote* stains penetrate and preserve the wood, giving a transparent effect which reveals the textured beauty of your shingles. The new *heavy-bodied* stains give a more opaque, uniform finish which turns flat at once, avoiding any shiny or "painty" appearance.

FREE BOOKLET — *Stained Houses* — Write today for *Stained Houses*, a new booklet containing many helpful suggestions for the owner of a shingled or clapboard house. It shows photographs of many houses stained with Cabot's Creosote or Heavy-Bodied Shingle Stains, and describes the advantages of each. Address Samuel Cabot, Inc., 1232 Oliver Building, Boston, Mass.

Cabot's Shingle Stains

Creosote *Heavy-Bodied*

The shingled roof and walls of this spacious house in Minneapolis, Minn., are stained with Cabot's Stains. (The shutters are painted with Cabot's Green Glass Collopakes, the trim with Cabot's DOUBLE-WHITE. *Insulated throughout with Cabot's Quilt). Architects, McEnary & Larson, Minneapolis.*

Andersen

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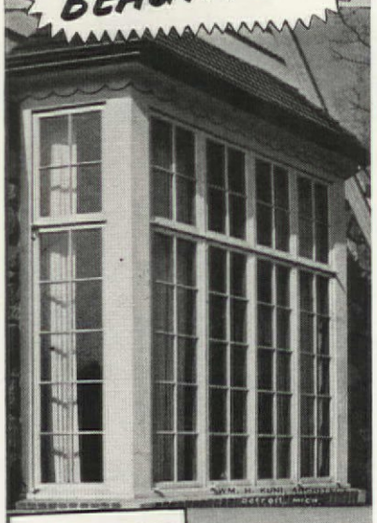

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Spring bronze weatherstrips plus superior Andersen craftsmanship eliminate leakage of air, dust and water. The removable double glazing reduces heat loss through the glass 60%.

GIVE YOUR HOME A DEFINITE PERSONALITY!

Andersen Wood Casements harmonize beautifully with any style of architecture . . . they will lend character and charm to your home, be it large or small.

Women are delighted with the utility of Andersen Wood Casements. They are easy to operate and easy to clean. Special inside control opens and closes the casement with the screen in place—without interfering with drapes or blinds. Double glass and screen are removable from the inside. Extension hinges permit washing outside glass from inside.

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☐ I am interested in building a home.
☐ I am interested in modernizing my home.

N. Y., for Dahlia Julius C. Bunge, a semi-to-medium cactus of a pure deep pink, about eight by three and a half inches in size. Five-foot plants with long, strong stems, robust foliage and flowers admirably placed.

Portland, Ore., Sept. 27.—Portland Dahlia Society—Mr. W. H. Brown, Victoria, B. C., for Shirley Temple, a hybrid cactus of opalescent pink shading to cream at the base. A free and constant bloomer, its ten-inch flowers are held erect on tall, stiff stems. [Criticism of the name chosen was reported, a California variety being said to have been introduced under the same name some years ago; but no word of any change has been received.—*Editor.*]

Richmond, Va., Sept. 28. Virginia Dahlia Society—Mr. R. O. Smith, Richmond, for Eva Hunt, a waxy white informal decorative, nine inches in diameter by five; long lasting, tight-centered flowers. The entry also won first place in the Show's "Court of Honor" over nineteen others. Mr. Smith uses three handfuls per plant of shredded cow manure at planting time and two handfuls of a 5-8-5 potato fertilizer about the first of August.

Rockville Centre, N. Y., Flower Show, Sept. 18—Mr. H. Dewey Mohr, Rockville Centre, for Sunrays, a large informal decorative of a bright apricot color with unusually long, stiff stems. Blooms average twelve inches and have fine keeping qualities. Originated by C. J. Straight of West Virginia, the variety received a certificate of merit at East Lansing, Mich., in 1936, and the highest score (87) in the West Virginia trial grounds. At Rockville Centre it won in both the seedling and the "best bloom in the show" classes.

St. Louis, Mo., Oct. 9. St. Louis Horticultural Society Fall Show—Mr. Raymond Grass, Bellerive Acres, St. Louis County, Mo., for Dahlia Frank Serpa, a white informal decorative with orchid shading, adjudged the most perfect dahlia in the show, no outstanding seedlings being shown.

Tacoma, Wash., Sept. 11. Washington State Dahlia Society—Mr. N. S. McKamey, Bremerton, Wash., an amateur grower, for Julia Mack, a large, full, formal decorative of mandarin red with gold at base and tip of petals. Strong stem, dark leathery leaves, blooms ten to eleven and a half inches in diameter. Winner in a class of nine, the variety will be introduced by the Franklin Gardens of Tacoma.

Washington, D. C., Sept. 25. National Capital Dahlia Society—Mr. Henry F. Cory, Linthicum Heights, Md., for Virginia Shipley, a formal decorative called by the introducer lemon yellow but by some observers at Storrs a golden shade. Good foliage, fair stem and, as exhibited, about nine and a half by four inches. As it was grown this year on virgin soil without fertilizing, staking, or shading, Mr. Cory plans to have it tried again at Storrs before offering it to the public.

A new book for dahlia growers

Appropriately enough, as we were preparing the foregoing notes, there came to hand the latest of dahlia books—"Modern Dahlias," by J. Louis Roberts (Doubleday, Doran and Company, New York, $2.00), which appears to be a thoroughly practical, simple, fully understandable manual for the home gardener. Concise chapters deal with such definite problems as the right place to plant, soil, preparations and planting, staking, feeding, control of enemies, propagation, storage, treatment of exhibition plants, exhibiting and even the construction of the modern cloth houses in which top quality blooms can be grown with the least risk. History and classification of the dahlia are also covered, but briefly, as is right in such a book. Clear line drawings illustrate a number of the fundamental points. It may be asked if there is room for another dahlia book. One answer is the author's statement that this flower plays the leading role at probably one thousand fall flower shows every year; another is the wide variety of types and forms now available;

Julius C. Bunge, Peekskill

and a third is the ease with which the plants can be grown even by a novice. Surely there is a place for a book that will turn novices into better growers—and that is just what this volume ought to do.—E. L. D. S.

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Broad-leaved evergreens

[*Continued from page 25*]

plant will bear all male or staminate flowers, while another will bear only female or pistillate flowers. Consequently, specimens of both sexes must be present to insure the fruiting of the pistillate plants; staminate forms never fruit. In general, one staminate plant can be used to each four or five fruiting plants and placed in the rear of them where it will be inconspicuous; but it should always be present and in close proximity.

The firethorn (Pyracantha) and Cotoneaster salicifolia floccosa are splendid in the fall with their bright red fruits which often remain on the plant far into the winter. Although, as members of

the apple family, they are both subject to more or less periodic attacks of borers, fire-blight, and scale, their ornamental characteristics are so pronounced that they are among the commonest of evergreens south of Philadelphia, and with protection they may be grown even as far north as Boston.

The barberries have bluish to black fruits and the mahonias bright blue ones that are most conspicuous. They appear in midsummer, but in both groups are so popular with the birds that they do not remain long on the plants.

