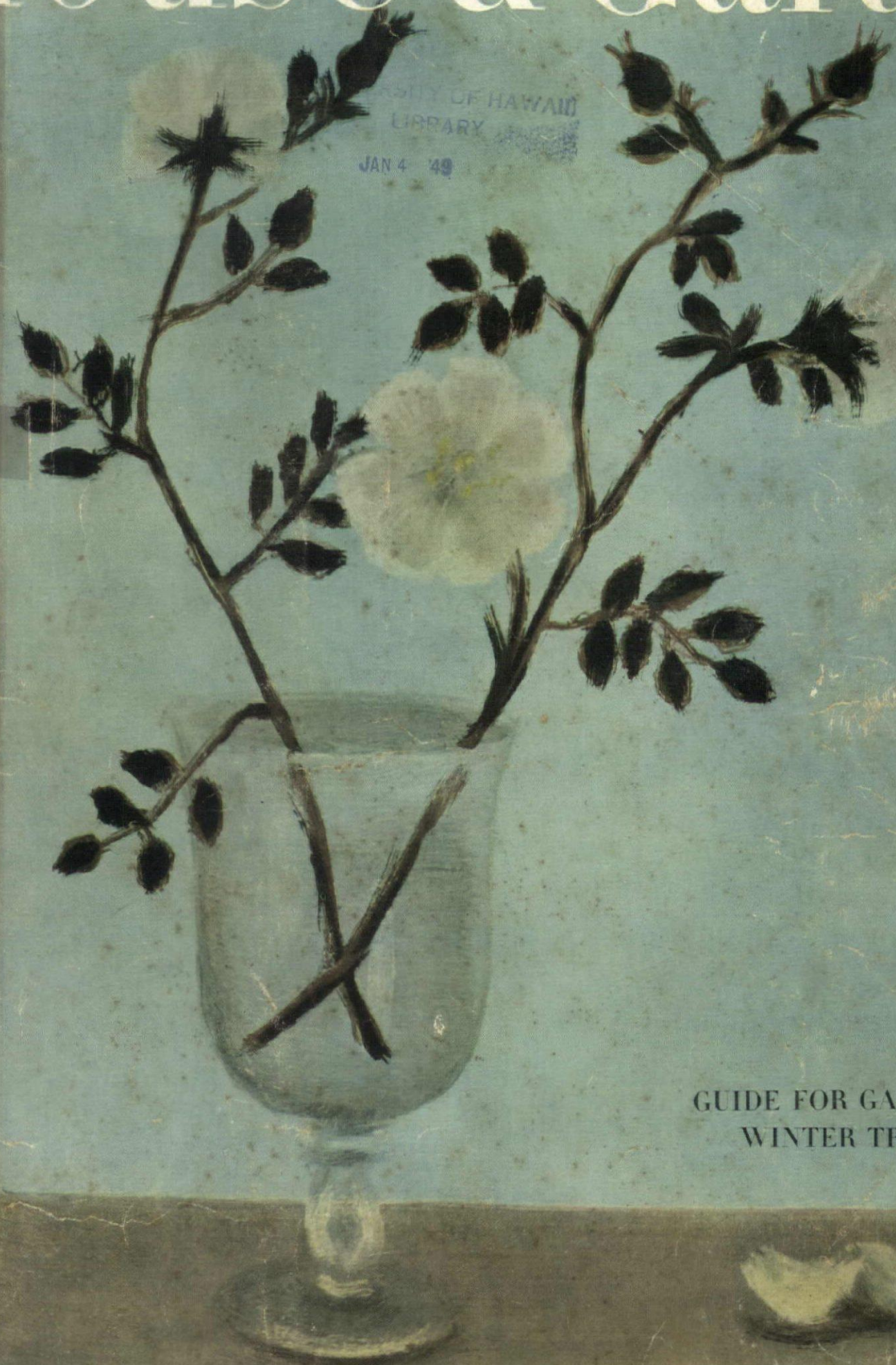


# House & Garden

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GUIDE FOR GARDENERS  
WINTER TRAVEL



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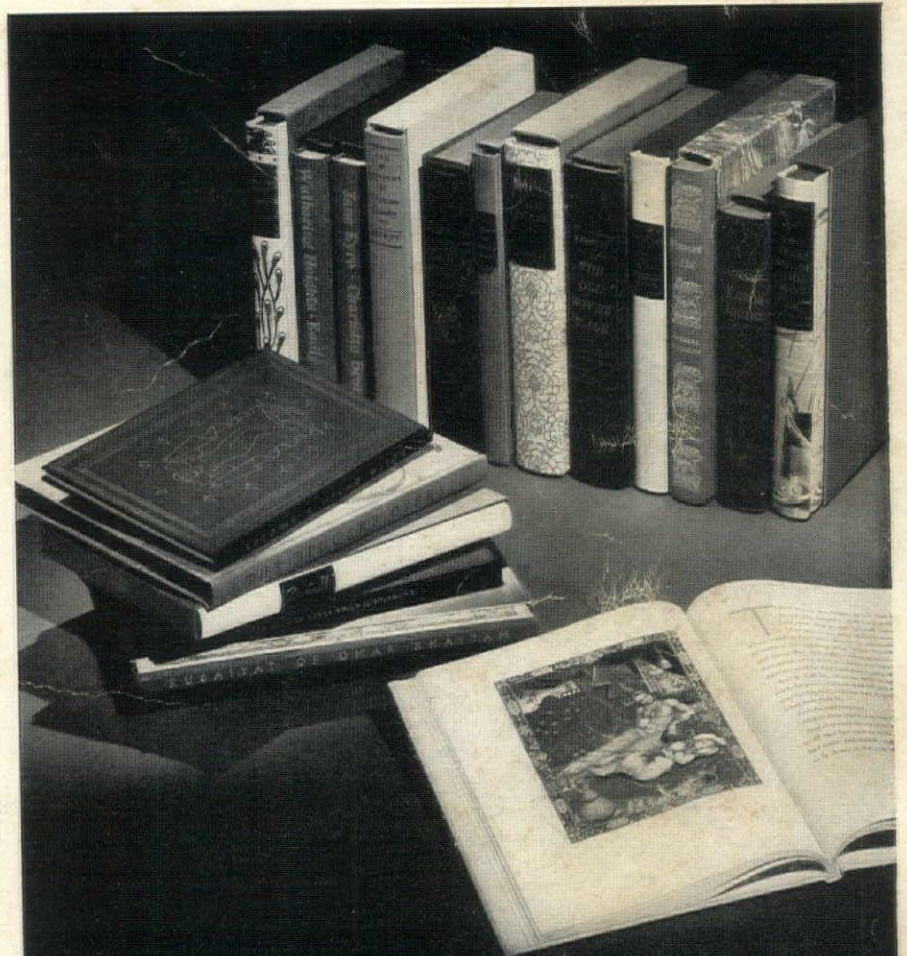
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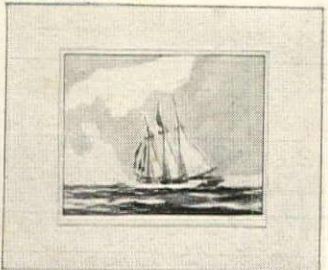
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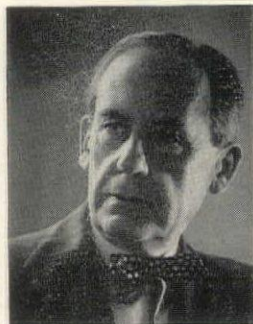
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# House & Garden

Contents for January, 1949

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WALTER GROPIUS



GERTRUDE M. SMITH



CAMERON CLARK



RODERICK W. CUMMING

WALTER GROPIUS, pioneer modernist and chairman of Harvard's Graduate School of Architecture (his house, what he thinks of it are on page 72), is senior partner of The Architects Collaborative. Its eight members designed Harvard's first modern dormitories and Commons Hall, to cost \$3,000,000. GERTRUDE M. SMITH is not only an authority on crab apples (page 34) but also spends nine months of each year as a consultant taking care of New Jersey gardens. She helped to edit a useful authoritative garden book, lectures and has worked at Swarthmore's Scott Horticultural Foundation. CAMERON CLARK, architect of Mr. and Mrs. Maynard S. Bird's house (page 54), is a confirmed good neighbor, believes houses should fit and contribute to their communities. He writes us on a slightly belligerent note: "To create a startling design, out of key with its neighbors, is selfishness rampant." RODERICK W. CUMMING, who writes of the new perennials on page 33, is a gardener by inheritance and inclination. With his father, the late Alex Cumming, one of America's greatest hybridizers, he watched and tested plants for 13 years at Bristol, Connecticut, will continue his work in Virginia.

ON THE COVER: A still life of flowers painted in oil by Jacques Falcou.

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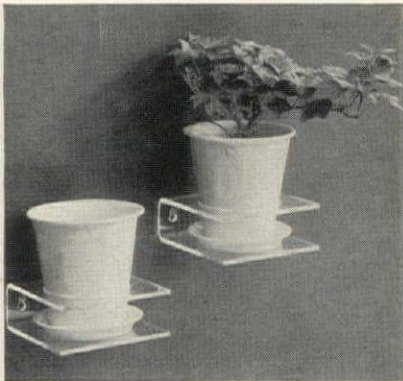
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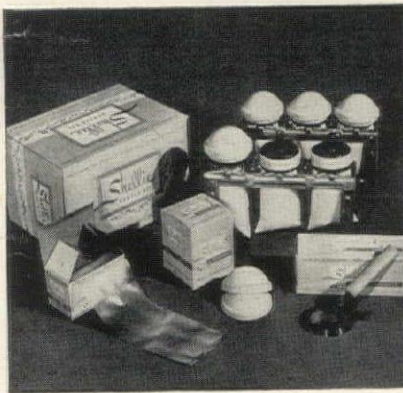
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by Jackson of London

NO NEED to worry if you have rings from alcohol, heat or water on your table—nail polish, perfume or liniment on your dresser—ink or paint on your desk—marks on hardwood floors. Just apply REVIVA and surface spots vanish like magic. Revives original color and grain of wood. For all varnished, shellacked, lacquered and waxed surfaces, dark or light.  
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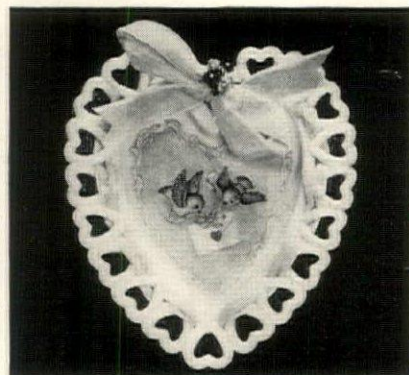
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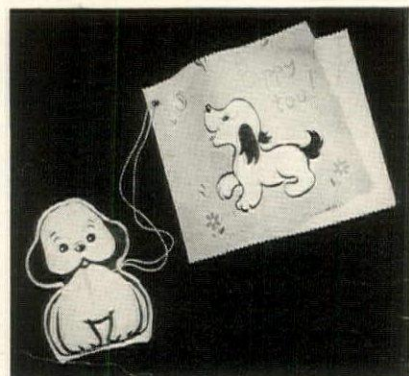


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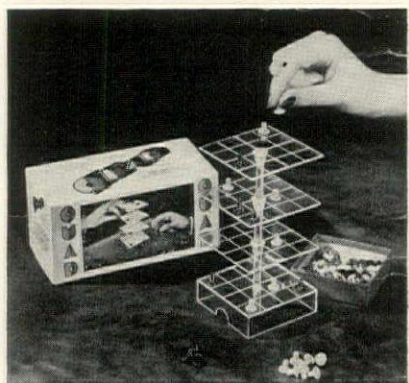
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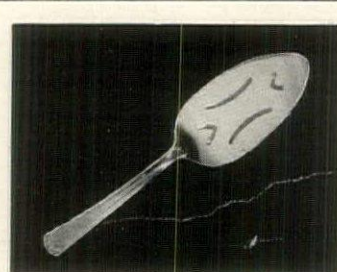
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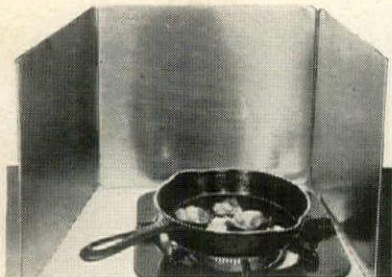
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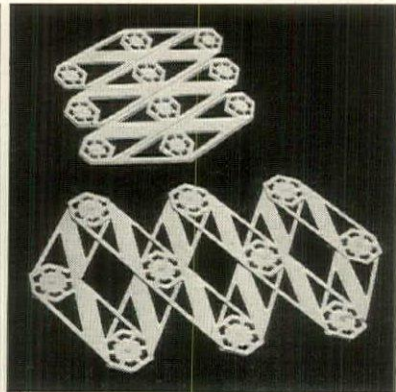
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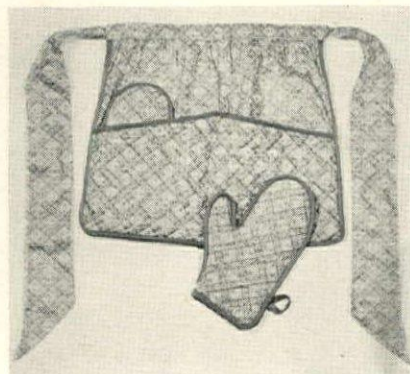
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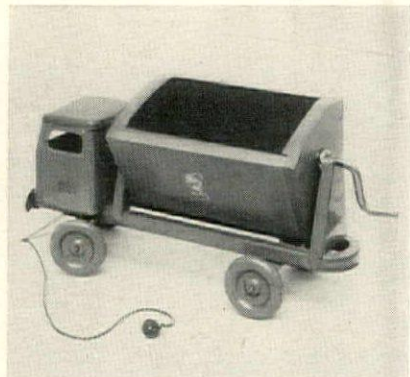


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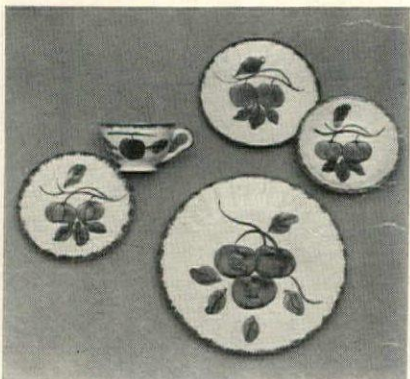
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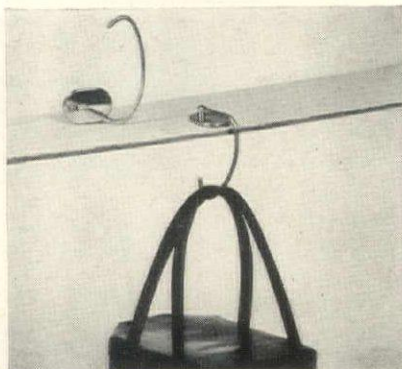
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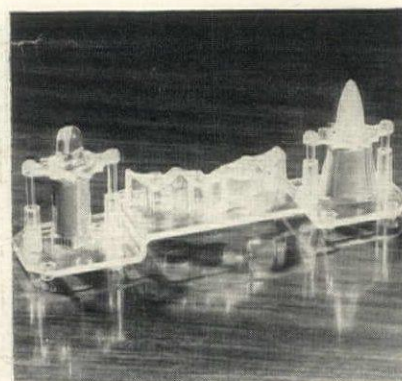
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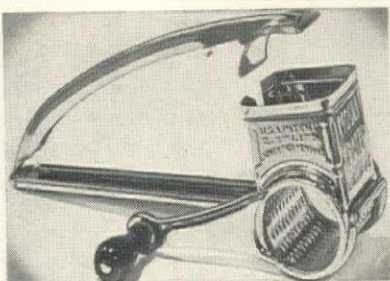
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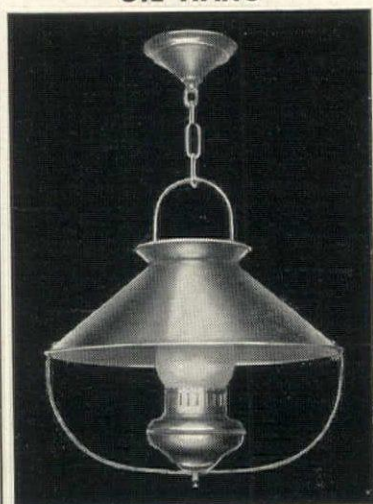
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**Stamp Dispenser** is heavy polished brass, 2" high. Felted to protect desk, weighted to serve as paper weight. Top holds clips. **\$3.50 ppd.** (In silver plate, \$7.50 tax and postpaid.)



**Medicine-cabinet** neatness! Tidy Shelf utilizes waste space, increases cabinet capacity. Keeps shaving gear, cosmetics up front, always handy. Adjusts to any shelf. Order one for each family member. **\$1.00 postpaid** Immediate shipment.

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# SHOPPING

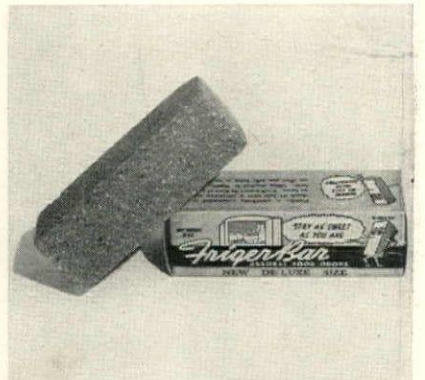
**Cascades** of small red hearts dangling from this bracelet will charm your love on Valentine's or any other day. It also provides medical care for child heart sufferers who, because of your gift, will have a better chance to live. Only \$1, ppd. Irvington House Sanitarium for Children with Heart Disease, 103 Park Ave., N. Y. 17.



**Handmade miniatures** by Elias Hjarpe are fashioned to scale on tiny lathes which he made himself, as there was nothing available for such delicate work. In genuine walnut or red or blond maple, the Early American knitting bowl, 2" tall, is \$1.95; grandmother rocker, 3", is \$2.95, ppd. The Pueblo Gift Shop, 2428 University Ave., Madison 5, Wis.



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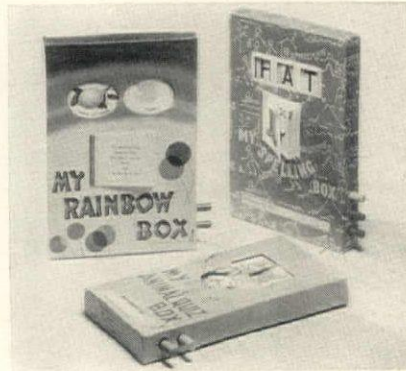
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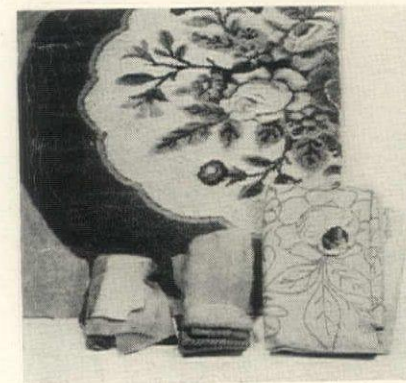
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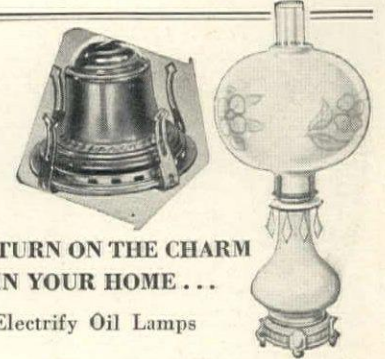
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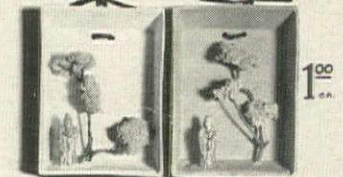
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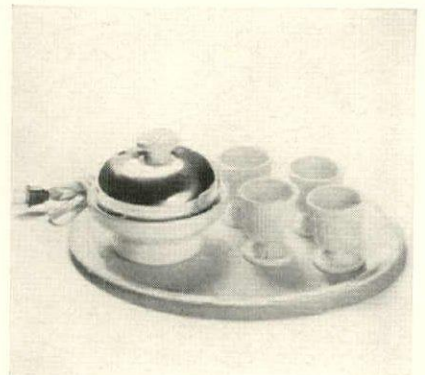
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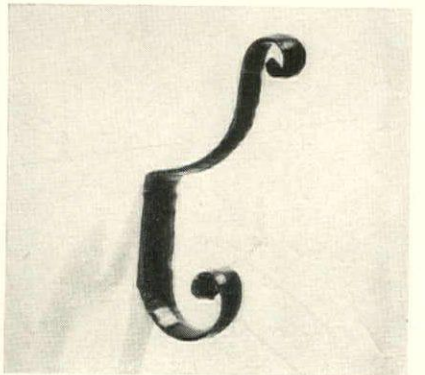


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Your highball tastes better in this attractive, man-size glass, designed and decorated for horse-lovers. Fine for Juleps, Punches or other long drinks. You'll be proud to own or give these distinctive glasses with true-to-life, black horse's head. Only \$4.00 a dozen or 8 for \$3.00, prepaid. Money back, if not delighted.

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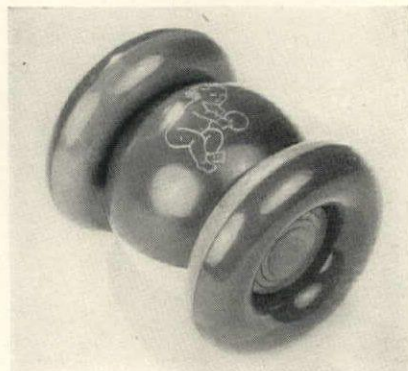
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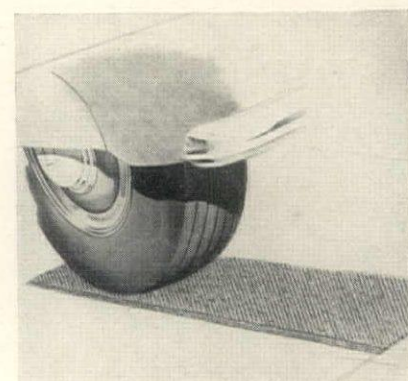
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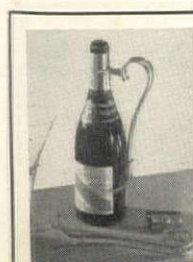
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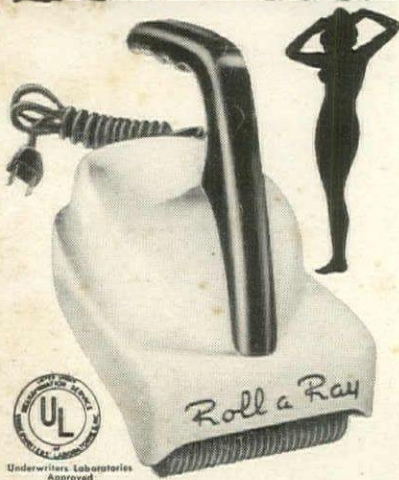


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Take pounds off—keep slim and trim—with Roll-A-Ray! Remarkable new invention provides two of nature's most commonly used aids—Heat and Massage. Simple to use—just plug in and roll. Aids in softening and breaking down fatty tissues. Also used as an aid in the palliative relief of pains for which heat and massage are indicated. Made of lightweight plastic with two rows of rubber massage rollers and an infra-red beam. 110 volts, AC-DC.

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Just mail coupon for 10 days trial. If not delighted return Roll-A-Ray within 10 days for full purchase price refund. Mail coupon at once!

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Please send me a Roll-A-Ray for 10-day trial. Upon arrival I will pay postman only \$9.95 plus postage and handling. If not delighted, I may return Roll-A-Ray within 10 days for prompt refund of full purchase price.

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Time...**



to become **CLOCK-wise**... Make a colorful addition to your home with a decorative clock encased in glistening molded plastic. These beautiful electric clocks make wonderful gifts. Write for one or more **TODAY.**

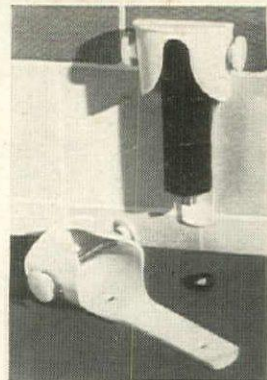
Above... **NEW HOSTESS** in white or red—7 1/2 in. diam. \$8.85 Postpaid in U. S.  
Right... **EPICURE** in white or ivory—7 1/4 in. diam. \$5.95 Postpaid in U. S.



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**FARREY'S**  
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1692 ALTON ROAD  
MIAMI BEACH, FLA.  
CHECK, CASH OR MONEY ORDER



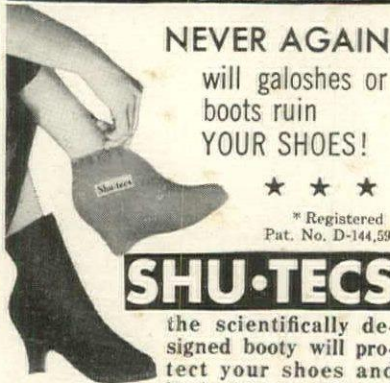
**ROLL-A-TUBE  
Holder and Dispenser**

Made of acetate plastic with an aluminum shaft. Has no wearing parts and will not break. Easy to install and easy to use. Insert end of tube in slot and turn one quarter turn forward to lock tube in place. Turn knob as tooth paste, shaving cream or any tube materials are desired. To remove empty tube, pull down. Sanitary, economical and decorative. Three attractive pastel colors, blue, pink, and green also black or white. Screws for installing are included.

Price 98c each plus 5c postage

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Dept. H.G. Bedford, Ohio

**PROTECT SHOES  
UNDER GALOSHES**



**NEVER AGAIN**  
will galoshes or boots ruin  
**YOUR SHOES!**

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the scientifically designed bootie will protect your shoes and hosiery inside galoshes and boots from scuffing, scratches, and dirt! **SAVE YOUR SUEDES!**

\$1.00 per pair  
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PLEASE

SHU-TECS slip on over your shoes in a jiffy. Adjust to any heel height. They're warm

**BETTY GOULD PRODUCTS**  
17 EAST 48<sup>th</sup> STREET - New York. 17

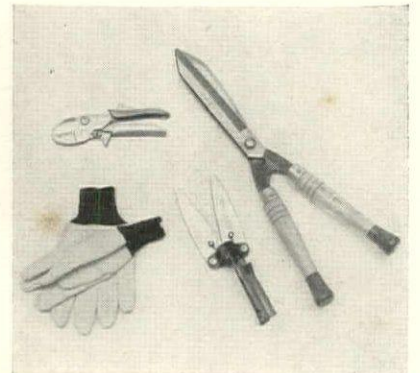
Please send ( ) pair SHU-TECS in RED ( ) NAVY ( ) TAN ( ). I wear size ( ) shoe. Enclosed find cash ( ) check ( ) m.o. ( )



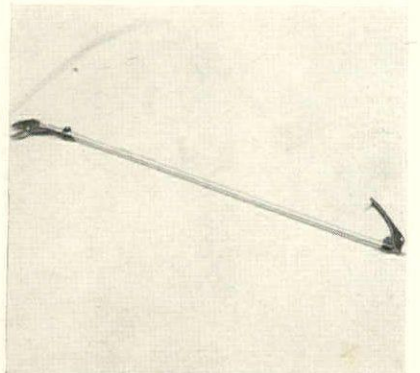
**SHOPPING  
AROUND**

For the gardener

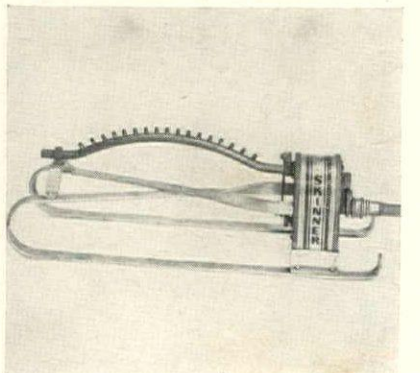
**Gardeners dream** about such a kit as this which includes all the items needed to keep greenery in order. The shears—for clipping grass, trimming hedges and pruning—have blades, "high-powered" by Wiss, for perfect cutting. Complete kit, with gloves and pruning guide, \$9.50 ppd. Hammacher Schlemmer, 145 East 57th St., N. Y. 22.



**Long reaching pruner** will trim those high climbing roses, briery bushes or young fruit trees in need of a bit of clipping. The keen V-blade is precision ground of alloy steel and cuts 3/4" branches with ease. Steel spring controls cutting through aluminum shaft. 4-ft. length, \$5; 6-ft. length, \$6, exp. col. Stump & Walter Co., 132 Church St., N. Y. 8.



**Shower your garden** and lawn with a swinging fan of water for gentle and complete sprinkling. This miniature irrigation system shoots slender water streams high in the air to spray a 40 x 50 foot area. Speeds and spray are adjustable and working parts are bronze or stainless steel. \$23.25 ppd. Max Schling, Seedsman, 618 Madison Ave., N. Y. 22.



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WITHOUT POLISHING**

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**THERMOCOR PRODUCTS, INC., ERLANGER 1, KENTUCKY**



**TERRY-GATE**

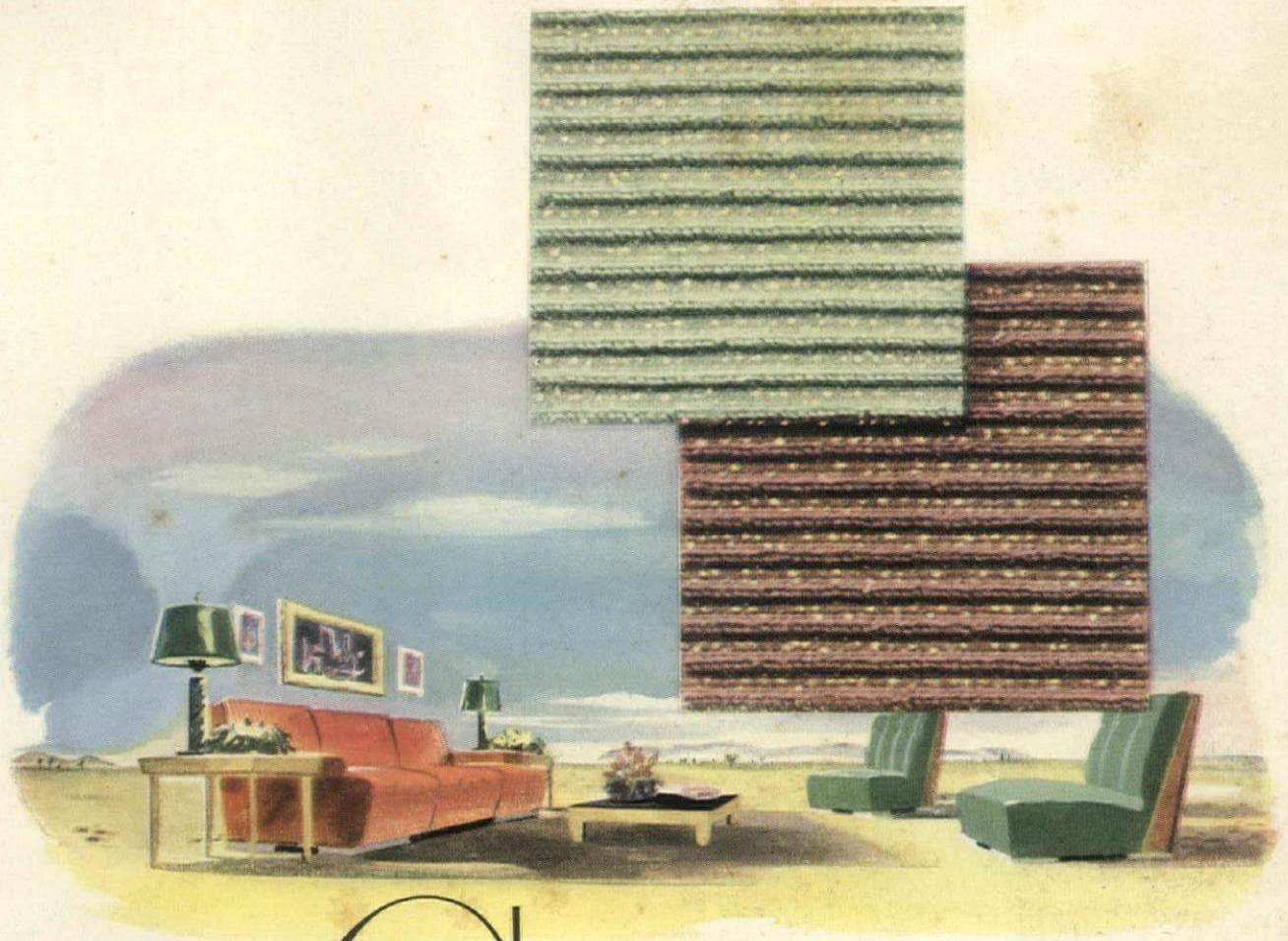
An adjustable baby gate that is not permanently attached but can be moved instantly from one doorway to another. Held tightly in place by rubber-covered clamps that grip doorcasings up to 7".