Of the evergreen vines which are exceptionally good for winter screening purposes, the fiveleaf akebia (*A. quinata*) is one of the best, though it can only be considered as semi-evergreen in New England. It is a vigorous grower and not susceptible to severe infestations of insect pests or diseases. English ivy has been much used in the North on buildings and walls, and as a ground cover. In New England it should be planted only on the north side of buildings where it is not subjected to erratic changes of temperature in winter, but farther south it does splendidly in various locations. There, too, its relative, Hedera colchica, is a rampant grower, often growing to the tops of the tallest trees on some of the old Virginia estates. The Japanese honeysuckle (*Lonicera japonica halliana*) has escaped from cultivation in many places, become a weed, and made a general nuisance of itself. Yet because of its familiar sweet-scented white and yellow flowers, many people are willing to give it a place in the garden; moreover, the foliage turns a rich purple in the fall.

The evergreen wintercreeper (Euonymus radicans) and its several varieties are perfectly hardy, but unfortunately may become severely infested with scale. When this occurs, preventive measures should be taken immediately, since if it becomes firmly established in

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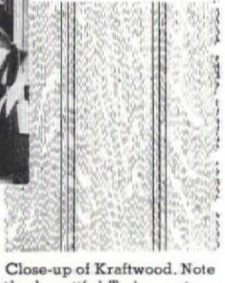
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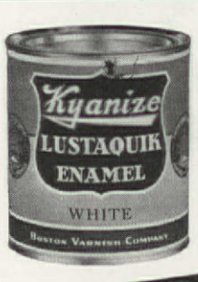

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old plantings about the only way to eradicate it is to cut the vines down to the ground and start all over again.

Among the broad-leaved evergreens grown primarily for their foliage are the cherry-laurel (*Prunus laurocerasus*), the Japanese euonymus, and several of the privets, magnolias, and hollies. The rich, lustrous dark green leaves of the cherry-laurel (there are many varieties, with schipkaensis the hardiest) make it so valuable for Southern gardens that it is easily one of the commonest of these materials there. It stands clipping very well and makes splendid hedges, but it can also be grown loosely to form a splendid specimen plant. The same thing can be said of the privets, particularly the Japanese privet.

How to use the key

It is easily seen that the term "broad-leaved evergreens" embraces a most useful group of plants. Because of their great importance to home owners interested in making their properties beautiful, a key has been worked out as an aid in identifying some of the important ones, as seen either in nurseries during inspection trips or already in use on other home grounds. It would be impossible in the space available to mention all, for many of the species noted have several horticultural varieties, each varying slightly from the true or type species in some characteristic such as height, shape, or hardiness of plant, color of fruit, color of leaves, etc. The key is made as simple as possible. To use it, simply go through the main headings and stop where the particular characteristic applies to the plant in question.

Suppose we are trying to run down a particular plant that has thorny leaves. Note that the first general heading is "Twigs thorny." If the twigs of our specimen are not thorny, pass immediately to the next general heading, which is "Leaves with thorn-like bristles on the margins." Since this is the case in our example, we now examine the plant with reference to the characters noted in the subheadings. First, are they (A) "pinnately compound," as in the mahonias illustrated on page 24. If not, go on to B, and then to C, and so on until one description fits. If the leaves are "simple and alternate" (D), find out whether they answer to description 1, 2, or 3; if they are "rectangular to oblong with three strong almost equal spines at the broad apex of the leaf," (1), then the plant in question is the Chinese holly (*Ilex cornuta*).

Many keys are made up with paired or duplicate characters. That is, if there is a general heading, "Twigs thorny," material that does not fit there would be carried to the next general statement, which would be "Twigs not thorny." In most cases this is so obvious that it seems useless to include such extra material in a key which one is trying to keep brief and simple. I believe that the accompanying key will prove comparatively simple if used with the foregoing explanation in mind. In other words, it is the five general headings in bold face type which are important, and to identify a plant properly one must go from I to II etc. consecutively until a heading is found which fits the plant in question. Then, the more minute characteristics are studied in relation to the subordinate headings in the same fashion.

Key to the More Used Broad-leaved Evergreens

I. Twigs thorny

A. Thorns branched, with two or three points always below the leaf. (Barberry)
   1. Leaves white beneath with wavy margin. Warty Barberry (*Berberis verruculosa*)
   2. Leaves green beneath without wavy margin. Wintergreen Barberry (*Berberis julianae*)

B. Thorns not branched, but simple and straight.
   1. Leaves glabrous and green beneath. Scarlet Firethorn (*Pyracantha coccinea* and varieties)
   2. Leaves with green or brown scales on the under surface. Thorny Elaeagnus (*Elaeagnus pungens* and varieties)

II. Leaves with thorn-like bristles on the margin (Holly types)

A. Leaves pinnately compound (made up of leaflets arranged in pairs along a central stem with one at the tip).
   1. Leaflets 5 to 9, lustrous dark green leaves. Oregon Hollygrape (*Mahonia aquifolium*)
   2. Leaflets 9 to 15, dull, bluish-green. Leatherleaf Hollygrape (*Mahonia beali*)

B. Leaves simple and compound on the same plant. (*Mahoberberis neuberti*)

C. Leaves simple and opposite. (*Osmanthus ilicifolius*)

D. Leaves simple and alternate. (Holly)
   1. Leaves rectangular to oblong, with three strong almost equal spines at the broad apex of the leaf. Chinese Holly (*Ilex cornuta*)
   2. Leaves more ovate, lustrous dark green above with wavy margin, red berries always borne on 2-year twigs. English Holly (*Ilex aquifolium*)
   3. Leaves ovate, foliage dull green above, margin of leaf not wavy and berries always borne on current year's growth. American Holly (*Ilex opaca*)

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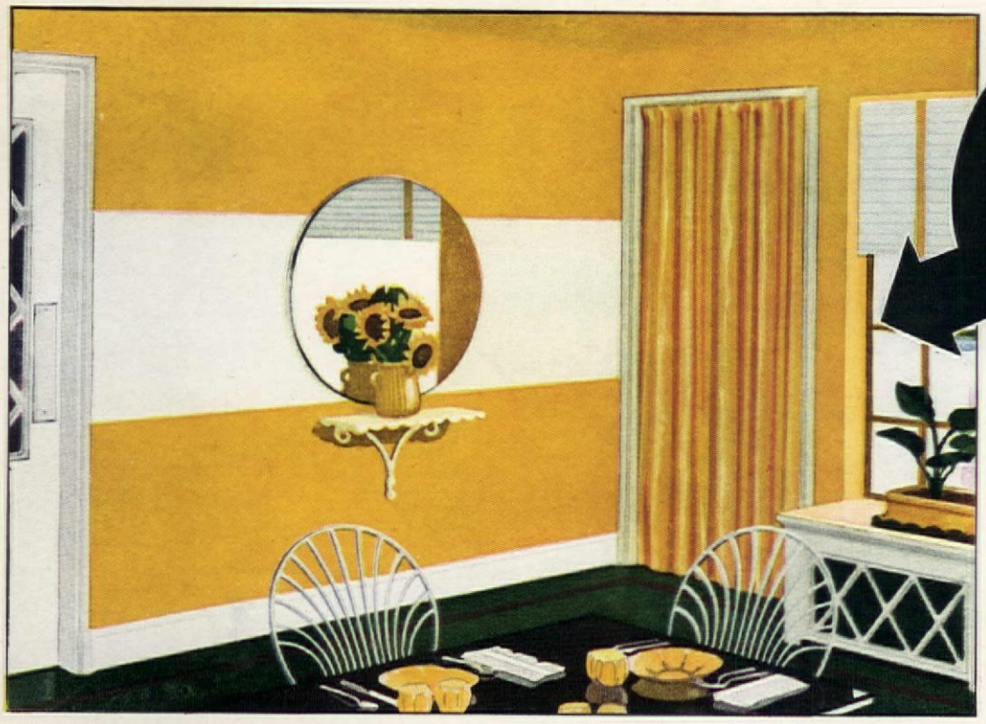

SUNFLOWER BREAKFAST ROOM. Look at the flamboyant sunflower and you will see the origin of this delightful "wake up and live" breakfast room. Such colors! The walls are a glorious yellow fairly bursting with sunshine. (Notice the contrasting band.) The floor is the lively green of the flower's leaves. The table, the black of its seeds. The trim, snow white. "Blue" breakfasts are next to impossible in such a cheery room.

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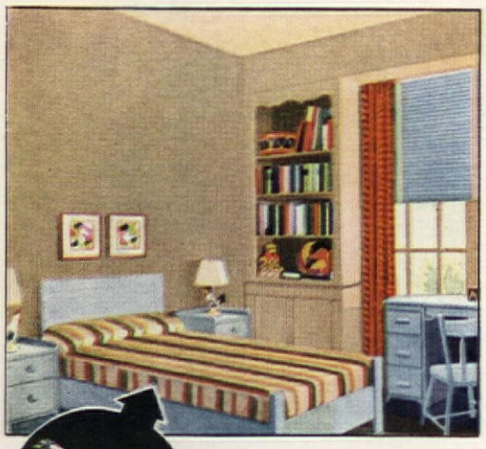
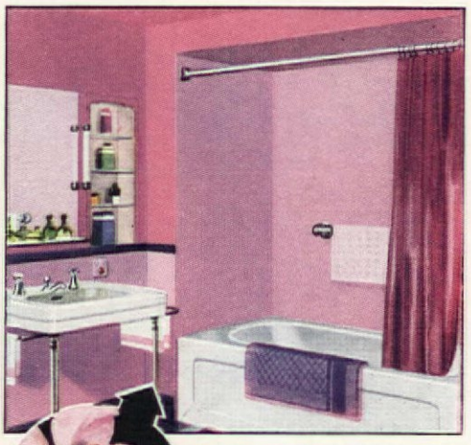


PHEASANT NURSERY. The lively shades of the Lady Amherst Pheasant have been spread through this lovely room. Warm browns for the walls and trim. Cool, attractive blue for the furniture and decorations.



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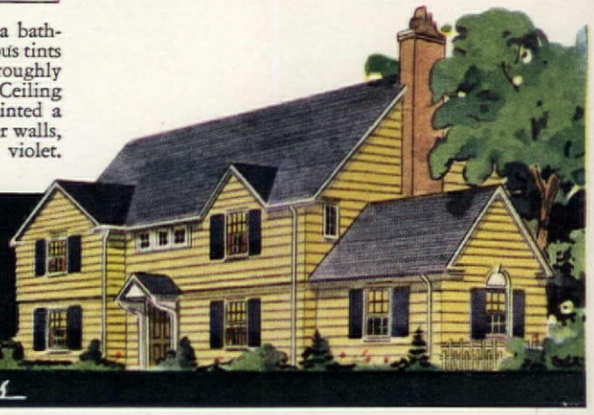

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III. Leaves compound

A. Leaves palmately compound (leaflets radiating from end of stem); plant a twining vine. Fiveleaf Akebia (*Akebia quinata*)
B. Leaves pinnately compound; plant a shrub. Nandina (*Nandina domestica*)

IV. Leaves opposite

A. Leaves toothed.
1. Leaves small, less than 1 in. long. Baby Wintercreeper (*Euonymus radicans minimus*)
2. Leaves 1 in. or more in diameter.
a. Leaf bases connected either directly or by a line. Glossy Abelia (*Abelia grandiflora*)
b. Leaf bases not connected, leaves oval about 1 in. long. Wintercreeper (*Euonymus radicans*)
c. Leaf bases not connected, leaves broad almost rounded about 1½ in. long. This form bears fruit. Bigleaf Wintercreeper (*Euonymus radicans vegetus*)
d. Leaf bases not connected, leaves 1½ to 2¾ in. long, lustrous and dark green above, plant a shrub. Evergreen Burningbrush (*Euonymus japonicus* and varieties)

B. Leaves entire.
1. Stems twining. Hall Japanese Honeysuckle (*Lonicera japonica halliana*)
2. Stems square. Common Box (*Buxus sempervirens* and many varieties)
3. Stems round, leaves 2½ to 7 in. long, strongly wrinkled above, gray or yellowish tomentose below. Leatherleaf Viburnum (*Viburnum rhytidophyllum*)
4. Stems round, leaves smooth and glabrous. (Privets)
a. Leaves 1 to 2 in. long. (Deciduous in the North) California Privet (*Ligustrum ovalifolium*)
b. Leaves 1½ to 4 in. long and a very dark glossy green above. (Not hardy north of Washington) Japanese Privet (*Ligustrum japonicum*)
c. Leaves 3 to 4½ in. long, light green above. (Not hardy north of Washington) Glossy Privet (*Ligustrum lucidum*)

V. Leaves alternate

A. Twigs and leaves aromatic when crushed. Southern Waxmyrtle (*Myrica cerifera*)
B. Stems climbing by rootlike holdfasts. English Ivy (*Hedera helix*), Colchis Ivy (*H. colchia*) etc.
C. Twigs with a stipular line (leaf scar outline) surrounding the stem.
1. Leaves 2½ to 4½ in. long, light green above, glaucous beneath. Sweetbay (*Magnolia virginiana*)
2. Leaves 4½ to 7 in. long, dark, glossy green above, rust colored and pubescent beneath. Southern Magnolia (*Magnolia grandiflora*)
D. Leaves with only a few teeth near the tip. Inkberry (*Ilex glabra*)
E. Leaves with many teeth on the margin.
1. Leaves brown dotted beneath. Daphne Rhododendron (*Rhododendron arbutifolium*)
2. Leaves small, less than one inch in length.
a. Leaves ½ to 1 in. in length. Japanese Holly (*Ilex crenata*)
b. Leaves less than ½ in. in length. Littleleaf Japanese Holly (*Ilex crenata microphylla*)
3. Leaves longer than 1-in. in length.
a. Leaves purple in winter; catkins present. Drooping Leucothe (*Leucothöe catesbaei*)
b. One-year twig slightly hairy; winter flower buds in stiff upright clusters and greenish-white. Mountain Andromeda (*Pieris floribunda*)
c. One-year twigs glabrous (smooth, hairless); winter flower buds in nodding clusters, often reddish. Japanese Andromeda (*Pieris japonica*)
d. One-year twigs glabrous; no winter flower buds present; leaves dark lustrous green above, light shiny green below; common in the South. Cherry-laurel (*Prunus laurocerasus*)