Has no crisscross slats to pinch little fingers or give toe hold for climbing over. Fits doorways from 26" to 37" wide. Height 25".

Beautiful natural finish \$5.95 ppd.  
White, pink or blue \$1.00 more.

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CA-VEL

*presents Tiffany*

a luxurious new ribbed frieze  
in rich decorator colors flecked with gold

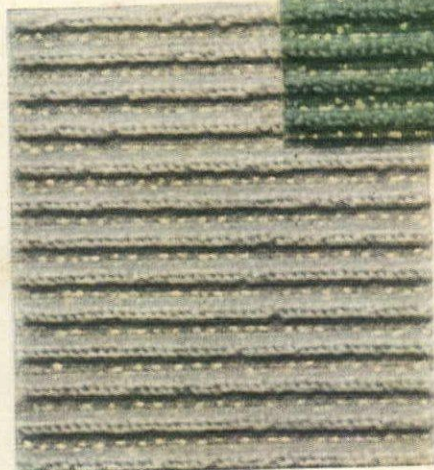
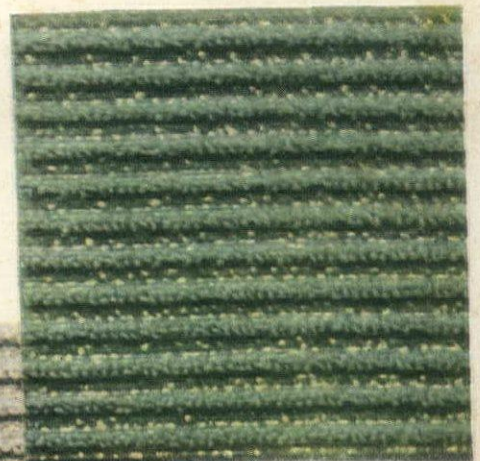
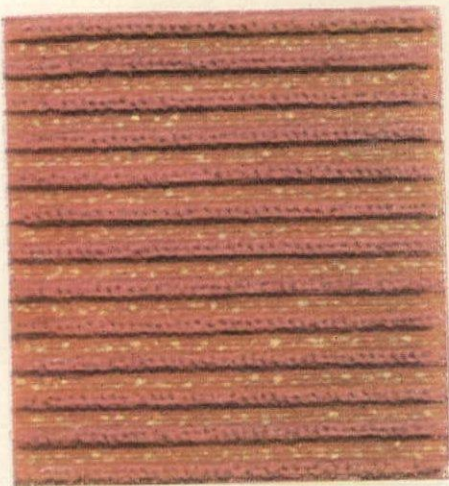
Frieze, ribbed ruler-straight and threaded with glitter to mark it high fashion for 1949. Choose yours from seven new colors—dark, bright, sharp or rich.

Here are five of them: Seafoam Green, Soft Brown, Bright Flame, Meadow Green and Pearl Gray.

And because Tiffany is a Collins & Aikman fabric, it stands for fashion leadership and luxury. It expresses the smartest modern; it's a fabric for decorator-planned rooms of true distinction. Naturally you can depend upon Ca-Vel — over a hundred years of craftsmanship are woven into every yard, every glittery fleck, of Tiffany. Collins & Aikman Corporation, 200 Madison Avenue, New York 16, N. Y., Merchandise Mart, Chicago, Illinois.

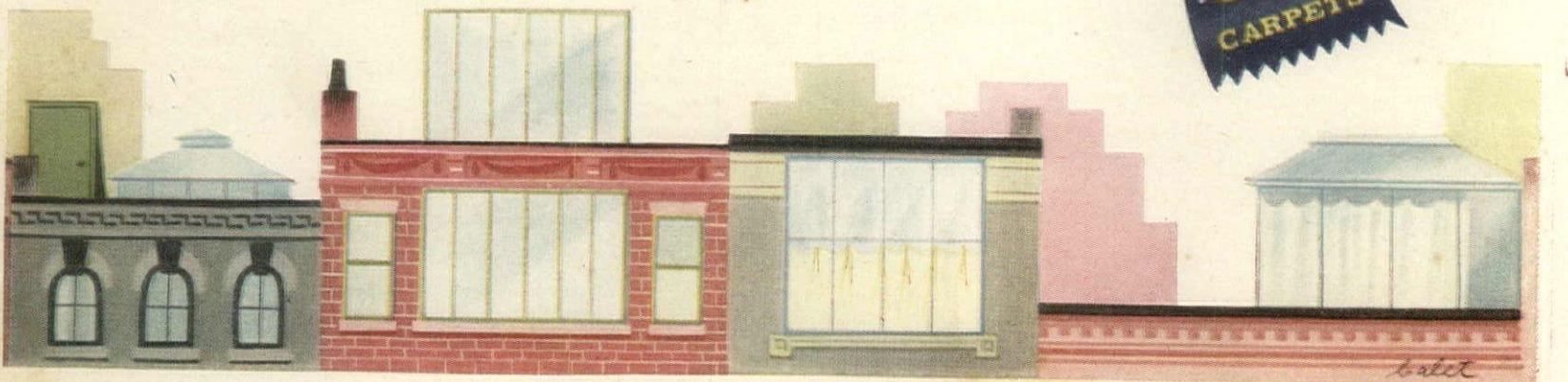
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Fine Upholstery Fabrics for over 100 years



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or traditional,  
there's a Lees carpet  
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Every shade,  
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you could desire  
is carefully created in  
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on the famous Lees looms.  
In all price ranges.  
The carpet is Ashlawn  
in one of its  
many lovely patterns.





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Precedent  
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Drama**

Solve short-space problems with compact, competent Precedent by Drexel.

Many pieces do double duty—the drop-leaf desk requires no extra floor space when it's open . . . the nested end tables have extra shelves . . .

And there's oodles of room in all cabinet pieces.

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# Here's the **NEW** Fashion Trend<sup>®</sup>

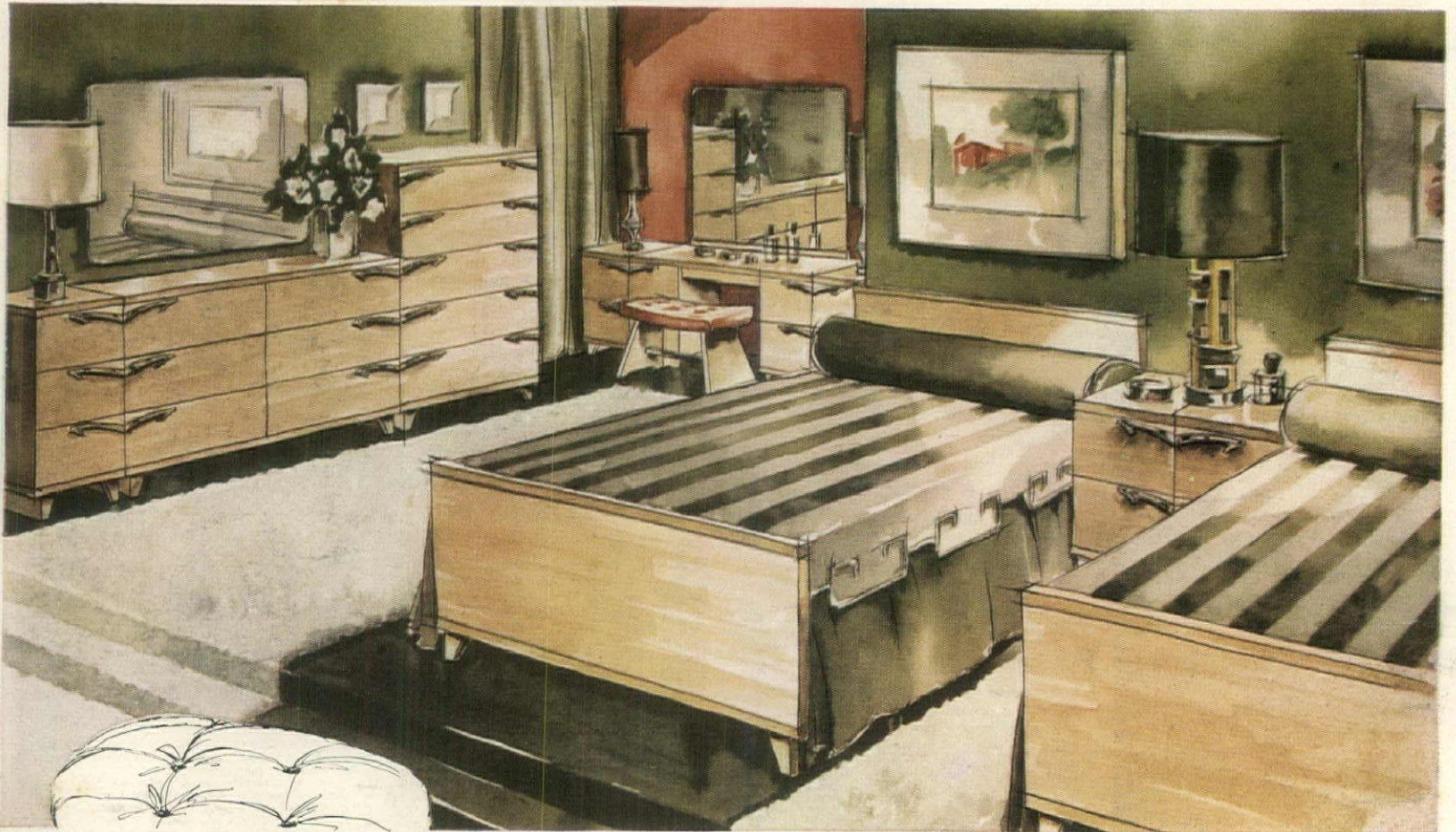
BY JOHNSON-CARPER

*Charming as youth itself . . . modern as this very moment . . . and designed so that you may arrange it in as many fresh, new combinations as your heart desires—that's Fashion Trend, bedroom furniture for Today.*

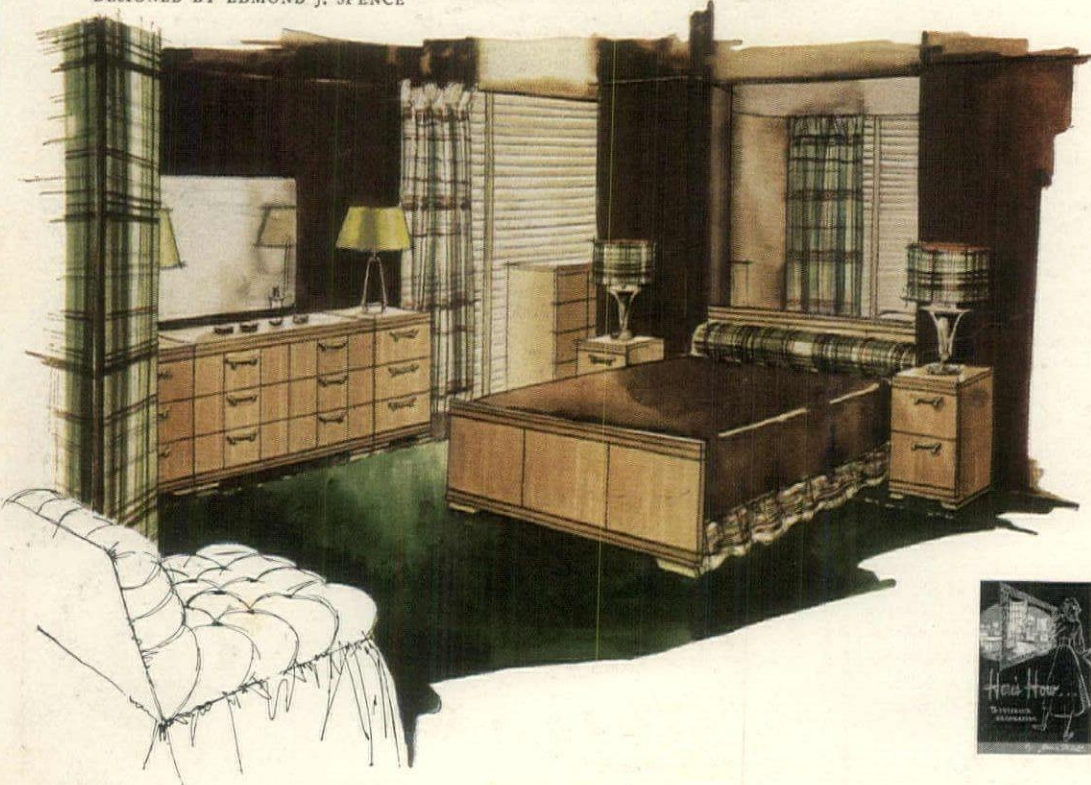
With versatile Fashion Trend, you can create your own clever, handsome bedroom ensembles, for each unit of this beautiful furniture is a companion-at-large to

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DESIGNED BY EDMOND J. SPENCE



Fashion Trend is made in three charming, modern styles. The two new suites shown here are available in rich American Walnut and in the distinctive new light-toned Korina. A third suite, already gracing thousands of beautiful bedrooms, offers your choice of American Walnut or Avodiré, one of today's most popular new woods. The complete suites include bed, chest, vanity, single and double dressers, junior chest, night table, chestrobe and bookcase. You may buy these units singly or in any combination. And remember, please—Fashion Trend is furniture you'll have to love, and love to have . . .

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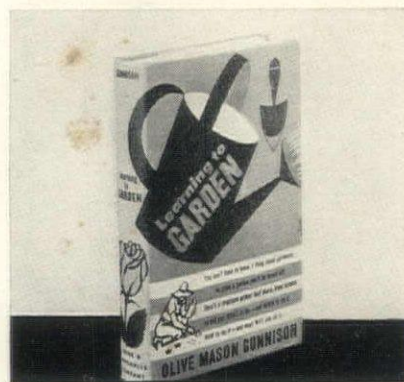




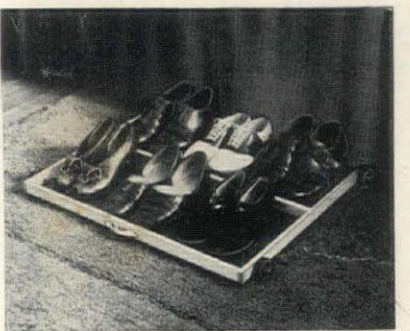
# SHOPPING AROUND



20° cooler than ordinary, iced drinks and undiluted cocktails, iced tea, coffee or fruit juices, served from the Precision Cooler, retain their true flavor. Can be used as an ordinary cocktail shaker by removing inner chamber, has drip-proof pouring device, holds 32 oz. Only \$9.95, post. 20c. Lewis & Conger, 45th St. & Ave. of Americas, N. Y. 19, N. Y.



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Measures 24" x 30" x 2" high.

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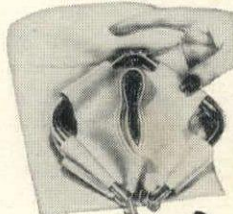
Sweet and neat for little misses. No chance of the petticoat blouse popping out when worn with skirt or pinafore. Adjustable elastic waistline and sleeves. Buttons all the way down the back and opens flat for easy laundering. High count Sanforized broadcloth. 3-inch eyelet ruffle at the hem.

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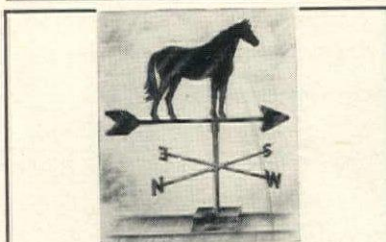
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The plastic-impregnated seat is washable. Weighs only 8 oz. Pink or blue (with deflector). Complete with case, only \$2.50, includes postage

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Another different baby item from



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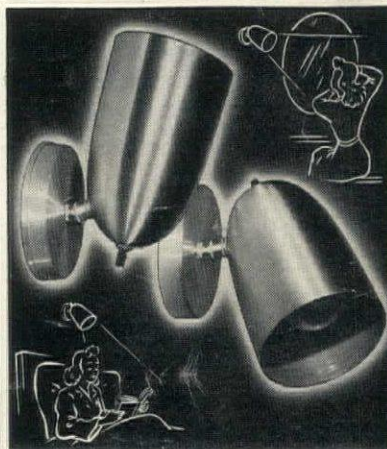
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Only \$5.85 each, two for \$10 postpaid.

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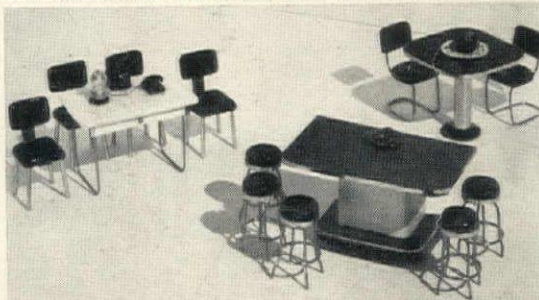
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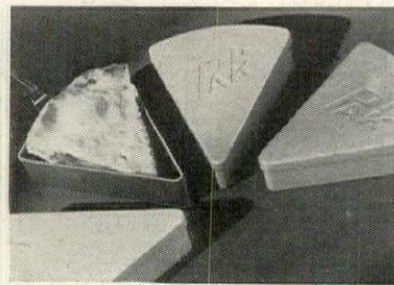
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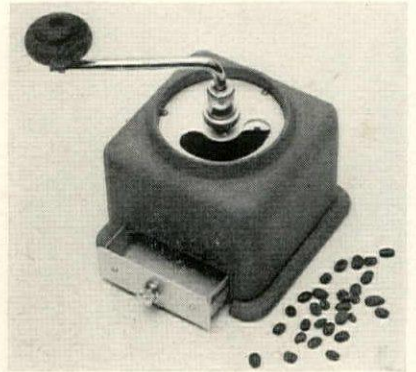
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# SHOPPING

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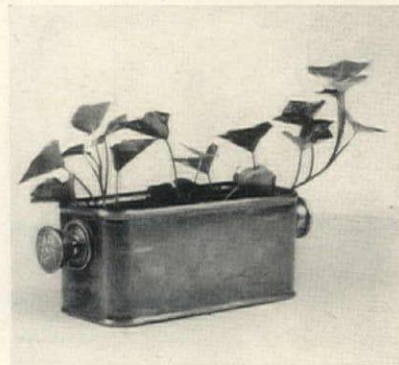
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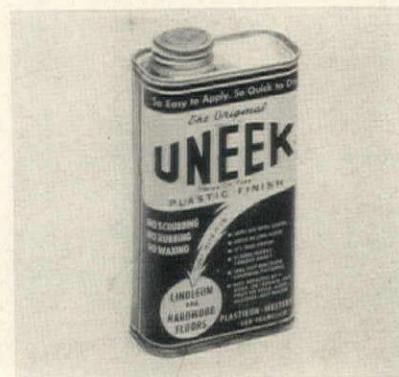
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This is Uneek—permanent plastic finish that seals your floors with slip-proof, satin-gloss finish. Dries in an hour and will not discolor. Just wipe on with cloth and never scrub or wax your floors again. A damp cloth will remove future grime easily. Pint covers average room. \$1.80 ppd. Plastikon-Western, Inc., 552 Polk St., San Francisco, California.



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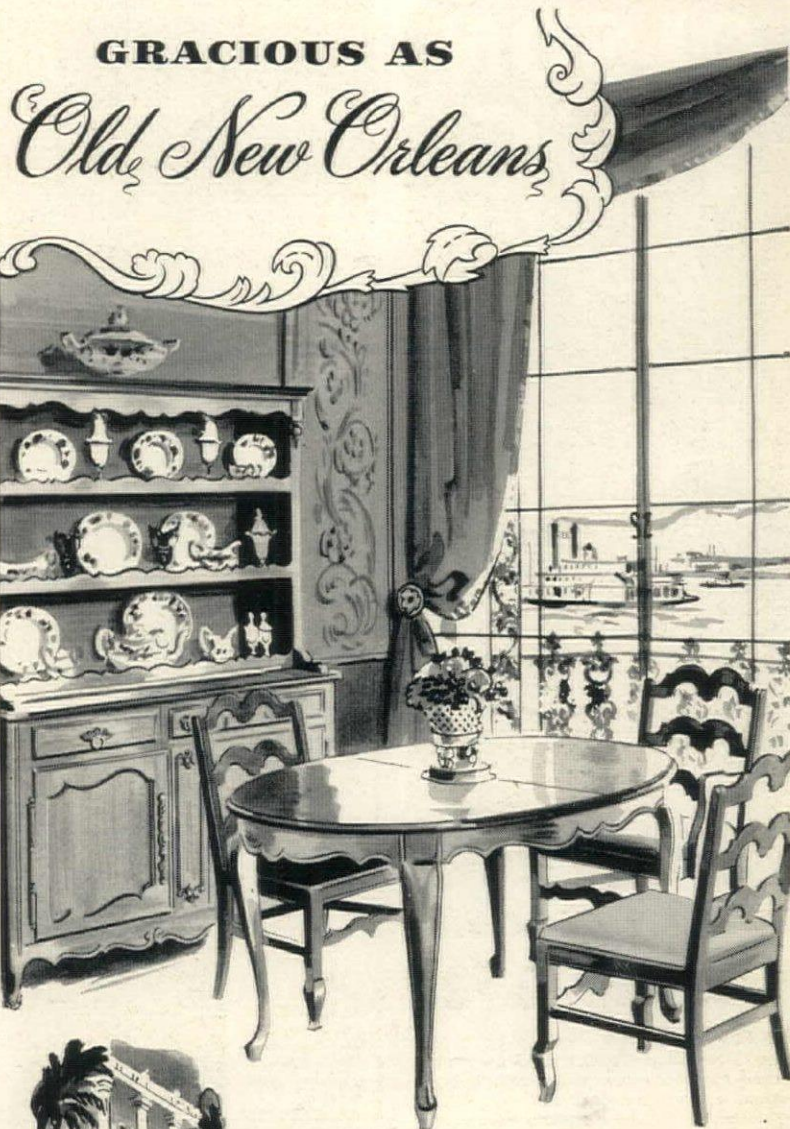
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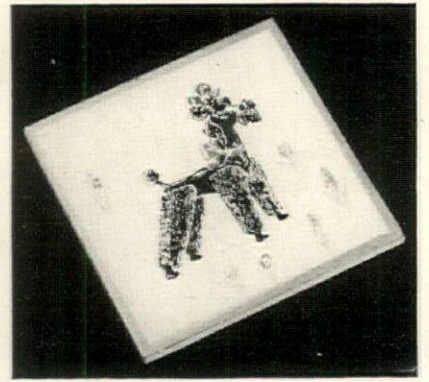
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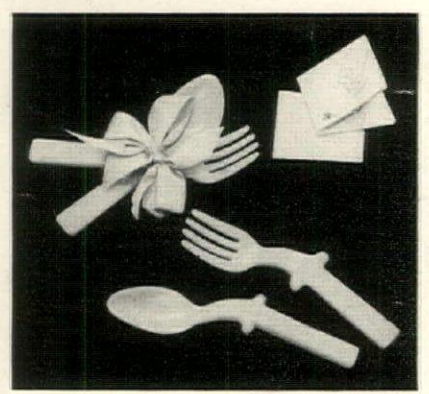


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**I'll do . . .** a better job of controlling your heating plant than your present plain thermostat.

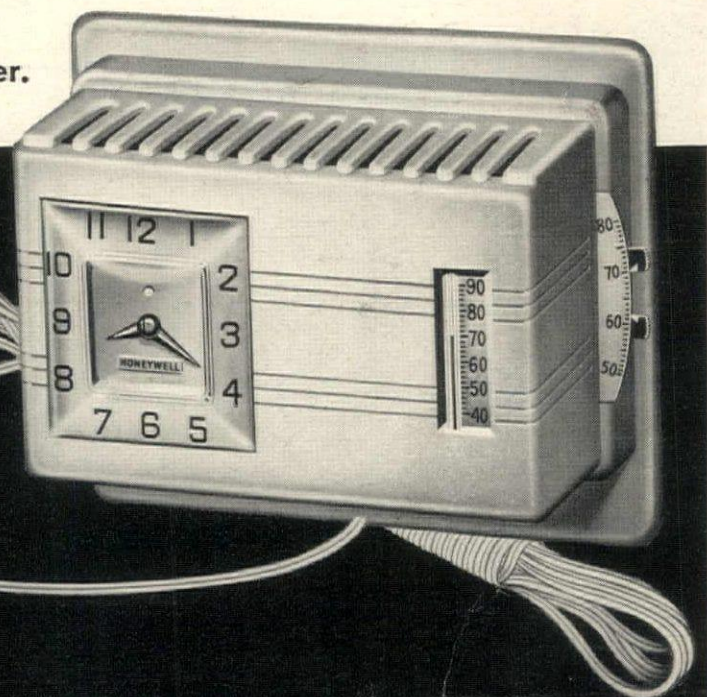
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You can install me yourself in less than ten minutes in place of your present thermostat. I cost only \$39.50, including federal tax.

For your new home or new heating plant, I am a 'must'.

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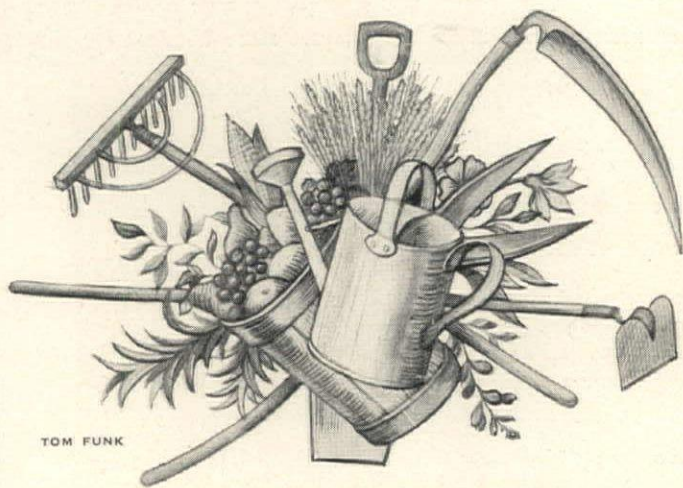
Carefully designed to bring the charm and grace of 18th Century mahogany bedroom furniture within the modest budget and yet combine the cabinet work and unseen construction that are to be found in furniture "for the years to come." Can be seen at the better furniture and department stores in January, February and March. Booklet on request.



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Winston-Salem, N. C.

BEDROOM AND DINING ROOM FURNITURE

# Gardening begins in your living room



TOM FUNK

**I**F this is your first year as a gardener, you are probably impatient at the long winter months which keep you house-bound. But the experienced gardener knows that this is in many ways the most fruitful time of the year. Spring is all action. Summer and autumn are busy with harvests of fruits and flowers and vegetables. Winter is when you plan your garden, learn the skills that you will need in the months ahead. Despite the avalanche of new and improved plants presented to American gardeners each year, we are inclined to loiter in the beaten path. Despite the excellent tools and machinery devised to make gardening less of a chore, we are timid about enlarging our gardens. Despite the fact that no new material reaches us till it has been tested and re-tested, we ourselves are all-too-seldom ready for it. While the garden sleeps, the gardener should be wide awake. That is why January is the time we choose to devote almost an entire issue of this magazine to gardening. When the willows begin to bud you will have little time for reading. Now is when you order for the year ahead, working from a carefully considered blueprint. Only in this way can you be ready for the rush of activity which the sun releases as it thaws your garden to life in the spring of the year.

# Gardening

advances on five important fronts

... IN NUMBERS

At the end of World War II there were four times as many gardeners (4,500,000) in America as at the end of World War I. In 30 years, four times as many people have learned what it is to work on the land, enjoy the increase that springs from it.

... IN SAVING SOIL

Within the same span, awareness of the value of the land has grown beyond computation. Americans today begin to grasp the need to keep it in health and to halt the waste of its fertility which ignorance and greed have brought to a dangerous pass.

... WITH BETTER PLANTS

Though their numbers may be bewildering, the new varieties of flowers and vegetables offered each year are more than an effort to satisfy the American desire for something new. They are largely improvements on existing varieties. In many strains they are healthier, resist disease more readily, give more abundantly.

... WITH BETTER GARDENERS

A spate of garden books pours from our presses, summer and winter. It is hard to believe that any American can be ignorant of gardening. Garden Clubs which disseminate inspiration and information seem to spring up wherever gardeners meet.

... WITH LEADERS

We need bellwethers everywhere, home owners who are devoted to their plots of land and who spread enthusiasm for gardening and urge their neighbors on to pleasant competition. Over the picket fences and stone walls and hedges, their quiet gossip and note-comparing spread a gospel of contentment and better living.

RICHARDSON WRIGHT

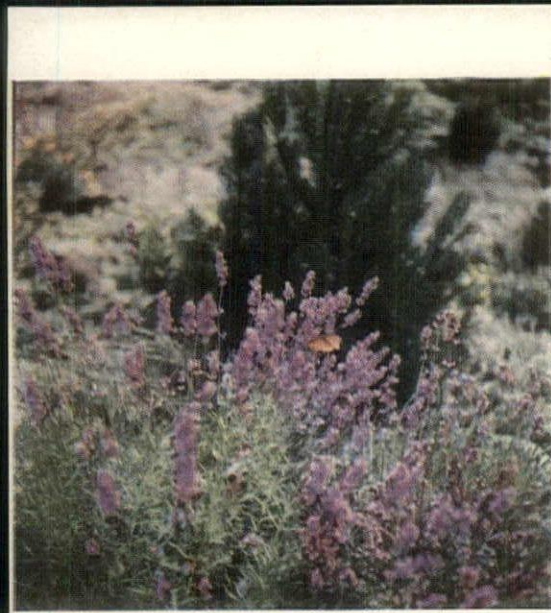
*Opposite:* THE SPRING GARDEN IN ALL ITS LOVELINESS

If you want your own garden to advance, you must give time, energy (by nightfall, you will think you can never raise a shovel again) and hopefulness. The rewards are here, in this painting by Mary Faulconer.