F. Leaves entire.
1. Stipules present, at least on young growth.
a. Leaves less than 1-in. long, plant low and procumbent. Rockspray (*Cotoneaster microphylla*)
b. Leaves 1½ to 3 in. long and less than ½ in. wide, pubescent beneath when young; plant upright with arching branches. (*Cotoneaster salicifolia floccosa*)
c. Leaves 2 to 4½ in. long, glabrous beneath, 1 in. or more in width. Shipka Cherry-laurel (*Prunus laurocerasus schipkaensis*)
2. One-year twigs hairy. (Azaleas)
a. Leaves densely hairy above and below. Snow Azalea (*Azalea ledifolia alba*)
b. Leaves glossy above with a few hairs on the under surface. Amoena Azalea (*Azalea amoena*) with flowers a poor magenta; Hinodegiri Azalea (*Azalea hinodigiri*) with flowers bright red.
3. Leaves brown dotted underneath. Carolina Rhododendron (*Rhododendron carolinianum*)
4. One-year twigs without leaves or leaf scars in the middle portion. Mountain-laurel (*Kalmia latifolia*)
5. Leaves 4 to 8 in. long. Rosebay Rhododendron (*Rhododendron maximum*)
6. Leaves 2 to 4 in. long, leathery, and rounded at tip. Catawba Rhododendron (*Rhododendron catawbiense*); (*R. hybridum*) many varieties
7. Leaves 1½ to 4½ in. long, not leathery, and pointed at the tip. Live Oak (*Quercus virginiana*)
8. Leaves less than ½ in. long. Box Sandmyrtle (*Leiophyllum buxifolium*)

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FERRY'S SEEDS

GARDEN CLUBS IN APRIL

MRS. FRANK E. JONES, President,
Kansas Associated Garden Clubs

IT WOULD require many April meetings to cover all the subjects appropriate for garden club study in this busy month. There is as little excuse for a dull program as there would be for a dull spring garden.

The narcissus — April's own flower—should be featured in a program and exhibited in a large or small spring show. The discussion should include a history of the plant and of its development and practical suggestions as to its cultural requirements. The perennial question as to the distinction between daffodil, narcissus, and jonquil should again be answered; the various narcissus types should be discussed and as many as possible exhibited, both specimen blooms (correctly labeled) and flowers in artistic arrangement, alone or with other spring blossoms.

Dwarf irises are also April flowers, appearing but little later than the narcissus. Club members who have not given them recent attention will be surprised and delighted with the many new introductions and the diversity of coloring which has been developed. Although the lily antedates Christianity, it was given emblematic prominence when Christians first began the observance of Easter. Consequently, at a meeting held close to that festival the club might well undertake a study of lilies, particularly the Easter lily and the lovely garden madonna lily. An "Easter Breakfast Table" might be arranged by a member.

At this time of year the conservation program is timely. With many lovely blossoms in Nature's garden, otherwise considerate citizens are likely to throw restraint to the winds in hunting and dragging home great armloads of redbuds, flowering crab, dogwood, or other blossoms which may be beautifying the countryside. Many states have strict laws to curb such destruction, but in others the wild flowers are not so protected. Garden club members should be well informed concerning the flowers which grow in such abundance and reproduce so freely that gathering them is quite permissible, and those which should be left strictly alone. Where a reasonable amount of cutting is justifiable, it should be done with as much care as we exercise in gathering blossoms from the flowering shrubs in our gardens; such cutting becomes practically a careful pruning. But voice a strong protest against the denuding or mutilation of shrub or tree; insist that your club members give wild flowers a chance.

Sometimes wild plants are moved in the course of a worthy program of preservation; they may stand a better chance in a garden than in the woods or along the wayside. A conservation discussion should take up the careful preparation of the garden soil to receive such plants in line with their different requirements. This same program should also include consideration of bird life.

A special program might center around Arbor Day which, in a number of states is observed in April; include the story of the origin of the day and a sketch of the life of its originator. And on Arbor Day itself some bit of civic planting might he done, or the club might sponsor such planting by local school children.

Because the planting time for annual flowers is near, it might be well to consider them; not the novelties discussed during the winter in connection with the new catalogues, but the old dependable kinds that can be planted for cutting, as fillers among perennials, as a ground cover in the bulb beds. Annual vines provide an interesting and timely topic, including such favorites as sweet peas and morning-glories, and the grotesque and versatile gourds.

CHRYSANTHEMUMS and hardy asters also merit discussion, since they, too, should be procured and planted unless old garden clumps are to be divided and reset. The vegetable garden might receive some attention if the club has members who are interested in utility as well as beauty. Among the many subjects that could be discussed are planning for a succession of crops; vegetable garden tools and tasks; making the most of cold frames and hot beds; combined flower and vegetable gardens; dependable vegetable varieties; little used vegetables that deserve a trial; the salad garden; the dietetic value of vegetables; pests and diseases, and so on.

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NATIONAL MOWER CO.

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Roses of yesteryear

[*Continued from page 151*]

I have seen her gather, from that one vine, a huge clothes basket full of the pinkish yellow blossoms on Memorial Day. Duchess de Brabant was a crisp, dainty little thing that I always loved. It was like the pink calico dresses that we wore on Saturday afternoon, because it was Saturday when "it really didn't matter."

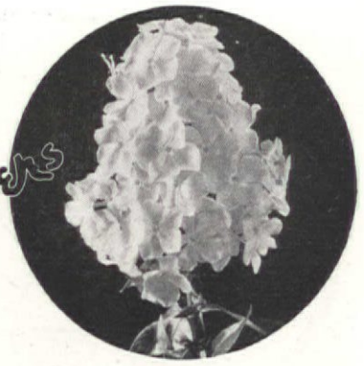
Aunt Evelyn had a Sunset rose. I have never seen one anywhere else, and it is a pity, for its rosy bronze color is the very shade that so many hybridizers now seem bent on producing. It was a semi-climber, and grew on a trellis by the magnolia tree. On all of the three places—my aunt's, my grandmother's, and our own—there was no more ideal spot for a flower doll house than under the Sunset rosebush. Many is the Sunset rose thorn that I have picked from bare feet as a result of its charms.

There was the Malmaison, and there still is, I am sure. There has never been anything else in the rose world quite like its pink petals, surrounded by their guards of white, all so neatly arranged in a pattern complicated beyond words. After Mother read me about Jason's adventure with the golden fleece, I thought the Labyrinth must have been arranged somewhat like the inside of a Malmaison rose.

Paul Neyron and Mrs. John Laing appealed to the pagan that lies rather close to the surface in every child. They were so big and gay, so unrestrainedly colorful; but they were not for small fingers to touch. Grandmother disbudded and fertilized them each year with a view to bettering her own record of the previous year in size and color. Finally she cut the flowers with stems as long as I was, and put them in the silver vase for church. In direct contrast to those pink beauties was the crimson Christmas rose. I have never known its proper name, though my uncle could probably tell me; I prefer to remember it by the name we children gave it. Georgia Christmases, though never white, are temperamental; but whatever the weather, this cheery little rose was always ready to grace the family dinner table when we gathered at Grandmother's, along with the turkey, the ham, the cranberry sauce, and the plum pudding made according to *her* grandmother's recipe.

Every available structure had a rose climbing over it—the smoke houses, the flower pits, the chicken houses, the ubiquitous porches, even the barns. Of course, when the buildings gave out, one could always erect an arbor. The most

the Newest fashions in Garden Flowers



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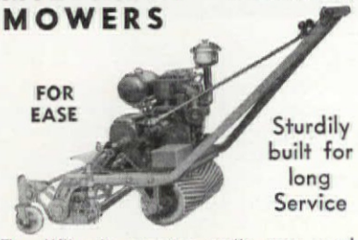

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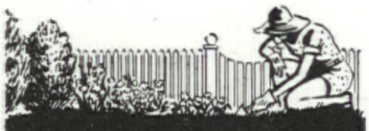

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famous of the Southern climbers is the Marechal Neil, and when it is in good form, there is nothing that can touch it. One never knows what will be displeasing to a Marechal Neil, however, and I, for one, was always a little impatient with its crankiness. Reine Marie Henriette was a pretty red rose with a delightful name, and so was Gainesborough, a great fluffy pink thing the color of strawberry ice cream. Perle de Jardins, sometimes creamy, sometimes yellow, but always charming in form, shaded the entrance to Grandmother's conservatory, and was made doubly entrancing by its proximity to cool, ferny floors and the heavenly fragrance of daphne and apple geranium.