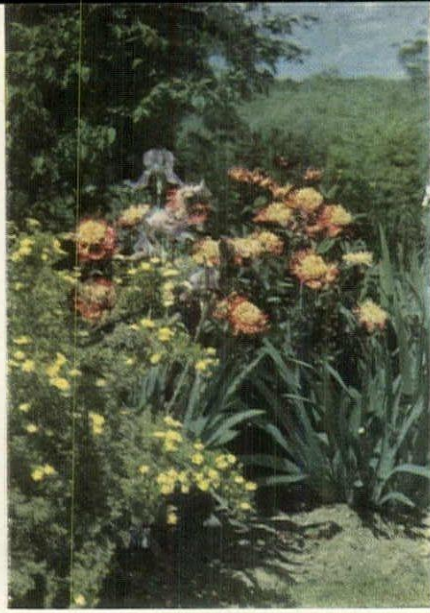




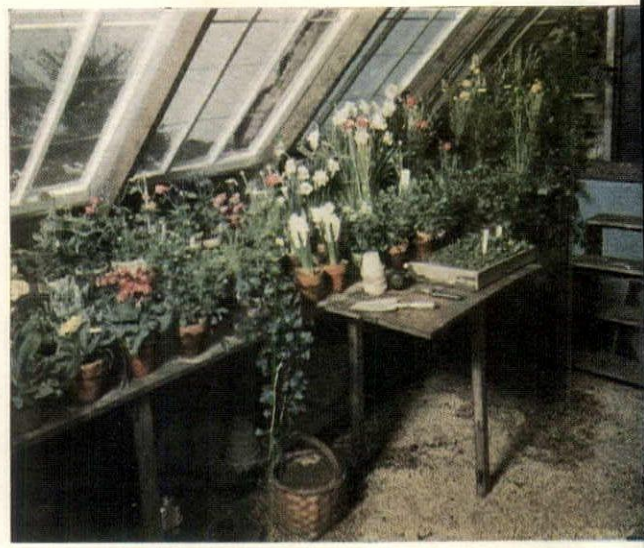
GOOD GARDENING IS GOOD LIVING



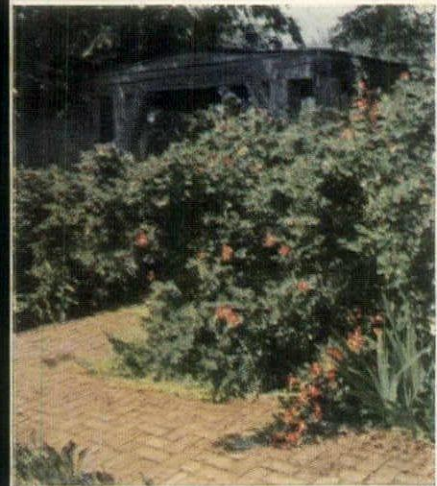
TOADFLAX GROWS IN JUMBLED BEAUTY



POTENTILLA AND JAPANESE PEONIES



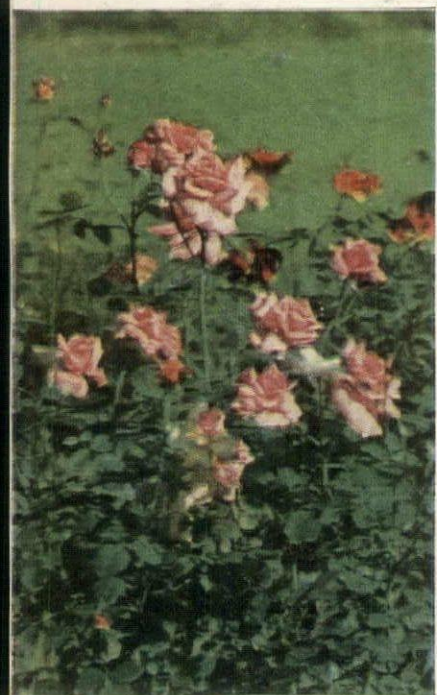
A PIT GREENHOUSE SHELTERS A VARIETY OF PLANTS



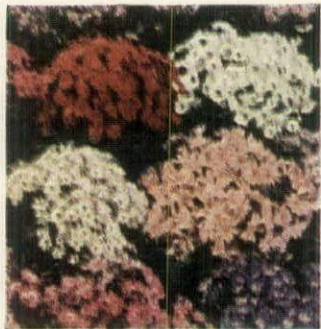
THIS RUGOSA ROSE IS RUSKIN



'THE FLOWER-RIMMED TERRACE AT THE HERMON MORES', WOODSTOCK, NEW YORK



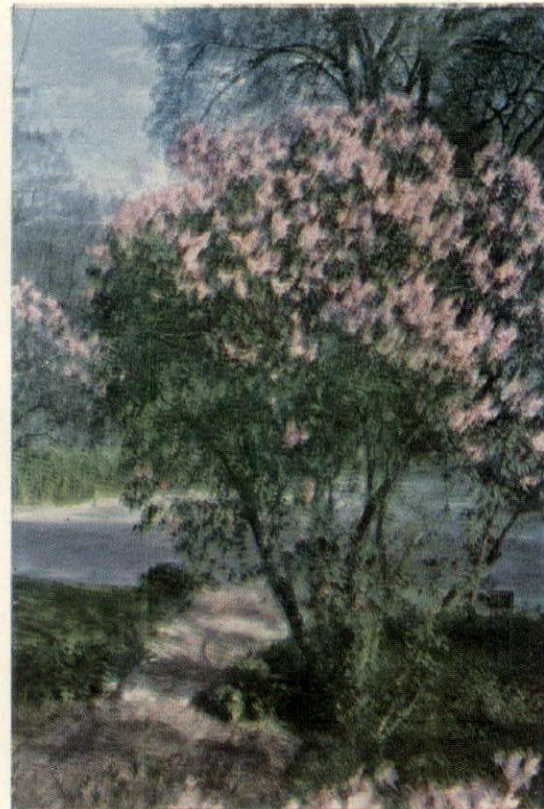
PINK PRINCESS, A VIGOROUS GROWER



MASSED CINERARIA



ROSE MAGNA CHARTA



HAZY LILACS BLOOM IN A DOORYARD



CALADIUMS AND CYCLAMEN AT NEW YORK SHOW



PINK AZALEAS BY A WELLHEAD

## A calendar of new perennials

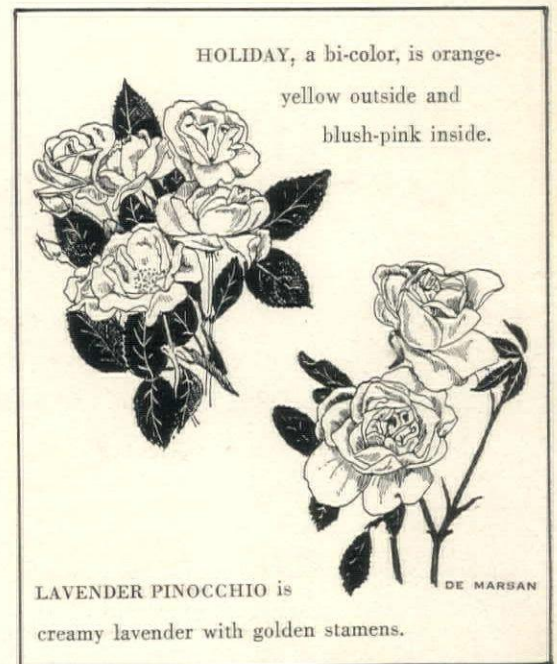
Month after month, they will add color to your garden

by R. W. CUMMING

THE WORD "new," applied to plants, is tricky to define technically. Sometimes novelties are permutations of old familiar favorites. Sometimes they aren't brand new, but have never before been generally available. The safest way for the gardener to arrive at a satisfactory definition of the word "new" is to ask himself whether he's ever grown a particular flower before. The varieties which I have singled out here are all recent and excellent. If you order and grow the ones which appeal to you, your garden will unfold fresh and pleasant experiences next summer. After all, experimenting is half the fun of gardening.

TO RUN more or less chronologically through the season, let us begin with early April. The brilliant lungwort, *Pulmonaria* Salmon Glory, is low and well covered with good salmon-red blooms. Very showy, it prefers some shade if it is to retain its large leaves all year. In April also, the six-inch spikes of *Erica vivelli* are covered with bright carmine flowers, and no shade or protection seems necessary. Not exactly a perennial, it is a fully hardy heath plant, a low, mat-forming evergreen. *Viola* Yellow Vixen starts its parade of pretty one-and-a-half-inch primrose-yellow blooms soon, and continues all season. It seems to have a rugged constitution. Another rugged new *viola*, Gerald Wallace, is a lovely two-toned blue.

A NEW candytuft, *Iberis casus* Purity, is notable for its whiter, larger flowers, outlasting Snowflake by weeks. This also mats, but slowly, and is always attractive. A very tough, desirable plant for the rock garden is *Polemonium* Blue Pearl, a long-blooming Jacob's-ladder with large blue flowers over fine, fern-like foliage. It may spread to two feet but can be safely divided either in August or very early spring. *Anthemis* Golden Dawn is a fully double marguerite, like a pompon marigold. Hardy and tolerant of dryness, its 18-inch stems allow cutting through a long season. The parade of pinks is always delightful and *Dianthus* Salmon Unique, a good double, 15 inches tall, helps to make it so. Dubonnet brings a wine-red shade distinctly new to hardy carnations. Shorter and more semi-double in form is Wallace Red, dark red over crisp green foliage. These fragrant plants are at their best in June and July, September and October, but scatter bloom in August as well. Among the loveliest of our flowers is the painted daisy, *Pyrethrum*. Since named varieties (Cont'd on page 91)



Opposite:

### A POTPOURRI OF FLOWERS

The perennials on this page, some of them established favorites, some newcomers, bloom through the summer. No one of them is beyond the amateur's skill.

IS GOOD LIVING

continued

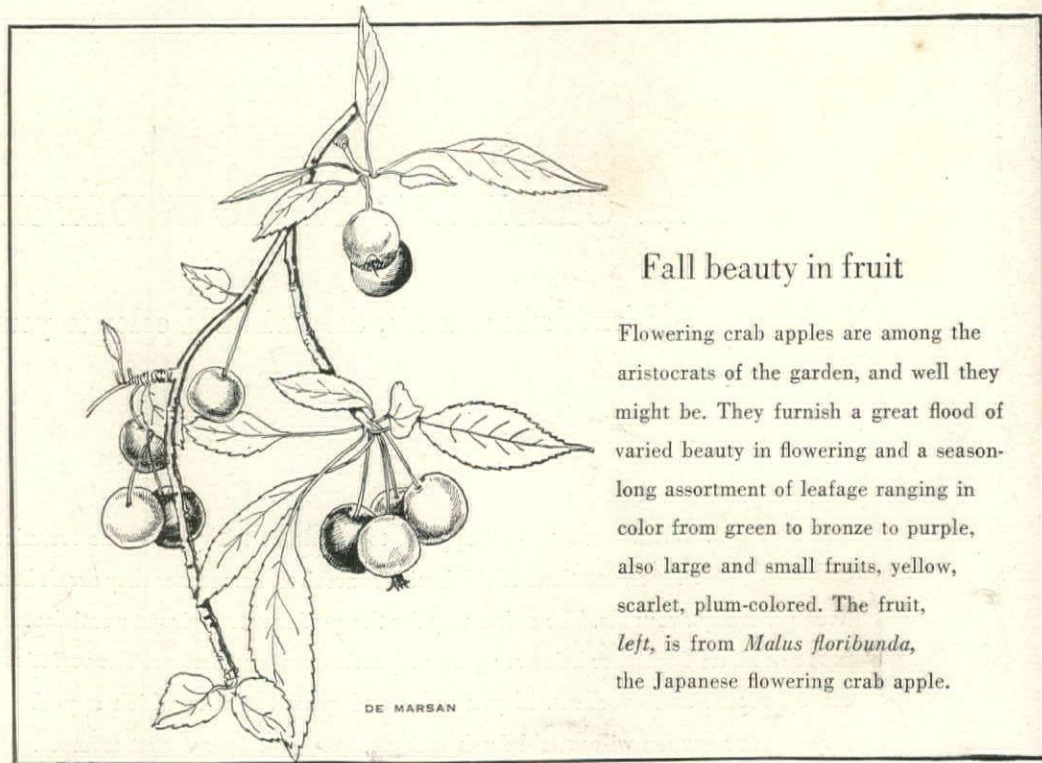
# Flowering crab apples add beauty

## to spring gardens

**S**HOWERS of rosy petals on the grass, honey bees and birds are all part of the pleasure of growing crab apple trees. The small-fruited apples are commonly known as crab apples, and those grown for ornament are sometimes called flowering apples, indicating that they are grown to be looked at rather than for food. Sifting the names of hundreds, we find a dozen or two of greatest worth for planting in North America wherever common eating apples are grown, and even further north, well into the colder regions of Canada beyond the eating apple range. They give great beauty of bloom and many give beauty of fruit. With maturity, they often acquire, on a smaller scale, the picturesque twisted limbs and billowy outlines that we look upon so fondly in their larger relatives.

Most of the ornamental crab apples range from about 15 to 20 feet in height; a few are smaller, a few larger. They are at their best in plenty of sun. In shaded situations, they tend to grow tall and straggly, and the bloom decreases in proportion to the amount of shade that they receive.

It is convenient to consider the crab apples in two groups: the early-flowering Asiatic kinds, and the later-flowering American kinds. First to bloom is a group derived from *Malus pumila niedzwetzkyana*. All in this



### Fall beauty in fruit

Flowering crab apples are among the aristocrats of the garden, and well they might be. They furnish a great flood of varied beauty in flowering and a season-long assortment of leafage ranging in color from green to bronze to purple, also large and small fruits, yellow, scarlet, plum-colored. The fruit, left, is from *Malus floribunda*, the Japanese flowering crab apple.

by GERTRUDE M. SMITH

group inherit from this parent a purplish tinge to flowers, foliage, the fruit and its flesh. The red or purple in the foliage is most pronounced in spring. In general, these trees have showy red fruit.

The purple crab apple, *M. purpurea*, with soft purplish-red flowers, blooms early, followed quickly by the Eley crab apple, with flowers and foliage a little darker. Reddest is Lemoine, most brilliant of the flowering apples. Among newer varieties, Hopa is very fine, similar to Eley, with good-sized red fruit. Another, Red Silver, has a silvery sheen to the underside of the leaves. Its flowers are red, and the foliage retains its red cast throughout the whole of the summer.

Most popular of the Asiatic varieties is the lovely Japanese flowering crab apple, *M. floribunda*. Its quantities of pink buds open to a more delicate pink, fading finally almost to white. In October, the birds devour the tiny yellow apples. It will grow 15 to 20 feet in time, and just as broad, or broader. (Cont'd on page 94)

Opposite: BECHTEL'S CRAB APPLE

This variety, first found in the Mississippi Valley, bears double flowers, pale pink, sweetly scented and four inches across.



## Will your garden be formal or informal?

These are points which will influence your choice: (1) lay of the land, (2) architecture of your house, (3) amount of work required to maintain the garden in top order, (4) whether you are a formal or informal person and (5) degree to which tradition guides your taste.



LEONARD  
MINIATURE BOX OUTLINES THE BEDS OF THIS FORMAL GARDEN IN ATHENS, BUILT AS A MEMORIAL AT THE UNIVERSITY OF GEORGIA

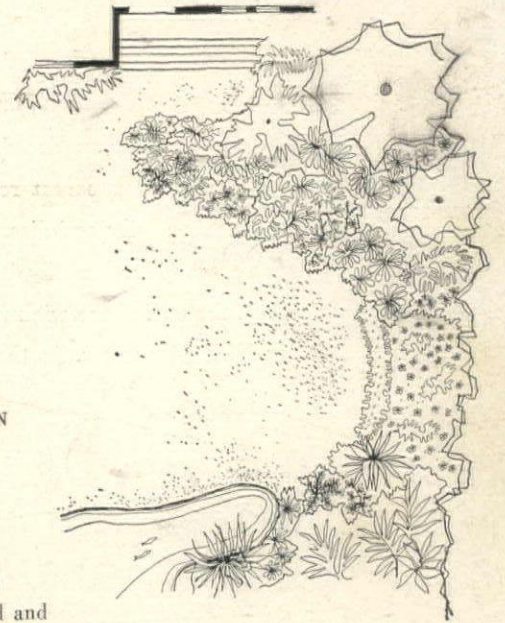


VAN LENNEP

Above and right:

INFORMAL? THEN YOUR GARDEN MAY LOOK LIKE THIS

This informal garden in Holland follows the popular American and English taste. It consists of an irregular panel of turf rimmed with a deep herbaceous border (see plan, right). The plants range from the lowest in front to the highest at the back and provide a succession of bloom through the seasons. Tall shrubs and trees, in the rear, give a green foil to the various colors.



MADELAINE THATCHER

FACTORS TO GUIDE YOU IN  
YOUR CHOICE OF A GARDEN

A garden reveals its owner. Are you a neat-and-tidy formalist or are you blithely informal?

Your taste, together with the contour of the land and the degree of your affection for the past, may influence

the kind of house you build and the type of garden surrounding it. *Left*, a formal eighteenth-century design of clipped boxwood on a flat surface. *Right*, an informal garden in the style of the late nineteenth century, marking a revolt against

the stiff "bedding out" of Victorian gardens. This plan furnishes

a better way to grow annuals and perennials together. Which

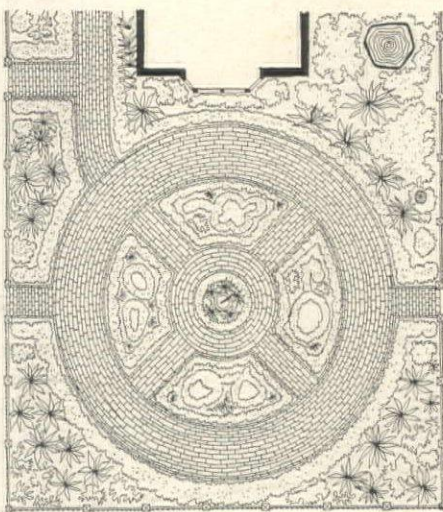
is more work? The former needs to be manicured

but beds filled with green ground covers reduce labor.

The informal garden demands constant attention to maintain a

succession of bloom and the lawn must be immaculately kept.

Informality should not mean slattern, hit-or-miss gardening.



Opposite and above:

FORMAL? THE PATTERN WILL BE PRECISE

A parterre (ornamental arrangement of flower beds) in the eighteenth-century manner is among the gardens made to celebrate the founding of the first garden club in America at Athens, Georgia, in 1896. Individual designs represent the four state emblems.

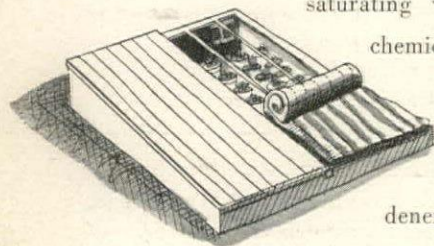
# Give your plants a good start

**S**EEDS fall into two general classes, soft-shelled and hard. They range from what looks like dust to fruit as big as your fist. In each is hidden capacity for growth. Each has its own vitality, its own strength to break its shell and put forth leaves and roots. Only the hard-shelled (sweet peas and such) need help to quicken their germination. Some you soak in water for a few days; others, which are laggards (such as delphinium), respond to being frozen and kept for a fortnight in the refrigerator.

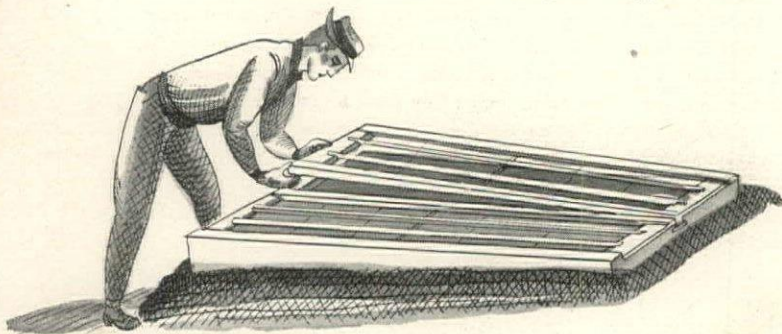
The soil in which seeds are to germinate should have two qualities: (1) it should be porous—hence add sand to clay soil—(2) it should be sterile. Sterilize soil by baking,

saturation with boiling water, or with a chemical which kills off the spores of disease. Or else use prepared mica which has been sterilized, thus avoiding what all gardeners dread, "damping off," where,

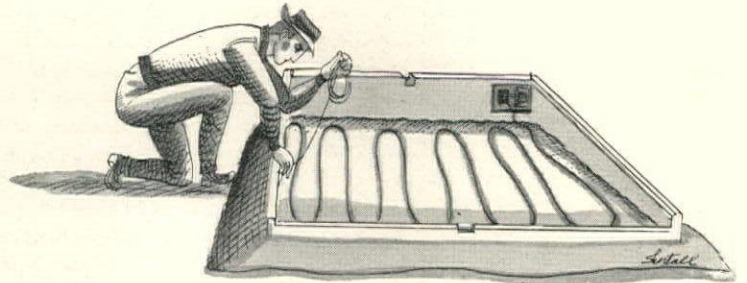
for no apparent reason, a whole flatful of seedlings wilts and dies. Take a flat, lay along its bottom a glass wick, then fill with sterile soil or prepared mica, put the end of the wick in a mason jar and keep the jar filled with water. As the plants appear, dissolve



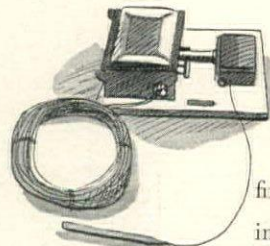
COLD-FRAME COVER



IN EARLY SPRING IT IS NECESSARY TO AIR THE PLANTS OCCASIONALLY



ELECTRICAL HOT BED



ELECTRIC SET

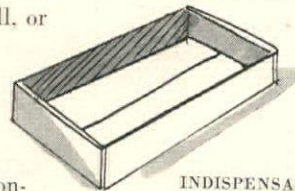
a little fertilizer into the water. After the plants have shown their first true leaves, they are ready to move into growing soil. This may be in a hot bed or a cold frame, according to season.

In the course of this planting, observe the roots, for they indicate the nature and condition of the soil different plants will need. If roots are long and go straight down, the soil must be dug deep. If the roots are matted, the chances are they will want a damp soil.

The main aim is to keep plants growing. If they are set back by a sudden chill, or the air in the cold frame is not fresh, or they lack water, their advancement will be retarded. Hence we electrically-heat hot beds in order to control the heat. This is also the reason for airing cold frames on sunny days and the use of a fine nozzle on the watering pot so that infant plants may be water-sprayed, not deluged and dislodged.



FOR SOIL TESTING

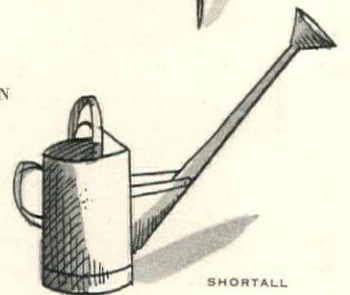


INDISPENSABLE FLAT



A GOOD MARKER

THE ESSENTIAL WATERING CAN



SHORTALL

*Opposite:* KNOW YOUR PLANTS AND THEIR HABITS

Gardeners soon learn that plants are like individuals, placid and satisfied or cranky and demanding.

While the majority of seeds can be germinated in the same kind of soil or medium, when they assume their first true leaves and send down roots big enough to study, they also begin to display their idiosyncrasies. For that reason these two tables of 80 good perennials and annuals mention particular plant wants and the ways in which to use plants most effectively.

Give them individual care and environment and they will flourish. Be slapdash about it and they may sulk.



Forty good perennials

NAME	HEIGHT	SEASON	COLOR	COMMENTS AND DIRECTIONS
Alyssum, hardy	12"	April-May	Golden yellow	Broad, solid masses of bloom. Excellent for edging sunny borders.
Anthemis	24"	June-Oct.	Golden yellow	Showy, daisy-like flowers for display and cutting. Easy of culture and long-lived.
Arabis	10"	April-May	White	Low and spreading; combines well with alyssum as border edging plant.
Aster, hardy	8"-48"	Sept.-Nov.	Various	Many fine types, including new dwarfs. Indispensable in the autumn garden.
Bleedingheart	18"-36"	April-June	Deep rose	Graceful and arching, especially when well established. Part shade. Appreciates good soil.
Butterfly-weed	24"-36"	July-Aug.	Orange	An outstanding native plant for brilliant effects in dry, sunny places. Excellent for cutting.
Campanula	24"-36"	June-July	Various	Several types, best treated as biennials. True perennial ones best for rock gardens.
Candytuft, hardy	6"-10"	April-May	White	Evergreen, especially good for edging and low, broad masses. Best in full sun.
Chrysanthemum	18"-40"	Aug.-Nov.	Various	Many fine modern types and varieties, including Korean hybrids. Good soil, full sun.
Columbine	18"-36"	May-June	Various	Exceptionally graceful and attractive, especially the hybrid strains. Display and cutting. Sun.
Coreopsis	24"-36"	June-July	Yellow	Very easily grown, excellent for garden display and cutting. Keep old flower heads removed.
Daylily	24"-48"	June-Aug.	Various	Greatly improved modern varieties give long season of bloom. Good soil, full sun to part shade.
Delphinium	36"-60"	June-Sept.	Blue, various	Best of the tall blue flowers, especially the modern strains. Superb for cutting and display.
Dianthus	8"-18"	May-July	Pink, various	Several types, mostly fragrant. Excellent for cutting. Flower freely in sun and lime soil.
Doronicum	24"-30"	April-May	Orange	Daisy-like flowers in masses, good for display and cutting. Sun and well-drained soil.
Evening Primrose	18"-24"	July-Sept.	Primrose	Continuous flowering in well-drained soil and sunny situation.
Flax	18"	May-June	Light blue	Graceful and airy, delightful clean color. Best in masses, sun or part shade.
Forget-me-not	8"-12"	May-Oct.	Light blue	As edging or masses, or as ground cover for spring bulbs. Sun or light shade.
Gaillardia	15"-24"	June-Nov.	Various	Continuous flowering, especially good for cutting. Modern named varieties much improved.
Geum	15"	May-Oct.	Various	Good for garden display and cutting. Very long-flowering. Singles and doubles.
Gypsophila	24"-36"	June-Sept.	White, pink	Clouds of wee, dainty flowers, indispensable for arranging with other flowers.
Heuchera	12"-18"	May-Sept.	Red, pink	Effective in masses and for cutting. Tall, airy stems. Sun or part shade.
Hollyhock	60"-80"	July-Sept.	Various	Tall and dominating, against walls, buildings or at back of border. Singles and doubles. Full sun.
Iris	6"-48"	April-Sept.	Various	Many types and varieties. Can be selected for moist or dry, sunny or shady conditions.
Liatriis	36"-48"	July-Sept.	Purplish	Long, slender, picturesque wands of densely packed little blossoms of peculiar rosy-purple color.
Lupine	15"-48"	May-June	Blue, various	Unsurpassed where conditions suit it. Full sun, fair amount of moisture.
Mallow	60"-80"	Aug.-Oct.	Pink, various	Enormous crepe-paper blossoms. Superb for dominating masses. Sun or part shade. Moisture preferred.
Meadowrue	36"-48"	May-June	Creamy, pink	Feathery and fine for cutting. Moist, well-drained soil in sun or part shade.
Monkshood	36"-48"	Aug.-Sept.	Blue, white	For display at back of border, and for cutting. Rich, not dry soil and partial shade.
Peony	30"-40"	May-June	Various	Indispensable in borders or in front of shrubbery. Some varieties fragrant. Sun and deep, rich soil.
Phlox, garden	30"-40"	June-Oct.	Various	Unexcelled for masses of color. Good soil, fair moisture and full sun.
Platycodon	24"	July-Nov.	Blue, white	For garden display and cutting. Sandy, well-drained soil, sun or shade.
Poppy, Oriental	24"-36"	May-June	Various	Many new, subtle colors available in this old-time favorite. Sun and good soil.
Primrose, hardy	8"-15"	April-May	Various	For edging and general early display in well-drained, not too dry soil.
Scabiosa, hardy	18"-24"	May-Oct.	Various	Excellent border plants for full sun and average soil. Large, showy flowers.
Shasta Daisy	18"-24"	June-Nov.	White	Showy, many-petaled flowers, fine for display and cutting. Prefers cool, moist soil.
Spirea	15"-36"	June-July	Cream, pink	Fern-like foliage and spraying heads of small flowers. Sun or shade; moist, well-drained soil.
Sweet William	12"-18"	May-June	Various	Always desirable for border and cutting, especially the newer varieties. Full sun.
Veronica	8"-18"	June-Sept.	Blue, white	Graceful, slender flower spires, some very long. Sun or part shade.
Viola	6"-8"	April-Nov.	Blue, various	For edging and ground cover in either sun or part shade. Numerous varieties.

Forty good annuals

NAME	HEIGHT	SEASON	COLOR	COMMENTS AND DIRECTIONS
African Daisy	12"-24"	June-Oct.	Various	Daisy-like flowers, good for cutting as well as garden effects. Second sowing for late bloom.
Ageratum	6"-18"	May-Oct.	Blue, various	Compact and effective for front of border. Long-flowering if old flowers are removed.
Alyssum	4"-10"	May-Oct.	White, lilac	For informal edging and interplanting tall flowers. Succession sowings will provide continuous bloom.
Aster, China	18"-30"	July-Oct.	Various	Large, effective blossoms, fine for cutting and display. Not always easy, but should always be tried.
Babysbreath	12"-15"	June-Sept.	Blue	Showy, graceful and bushy. Seed should be sown under glass in March.
Balsam	10"-30"	June-Sept.	Pink, various	An old favorite now much improved. For display and cutting. Not too rich soil.
Begonia	6"-12"	June-Sept.	Various	Long display in hot, dry locations. Sow seeds under glass, or buy young plants.
Browallia	15"-30"	June-Sept.	Blue	Showy, graceful and bushy. Seed should be sown under glass in March.
Calendula	12"-18"	June-Oct.	Yellow, orange	Best in moist, rich soil. First sowing under glass; second, outdoors in May.
California Poppy	10"-12"	June-Aug.	Yellow, var.	Makes fine masses. Sow seed where plants are to bloom. Withstands sun and dryness.
Calliopsis	18"-36"	June-Aug.	Yellow, var.	Excellent for mass planting. Does not mind sun or dryness. No transplanting necessary.
Candytuft	10"-18"	June-Sept.	Various	Hyacinth-flowered strain especially good. Lower-growing varieties fine for edging.
Clarkia	24"-36"	June-Oct.	Rose, various	Shrub-like, flowers in a few weeks from seed. Especially good for cutting.
Cosmos	48"-72"	July-Oct.	Pink, various	Splendid tall-growing background plant. Sow seed early under glass.
Gaillardia	24"-30"	June-Oct.	Maroon, bronze	Brilliant and continuous bloom. Withstands drought and heat. Sow where you want it to bloom.
Globe Amaranth	12"-18"	July-Oct.	Various	Well-branched, free-flowering and attractive throughout the summer.
Godetia	12"-24"	June-Sept.	Rose, various	Cup-shaped, very attractive flowers, single and double. Easily grown and fully satisfactory.
Larkspur	24"-40"	June-Oct.	Blue, various	Indispensable for back of border and cutting. Fine modern varieties.
Lobelia	4"-10"	June-Nov.	Blue, various	Good edging plant that flowers freely but should be replaced in late summer.
Mallow	36"-48"	June-Sept.	Pink, rose	Foliage and flowers resemble hollyhock. Looks especially well against fence or wall.
Marigold	12"-40"	July-Oct.	Yellow, gold	Wide variety in both African and French types. Indispensable in every garden.
Mignonette	12"	June-Oct.	Pinkish white	Chief value is its unexcelled fragrance. Sow where plants are to bloom.
Nasturtium	15"-72"	June-Oct.	Various	Both dwarf and tall climbing types, singles and doubles. Full sun and average soil.
Nicotiana	18"-36"	June-Oct.	Various	Fragrant, freely-borne flowers and good general appearance. Sow under glass in March.
Nierembergia	15"-18"	June-Sept.	Lavender	A graceful, pleasing plant with yellow-eyed, saucer-shaped flowers. Very good.
Petunia	15"-24"	June-Oct.	Various	Both dwarf and balcony (spreading) types. Fine new varieties. Sun or shade.
Phlox	6"-15"	June-Oct.	Various	Sow early and successionally where plants are to bloom. Withstands dry, sunny conditions.
Poppy	8"-24"	May-Oct.	Various	For brilliant color masses. Easy and quick from seed sown where plants are to bloom.
Portulaca	6"-10"	June-Sept.	Various	Low, brilliant color masses in hot, dry places. Sow in May where plants are to bloom.
Salpiglossis	20"-30"	June-Oct.	Various	Showy and valuable for many situations. Sow early under glass or outdoors.
Salvia	24"-30"	July-Sept.	Blue	Not the scarlet sage ( <i>S. splendens</i> ). Sow under glass in March.
Scabiosa	24"-30"	June-Oct.	Various	Fragrant, delicately toned blossoms over a long period. Splendid for cutting.
Snapdragon	8"-30"	May-Oct.	Various	Especially for cutting and garden display. Many colors and heights. Pinch back for stocky plants.
Stocks	12"-20"	May-June	Various	Unexcelled for early summer, but cannot withstand great heat. Sow in March under glass.
Strawflower	12"-24"	July-Sept.	Various	Useful especially as "Everlasting" for winter bouquets. Sow under glass in March.
Sunflower	36"-72"	July-Sept.	Various	Many types more refined than the old barnyard kind. Easily grown.
Torenia	12"-18"	June-Sept.	Blue, pink	Effective and satisfactory in every way. Sow seed under glass about mid-March.
Verbena	8"-10"	July-Nov.	Various	Spreading ground covers that withstand even difficult conditions. Sow under glass in February.
Vinca	8"-12"	July-Oct.	Rose, pink	Especially for bedding and edging. Very free-blooming. Sow under glass in February.
Zinnia	15"-36"	July-Oct.	Various	Splendid new colors, forms and sizes. One of the best of all annuals. Sun and good soil.

## Are you an adventurous gardener?

Here is a crop of new annuals to give variety to your garden

by CARL V. CROPP

AS A RACE, we Americans are singularly incurious gardeners. Each winter we pore over catalogs which offer an exciting choice of new annuals. Each spring we go out and plant half a dozen or so of the same old species.

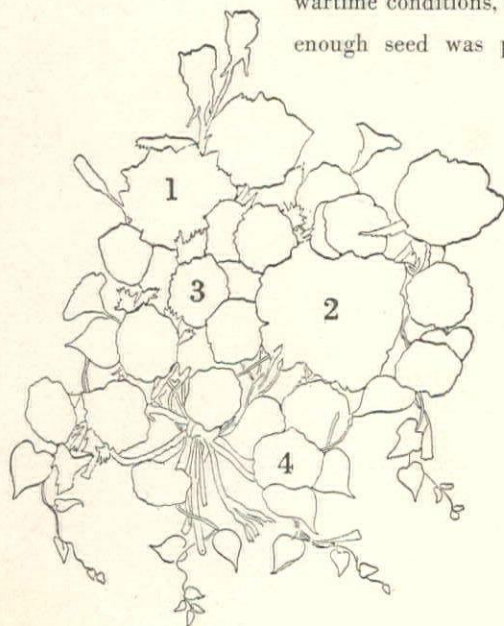
Only a few avid experimenters desert the beaten track. Gardening can be far more gratifying if you adventure. Plan to plant some new annuals each year and your garden will have a variety and charm it would lack otherwise. There is a thrill to seeing a new plant. When I walked into the private breeding patch of a well-known California seedsman a few years ago and saw *Ipomoea* Blue Mound for the first time, I knew I had discovered one of those rare novelties which represent a completely new race of plants. Try to imagine a normal Heavenly Blue morning-glory compressed into a variety 12 inches tall. Then picture that dwarf covered with the same four-inch flowers of the parent vine. That is *Ipomoea* Blue Mound. Because it gets its dwarf habit by reason of shortened internodes, it carries almost as many flowers as the taller plant, but they are borne so closely together that the foliage is all but invisible.