Then Lady Banksia—ah, there was a rose for you! A tiny, thornless little yellow jewel, on a vine that spread itself from one end of Grandmother's long back porch to the other. It bloomed only once a year, but that once was worth waiting for. Then it was a sheet of pale, mobile gold that surely must have come straight from Fairyland.

I have saved the best for the last, in the Devoniensis. If the rose is queen of flowers, then surely Devoniensis is queen of all roses. I can best describe it by quoting my mother's highest compliment to babies and young girls. "Her complexion," she would say, her gray eyes shining as they always did at sight of beauty, "is like a Devoniensis rose." There was nothing further to be said; someone had won the accolade.

There were hundreds of others. Roses were planted wherever there was a vacant spot in the garden. I hate to slight any of them, and should love to describe everyone in detail, but you will see them all some day, if you have not already done so. They are as sure to return to favor as were the poems of Swinburne, or Hepplewhite chairs. After all, there is just so much beauty in the world, and not one single iota of it has ever really perished.

Successful garden design for a suburban plot

[*Continued from page 181*]

greens) which is less interesting but more frequently seen.

A sweep of well-tended lawn, with a Japanese barberry hedge along the street, a large, spreading yew at the corner, and a red pine and a mountain-ash near the house for shade, complete the simple planting at the front.

At the rear of the lot, red pines and hemlocks, with flowering dogwood, rhododendron and other shrubs, provide a dense and at the same time interesting screen and

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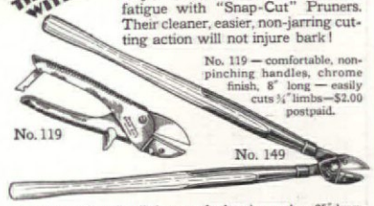

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3 favorite colors, **pink, red and yellow**—1 of each, all 3 Roots (value 75c) **postpaid for just 25c!** *Or, send $1 for 12 Roots,* these same 3 colors, any no. of each. Guaranteed to bloom. *Burpee's Seed and Bulb Catalog free.* Very low prices.

3 ROOTS 25¢

W. Atlee Burpee Co., 273 Burpee Bldg., Phila., Pa.

10 Blue Spruce Trees $1. POSTPAID

Think of it! 10 healthy 4 year old Transplanted trees, 3 to 6 inches tall—only $1. Postpaid. Send today .... Bargain No. 2 —50 **Evergreens $3.** postpaid. All 3 and 4 year old transplanted trees, 3 to 10" tall. Ten Each White Spruce, Scotch Pine, Austrian Pine, Engleman Spruce, Douglas Fir, all 50 for $3.00. Free illus. price list of small evergreen trees. **ALL TREES GUARANTEED TO LIVE.**

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A Practical Power Plow and Cultivator for Gardeners, Fruit Growers, Truckers, Florists, Nurserymen, Suburbanites, Country Estates and Poultrymen.

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We offer many new and tested improved varieties of fruits and berries which mean greater profits to the grower. Millions of triple inspected, hardy, well rooted, thrifty trees grown under ideal soil and climatic conditions. Plant dependable Bountiful Ridge Grown Stock this year. Proved best by test. Write for 1938 complete catalog.

Bountiful Ridge Nurseries, Dept. I, Princess Anne, Md.

TESTED 1 for Germination

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TESTED 3 for Completeness of Mixture

Map on back of package tells *exactly when* to plant in your locality (a copyrighted feature). Visit your local stores where you will see 142 varieties of Mandeville Triple-Tested Flower Seeds on display. Priced 5c, 10c and up. Our folder, "Plant Mandeville Seeds and Jump Aside," contains valuable information regarding the planning and planting of a flower garden. A letter or postcard will bring you a free copy together with details regarding our *special free offer.*

MANDEVILLE & KING CO.
1034 University Avenue, Rochester, N. Y.
Flower Seed Specialists for 62 Years

MANDEVILLE Triple-Tested FLOWER SEEDS
AT YOUR LOCAL STORES

background for the little grass terrace and perennial garden, which are enclosed by a carefully trimmed hemlock hedge. A gay display of tulips in the narrow bed along the edge of the terrace, is followed by annuals for summer bloom.

Here the family relax, read, entertain, dig in the garden, and thoroughly enjoy themselves in outdoor living quarters more attractive and secluded than those of many a lofty penthouse or distantly isolated country estate.

Roses, old and new

[*Continued from page 171*]

pink rose "of a hundred petals" blossoms in our garden under the name of Genevieve—a tribute to the small, pink-cheeked daughter in that home.

If you wish to extend your interest to the collection of books on old roses or a collection of old rose prints, the long winter of discontent suffered by some practical rose gardeners will never be yours.

Nurseries throughout the country are becoming conscious of the demand for old roses. One in New Jersey has most delightfully catalogued roses too old to be in general commerce, under the title "Old-fashioned Roses." Decorated with a colored chaplet of roses, reproduced from a French frontispiece published in Les Roses (1835), this catalogue lists about two hundred varieties more than fifty years old. Some of the names recall the very fragrance of my grandmother's garden (and how fortunate we are who have a grandmother's garden to remember!): Red Damask; York and Lancaster with its parti-colored flowers of red and white; Cabbage rose, the original Provence type; Crested Moss, White Moss, and about fifty named Moss roses, all sports of the Cabbage or Rosa centifolia, the rose of a hundred petals.

Mrs. Frederick Love Keays' book, "Old Roses," is well worth the attention of all rose lovers. Data about Empress Josephine's garden at Malmaison, where all roses known at that time were finally assembled, stimulate the imagination. Says Mrs. Keays, in effect, that Josephine, with her little army of horticulturists, did much greater good to the world than did Napoleon with all his vast armies of fighting men.

[It seems appropriate here to interpolate a brief reference to another lovely book—"Old Garden Roses" by Edward A. Bunyard, published in England in 1936 but obtainable in this country. Written by one who is student, historian, and practical gardener,

A symposium of loveliness!

Shakespeare's PANSIES

SIMPLE, quaint and colorful — this lovely rediscovered strain of Pansies is practically identical with that grown in Shakespeare's time. Easily grown, profuse and long-blooming; suitable for any location in garden. Pkt. 50c; spec. pkt. $1.25. *Order now.*

DREER'S "Hundredth Anniversary" GARDEN BOOK

FREE The most interesting catalog of quality Seeds, Plants, Bulbs and Gardening Helps in Dreer history! Many new flowers and "Anniversary Special" values. *Send for it at once.*

HENRY A. DREER
105 Dreer Bldg., Philadelphia, Pa.

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Genuine **Rain King**

Get the utmost in efficiency and long, trouble-free service. A type for every lawn or garden—and for every pocketbook. Each designed to throw more water—throw it farther—spread it evener. Rain Kings do a better job and last longer. ASK YOUR DEALER FOR THEM BY NAME. Rain King Sprinklers are made and guaranteed by Chicago Flexible Shaft Company, 5607 Roosevelt Road, Chicago, Illinois.

Preferred by home owners from coast to coast

48 Years Making Quality Products

PROTECT YOUR ROSES

From Insects and Disease

TRI-OGEN is an amazing spray that gives *complete plant protection.* Positively controls blackspot and mildew; kills insect pests. Stimulates luxuriant growth. For sale by first-class Seed Houses, Department Stores and Garden Supply Dealers. If unable to obtain, write us. **FREE bulletin.**

TRI-OGEN

Rose Mfg. Co., Dept. A, Philadelphia, Pa.

PEAT MOSS.. *the Garden Magician!*

Like the touch of a master magician, Emblem-Protected Peat Moss works miracles in any garden. Soil that is clay-hard quickly becomes porous and well-aerated...soil that is sandy and loose is readily transformed into a rich-bodied soil...roots that are forever thirsty soon find a reservoir of moisture—when well-moistened Emblem-Protected Peat Moss is mixed with the soil.

Emblem-Protected Peat Moss actually brings about faster germination of seeds, promotes vigorous root development, and stimulates the healthy growth of plants, shrubs and trees. As a mulch, it also works wonders in protecting plants from wintry blasts or summer's heat.

We have several interesting bulletins covering the many year-round uses of Peat Moss:

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"Growing Plantlets From Seed"
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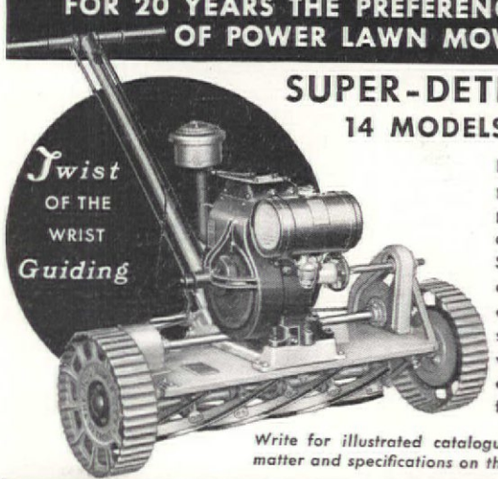
FOR 20 YEARS THE PREFERENCE OF USERS OF POWER LAWN MOWERS

SUPER-DETROIT—ONE OF 14 MODELS FROM $56 UP



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Write for illustrated catalogue containing full descriptive matter and specifications on the complete Moto-Mower line.

THE MOTO-MOWER CO. 4608 WOODWARD AVE., DETROIT, MICHIGAN

...in less time with less effort!

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S. L. ALLEN & COMPANY, Inc.
Also makers of Planet Jr. Garden Tractors
3481 North 5th Street, Philadelphia, Pa.

Planet Jr.
FARM AND GARDEN TOOLS

too, it sketches the development and appreciation of the rose throughout the ages, then analyzes the old types and species, not only on the basis of botanical interest, but also as delightful material for modern gardens and uses. A frontispiece in full color and thirty-two photogravure plates superbly supplement both the literary and informational value of the work. —*Horticultural Editor.*]

Some of these old roses are exceedingly hardy. Our Moss roses have spread along a seventy-foot drive, part of them under a walnut tree, others below lilac bushes. With scarcely any cultural attention they have perfumed the July air with that wonderful, real old-rose fragrance for more than twenty years, adding immeasurably to the charm of life as lived in this garden.

We have an established bush of Persian Yellow which has in that time spread so that it now covers the ground twelve feet out and extends an equal distance both ways from the southwest corner of our small house. Four casement windows open out over the expanse of soft golden fragrance in late May and early June, making these roses a delightful part of our home experience for almost three weeks. And never are the screens put on the windows until the Persian Yellow finishes blooming. The bushes require no attention outside of the removal of occasional dead branches. They appear to thrive on neglect, seem to like scant diet, and have been more than generous in supplying new shoots for other gardeners.

Rosa hugonis, the rose of China, makes a graceful shrub covered with single yellow blossoms which make garlands of its branches. It flowers early in May and its bloom is fleeting; but it is decidedly worth while, as each blossom adds full beauty to the bush in a burst of bloom especially welcome so early in the season. Hardly has Hugonis started to drop its petals when R. xanthina opens its first bud. This delightful, semi-double, golden-yellow species, the Korean rose, develops its buds gradually, prolonging its blossoming period so that it overlaps that of Persian Yellow.

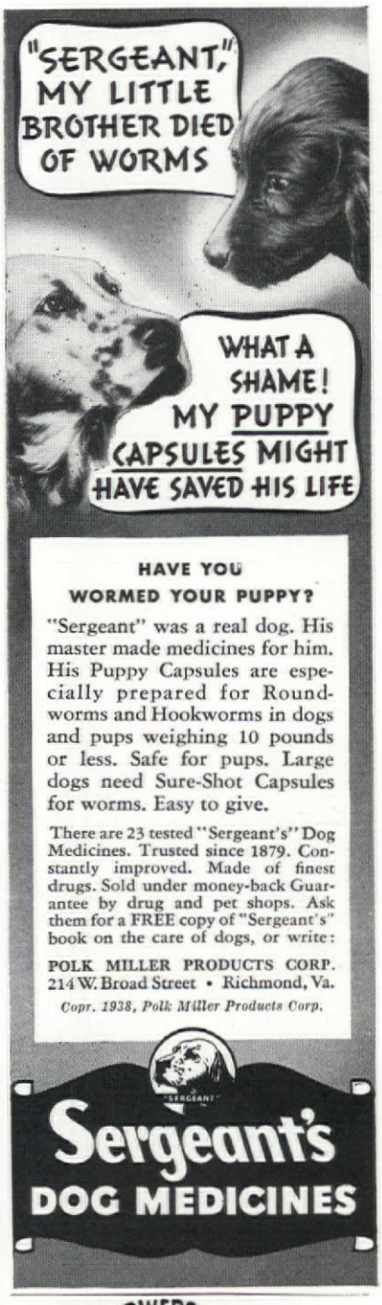
In our planting we group the sunshine colors about our south doorway, so that the newest hybrids in yellow rub elbows with these old favorites. Dr. E. M. Mills is a low growing, almost thornless bush, which has flowers of primrose color slightly suffused with pink as the blossom ages. Semi-double and two to two and a half inches across, its blooms grow like those on Hugonis.

Agnes, a rugosa hybrid, bears really double, crinkled amber blossoms profusely each season, beginning as an infant about two feet high. During late June and early July the long lasting, fragrant flowers with their attractive buds make of the bush a glorious sight. Six feet seems to be its established height and the bush is superior in appearance, both in bloom and out, to any other rugosa I have seen. Decidedly, Agnes is a favorite with me.

Dr. Hugo Eckner, another yellow rugosa, has large flowers tinted orange, and is remarkably healthy. All the roses I have mentioned, old or new, are extremely hardy and a distinct addition to the shrubbery border. While yellow is my preferred color in these extremely hard sorts, white runs a close second.

The large white single blossoms of Rosa spinosissima altaica, open with the lilacs and early iris, while the late tulips are still in flower. Another lovely single white, blossoming later (in July) is Rosa moschata nastarana, very fragrant. Rosa villosa duplex is a semi-double, white tinted apricot, blooming in July.