BLUE MOUND is a seedling of Clark's Early Flowering strain and retains the early flowering habit of its parent. Definitely a novelty that ought to be in every garden. A second novelty is a soft sky blue, not the vivid cerulean of a summer day, but rather the soft tint of a misty day in autumn. The flower is clearly marked with a five-rayed blue star. Along a fence, where the perspective is to be emphasized, this would be highly effective. Use the deeper shades close to the observer, a mixture of pale and deep blue in the center, and the pale tint at the far end. This will create an illusion of depth and distance that will add hundreds of feet to the apparent length of the planting. *Ipomoea* Blue Star won an Honorable Mention in the All America Seed Selections for 1949. Another All America winner was "warmed up" from the beginning of the war. Hollyhock Indian Summer won a Bronze Medal, but because of wartime conditions, seed could not be produced in quantities large enough to introduce it. With the lifting of restrictions, enough seed was produced to permit introduction in 1949. It was developed from

(Continued on page 92)



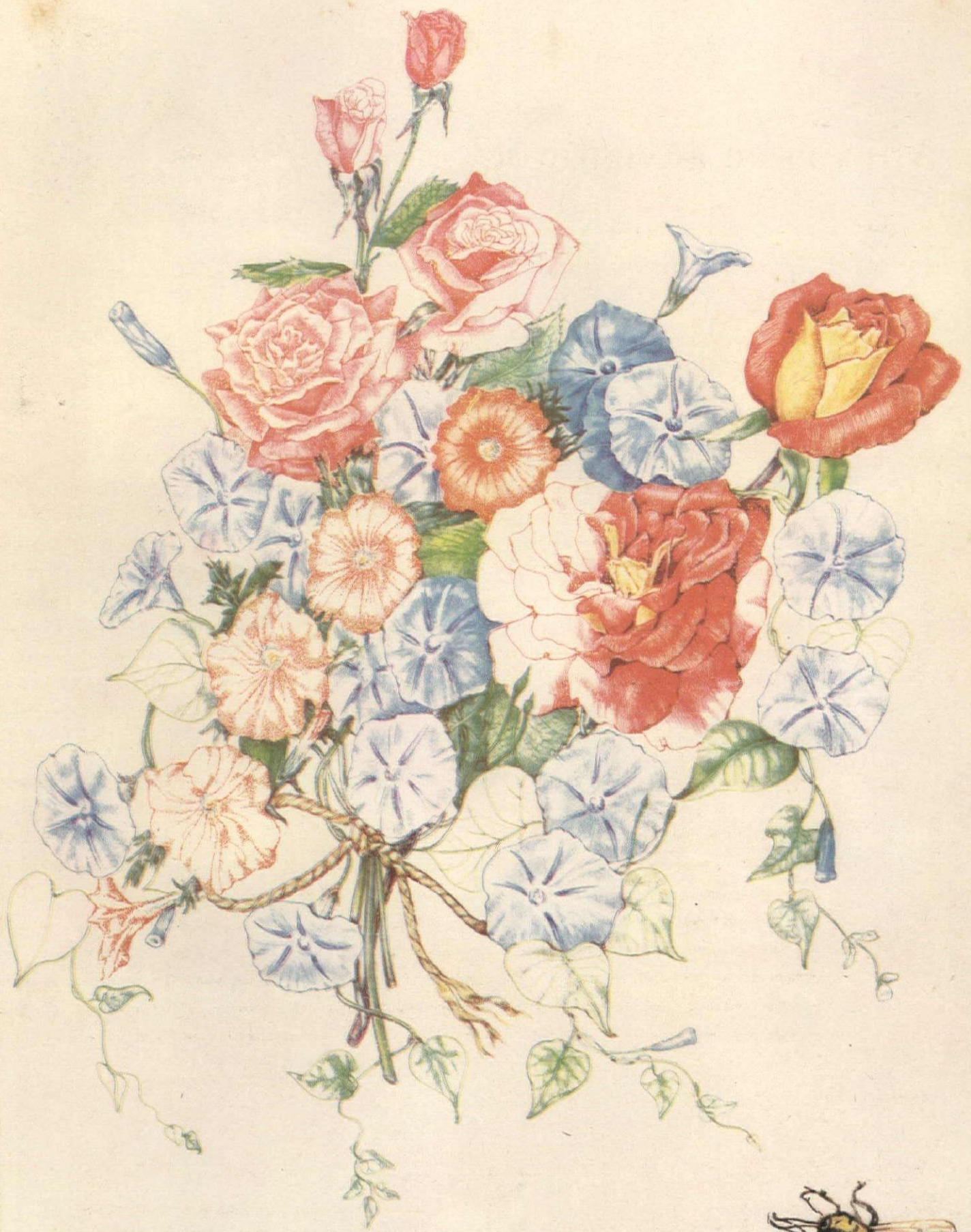
MINIATURE ROSE  
RED ELF



Opposite:

SELECTED for the 1949 All-America Awards were: 1, rose Tallyho for an unusual tint entirely new to roses—outside of petals crimson, inside pink and Tyrian rose. 2, rose Forty-Niner. 3, Silver Medal petunia, the most brilliantly hued bi-color ever introduced—rich yellow outside and vivid red inside. 4, Blue Star morning-glory, dwarf, pale blue, its radiations darker blue. Excellent for edging. An annual hollyhock, Indian Summer, not shown, also received an award. Miniature rose Red Elf, top of page, with flowers the size of a postage stamp, is a new crimson.

DE MARSAN





## How research is contributing to your garden

by MILTON CARLETON

**I**N the past decade we have seen horticulture (once an ancient art, familiar to old codgers with horny hands and sun-baked faces) become a science ruled over by bright young men fresh from academic halls. Unfortunately, many of the earth-shaking miracles announced with tremendous fanfare failed to do much more than stir up a faint dust. Even plausible discoveries have been over-exploited by faddists, or misused by careless, incompetent workers, to the discredit of the whole art. As a result we find that science and modern usages are apt to be suspect. The real truth probably lies somewhere between the blind, unreasoning zealotism of the organiculturist and the wild adulation of the scientific faddist. Rightly used, science can ease the load of drudgery that many feel is inherent in gardening. It can bring us richer harvests. It can save us money. Crab grass is perhaps the worst weed that disfigures the lawns of the country. After two years of testing, the phenyl mercury compounds look better than ever as crab grass controls. Sprayed on lawns just after germination of crab grass seed has started, and repeated five days later, a bottle of one of these phenyl mercury compounds will do an amazing job of cleaning out this pest. I have seen lawns where in the past the combined efforts of an entire family could not keep crab grass in check. Yet with two sprayings, complete control was accomplished in less than an hour's time.

**T**HAT begins to sound like a real miracle. Hundreds of reports of failures, however, show that this is not a perfect, fool-proof operation. In almost all of the cases of failure I have studied, I found that the directions of the manufacturers had been followed, but the user had applied the solution with a sprayer, not a sprinkling can. Here I feel the manufacturer has been remiss in not explaining that these compounds work differently from the 2,4-D weed killers they superficially resemble. The phenyl mercury compounds are not leaf absorption hormones. Instead, they kill when absorbed by the roots of crab grass. The proper method of application calls for a drop that falls onto the soil and soaks in. Use a watering can to apply it, and results will be better. Pelleted seeds have been touted in the public press lately as the solution for many garden problems. The idea looks good on paper. By pelleting methods now in use, a seed the size of a grain of dust can be built up until it is as large as a pea. Since the coating is perfectly round, this pea-sized seed can be planted with mechanical equipment, and spaced

*(Continued on page 97)*

*Opposite:*

EXHIBITED AT THE ROYAL HORTICULTURAL SHOW

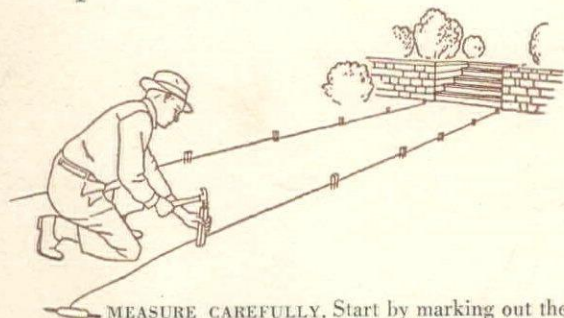
These photogenic vegetables, displayed recently in one of the fortnightly exhibitions of the Royal Horticultural Society in London, were grown on the estate of the Duke of Rutland at Be'voir Castle in Leicestershire.

# These 21 steps make a garden path

by ARTHUR PRINCE

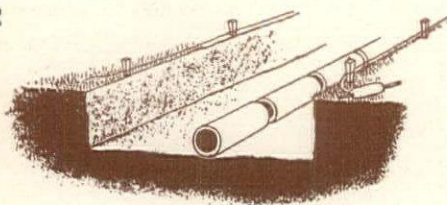
**D**ry, clean, paved walks improve the appearance of a garden. They give firm footing to wheelbarrows and other horticultural trucking. They do away with the incompetent old gravel path which is always weedy and allows mud to be carried into the house. Here, in 21 steps, is how you make them.

1



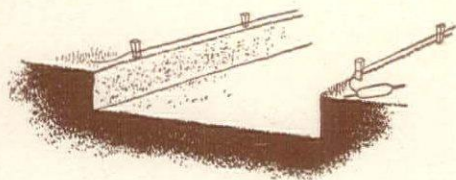
**MEASURE CAREFULLY.** Start by marking out the proposed path with pegs driven along parallel garden lines. Both edges must be absolutely parallel, so don't rely on your eye. Use a pole cut to the width you desire. A good average width is 4'.

2



**DIG OUT THE SOIL** of the old unsatisfactory path to 15"-18". The latter depth is advisable in heavy soil. If the area does not become waterlogged easily, the foundations should carry away water. Otherwise, a drain pipe must be laid down the center.

3



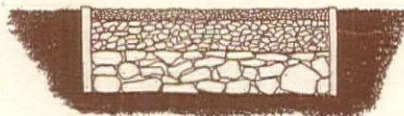
**ON LIGHT SOIL** there is no necessity for laying deep drainage (see steps for the drainage procedure), a depth of 9" will be sufficient. Next, clear the ground of all perennial or long-rooted weeds. If these are not removed, they will push up through the path, prove a perpetual nuisance. To be on the safe side, use a strong weed killer.

4



**A CAMBER** (convexity) is not necessary. Rake the base level, tamp firm, taking special care of edges.

5



**FOR DRAINAGE** fill in a third to a half of the excavated area with large broken clinkers, brickbats, hard rubbish, stones, etc. On top of this fill, to within 3" of the top, with coarse gravel or smaller clinkers. In this way basic drainage is laid down.

6



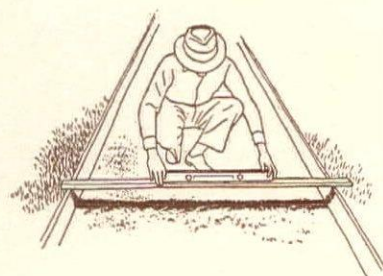
**WATER AND ROLL** each layer of drainage as it is put in, rolling the sides first, then the center. The path is now ready for a top layer of gravel. Roll but do not water this lest wet gravel stick to roller.

7



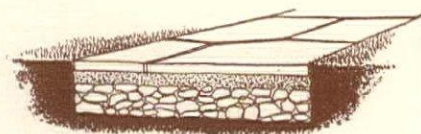
**PERMANENT EDGINGS** are often required to help you keep the garden tidy, sometimes they are necessary to retain the soil. Lengths of lumber, 1" thick, creosoted, are a cheap and suitable material. Metal strips or bricks set lengthwise with ends touching are also efficient and inconspicuous. Fix the edges before you start filling in the core of rubble.

8



**THE EDGES** must be flush with, or slightly lower than, the grass, to facilitate easy mowing, and must be on the same level on both sides of the path. Use a straight edge and spirit level at short intervals.

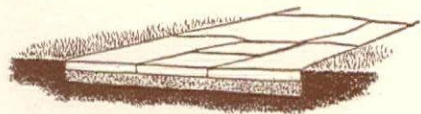
9



**PAVED PATHWAYS** are without a doubt both useful and beautiful, and their popularity is not surprising. You can use natural stone that occurs in flaky strata or man-made stone such as bricks or cement.

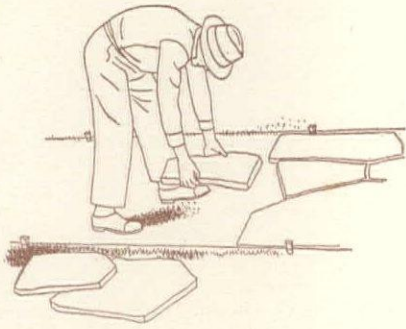
**THE FOUNDATION FOR PAVED PATHWAYS** need not be so deep as for gravel paths. Ram the foundation down firmly and test it with straight edge and spirit level before commencing to lay the stone. Spread a 2" layer of sand over the hard core on which the stone surface is laid in various patterns.

10



**ON LIGHT SOIL,** a 2" layer of sand placed directly on the base, without the hard core layer, will be sufficient. This sand and the layers underneath, if any, must be made absolutely firm and level before the stone is laid, however, as it is very difficult to remedy deficiencies once the path is completed.

11



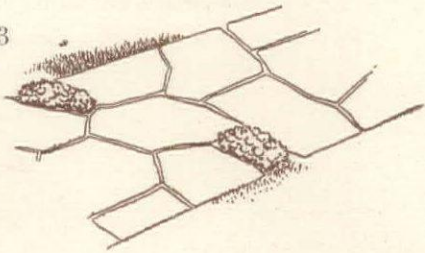
TO MAKE SURE that each stone lies firm and does not wobble every time you step on it, place small quantities of cement underneath each corner of the larger or underneath the center of smaller stones.

12



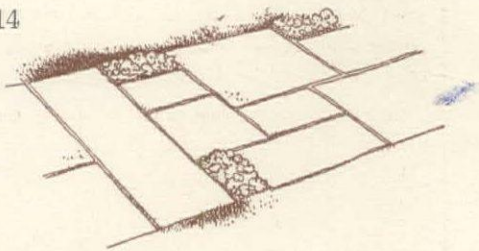
MOVE THE STONE SLIGHTLY to and fro so that it is firmly bedded on the cement. Test with a spirit level and if it is slightly out, knock more or less hard with the handle of the hammer. Always start laying the stones from both edges and fill in the center later. The crevices, especially in the center of the path, should not be more than one inch wide, or it will be difficult to walk on the path.

13



THE MOST POPULAR TYPE of paving is the so-called crazy paving. It consists of irregular pieces of stone of various sizes from 6" to 2', fitted together. Where the angles meet, large spaces are left between the stones in irregular intervals which give ample opportunity to plant rock-loving perennials. Keep the planting to the sides of the path so you can walk on it without treading on plants.

14



RANDOM PAVING consists of rectangular pieces of stone which should be laid in such a way that there is, as far as possible, no continuous line of cracks. All crevices should run either parallel or at a right angle to the edge. Occasionally, a small square may be left out near the outer edge for planting perennials. Where the path is much used cement the joints to give a surface free from raised edges which might trip you up on a dark night.

15



BRICKS ARE BEST laid on edge. After laying the pattern, dry sand should be brushed into the crevices and watered. Same rules apply to English pan tiles which are laid on edge on rolled sand. 16



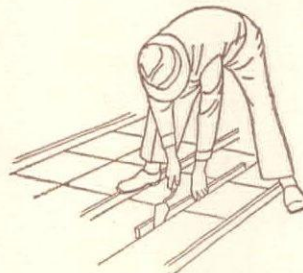
VARIETY OF PATTERN can be made with bricks and tiles in combination or separately. The joints are either left open and filled with sand, or they may be cemented together. The open joints are better as water can escape easily and damage by frost is prevented. With cemented joints, a fall of 1" to 1' wide has to be provided so that surface water can run off as illustrated by the cross-section above.

17



CONCRETE IS AN ECONOMICAL material for a pathway, but if you want a pretty effect, do not pour it on the garden path as you would to build a roadway. Make concrete slabs and then use them like natural stone. Mix one part of Portland cement with four parts of sharp clean sand by shoveling it over several times. Then sprinkle water over it, a little at a time, and keep turning the material until mixture is uniform—dry enough so no water can be squeezed out. Mix cement on a wooden base.

18



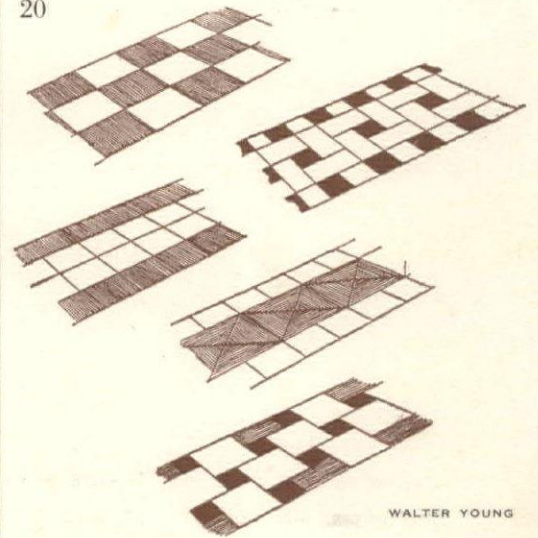
THE CONCRETE MIXTURE is poured into a previously prepared frame with clean sand at the base. Spread it out evenly, 2" or 3" thick, smooth the surface with a wet spade, and let it dry for a few hours. Then it will have settled so far that you can cut it with a hand trowel to any size and shape. This relieves the deadly sameness of a cement walk.

19



AFTER TWO OR THREE DAYS the concrete will have hardened. Then lift the pieces with a spade, break them apart where necessary, and pile them up for another day or two for further drying, or until you use them. Don't mix concrete in frosty weather.

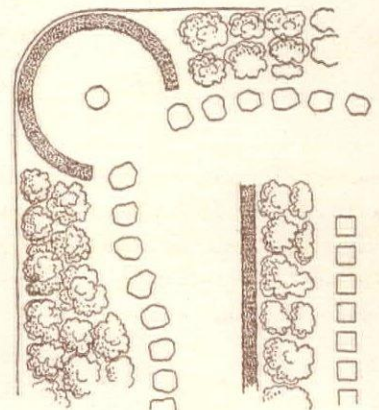
20



WALTER YOUNG

TO THE MIXTURE YOU CAN ADD some tinting material, which enables you to get slabs of practically the whole color scale. In doing this not only do you obviate the glare of concrete in summer but you can also introduce all kinds of colored patterns.

21



STEPPING STONES may cross a grass area or rock garden or run alongside a flower border. Use any flat stones available—natural stones of irregular shape, random trimmed material, or square cement slabs. The diameter should be roughly 1'. Walk in natural paces along the grass where the path is desired and place pieces of stone on each footstep. Square cement slabs must lie accurately along a line, distances between slabs be exactly equal.

# How to garden in partial and dense shade

UNTIL they start studying its variations, beginning gardeners may be bewildered by shade. Then a whole new world of interests opens up. Roughly, shade falls into two groups: partial and dense. Either of these may be dry or wet, making for various combinations. In each, families of plants find a congenial environment because their ancestors have flourished in like conditions. The shade of a house or the shade of a large tree may create the problem. The shady spot may be marshland or the banks of a tree-grown brook. Often wooded hilltops and slopes defy the gardener's efforts. First study the density of shade. Is it continuous or varying, heavy or filtered?

Equally important is the nature of the soil you find there, sandy or rich in leaf mold, alkaline or acid. These conditions determine the plants to use. A soil-testing set is the best equipment to take on such explorations.

The color of many flowers bleaches out in full sunlight but remains brilliant in filtered shade. Common perennial garden phlox is an example. The number of alpine plants that seem to grow best in partial shade almost exceeds those that demand full sunlight. Azaleas and broad-leaf evergreens flourish and hold their color best where the shade is patchy and the soil is acid.

The commonest shade problem of all is presented by the area just under a tree. Maples are greedy and soon exhaust the soil. Use plants that grow in spite of this—pachysandra or Japanese spurge, ivy pinned down to make a green mat, and dry-land ferns. Let there be a touch of dampness, and lilies of the valley, vinca and the various varieties of funkia will succeed, furnishing both greenery and flowers.

*Opposite:* VARIETIES OF SHADE

This pool and woods in the garden of Mr. and Mrs. Rhodes Perdue, Atlanta, Georgia, reveals several forms of shade: dense beneath the trees, semi-shade on the fringe of the woods; shadowed damp shade at the edge of the placid pool and dry on the ridge above.

ANNUALS FOR PARTIAL SHADE

- Basket flower
- Begonias
- Chinese forget-me-not
- Clarkia
- Cockscomb
- Cornflower
- Drummond phlox
- Lupine
- Pansy
- Snappedragon
- Sweet alyssum
- Sweet sultan

ANNUALS FOR DENSE SHADE

- Coreopsis
- Godetia
- Lobelia
- Periwinkle
- Stock

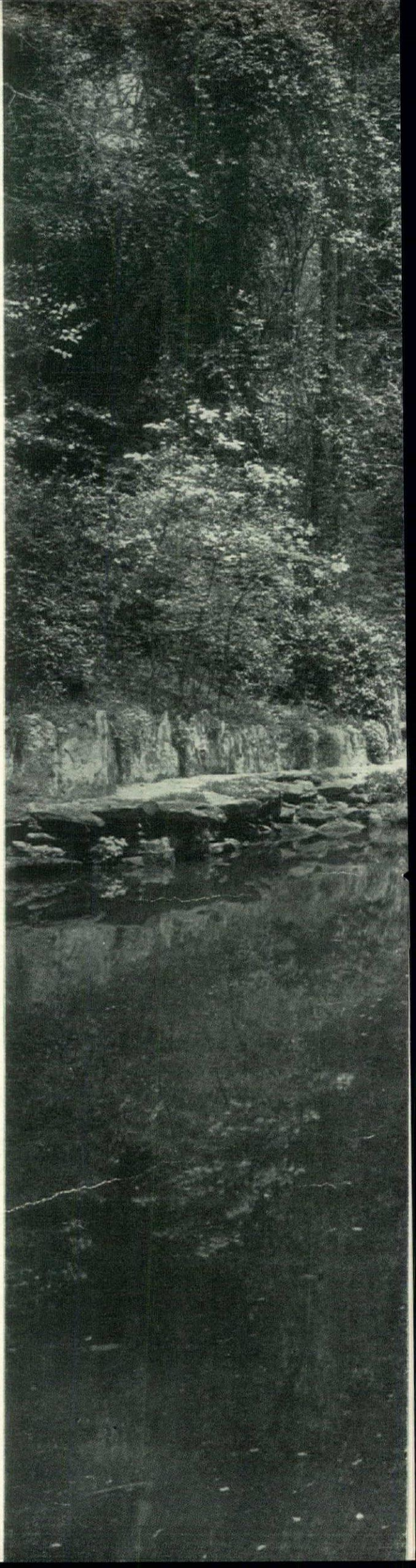
PARTIAL-SHADE PERENNIALS

- Anchusa
- Beebalm
- Cimicifuga
- Columbine
- Doronicum
- Harebell
- Hollyhock
- Linaria
- Lupine
- Peony
- Physostegia
- Pulmonaria
- Pyrethrum
- Saxifrage
- Silene
- Turtlehead
- Valerian

SHRUBS AND EVERGREENS FOR SHADE

- Glossy abelia
- Azalea
- Bayberry
- Benzoin
- Black jetbead
- Blueberry
- Box
- Buttonbush
- Chokeberry
- Clethra
- Alpine currant
- Clove currant
- Dogwood
- Euonymus
- White fringetree
- Inkberry holly
- Japanese holly
- Hydrangea
- Hypericum
- Jersey tea
- Drooping leucothoe
- Mahonia
- Mountain laurel
- Japanese pieris
- Mountain pieris
- Rhododendron
- Shadblow
- Snowberry
- Cutleaf stephanandra
- Sumac
- Sweetshrub
- Viburnum
- Winterberry
- Winterhazel
- Witchhazel

*Additional list on page 100*








GOOD GARDENING

IS GOOD LIVING

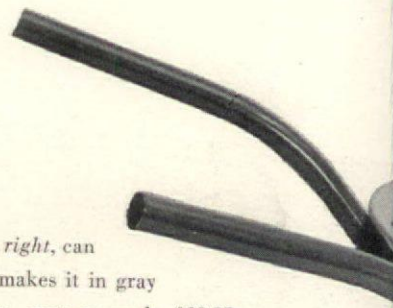
continued

## New tools that make light work of gardening

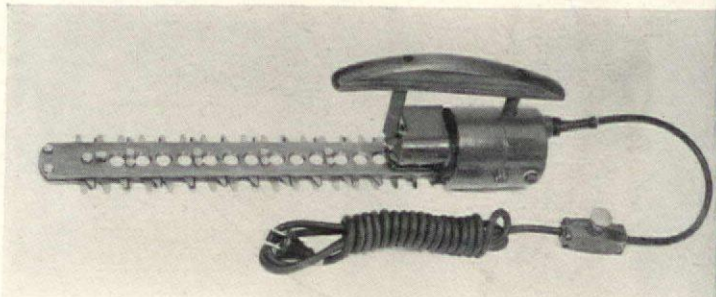
Lawns, hedges and flower beds look their best when tended by these modern implements



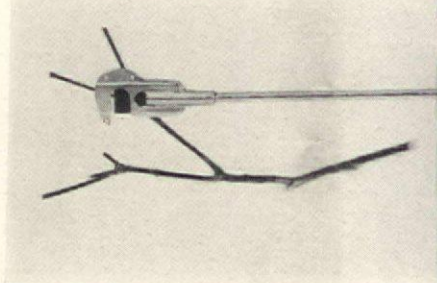
SPORTLAWN POWER MOWER by Toro is \$99.50, plus freight. 17-inch cutting width,  $\frac{3}{4}$ -horse power engine, adjustable cutting height.



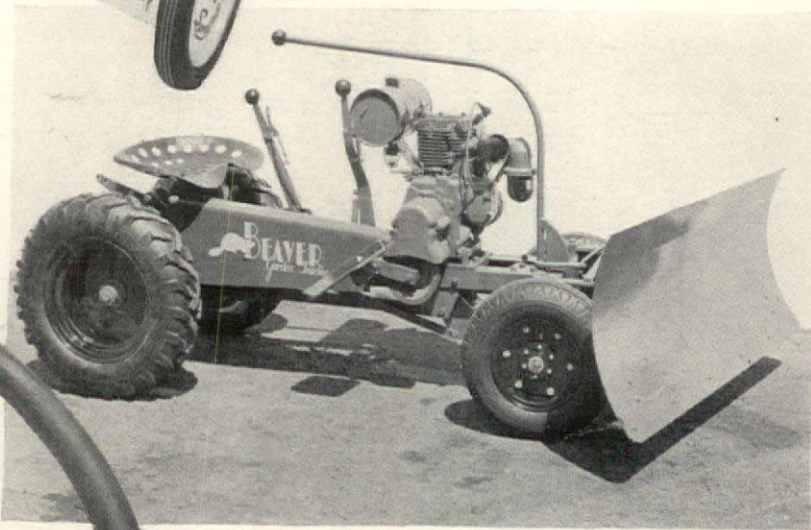
LIGHTWEIGHT LAWNBARROW, *right*, can be lifted with one hand. Dow makes it in gray and blue enamel; rubber tire, easy to push. \$29.95.



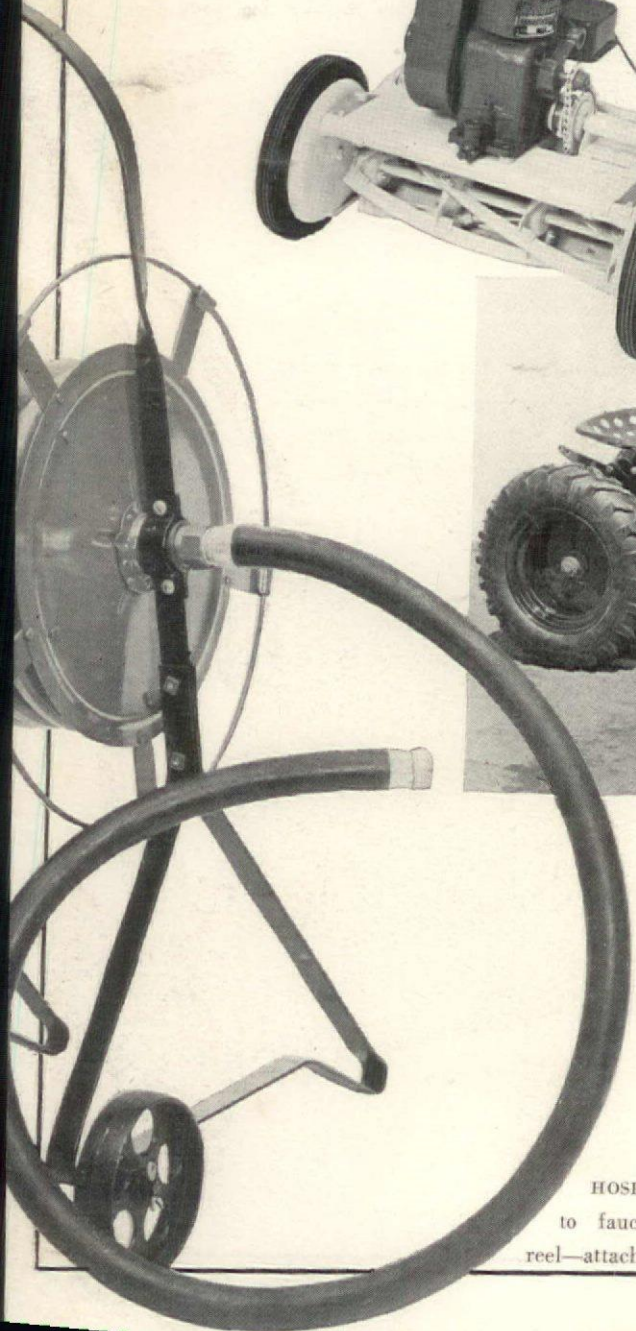
ELECTRIC HEDGSHEAR of Porter-Cable Co. saves time and labor clipping hedges and shrubbery. \$39.95. Extra cord, \$6.95.



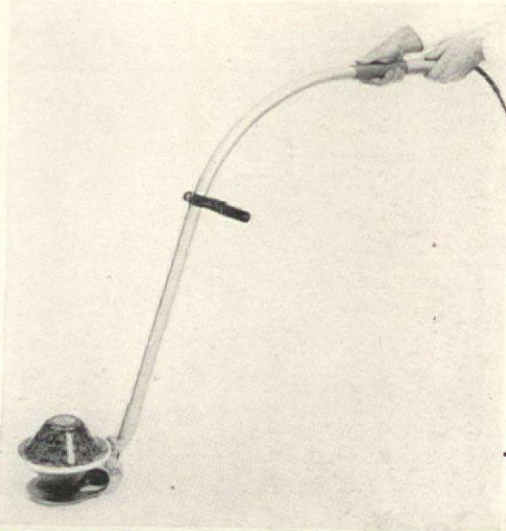
PRUNER for roses, thorny plants, arbors, works easily, 23" long. Bouligny. \$4.95.



RIDING TRACTOR by Beaver for \$429.50. Snow plow shown, \$49, is one of attachments.



HOSE REEL by Salem connects to faucet. Water runs through reel—attach and turn on.



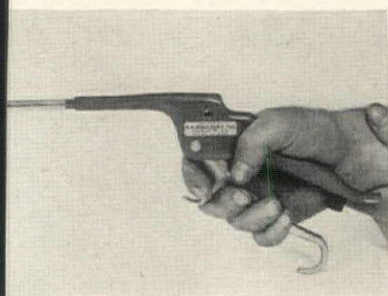
GRASSHEAR, *left*, cuts flower bed and lawn edges electrically. AC or DC. Stanley, \$66.50.

**T**HE TIME to think about garden tools is right now when the garden lies dormant and you can get a long-range view of what you need and want most. There is a wide variety of improved equipment this year to make gardening painless—labor-saving, time-saving, motor-driven and manual tools. A dozen are shown here. In choosing, remember that the cost of good tools can usually be paid off in several years by savings made in a handy man's time. A power mower, for example, cuts his time (and his day's bill) by hours; or if you are your own handy man, it will save you from hours of grass cutting.