July, rather than June, appears to be *the* month of roses, for when the old Cabbage and Gallica roses show their flowers and the Moss roses, previously mentioned, scent the early midsummer air. Dark red, bright red, cerise, rose pink, soft pink, apricot and flesh, to white and striped pink and white, may be chosen in many variations. Either very double, semi-double, almost single or single, and with a choice of short stem or longer stem, in clusters or borne singly, these roses are unbelievably hardy. No wonder our grandmothers turned with relief to the limited selection available as "monthly roses" when they appeared. Perhaps it is now time for us to turn again from the wealth of hybrid tea material that the hybridizers have produced for us before these old fragrant, hardy roses are lost in the past.



Novices and roses

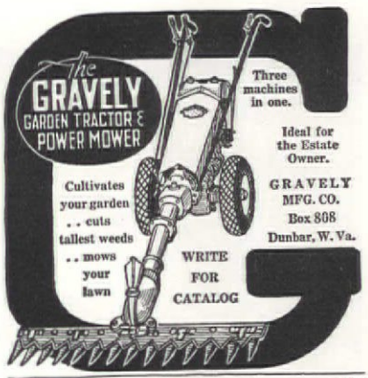
[*Continued from page 16*]

the wood has been well hardened by several severe frosts, hill up the bushes as one would a row of potatoes and fill in the depressions between the hills with well rotted manure (cow manure is best).

13. In early spring, as soon as some of the canes begin to show a live green and the leaf buds start to swell, prune the bushes by cutting them back to the top of the hill of soil.

14. When all danger of a late frost has passed, throw the soil back from around the bushes, covering the manure which was applied the previous fall in the hollows between them.

15—Don't neglect to label your



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★ Soeur Therese, H. T.
Daffodil yellow. $1 ea.
★ Condesa de Sastago, H.T.
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HALF-PRICE TEST OFFER. Above 2 sturdy 2-yr., field-grown Star Roses sent for $1 postpaid. Spring catalog of 186 best roses and new helpful booklet, "Beautify With Roses," are FREE.

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Worth every cent of $2.75—2 strongly built wren houses of generous size (holes can be enlarged for larger birds) 1 sheltered feeder to attract the birds. Send check or pay Postman $1.98 plus small M. O. fee. (Postpaid E. of Mississippi R.) 15c in stamps brings big fence, furniture and rustic book.

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The most complete and modern dahlia book published, fully classified, with cultural instructions, charts, and profusely illustrated.

Grow Potash Fed DAHLIAS

DAHLIADEL NURSERIES
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bushes. There are many unlabeled plants that even the experts cannot identify. The nameless rose is just as lovely, but it is not satisfying any more than it suffices to be ignorant of the name of a human friend.

16. Join the local rose society. What the Grange has done for the farmer in lessening his failures and increasing his successes, the rose society can do for those who love roses and want to know more about them.

17. Visit every rose garden accessible, public and private. This will widen your knowledge of roses and rose growing.

I should advise every one who has a few feet of ground to plant roses. They will add much to the enjoyment of life and give your home surroundings a magic touch which will make almost celestial your earthly habitation.

Make your own plans for a garden design

[Continued from page 19]

at the beginning, but that it isn't necessary when merely doing over an old garden. If so, he may awaken one morning to find he has cut down the wrong tree. For, whereas the new garden is planted out with balled and burlapped specimens that can be shifted about until the right design is found, remaking a garden requires a nice eye and fine judgment as to what to save, what to discard, what to add, and what to remove.

Judicious thinning requires skillful planning

Sound advice would be not to cut any healthy tree until one has spent a full year in the garden. A specimen may appear sufficiently delightful in summer to more than make up for its effect in winter. Often the thinning out of some branches will let the sunlight filter through and lead to the saving of the tree to the benefit of the landscape and the comfort of the owner. Anyone can go into an overgrown garden and "thin it out," thereby making a fine show of doing something, but judicious thinning requires the most skillful planning and the sort of artistic ability that marks the sculptor.

If we follow the practice Miss Gertrude Jekyll, the famous English garden authority, outlines in her book, "Wood and Garden," and conspicuously mark the trees to be saved, then walk about and view them from every side, imagining them as the only features of the landscape, we would be less hasty in clearing away and more satisfied with the finished result.

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gives much information about gladiolus and describes over 200 of the world's finest varieties including **PICARDY**, the most popular variety in existence and all the other beautiful varieties of the **FAMOUS PALMER STRAIN**, of which I am the introducer, the finest strain in the world and noted for its beautiful colorings and its vigor.

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And the same principle should be employed when thinning individual trees or large shrubs. To be sure it calls for imagination. We must follow the branch out through the entangling mass of other foliage and be able to close our eyes to all except that which we wish to retain. Only thus can we choose between the desirable and the undesirable, and distinguish between the superfluous and the necessary.

And now for the actual plan making

So much for the reasons and need for a plan, and the advantages of planning. Now let's get busy and actually make our garden plan. On a piece of stiff paper large enough for a scale of one-half inch to the foot, draw in the house and any trees or other immovable and distinguishing objects already on the plot. (It is well to have the paper large enough to permit a planting list to be noted along one side. Indicate the species and varieties by number and it will be necessary to write the name of a plant but once, as the number can then be used on the plan to indicate that particular kind of shrub or tree.) When the trees are located, show the bole or trunk as a small circle, and the approximate branch coverage at maturity with a larger circle. This should be done with trees already growing as well as those to be planted, to avoid overcrowding. Be careful to allow enough space for each feature. Next lay out the drives or paths, and begin to plan the walls, fences, and other appurtenances of the well-furnished garden.

If the planting season is near, some of the construction details may be postponed and the main planting done at once. Trees, the large shrubs, and sheltering hedges we want to get started as soon as possible, but of course only after any necessary grading is done, for it is fatal to a tree to change appreciably the depth of soil around it either by filling or excavating. The undesirable and harmful effect of having trees growing out of wells, as a result of having soil brought in, or left on hillocks, as a result of moving soil away, often results when planting is done too hastily before the grading is accomplished.

Finally, a plan helps us design with more boldness of detail, and thus avoid monotony in the planting and poor proportions in the garden details; it helps us avoid too narrow or too tortuous paths; it helps us give each feature of the garden scope for its functional use and for our admiration. With a scale layout of our grounds in hand we can plan so that one thing blends into and complements the other, and yet allow each one to have its own distinction and beauty.

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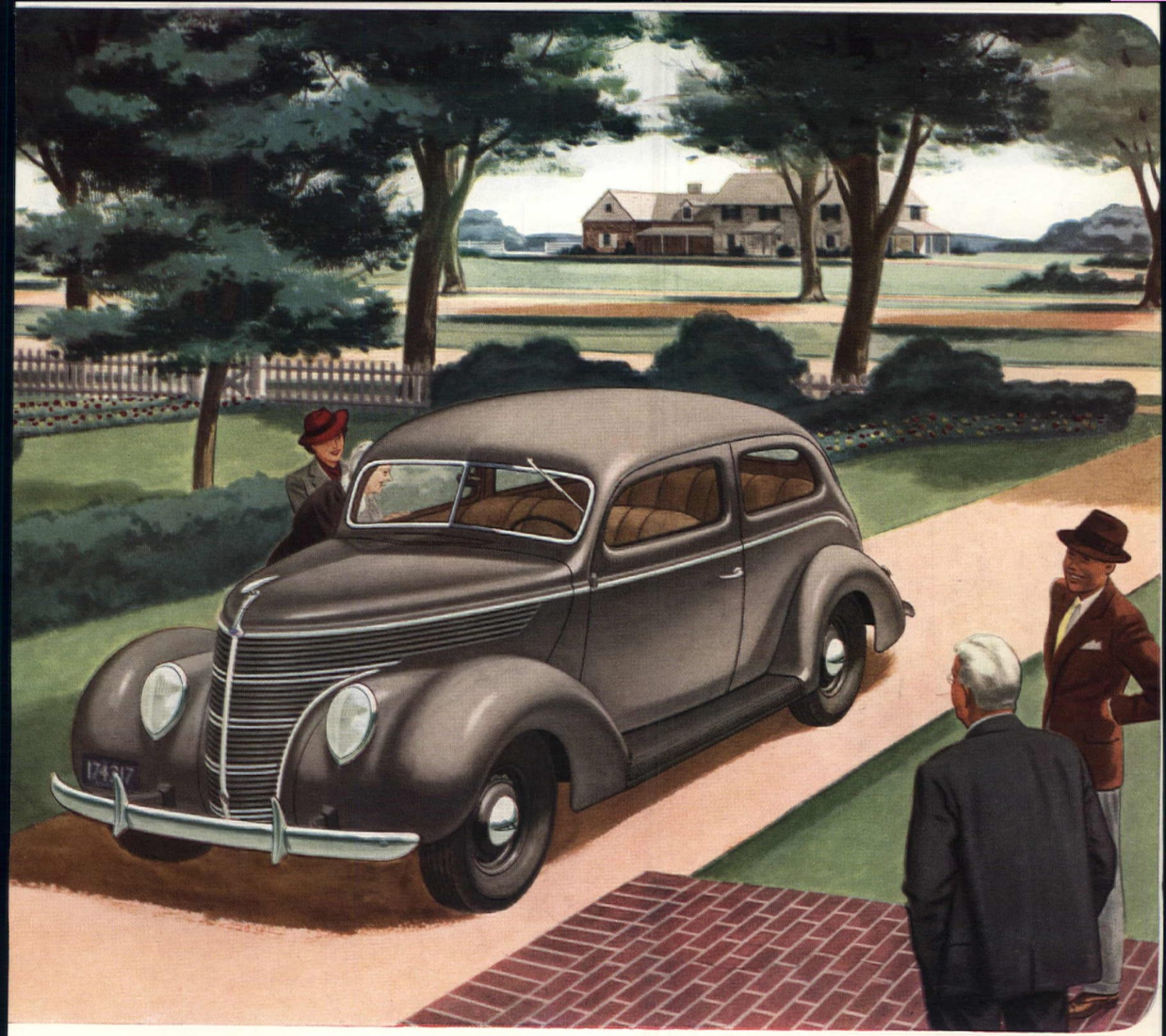
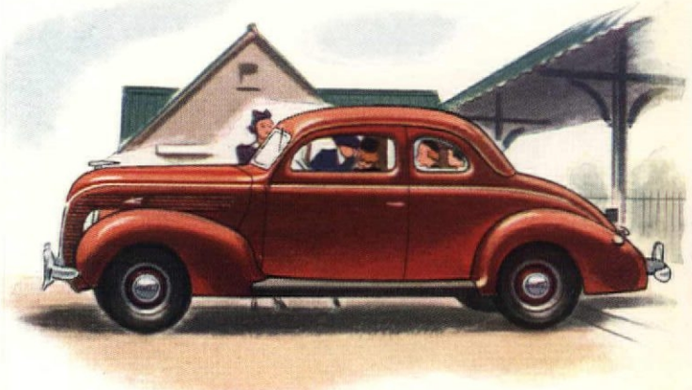


And you'll even like the price tag!

You'll like the 1938 Standard Ford V-8. It's a better car in many ways than the 1937 Ford V-8 which was bought by more people than any other make.

You'll like its clean, new curves . . . its neatly tailored interiors . . . the easy way it starts and steers and stops. You'll like the privilege of picking the V-8 engine size you need . . . 85 horsepower for unusually high performance . . . 60 horsepower for unusually low operating cost. (Hundreds of "thrifty 60" owners report averages of 22 to 27 miles a gallon—or even more.)

Best of all, your liking for the Standard Ford will include the price tag! It is priced low—even for 1938—and its prices cover equipment for which you have too often had to pay extra. . . . You'll save money the day you buy your Standard Ford V-8 and every mile you drive it. You can bank on that.



The De Luxe Ford V-8 is built on the same chassis as the Standard, with the same basic Ford features. It has richer appointments and a little more room in the sedans. Above is the Club Coupe, which seats five inside and leaves a very large luggage space.

FORD V·8 FOR 1938

Miss Le Brun Rhinelander

LOVELY DESCENDANT OF ONE OF NEW YORK'S "FIRST FAMILIES" IS A FAMILIAR FIGURE ON THE SKIING SLOPES AT LAKE PLACID

During a pause in the fun, Helen Anderson and Le Brun Rhinelander (center) chat about smoking

"I never give much thought to which cigarette I smoke," says Miss Anderson to Miss Rhinelander. "But you—you never smoke *anything* but Camels! Are they really so different?"

"Yes!" says Miss Rhinelander. "Camels *are* different."

"What do you mean—'different'?"

"Well, I think about smoking in many ways. For instance, with Camels, even after steady smoking, I have no jangled nerves. Also, Camels are gentle to my throat—so mild. In other words, Camels *agree* with me! And *that* means so much!"

BY her very name, Miss Le Brun Cruger Rhinelander links together historic Knickerbocker families. As the daughter of Philip Rhinelander 2nd, Le Brun occupies a distinguished social position in New York, Newport, Palm Beach, and Bar Harbor.

Le Brun, herself, is frankly more interested in travel, sports, and charity work than in lineage. She prefers Bar Harbor for sailing... Aiken for drag hunts...Lake Placid for skiing.

"Skiing is great sport!" she says. "It takes healthy nerves, though, to 'Christy' to a stop without a spill. So, I do my nerves a favor by smoking Camels. Camels never jangle my nerves!"

Yes—as Le Brun remarks—"Camels *are* different!"

Miss Rhinelander (*left*), wearing her dazzling silver metal-cloth gown, poses for the photographer before joining a dinner party at The Colony. Ever since her debut, Le Brun has taken an active part in society. Of course, she always carries Camels (or sees that her escort does)!

"At all the parties," she says, "I see Camels—Camels—Camels. Grand for me because I smoke *nothing* but Camels. When I'm tired, Camels give my energy a 'lift.'"

Turn to Camels and discover what this young debutante means when she says, "Camels agree with me—in *every* way!"

Among the many distinguished women who find that Camels are delightfully different:

Mrs. Nicholas Biddle, *Philadelphia*
Mrs. Alexander Black, *Los Angeles*
Mrs. Powell Cabot, *Boston*
Mrs. Thomas M. Carnegie, Jr., *New York*
Mrs. J. Gardner Coolidge 2nd, *Boston*
Mrs. Anthony J. Drexel 3rd, *Philadelphia*
Mrs. Chiswell Dabney Langhorne, *Virginia*
Mrs. Jasper Morgan, *New York*
Mrs. Nicholas G. Penniman III, *Baltimore*
Mrs. John W. Rockefeller, Jr., *New York*
Mrs. Rufus Paine Spalding III, *Pasadena*
Miss Peggy Stevenson, *New York*
Mrs. Louis Swift, Jr., *Chicago*
Mrs. Barclay Warburton, Jr., *Philadelphia*
Mrs. Howard F. Whitney, *New York*

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