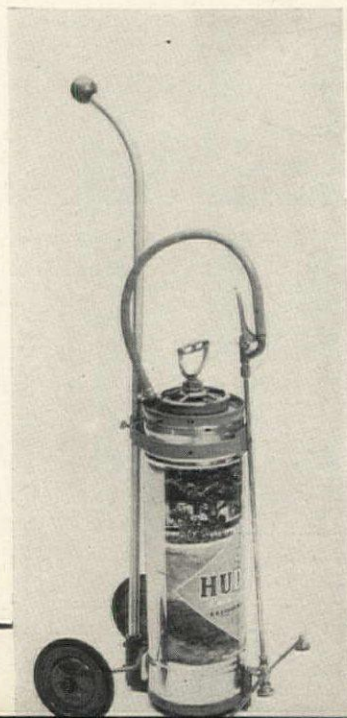
TRACTOR-TILLER by Rolle conditions soil in one operation (no spading, discing, harrowing). Cultivates the soil, too. \$194.50.

HEAVY-DUTY POWER MOWER for large grounds, 24-inch cutting width. Pincor, \$225 f.o.b. factory. Pump, plow, sickle, roller are extra attachments made for it.



LAWN SWEEPER takes up leaves, grass cuttings. Parker Yardgroom, \$34.

P-20 POWER MOWER, right, is sturdy model for average property. 20-inch cutting width, heavy-duty bed knife, reel sharpener. Pincor, \$165 f.o.b. the factory.



WEED SPRAYER on wheels. 18-inch spray, 4½-gallon tank. Hudson, \$19.95.



More garden tools on page 101

# Island living

In Jamaica: Queen Anne and spices...

In Nassau: paintings and palmettos.



MR. AND MRS. IVOR BRYCE on their front porch survey their spice plantation high in the hills above Kingston, Jamaica.

**M**ORE and more people are making the islands of the Caribbean their year-round home. Some of them live on the sparkling, reef-ringed aeolian deposits that comprise the Bahamas; others inhabit mountain-studded Jamaica (an island which is the result of a culinary-sounding geological occurrence known as mountain folding). None of them is camping out under a thatch of fronds, or eating out of coconut shells. To these islands, they have taken their most cherished possessions, their best bibs and bibelots, their finest furniture, glass and china, their favorite paintings. A typical example, Mr. and Mrs. Ivor Bryce bought a Jamaican spice plantation in the hills above Kingston eight

years ago. Now they live there all year round in an historic house built in 1760, which has been easily adapted to the exigencies of contemporary life. Mrs. Bryce uses the hurricane room in the center of the house as a sitting room and has opened up the rooms that formerly stretched across the front to form one vast sweep of drawing room. She has furnished her house with English pieces mixed with native copies of traditional designs. For information on how to get to Jamaica see page 96.

A. COSTA



THE DRAWING ROOM runs the entire width of the house, has Jamaican cedar woodwork and English furniture, including a desk built for Carlton House in London.



THE DINING ROOM has walls dappled with china birds; Queen Anne sideboard by local craftsmen.

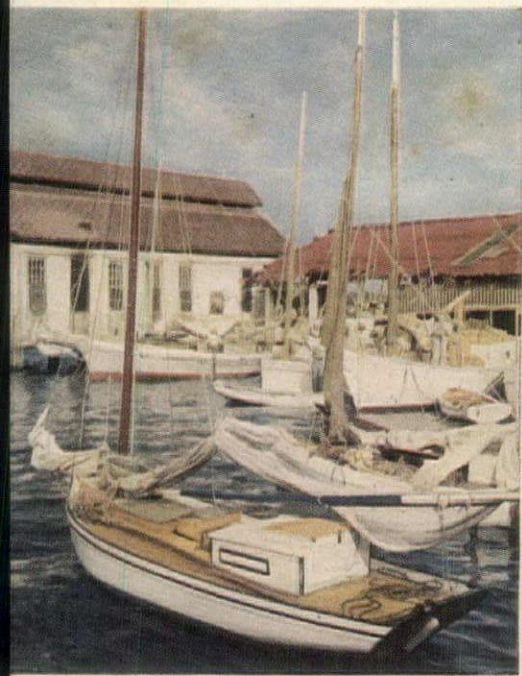
*Opposite:*

JAMAICA'S MANY WATERFALLS are a captivating part of the island's scenic charm, as they cascade down the mountains to the sea. Here, on the estate of Mrs. Robert Lehman in Ocho Rios, one of them feeds a swimming pool.

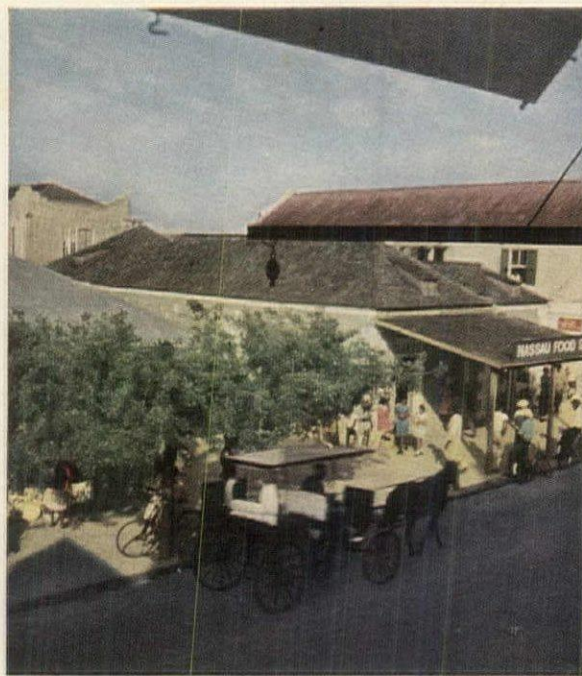
CHARLES DE COSE



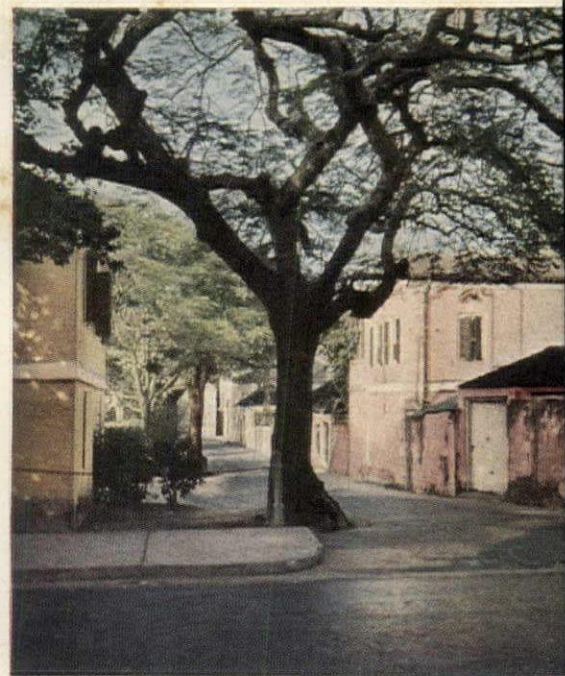
The Bahamas, where life moves with casual grace from cay to cay .



The Nassau waterfront, alive with bobbing boats

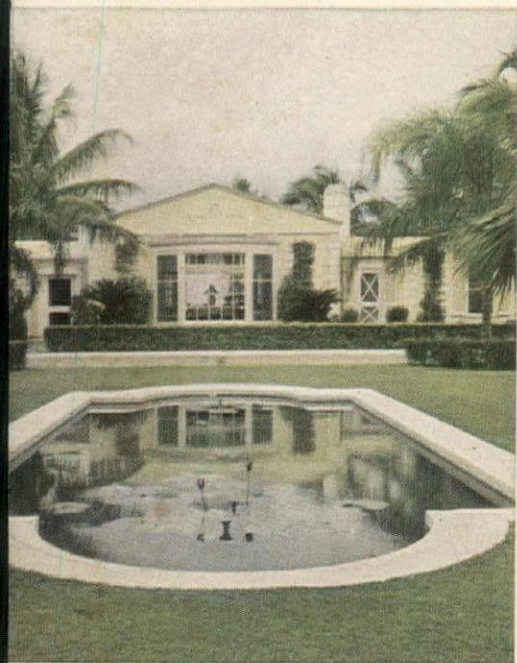


Bay Street in Nassau, arrayed with enticing shops

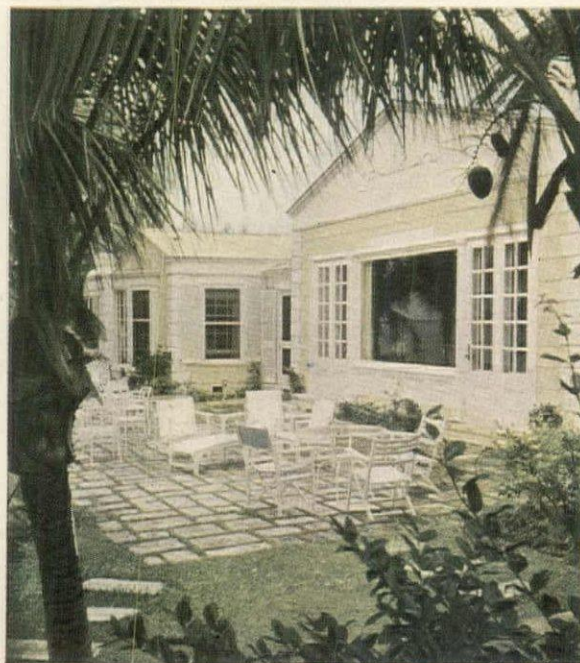


Every Nassau street is richly redolent of the past

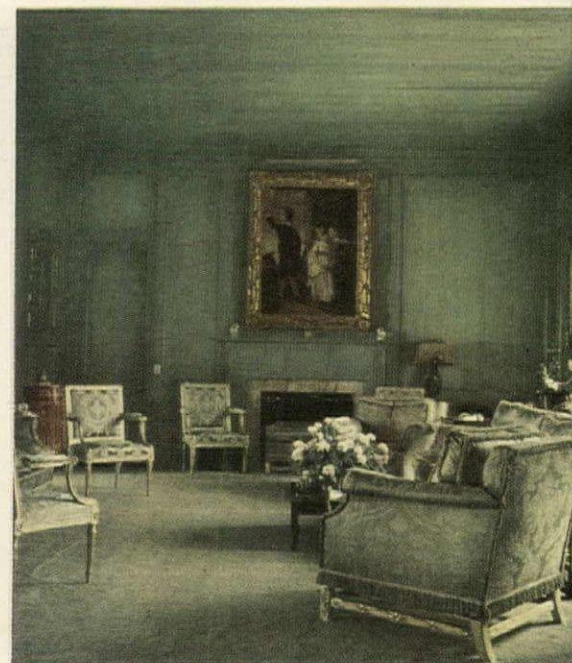
La Playa, Nassau house of Mr. and Mrs. Albert E. Worswick



Delicate Colonial façade, reflected in a lily pond

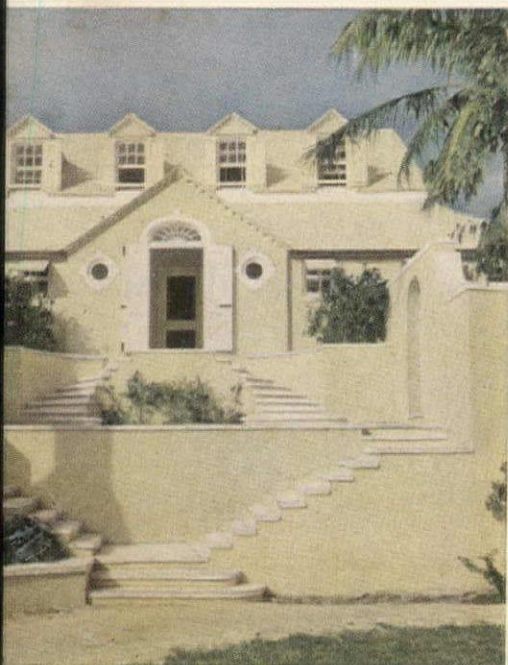


Ocean-facing terrace, designed for sunlit hours



Drawing room with 18th-century English furniture

Tamarind, Nassau house of Sir Francis and Lady Peek



Franklin, Nassau house of Sir Francis and Lady Peek (left), La Playa, Nassau house of Mr. and Mrs. Albert E. Worswick (middle), and Tamarind, Nassau house of Sir Francis and Lady Peek (right)

## ISLAND LIVING continued



A caye from above is as festive as a birthday cake

THE BAHAMAS stretch like giant stepping stones from Florida to the islands of the Greater Antilles, and many who have stepped on them have never felt it necessary to step any further. Year after year they return to open up their houses, or to enjoy the hospitality of their favorite guesthouse or hotel; to live a life of charmed simplicity on one of the remoter cays, or to participate in the sophisticated ritual of Nassau's winter season. The reasons for this unshakable devotion are not hard to find. Set like semi-precious stones in a luminous sea, the Bahamas have a crisp, clear charm of a kind you're not apt to discover in your own back yard, but which can hardly be described as exotic. Part of this is due to nature's neatness and part of it to the sensible trimness of British colonial architecture, which is capable of civilizing even the most rampantly luxuriant landscape. If you think you'd like to savor the pristine qualities of the Bahama Islands yourself, please turn to page 96 to find out how best to get there.



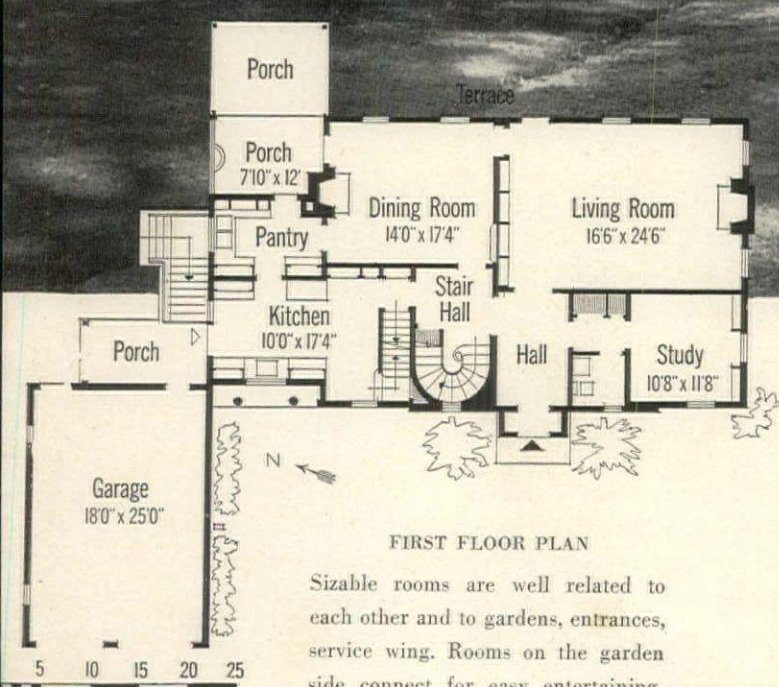
Dining room adorned with graceful Queen Anne furniture

LA PLAYA, Mr. and Mrs. Albert E. Worswick's house in Nassau, is a suave, attractive, one-story affair with classic architectural details and large windows, which look out over smartly tailored grounds to the ocean. The Worswicks bought their house three years ago, not realizing at the time that it had been designed by the same architect who did their Palm Beach house, the late Maurice Fatio. Since then they have done quite a bit of work on it, converting a porch into a dining room, adding two bedrooms and servants' rooms, rebuilding the kitchen and service quarters. In contrast to the light exterior, the interior walls of Florida cypress have been stained a dull green, providing a relatively formal background for their excellent collections of eighteenth-century British paintings and French prints. Most of these used to hang in the Worswicks' London house in Carlton Gardens, which was destroyed during the war. The Worswicks brought to Nassau a number of pieces of fine eighteenth-century English furniture.



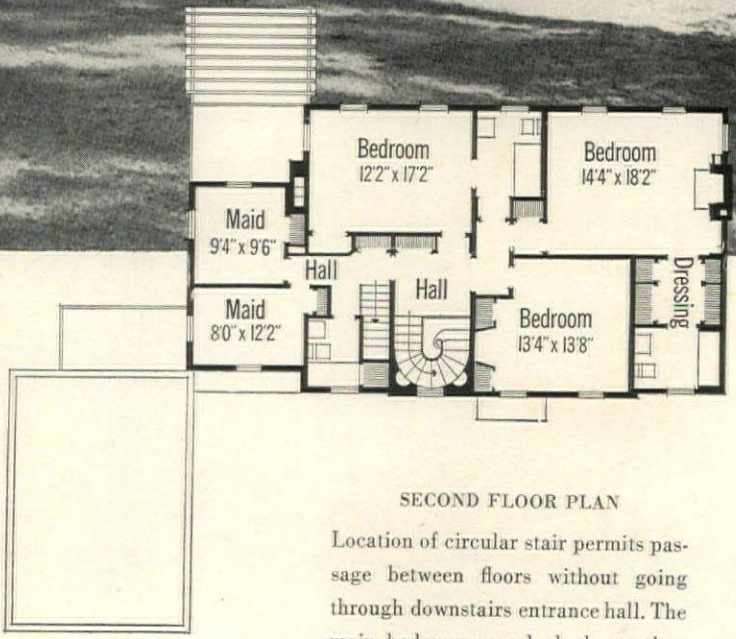
LEMUS

TAMARIND, Sir Francis and Lady Peck's house, is predominantly yellow, like the wood of the tree after which it was named. Set off by deep green palms and a periwinkle blue sky, it radiates a festive serenity. The outer walls, symmetrically arranged and decorated with a conch shell motif, were built in 1830; the inside, recently completely redone by the architect John Wolfe, includes in the hall a new staircase of Honduras mahogany, designed for Sir Francis by Mosko, a brilliant wood carver of the Dodecanese Islands in the Aegean Sea. Adding further luster to the hall are a pair of rare ivory chairs inlaid with ebony which are reputed to have been part of a group of dining room chairs presented to Lord Clive by the East India Company on his assumption of office as first Governor-General of India. Other exceptional pieces are the last two needlework carpets from Pontromolli, a drawing room mantelpiece, said to have come from a house in Berkeley Square, and two rare grape-patterned Yung Cheng bowls.



FIRST FLOOR PLAN

Sizable rooms are well related to each other and to gardens, entrances, service wing. Rooms on the garden side connect for easy entertaining.



SECOND FLOOR PLAN

Location of circular stair permits passage between floors without going through downstairs entrance hall. The main bedrooms overlook the garden.

Scale in feet  
5 10 15 20 25



With the planting fully grown, the exterior pleasantly weathered, the decorating completed, this house is

## Better than when it was built

*Opposite:*

### A 10-YEAR-OLD HOUSE THAT HAS MATURED WELL

Houses, like people, undergo a growing process. One test of quality may be how well they take the years. This little French house, formal but forthright, was built for Mr. and Mrs. Maynard S. Bird at Greenfield Hill, Connecticut. Their architect, Cameron Clark, and landscape architect, Louise Payson, gave them an excellent arrangement of rooms and gardens. The Birds furnished the house with distinction, landscaped the gardens delightfully over a period of ten years. The result today is a house which has grown in grace.



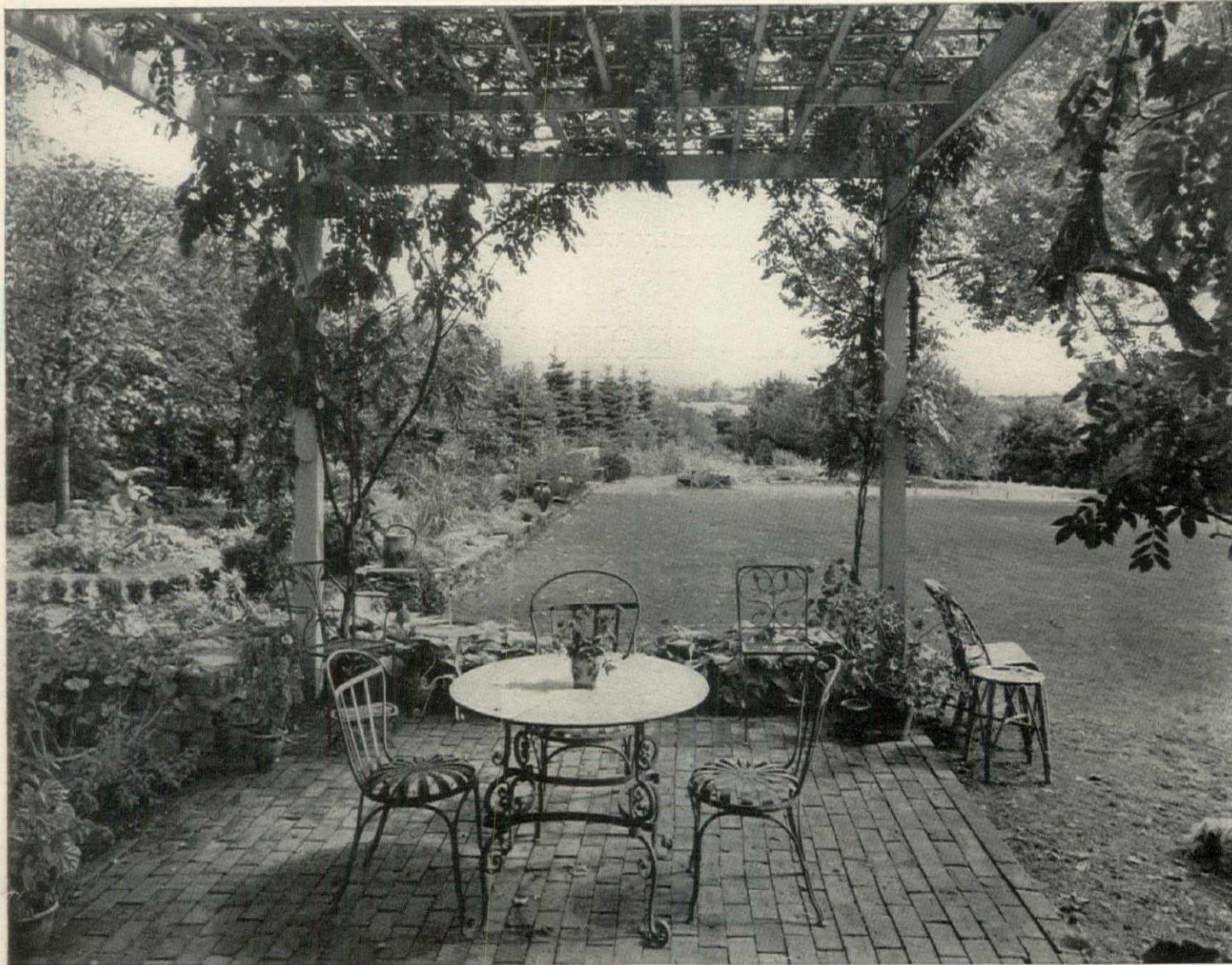
A FRENCH HOUSE AT HOME IN A NEW ENGLAND SETTING

The outdoor dining arbor, perennial garden flanked by rock wall, and pool have linked the French character of the house to a Connecticut landscape. Living and dining rooms survey this garden side.

CAMERON CLARK *architect*

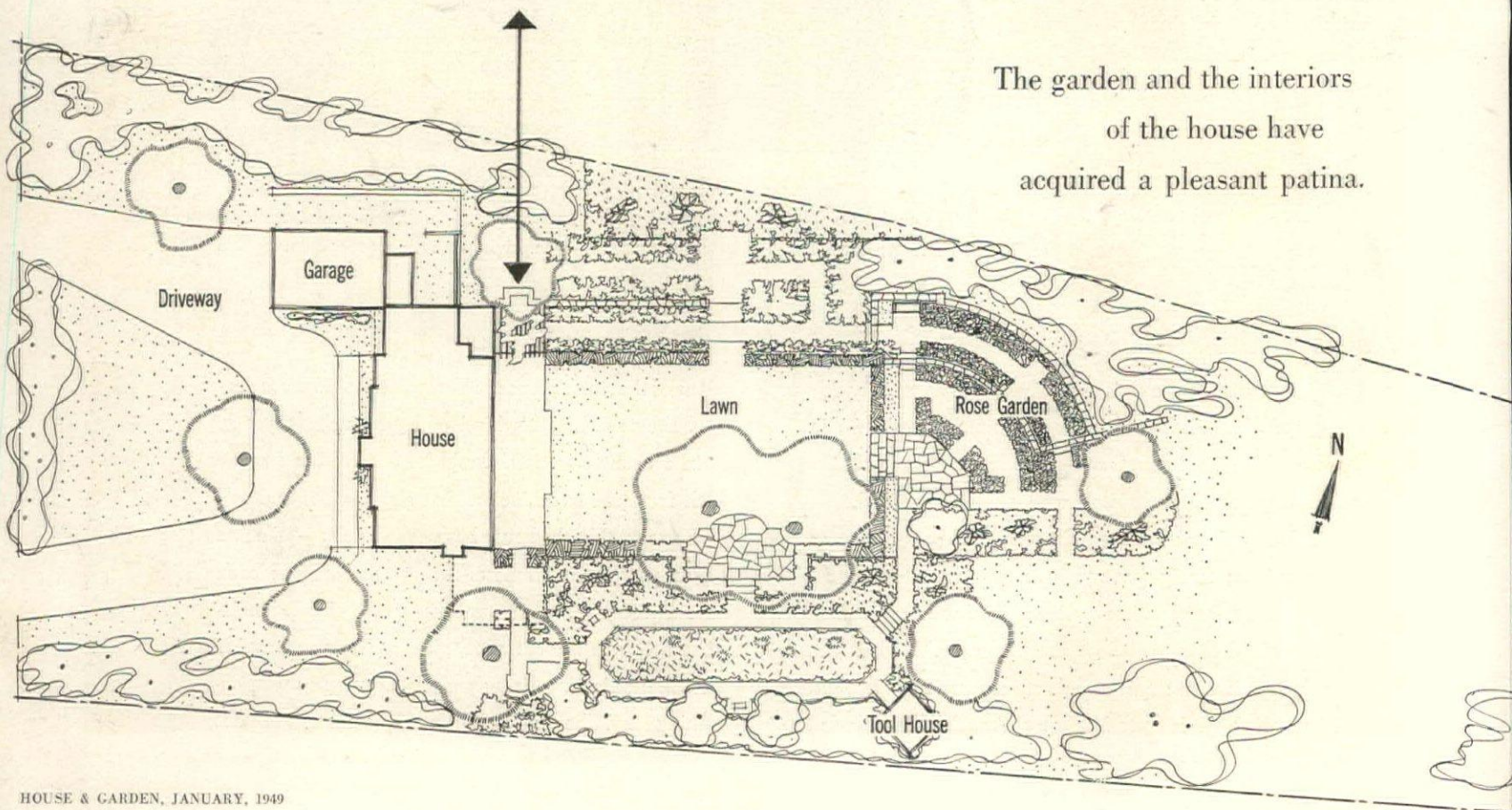
**T**IME can deal as kindly with houses as it can with people. It has certainly added much charm to this house which is at its best now—ten years after it was built. The texture and tone of its gray, flush board walls, black shingled roof and louvered shutters have become better companions; full grown maples now silhouette the picturesque roof and chimney lines; rear windows reflect gardens and clipped lindens at their prime. The house is in the spirit of a small eighteenth-century manoir. Mrs. Maynard Bird is herself partly French, has traveled widely in France and likes the graceful details and pro-

portions of the small houses at Versailles. As a former decorator, she felt that this kind of house, urbane yet at ease in a country setting, would be a good foil for the French furniture and bibelots that she admires and collects. She says that the house has worked well:—"We like the plan with many windows facing the gardens; each frames a view to enhance our rooms. The circular staircase, apart from the entrance, gives privacy and avoids drafts. The adjoining living and dining rooms make entertaining easy. The porch adjacent to the pantry makes it easy to serve meals outdoors. This has been a joy to us."



ONLY BRICK PAVING, FOUR POSTS, A TRELIS, WERE NEEDED TO FORM THIS DELIGHTFUL DINING TERRACE

The white wisteria-covered pergola, connected with dining room and pantry for convenient outdoor meals, makes a pleasant link between the formal French house and informal French style garden. Clipped linden trees are a backdrop for a succession of spring and summer flowers along adjoining walk. Espaliered forsythia screens service area. Landscape plan, below, by Louise Payson includes future planting.



The garden and the interiors of the house have acquired a pleasant patina.



GOTTSCHO-SCHLEISNER

DIRECTOIRE ANTIQUES AND DISTINGUISHED DETAILS IN THE DINING ROOM

Colorful old French paintings on three walls of this room, Sayonnerie rug in cream, red-browns and blue, crystal chandelier with gazing ball, blue cabinet filled with rare china add up to a handsome room.



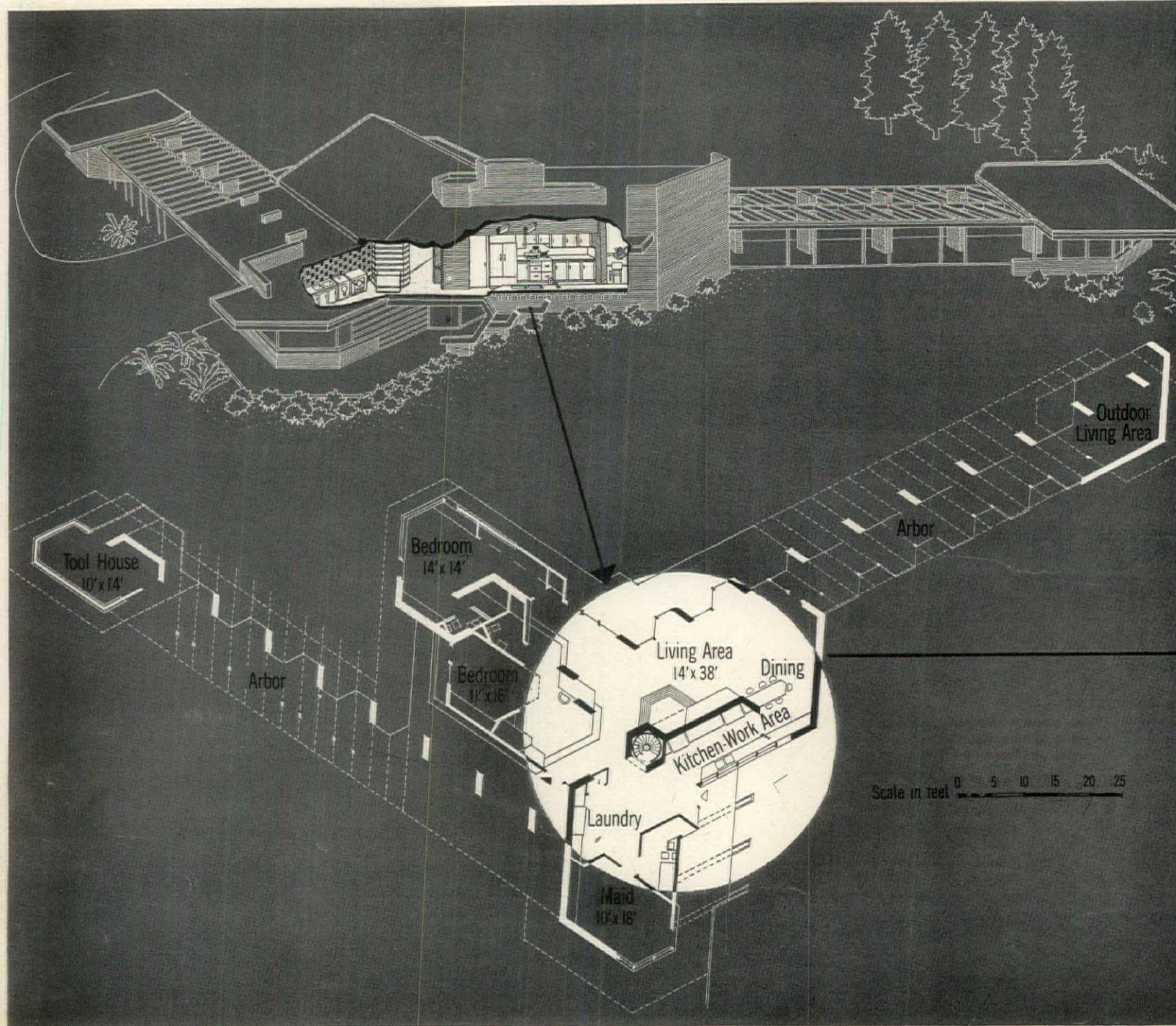
ENTRANCE HALL HAS GOOD WALL SPACE FOR FURNITURE

Semi-circular commodes have marble tops; French paper is gray, yellow.



ROSE-RED RUG, CELADON WALLS IN THE LIVING ROOM

Mme. Laetitia Bonaparte by a pupil of David hangs over a rosewood commode.



THE KITCHEN is the heart of Mr. and Mrs. Lawrence L. Brotherton's house at Mount Vernon, Washington, designed by Smith and Van Fossen

## The core of this house is its kitchen

A new design trend puts the kitchen (once housed in a service wing) in the center of the house

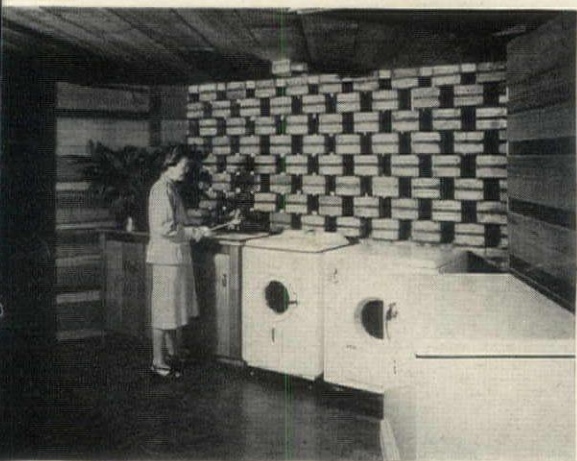
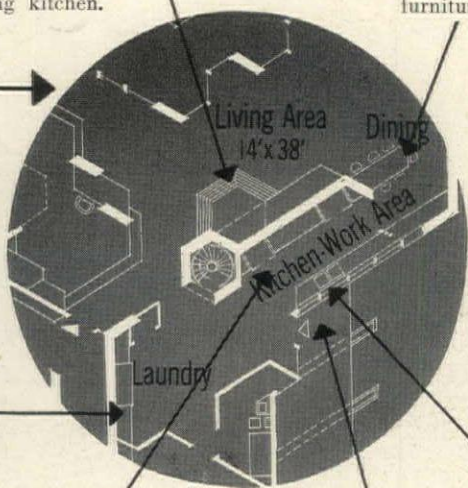
When servants were plentiful, kitchen, laundry and maids' rooms were usually grouped in their own wing and visited periodically by the lady of the house. But Mrs. Lawrence L. Brotherton wanted her kitchen to be the pivot of her house, to facilitate her management of it. To this end a giant chimney jointly serves living room and kitchen as core of the house. The other rooms wing out from them, interrupted by a minimum of walls at wide angles, to give freedom of movement. Directly under the kitchen, the room for the GE furnace is reached by a spiral staircase in a hexagonal stairwell. The whole house has continuity, both as to plan and materials (the same ones are used indoors and out with special emphasis on the grain of vertical cedar wood, the rosy tones of old bricks combined with new ones fired to give them a purplish tone). Waxed concrete floors, in which radiant-heating pipes are embedded, are matched by the red linoleum in kitchen and laundry. Nowhere in this house are surfaces painted.



LIVING ROOM CHIMNEY of old rosy bricks interspersed with hard-fired purplish ones. This part of the core of the house shares the chimney with the adjoining kitchen.



THE DINING TABLE, clockwise around the chimney from the fireplace, makes a transition to the kitchen. Light wood furniture picks up the golden brown of kitchen curtains.



LAUNDRY WALL is of bottle green glass, bricks and cedar. Laundry equipment, Bendix; GE freezer in foreground.



THE KITCHEN has Monel Metal sink tops which take color from the cedar boards in ceiling and cabinets and the view beyond the windows.

DEARBORN



KITCHEN WORK AREA is condensed for maximum efficiency and comfort. Range, Monarch; refrigerator, Frigidaire.



KITCHEN WINDOW VIEW is of a modern arbor, which repeats the materials and colors of the interior of the kitchen.

# New color cues

for bedroom and bathroom

LAST year—a straw in the wind; this year—a must: color has invaded bedroom and bathroom. HOUSE & GARDEN colors are to be found in sheets and pillowcases, blankets and bath towels. As a result, January “white” sales will be gayer and probably less white than before. Look for Sprout Green, because it is so sunny and because, surprisingly enough, it is as flattering to fair skin as to brunette. Try Citron Yellow, for its clarity and sparkle. Plan to have one bedroom and one bathroom Sweet Pink, as delicate as old-fashioned pinks, and subtler. Remember that you can use variations of our colors and consider the pale water-clear versions of Kingfisher Blue. Flame is effective as an accent.



SPROUT GREEN PROVES  
REMARKABLY BECOMING  
FOR BEDROOM AND BATHROOM



CITRON YELLOW, CLEAR AND  
GAY, HAS THE QUALITY  
OF MORNING SUNLIGHT



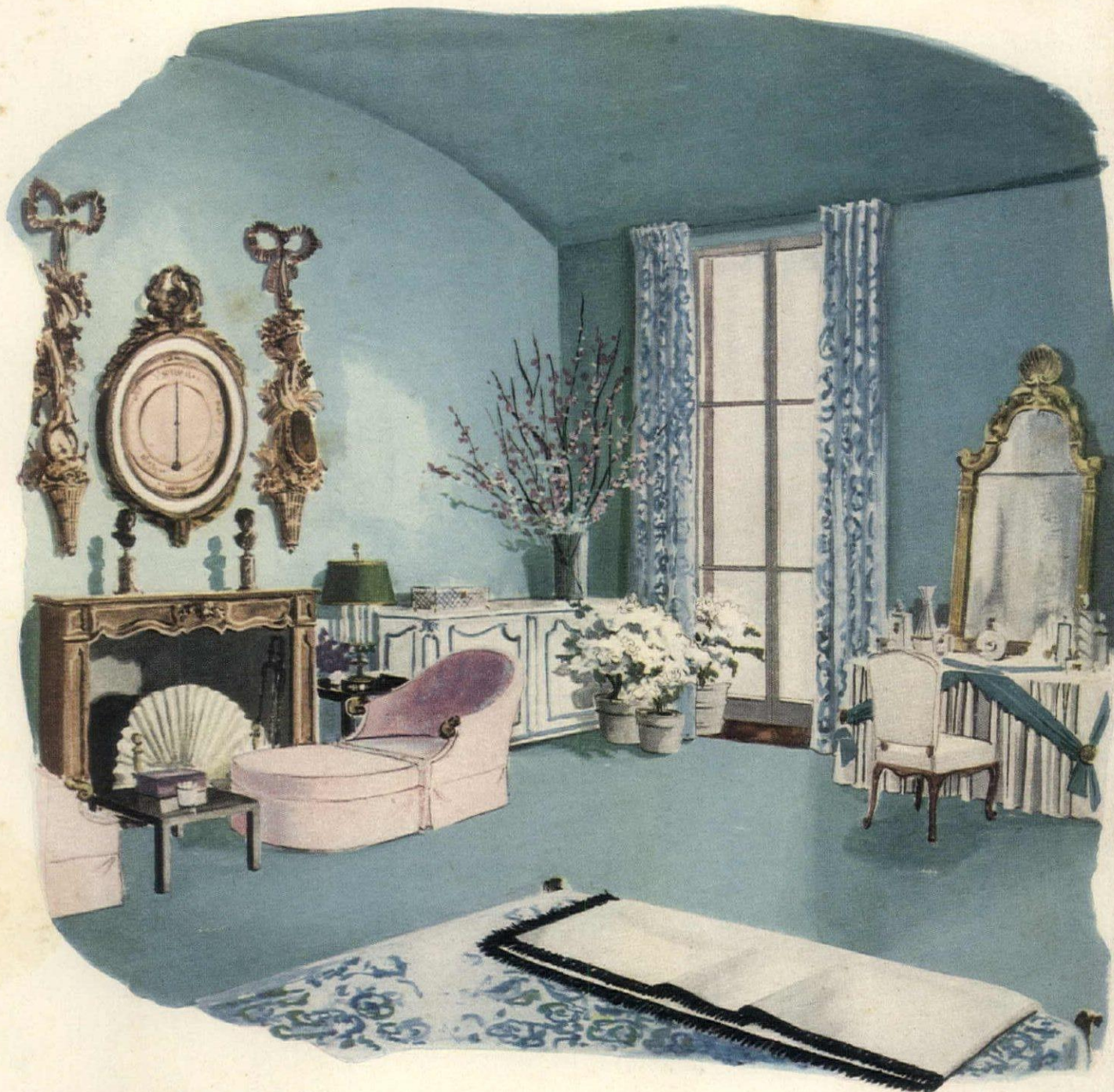
HAANEL CASSIDY

PLAN TO DRESS YOUR BED IN COLORED SHEETS AND BLANKETS

Whether you sleep in a four-poster like this (by Old Colony at Lord & Taylor) or one of modern design, choose HOUSE & GARDEN colors for sheets and pillowcases, blankets, blanket covers, spread, comforter. Sheets, Pepperell. Blankets, Chatham.



SWEET PINK HAS MORE CHARACTER  
THAN THE OLDER “BABY PINKS,”  
BUT IS JUST AS FEMININE



**K**INGFISHER BLUE,  
DELICATE  
TO DRAMATIC

**KINGFISHER BLUE FOR A BEDROOM**

Chosen because it is infinitely restful in its paler shades or brilliant as an incidental note at the top of its form. It is cool, elegant and feminine (but not weak). Use this wonderful color for your curtains, carpets and sheets.



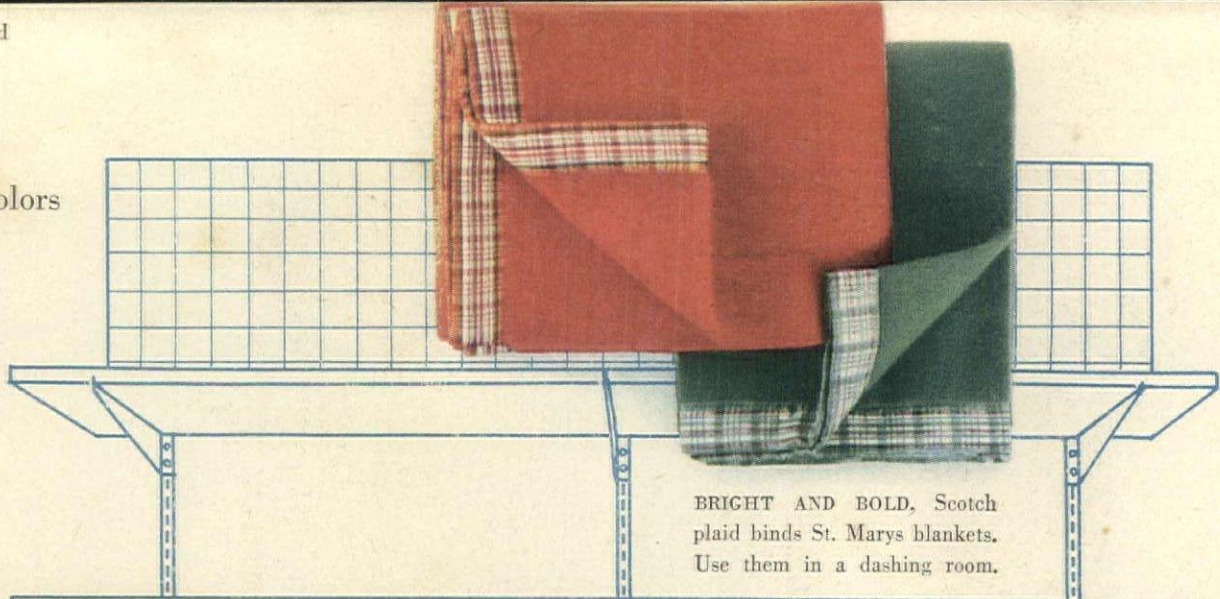
**FLAME FOR A DRESSING ROOM**

Chosen because it is the year's most successful accent color, Flame makes a dressing room lively, is at its best used in small quantities. Perfect for big monograms on big towels.

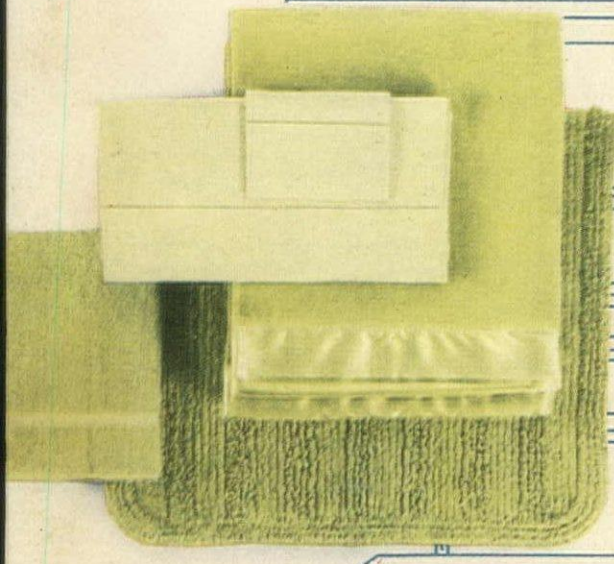


**M**AKE ACCENTS COUNT  
BY CHOOSING FLAME  
TO LIGHTEN YOUR ROOM

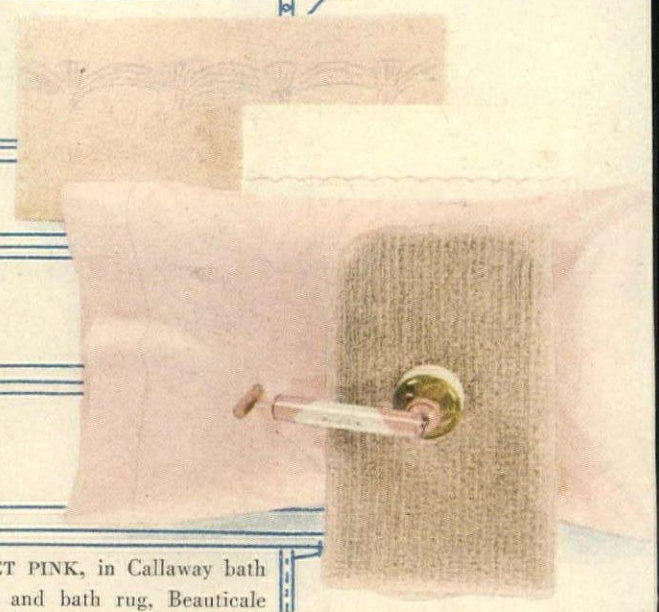
House & Garden colors  
for bed and bath



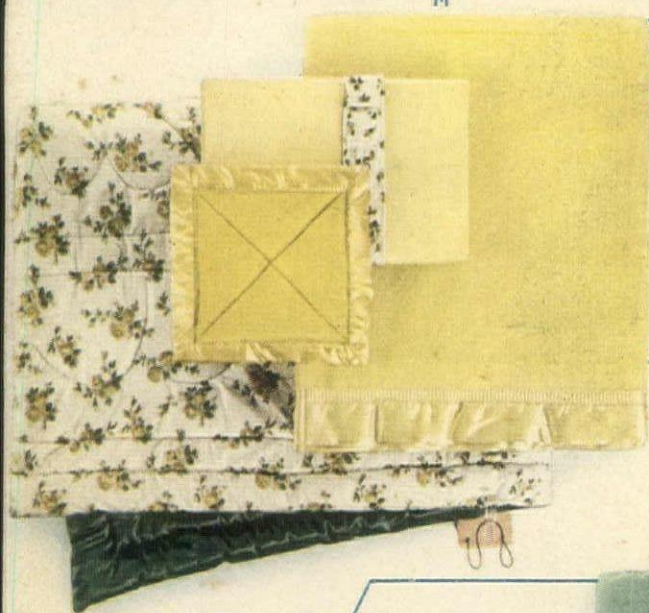
BRIGHT AND BOLD, Scotch  
plaid binds St. Marys blankets.  
Use them in a dashing room.



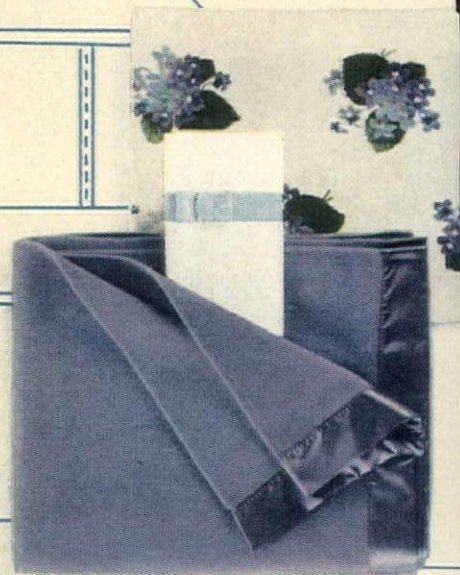
SPROUT GREEN Wamsutta  
Supercal sheets, Somerset  
towels, Springfield blanket  
and a bath rug by Callaway.



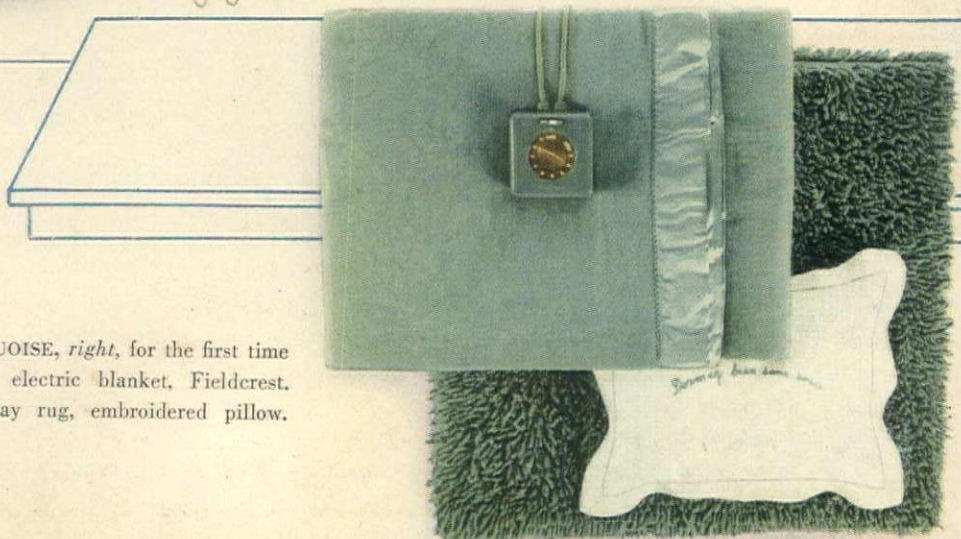
SWEET PINK, in Callaway bath  
towel and bath rug, Beauticale  
sheets, a Pequot pillowcase and  
Tuvaché "Perfumed Air Mist."



CITRON YELLOW, left, in a Chat-  
ham blanket, Pepperell sheet,  
Lenthéric sachet. Sprigged quilt.

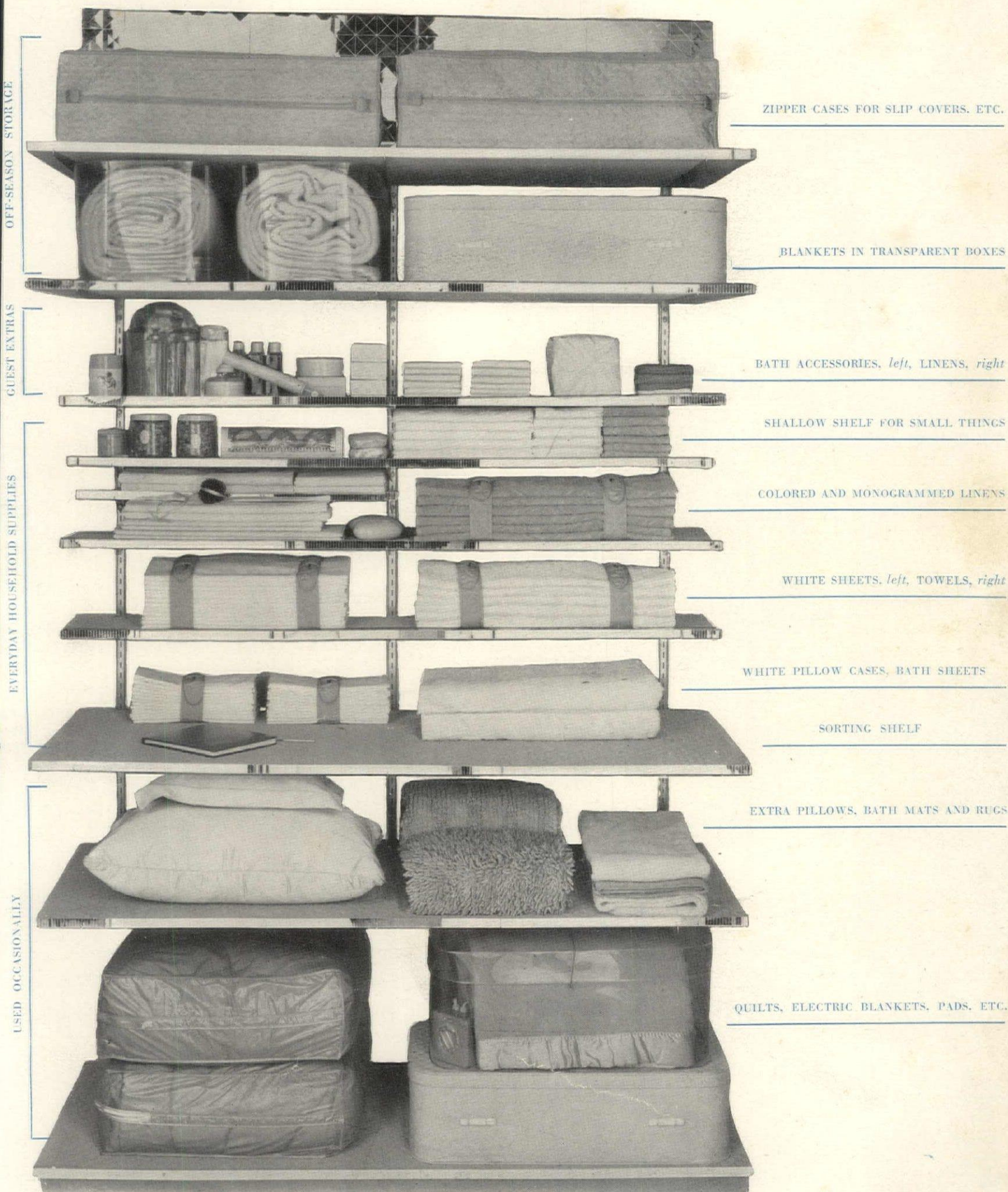


PURPLE HEATHER  
in St. Marys blank-  
ets and a Cyrus  
Clark chintz. The  
Pacific percale  
sheets are white.



TURQUOISE, right, for the first time  
in an electric blanket, Fieldcrest.  
Callaway rug, embroidered pillow.





ZIPPER CASES FOR SLIP COVERS, ETC.

BLANKETS IN TRANSPARENT BOXES

BATH ACCESSORIES, *left*, LINENS, *right*

SHALLOW SHELF FOR SMALL THINGS

COLORED AND MONOGRAMMED LINENS

WHITE SHEETS, *left*, TOWELS, *right*

WHITE PILLOW CASES, BATH SHEETS

SORTING SHELF

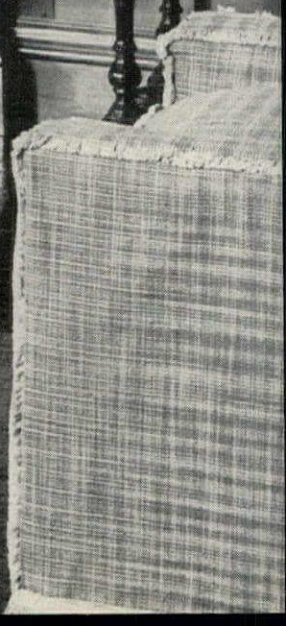
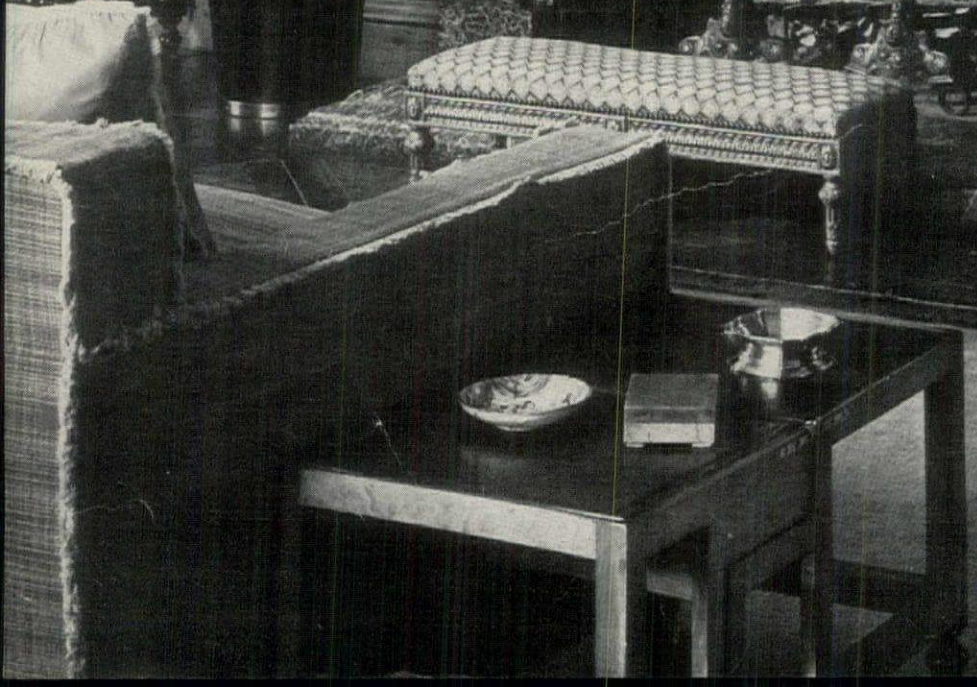
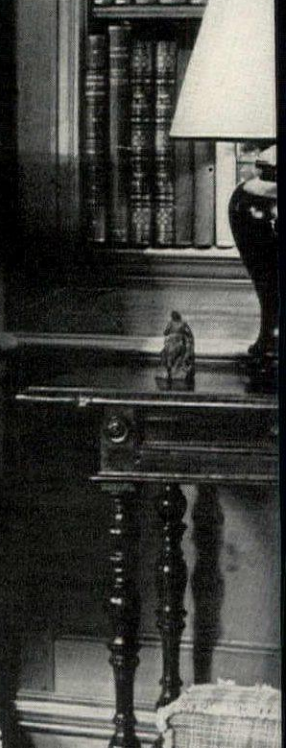
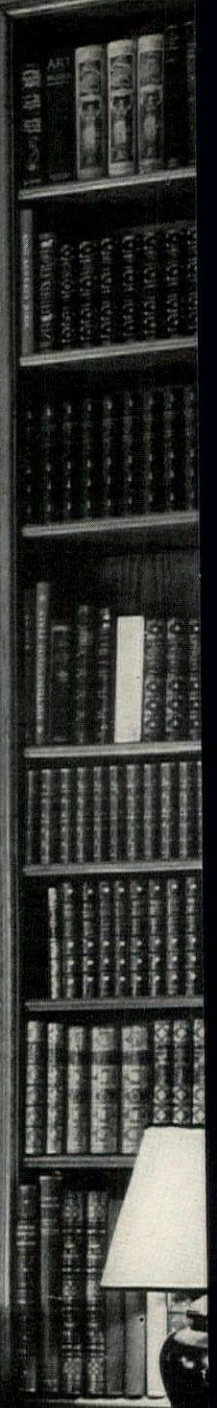
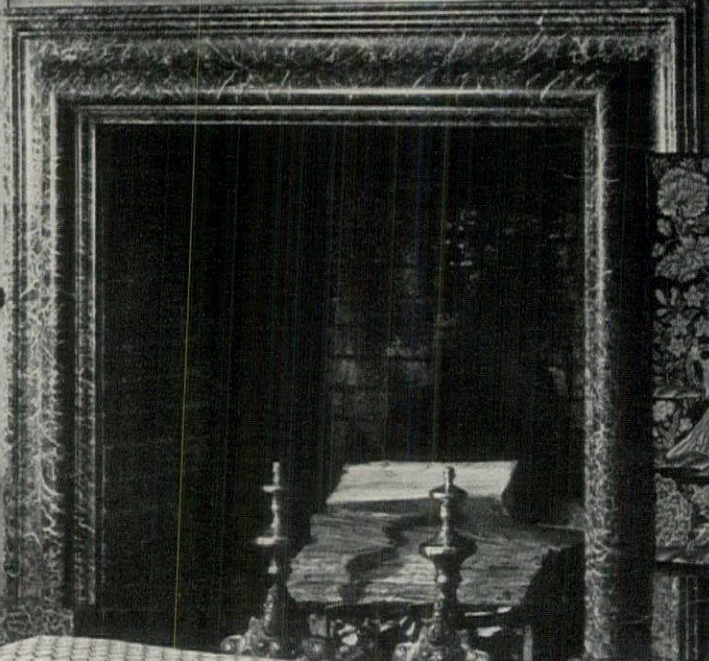
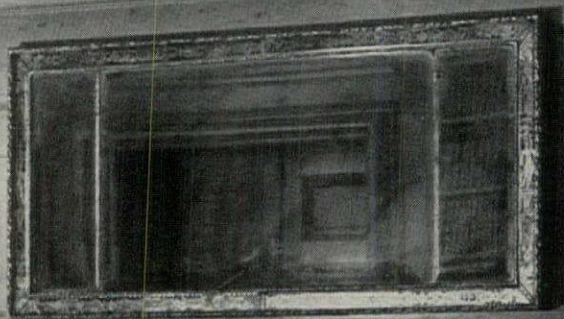
EXTRA PILLOWS, BATH MATS AND RUGS

QUILTS, ELECTRIC BLANKETS, PADS, ETC.

## Closet cue for your linens

Here's a new kind of linen storage: half-inch plywood shelves on metal brackets, which can be suspended from any wall. Its principles, long used by modern architects, can double your storage space in an already existing closet; its engineered dimensions will be useful if you're planning to build. Its table of contents (itemized list on page 111) will help you check linen and bedding replacements you'll be buying at this time of year. Details on how to build it on page 111. HOUSE & GARDEN designed the closet; see it at Macy's, in New York.

*For shopping information on merchandise on the opposite page, see page 103*



# Focus on the fireplace

Your fireplace is the traditional center of your house;  
it sets the mood for the decoration of your room.

On these six pages, we present a variety of mantel treatments.



KERTESZ

## KEY A FRENCH PROVINCIAL ROOM TO A LOUIS XV MANTEL

This graceful marble mantel gives authentic line to the library of Mr. and Mrs. Charles H. Marshall's country house. It dictated French Provincial paneling and a modern glazed chintz of French Provincial derivation on the armchairs. On it stand two bronze cows by the sculptor, Herbert Haseltine.

*Opposite:*

## LINK YOUR FIREPLACE TO PANELING WITH A BOLECTION MOLDING

Brought from England, this classic library in the San Mateo house of Mrs. C. Tobin Clark has no shelf over the fireplace but a marble frame around it which, like the superb woodwork, is treated as wall surface. Portrait of Dr. Johnson is by Reynolds.



**CAPITALIZE ON THE CHARM OF NATURAL WOOD**  
Mr. and Mrs. Raymond E. Lee's warm, livable library is walnut-paneled, centers on a raw pine mantel carved with Federal eagles and shields.



**CONTRAST WHITEWASHED BRICK, DARK BEAMS**  
The Erik Bolins' fireplace is framed by a proscenium of Provincial oak beams, is stepped up from floor level, has a simple shelf above it.



**CREATE A SHADOW-BOX FOR A MOBILE**  
In Mrs. Francis L. White's bedroom, Elsie McNeill, Inc. used this black marble fireplace as a frame for Alexander Calder's black metal mobile.



**POINT UP A PALE ROOM WITH A BRIGHT METAL MANTEL**

In Mr. George E. Greene's apartment, Martini-colored walls, screen and carpet, plus blond furniture called for an animated center of interest. Mr. Greene chose a stainless steel mantel with a small hood. In summer, its bright reflecting surfaces make an effective background for green leaves or for flower arrangements.



KERTESZ

SET A CLASSIC PEDIMENT OVER A GEORGIAN MANTEL

Dr. and Mrs. Harold Ruckman Mixsell live on Long Island, have a pale-carpeted white living room filled with greenhouse flowers and flowery chintzes. A good setting for day or night entertaining, its fragile charm is carried out by a broken pediment overmantel and restrained paneling.



MIRROR AN EMPIRE MANTEL

In Mrs. Arthur H. Kudner's turquoise living room, decorator William Pahlmann emphasizes a white marble mantel with floor-to-ceiling mirror.



ACCENT WITH A DIRECTOIRE MANTEL

In Charles H. G. Thompson's sophisticated living room, this black marble mantel dramatizes a scheme in olive-green, snuff-brown and gold.



LYON

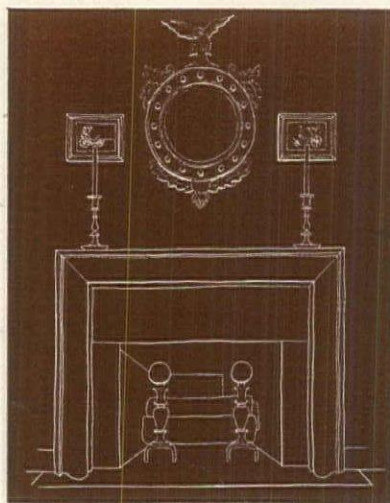
SET A VICTORIAN MANTEL ON A STEP

In Mrs. Wellington S. Henderson's bedroom this small Victorian mantel with cast-iron facing is placed off-center and stepped up from the floor.

Too often mantel decoration tends to become cliché. Here are five arrangements that avoid being trite.



TRITE



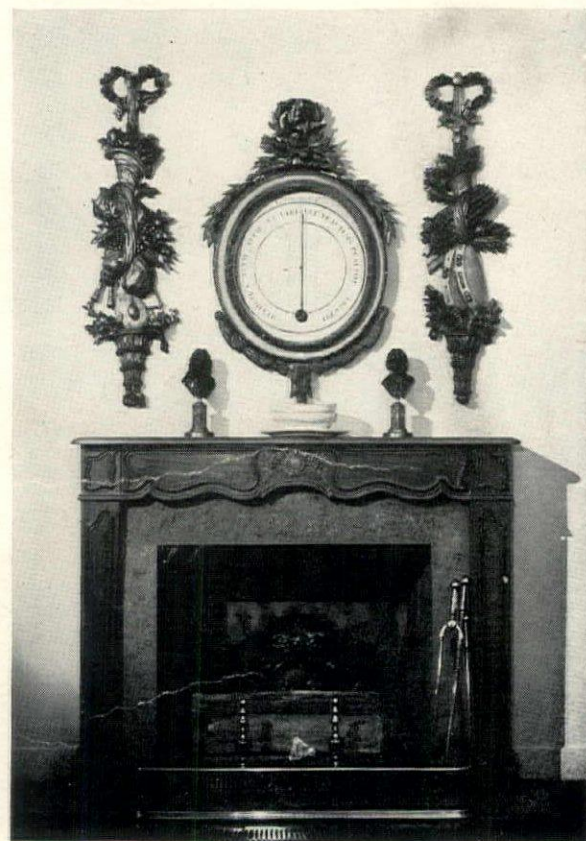
CREATE AN OVERMANTEL OF PICTURES

Instead of the standard treatment of framed mirror, a pair of ball andirons and candlesticks, *left*, why not make a geometric grouping of shadow-boxed figurines as shown *above*?



BRASS CHESS KNIGHT ANDIRONS, \$125, EDWIN JACKSON

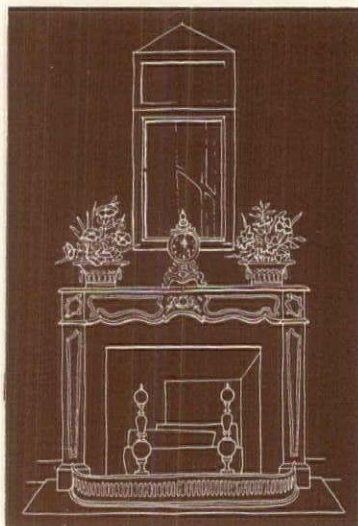
UNEXPECTED



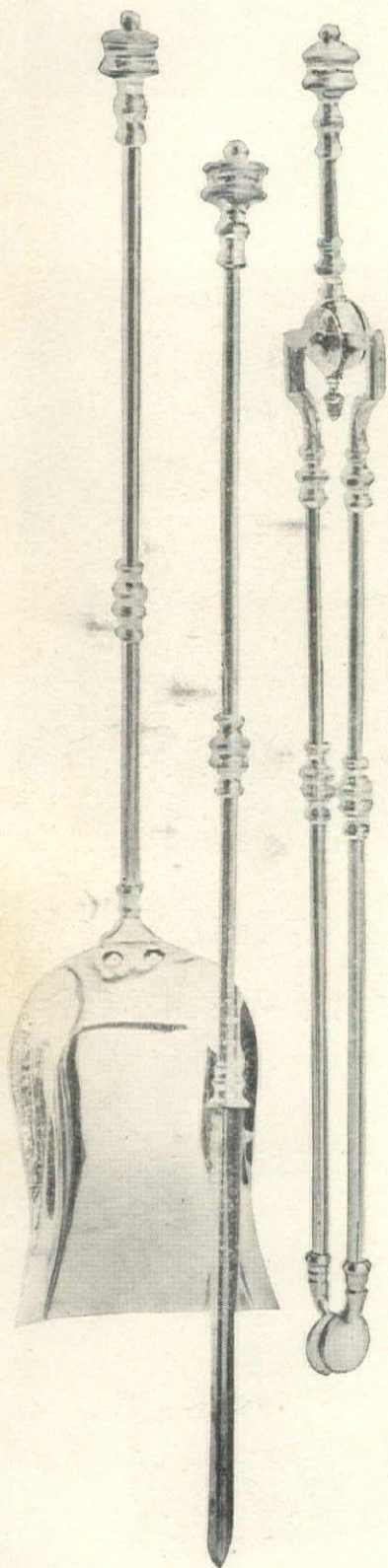
USE UNEVEN HEIGHTS, DISPARATE SCALE

Higher at the sides than in middle, this group of appliques, antique barometer and diminutive bronze busts has an eye-arresting quality not present in the arrangement, *left*, of pier glass, clock and standard pair of matched cachepots.

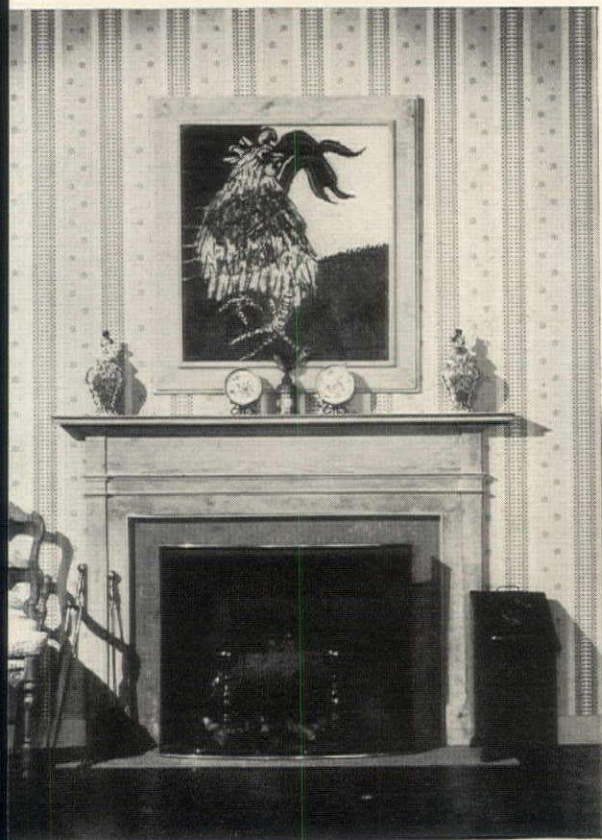
CONVENTIONAL



DREW



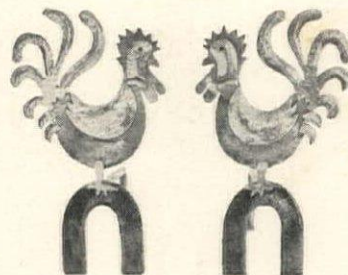
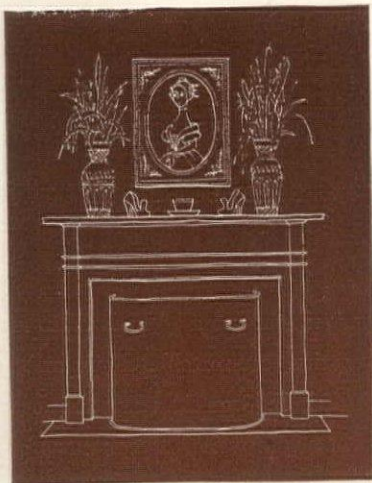
BRASS FIREPLACE SET, \$55, EDWIN JACKSON



MIX PERIOD PIECES WITH MODERN PAINTING

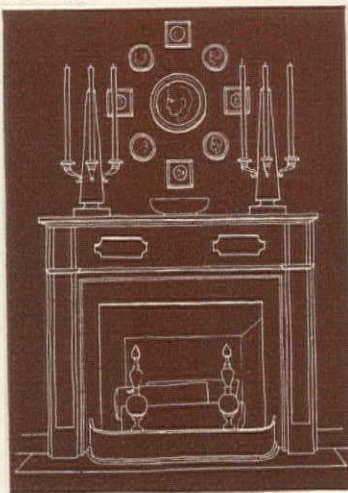
For a typical Early American mantel, you might choose a classic primitive painting, milk glass and vases full of rushes, *above, right*. But there is as much harmony and considerably more interest in the surprise effect of a modern painting, English porcelain and French Provincial furniture, as *above*.

TIME-TRIED



ITALIAN ANDIRONS, IRON PAINTED GREEN. \$38, EDWIN JACKSON

SPOTTY



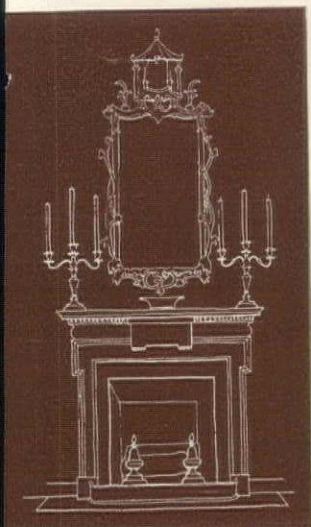
ORGANIZED

NOYES



A FRAMED COLLECTION LOOKS MORE IMPORTANT  
Above this antique Federal cherry and burl maple mantel a group of small portrait medallions and mementos counts for more if assembled in one frame rather than spotted at random (*above, left*). Such an arrangement will set off a handsome ornament or fine porcelain.

CLASSIC

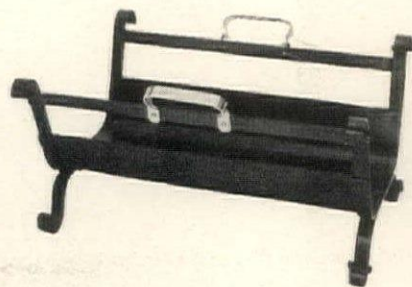


ECLECTIC



CHOOSE ORNAMENTS WITH FLAIR

There is nothing the matter with the Chinese Chippendale mirror between candelabra on this painted chinoiserie mantel, *above*, except that you have seen it a score of times. So why not choose more un-rehearsed ornaments, *right*, such as an antique Italian gilt wall bracket hung over four bisque figurines?



BRASS AND BLACK FIREWOOD BASKET, \$32, EDWIN JACKSON

For shopping information on accessories see page 120.

## Your patio is an outdoor room

Decorate it as you would a living room, but bear in mind that nature supplies pattern in branch and leaf and flower and that white is wonderful with green.

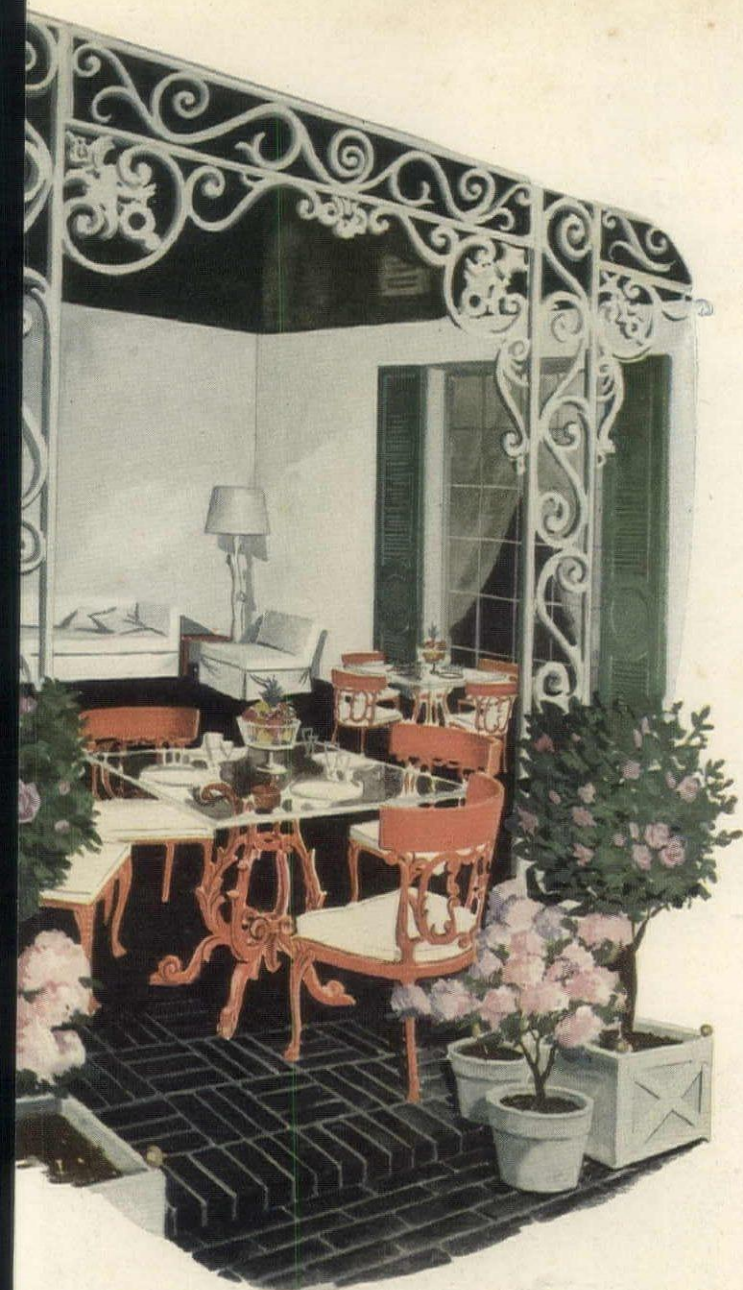
ON clement days, your patio is an outdoor room to be lived in from early morning till long after sun-down. It merits attractive decoration, comfortable chairs and sofas, an ample table, good lighting. White sets it off beautifully. Mr. and Mrs. F. Cecil Baker's patio on the St. Lucie River estuary in Florida, *below*, is framed on three sides by the white walls of their house. Palms offer partial shade into which furniture on wheels is rolled; clustered potted plants provide flowers through the year. For Mr. and Mrs. George L. Coleman, Jr.'s house at Pebble Beach, California, decorator Frances A. Elkins chose white painted wooden furniture, upholstered in brilliant poster colors. Exotic native plants flourish in brackets on the wall and in pots on the tiled floor. Palms and tall shrubs grow against the white walls and in archways of Channing Hare's loggia at Palm Beach. At Locust Valley, Long Island, Mrs. Harold Ruckman Mixsell combines rattan and iron furniture, painted white, upholstered in plain, dark blue duck. *Opposite*, four patios suggest decorating ideas for you. Shopping information is on page 93.



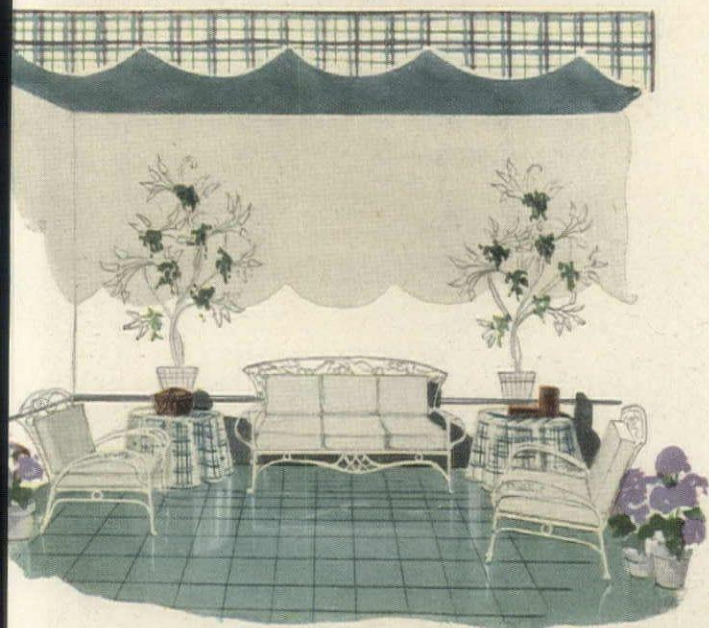
THE PATIO IN THE CENTER of the F. Cecil Bakers' Florida house is enclosed by low wings on three sides

SARGENT COLLIER

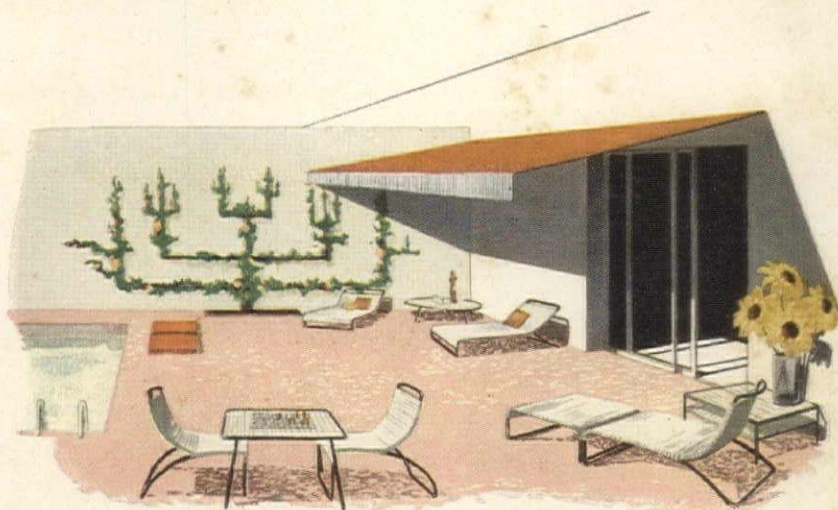




ROMANTIC: Arabesques of Victorian cast-aluminum lace complement potted shrubs. Furniture by Molla.



ECLECTIC: Brash color and crisp lines beside a terrace; furniture by Salterini.

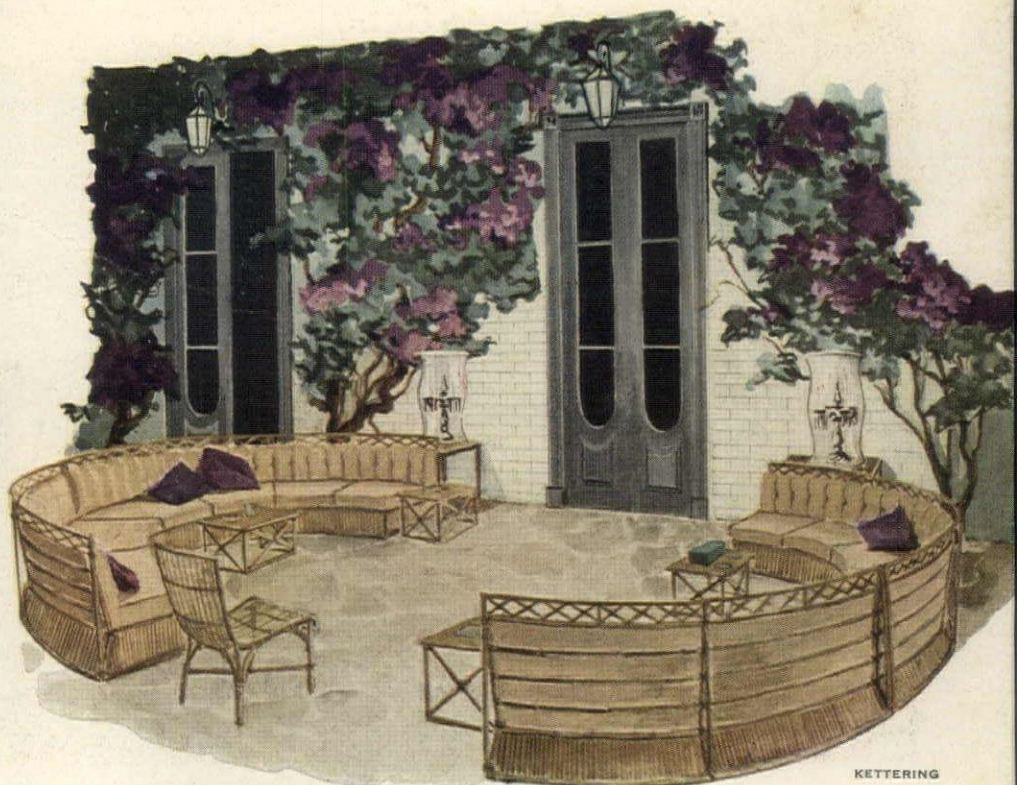


MODERN: Full sun on poster colors with an obligato of espaliered trees beside a pool. Furniture, Van Keppel-Green.

## Points of the compass

### set the points of the patio

**T**HE location of your patio (terrace or yard) makes a vast difference in what you do with it. South of the Mason-Dixon line, let flowering shrubs set your color scheme with romantic, ante-bellum furniture like Molla's to key the tempo of your living. In California and at the desert's edge, be uninhibited in your use of color, modern in your choice of furniture. California's talented designers, Van Keppel-Green, have fashioned excellent furniture for you. From Maine to Mississippi, an eclectic scheme of crisp white contemporary iron furniture by Salterini and sharp color accents makes a lively setting. In Florida or Connecticut or Texas, rattan furniture, Ficks Reed, can create a leisurely, British Colonial charm on your terrace.



KETTERING

BRITISH COLONIAL: Chinese Chippendale in a monochromatic setting, patterned by vines. Furniture is by Ficks Reed.



# Time mellows this modern house

HOUSE & GARDEN is often asked by its readers: "Will a modern house wear well? Will I like it as well in 10 years as I do now?" We believe that any well-designed house is bound to grow in your affection as its gardens mature and its rooms become stamped with your personality. As a case in point, we photographed a 10-year-old "modern" house in Lincoln, Massachusetts, and asked the owners, Mr. and Mrs. Walter Gropius, how they like living in it, if window walls, solar heating and flat roofs have stood up under wear and weather. Their comments and criticisms (here and on the next four pages) are doubly illuminating for as architect and owner, Mr. Gropius knows every facet of his house. For more information about this house turn to page 112.

GEORGE H. DAVIS



*1938—We had just moved in*

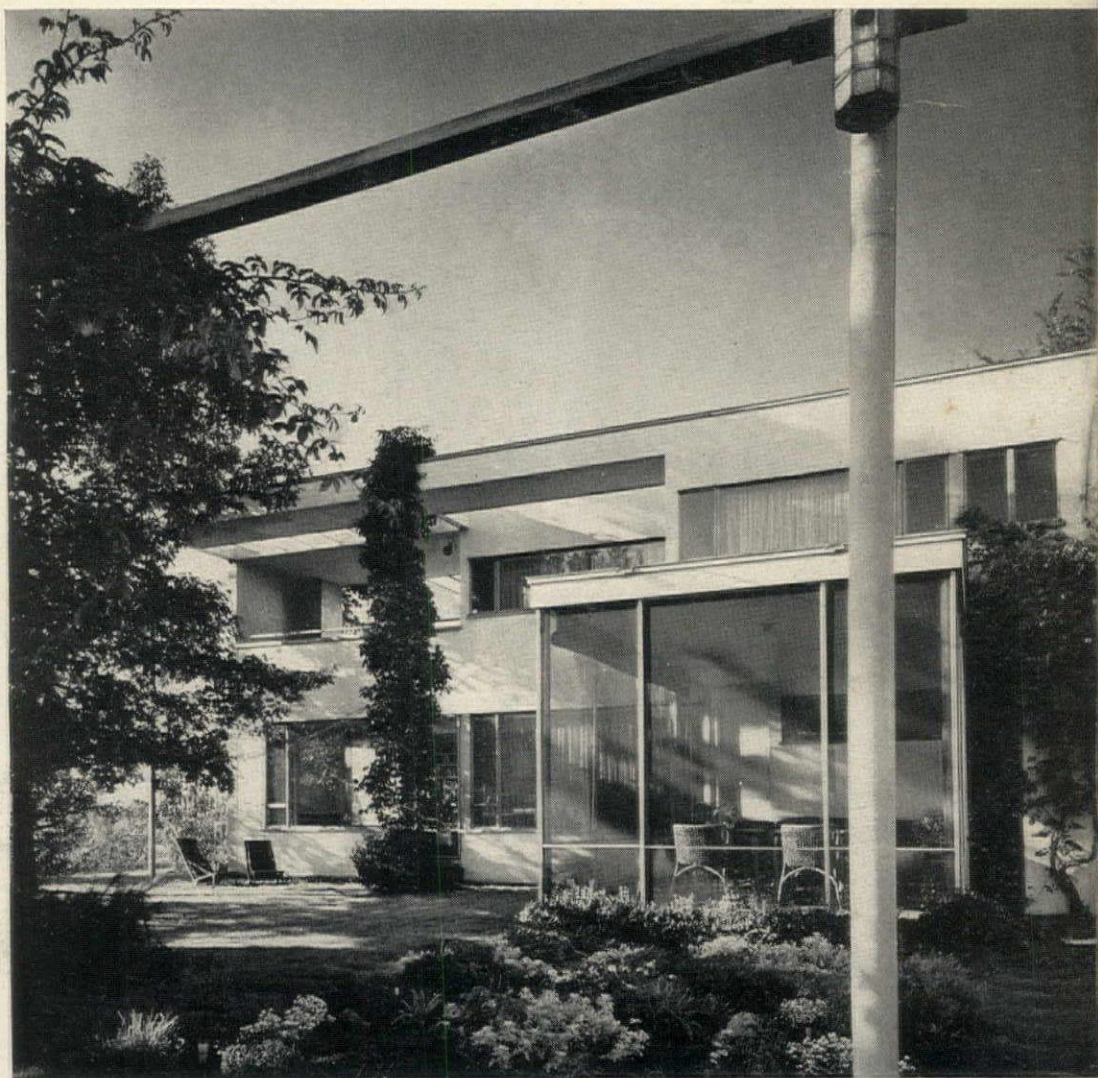
*Ten years' experience*

*with our own house*

*by Walter and Ise Gropius*

A GREAT DEAL of the charm of old houses is certainly due to the mellowing effect of time and of their well-established gardens. Modern houses are often photographed and published right after their owners have moved in. They are bound to look bare. It is obvious that the house and its surrounding landscape need years to come to terms with each other. The appearance of our own house in Lincoln, Massachusetts, has changed within ten years because the landscaping and gardens have had time to grow up to our original plan.

The house is opened up to take in a part of the surrounding areas. Nor does it end at its enclosing walls; it reaches out with "tentacles" of trellis, low walls and planting designed to delineate the outdoor living spaces and make them a part of the over-all composition. This way, gardening assumed a new importance. Our garden projects itself constantly into our consciousness and we are more aware of its features than we would be if we only got an occasional glimpse of it through small Georgian window panes.

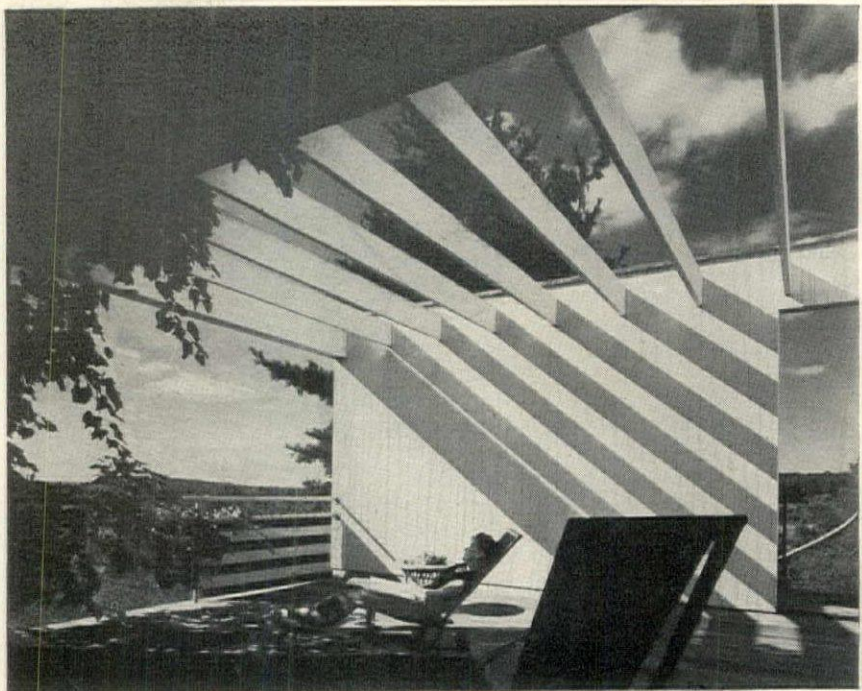


*Landscaping and garden have had a chance to develop; the house has mellowed and worn well*

*Opposite*

*We opened the house to bring in part of the surrounding garden. There is no separate outside and inside world.*

THE HOUSE plan responds well to the various claims of family life. It had been planned from the beginning not to create a "picture" or to perpetuate a status quo—however charming—but as a living organism, ready to serve as background for constantly changing activities. We think that the house fits us like a sweater, except for the kitchen which does not now quite answer our present requirements. It was laid out under the assumption that we would have a maid. But as servants often create more problems than they solve, we find that the maidless household suits us better. We now wish we had a broad counter between kitchen and dining room which would permit the family or guests to serve themselves conveniently and allow for a more open communication between the living area and the kitchen. The Kliegl light in the ceiling above the dining table is most successful. Even simple glassware and pottery look glamorous in the brilliant pinpoint illumination. Attention is centered on table and food, while the eyes remain protected from the glare.

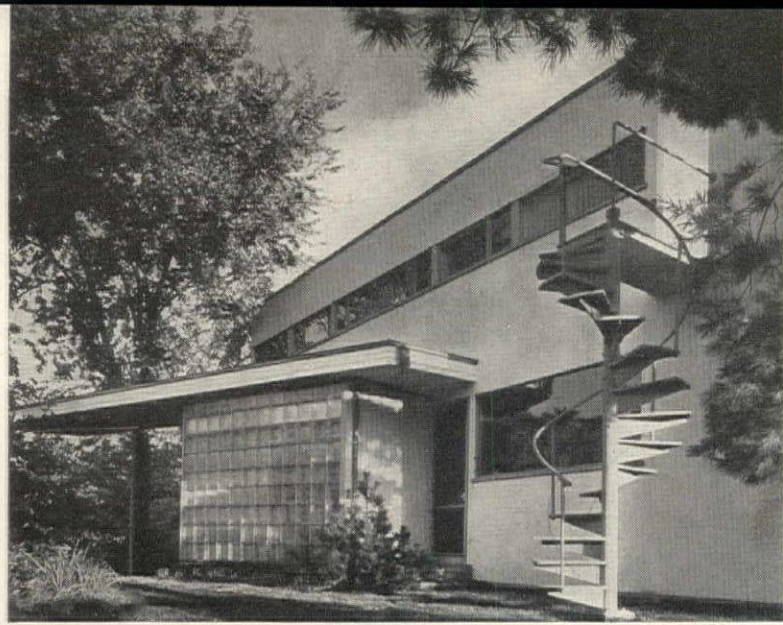


*Summer-night parties on the roof deck, SHOWN ABOVE, breakfasts in the morning sun on the porch, SHOWN BELOW—all this brings to our home life many of the thrills for which we used to travel far and wide.*



*The large screened porch, extending out from our house at full length, has become the main living and dining space during the summer. It catches both eastern and western breezes and has a sheltered, glassed-in corner.*

WALTER GROPIUS and  
MARCEL BREUER, *architects*



*The spiral staircase to the roof-deck and to our daughter's room proved to be very practical as the children could enter directly without tracking through the house.*

WE MOVED into our house a few days before the great hurricane of September 1938, which put it to a severe test right away. The porch screens were torn and part of the trellis loosened, but everything else, including the large glass panes, remained intact. The flat roof was not affected, whereas pitched roofs all over the region suffered damage. Also in subsequent heavy blizzards throughout the years, the flat roof never developed a leak. Since the slightest air current blows snow off the roof, drifts have no chance to collect. Pitched roofs pile up snow on their wind side; then the snow comes down in avalanches or forms icicles which are often dangerous. The inside drain for the flat roof works perfectly. It is warmed by indoor temperature and cannot freeze.

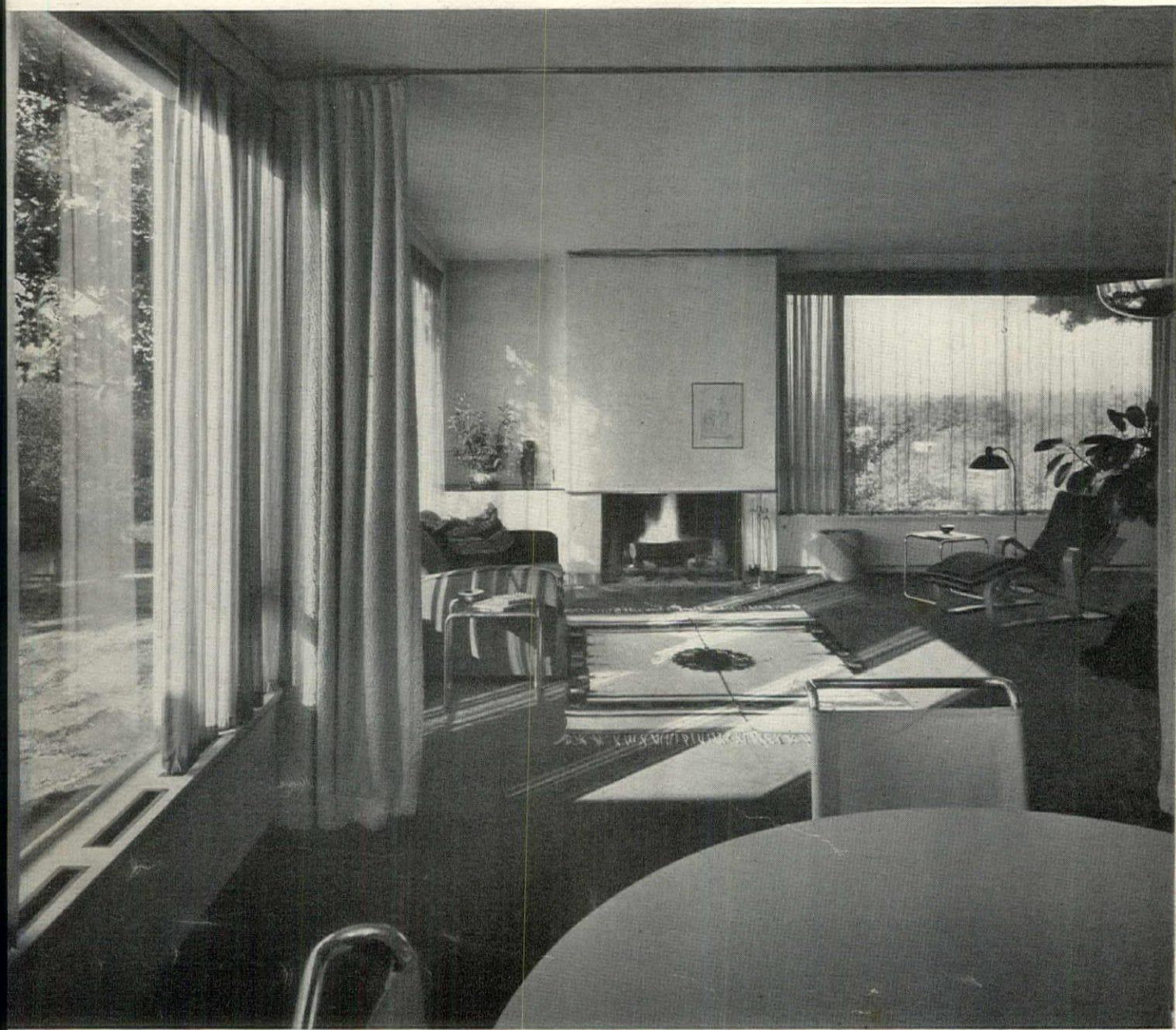
The real drawback to living in our house in Lincoln, is the fact that we have largely neglected traveling. We have become home addicts and it takes a major effort now to tear us away.

DAMORA



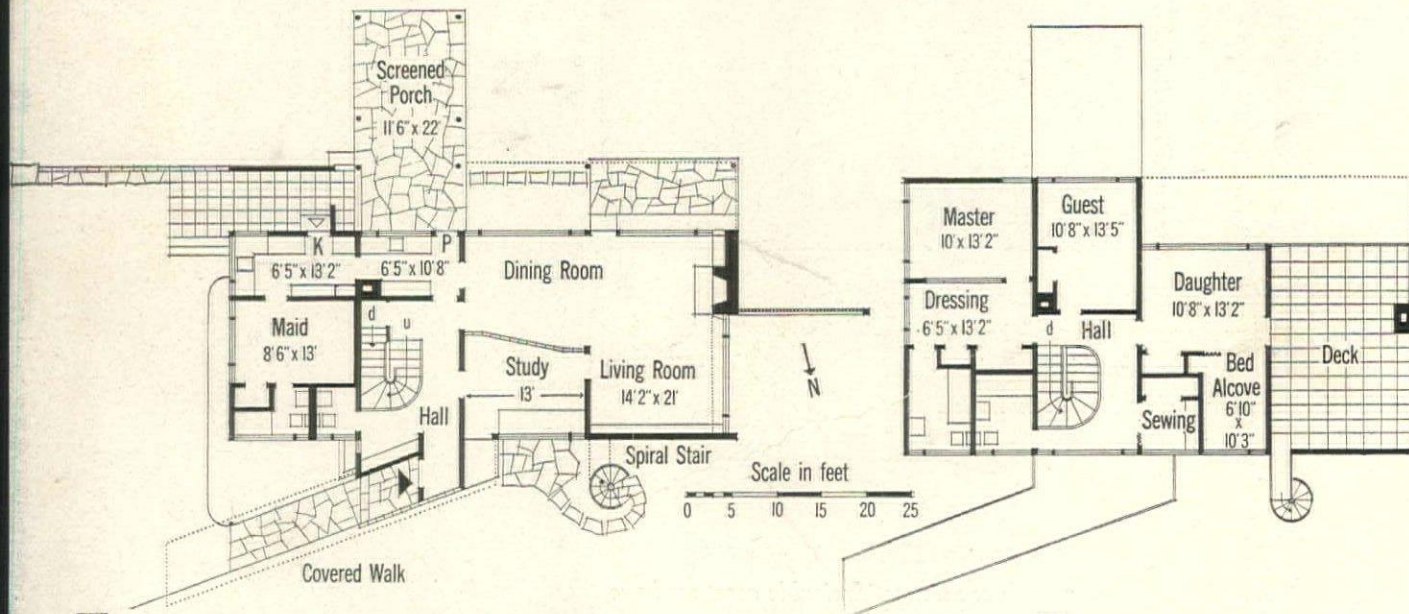
*Clapboard and brick, wood-frame construction and the demands of the New England climate form a regional tradition which was made a part of the design; but it is not a dry imitation of what has been in the past.*

*The large window walls are a most desirable asset we have found. They establish the outdoor-indoor relation of our living space throughout the year. They provide a view of a natural stage on which the dramatic events of nature entertain us from morning to evening, summer and winter. There is nothing like watching a blizzard through 12-foot wide glass panes while sitting cosily at the dining table.*



LIVING ROOM SEEN FROM DINING ROOM

*We have often been asked, "Why have a fireplace in a modern house where it obviously is not needed for heating?" Our answer is that we enjoy it. A sweet-smelling wood fire is a luxury we should hate to dispense with for its beauty and relaxing qualities.*



*The floor plan of the house was designed for freedom of motion from one room to another and to the out-of-doors. Throughout the years the house has responded well to almost every need of our family. The kitchen and service areas were designed to be run by a maid, but we have discovered that a servantless household is more to our liking.*

*The Old Colonial tradition of a central hall is pleasant and appropriate today. It eliminates corridors, and from it we can reach every room. The clapboard is a time-honored material, used in the region over a hundred years.*





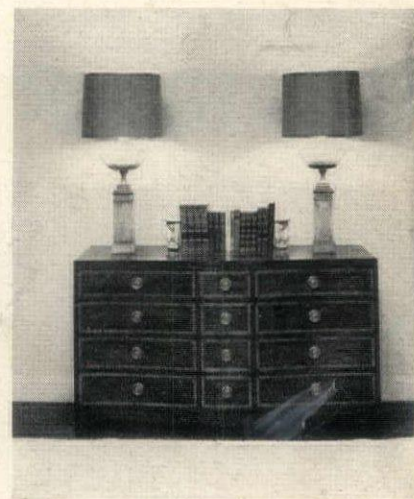


# How to stretch inches

Here is furniture that gives you the charm of tradition plus the benefits of storage space engineered to modern standards.

**T**ILL very recently, many people found themselves between Scylla and Charybdis when they started to decorate. Would they choose modern furniture with its wonderfully planned storage facilities? Or would they have traditional furniture with its traditional (and often inadequate) storage arrangements? Today, they can choose whichever style they like best without having to make a sacrifice. This is possible because modern design thinking is being built into chests, tables, desks and night-stands in the eighteenth-century style. An outstanding job has been done by the Grand Rapids Chair Company. On these four pages you will find fine mahogany pieces, distinguished by their grace and good workmanship. They are a living example of an old maxim: beauty is as beauty does. They are good to look at and even better to live with. Internally, every inch has been charted to serve you. First the designers took inventory of the average possessions of an average family; then worked months to find the most logical ways to store them. By subdividing each cabinet and tailoring each drawer to a specific purpose, they have made it difficult to be untidy. You will not be tempted to toss handkerchiefs in the shirt drawer and you will find it impossible to put place mats where the silver ought to be. But the designers have also managed to combine orderliness with flexibility, so that the pieces you buy when you live in a small apartment can move right along with you when you move into a larger place. Today's desk can become tomorrow's dressing table. The compact dining table opens up to fit the new dining room. The buffet-bureau you use now in your living-dining room can be moved either to dining room or bedroom when you expand. A modern counterpart of this period furniture will appear in HOUSE & GARDEN for February.

*Sligh Originals Group by Grand Rapids Chair Co., at Macy's, New York; John M. Smyth Co., Chicago; Paul Schatz Furniture Co., Portland, Oregon.*



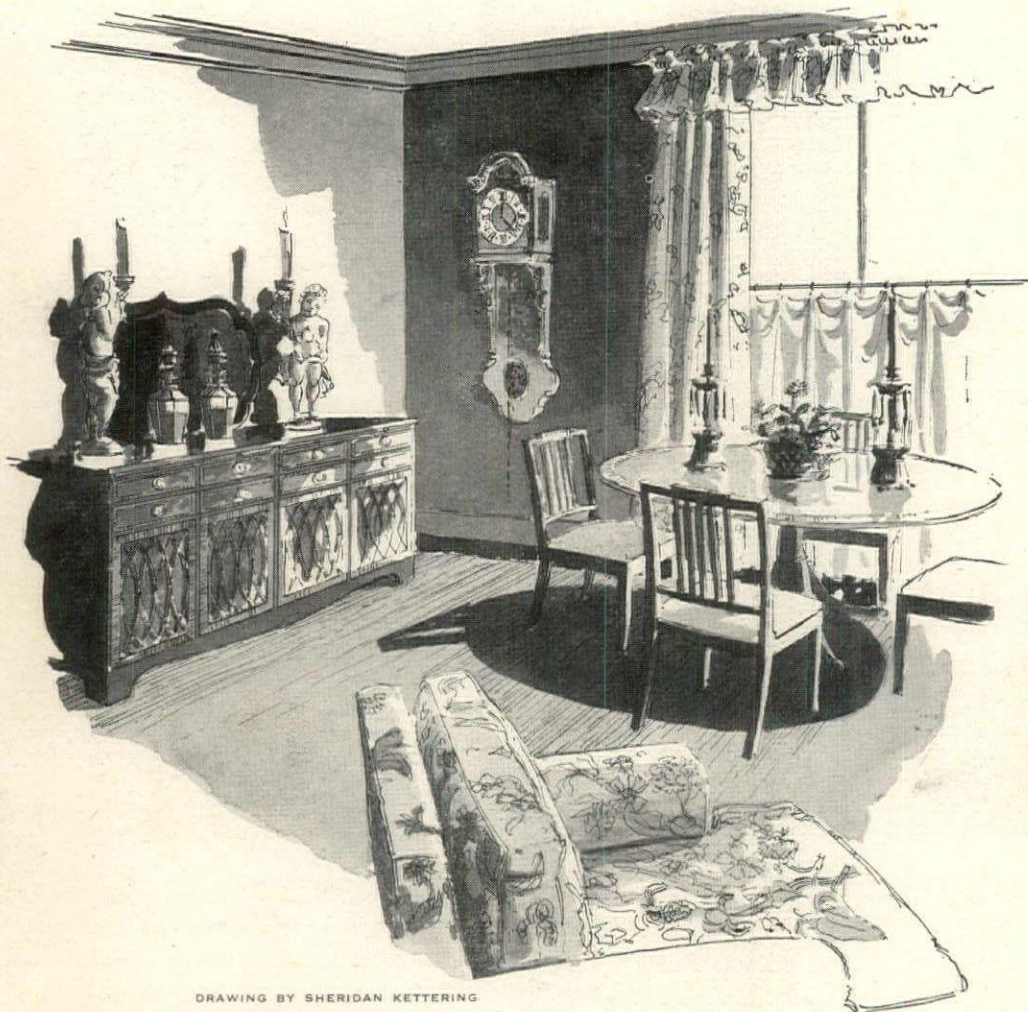
## Bigger than it looks

This bureau-buffet can hold essentials for dressing and dining in a one-room apartment (see it again on page 81). You can store a chest for flat silver, top left, your serving silver goes in the center, your linen, right. Double drawer (bottom center) is for bottles. Three lower drawers, left, for his clothes, right, for hers. Bureau-buffet is 60" x 22", \$345. Lamps, Macy's; Staffordshire vases, W. Jay Saylor; decanters and labels, Georg Jensen Inc.; Skyline beige carpet by James Lees.

Opposite:

Large-scale charm  
in small-scale space

Dinner is served against a background of HOUSE & GARDEN colors—Madeira and Sandalwood Beige, accented by a bouquet of Colorado carnations. Console table 24" x 40" opens to 95" x 40" with three 12" leaves, costs \$184; chairs (price \$175 for four) are covered in Kandell's "Maytime" chintz. Antique mirror and wall brackets, Olivieri, Candelabra, Motahedeh; candles, Will & Baumer. "Skyline" rug, James Lees. Details of table setting on page 119.



DRAWING BY SHERIDAN KETTERING  
PHOTOGRAPHS BY HAANEL CASSIDY  
FURNITURE BY GRAND RAPIDS CHAIR COMPANY

### In a large living-dining room

An oval dining table (60" x 46", \$225) is set in the window with a large butler-buffet (64" x 23", \$535, shown close-up *below*) on the adjoining wall. The room, sketched at Macy's, New York, has a spacious look, is actually a model of good storage.



### For serving: a tea cart

It takes little room (36" x 20"), has a drop leaf which enlarges it to 36" x 38", costs \$95. Accessories, Georg Jensen Inc., Bergdorf Goodman.



### With almost the capacity of a butler's pantry

Silver in top drawers, linen in lower drawers, china, bottles, extra leaves for the dining table are stored in this butler-buffet, 64" x 23", \$535. Accessories: "Tradition—or else," Schoenfeld, Georg Jensen, Lehmann.



As a bedroom dressing table

Its nine drawers and compact size (48" x 20") make this piece particularly useful in a bedroom for cosmetics and gloves, handkerchiefs and all the small things which need to be filed separately for the sake of neatness. \$250. The accessories are French touched with gilt, from Macy's, New York.



... or a desk in the living room

The dressing table, *left*, used as a desk, need not be set against a wall, since the back is finished. On it, a silver lamp from Macy's, accessories from Georg Jensen Inc., New York. Directoire armchair, Edward Garratt; rug, James Lees & Sons. French wall shelf and china, Bergdorf Goodman.



One bureau-buffet replaces two bedroom chests

Better than two separate chests, this bureau takes up only 60" x 22" and has a bank of small drawers in the center, the lowest doubly deep. Here is ample space for all the clothes a couple does not hang in the closets. It is mahogany, costs \$345. The bedroom shown is by Macy's, New York.



One bedside table for two

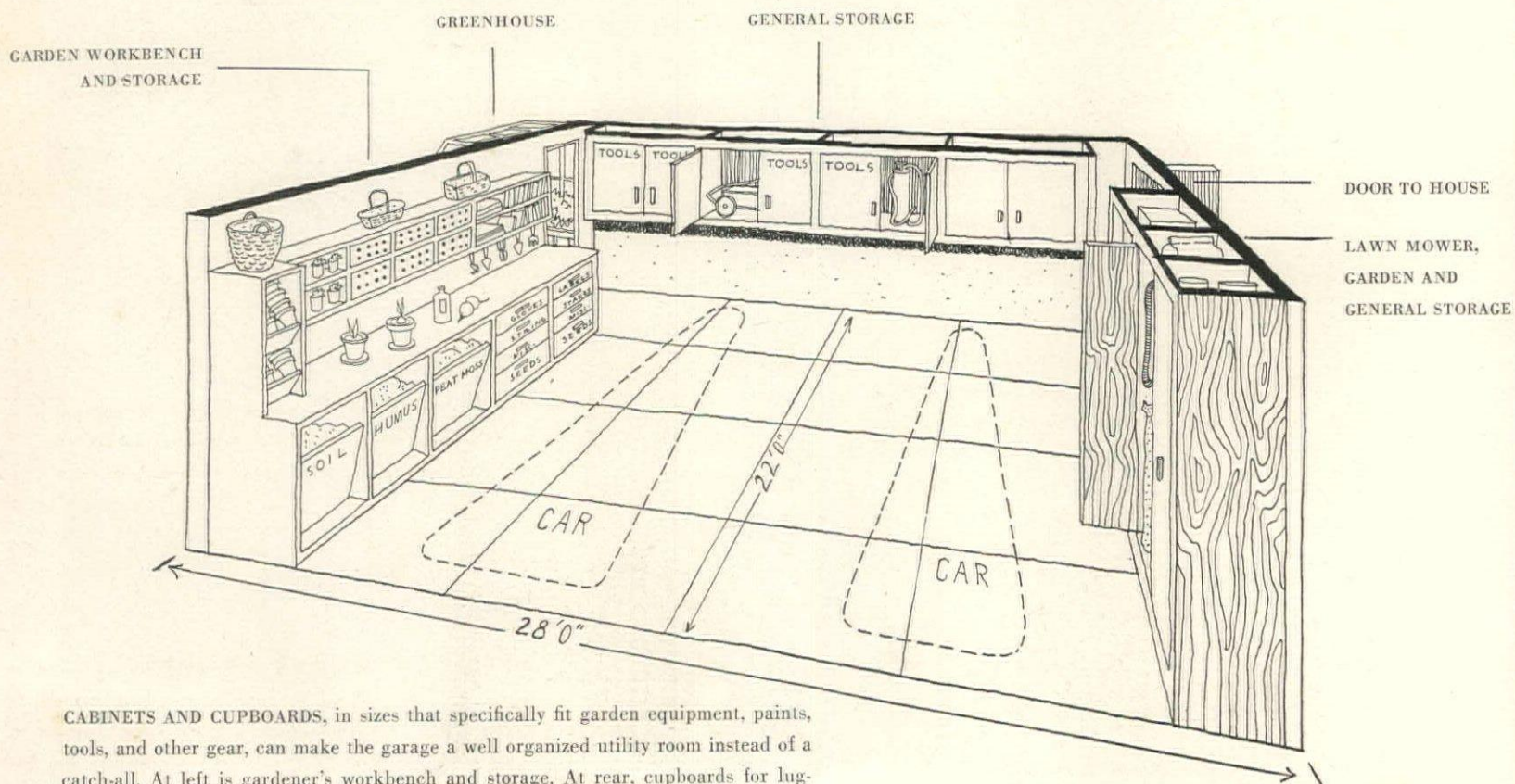
Set between black lacquer beds touched with gold (\$130 each) the night table (20" x 16", \$100) has, in addition to its shallow top drawer, a pull-out shelf, room for a radio or for books and an extra deep bottom drawer. This gives you space to keep your cosmetics or an electric pad out of sight.

## Don't use horse-and-buggy thinking in planning your garage

**W**HERE TO PLACE IT: The garage should be an integral part of your house, not a casual afterthought. It should be placed where it works best with your house plan and your site plan. In general, putting it at the front or side of the house is good. It will be convenient to the street and, if you connect garage and house with a roofed passage, you will be sheltered in bad weather. This location can also minimize the length of the driveway you must build, maintain, and keep clear of snow. At the same time, it allows for off-the-street parking without cutting up your whole lot. Your garage can help to screen your house from the street, too, and add privacy, a great boon if you have wide front windows. But be warned, some communities prohibit front garages, or specify how far

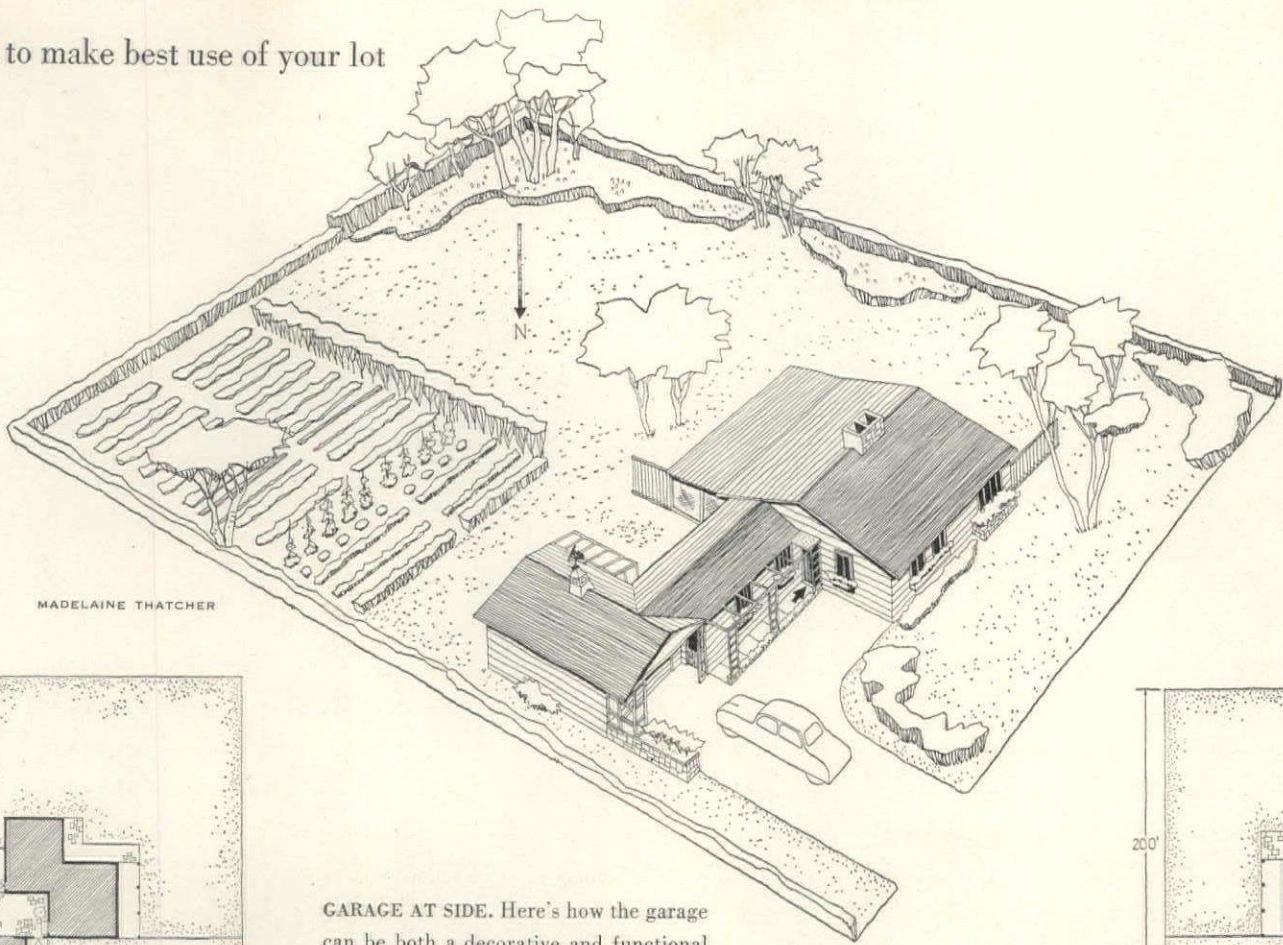
they must be set back from the street. A side garage can help to fence off your service yard or screen your house and garden from neighbors. If your lot faces north, placing the garage before or beside the house can give protection and also save the south side for maximum sun, garden and outdoor living. An attached garage, connected to the house by a porch, a covered passage or a service wing, will give decorative lift and won't rob you of any windows and exposures. It often improves the appearance of a small, one-story house (though naturally, it costs more than if one garage wall were a joint wall of the house). A garage built into your basement is possible if you have a sloping lot; it saves extra foundation costs and land, cuts off no exposures. A separate (Continued on page 87)

### Plan it for more than car storage

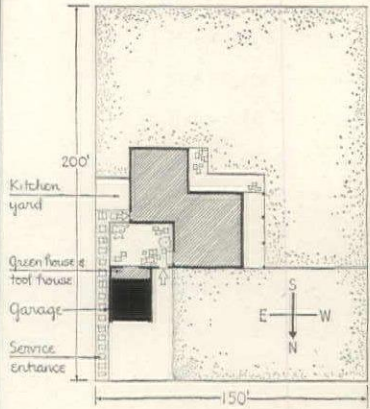


CABINETS AND CUPBOARDS, in sizes that specifically fit garden equipment, paints, tools, and other gear, can make the garage a well organized utility room instead of a catch-all. At left is gardener's workbench and storage. At rear, cupboards for luggage and dead storage and insecticides, use waste space over car hoods. At right, closets for power tools, screens, etc. Generous floor space is allowed to get around cars.

Place it to make best use of your lot

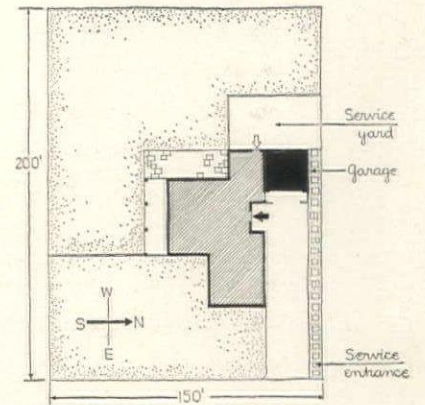


MADELAINE THATCHER



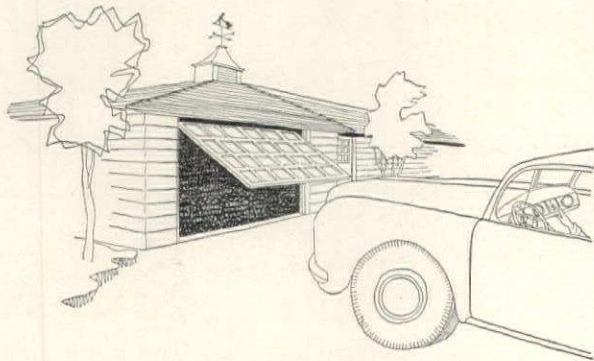
**GARAGE AT FRONT** screens service wing from street, house and patio from north. Little drive to build, keep up.

**GARAGE AT SIDE.** Here's how the garage can be both a decorative and functional asset to a small house. Its recessed entrance, trellis treatment dress it up. It is handy to all parts of house, connects to service and front entrances, adjoins service wing, shields service yard, permits some front-of-the-house parking.

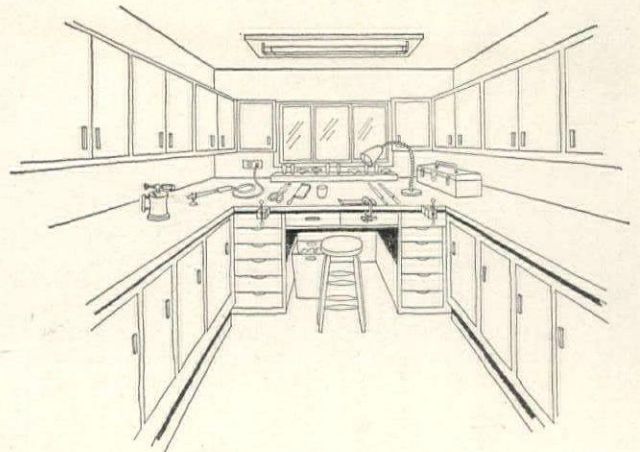


**GARAGE AT BACK.** Placed on north and handily connected to service wing, it saves south side of house for gardens.

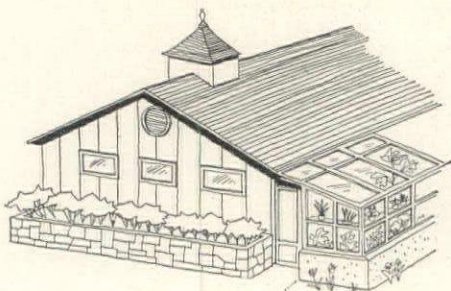
Equip it for easy operation



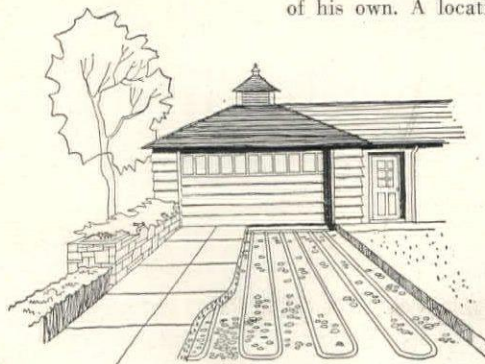
**AUTOMATIC CONTROL OF DOOR.** You can open or close your garage door, turn lights on or off, without leaving car. Radio control, electric connections do it.



**HANDY MAN'S WORKSHOP:** No feature is more welcome to the skilled man of the house than a well organized workbench of his own. A location next the garage, often a quiet spot.



**GREENHOUSE ADJOINING GARAGE.** A small lean-to greenhouse (available in ready-made, easily assembled unit) adds light in garage, is handy to garden.



**SNOW-MELTING SYSTEM:** No need to shovel snow or ice from your driveway if you install hot water or steam pipes in it. They can be connected to the hot water or steam-heating system in house.



THE HAROLD OLSONS and daughter Kristine in front of their house

## Living room vs. room for living

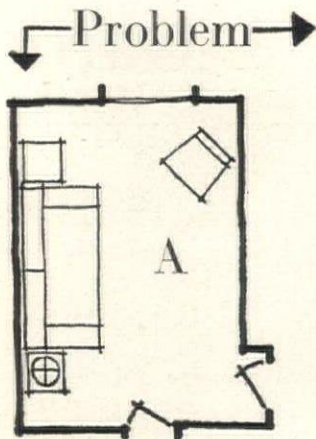
This couple's space problem

is so common among young marrieds

that HOUSE & GARDEN decided to solve it.

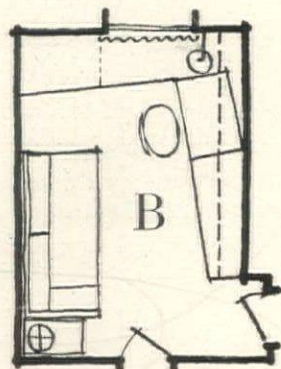
Mr. and Mrs. Harold Olson live in one of a row of neat little houses in Bayside, Long Island. A low rental (the Olsons are buying their house at the rate of \$75 a month) repays Mr. Olson for the hour's commuting trip he takes every day to get to and from his office in the architectural firm of Skidmore, Owings & Merrill. Since Mrs. Olson majored in design at the University of Southern California, she is interested in the looks of her rooms. Her knottiest problem is what to do with the tiny spare room, 8 by 12 feet, which contains two chests, a chair and a box spring and mattress (plan A) that will shortly be

needed in the child's room by their 15-month-old daughter, Kristine, who is fast outgrowing her crib. Mr. Olson has had his eye on this tiny room for the drafting he often has to do in the evenings (he sometimes does free-lance work). As they have many visitors from the West Coast, where they originally met, they would like to be able to put up an occasional guest. Here is HOUSE & GARDEN's advice to them (see plan B): buy a Simmons studio couch that opens out into a double bed. Place it in the near corner to make space for an L-shaped shelf with built-in drafting board whose oblique angle will minimize the room's narrowness. Under this shelf, side by side, fit the pair of chests to form an efficient dressing table with the addition of a wall mirror. Lastly, use a standard filing cabinet as a sofa end table which will hold work papers and keep the room ready for 24-hour duty. For other space-saving beds which can help you to solve parallel problems, turn to page 110.

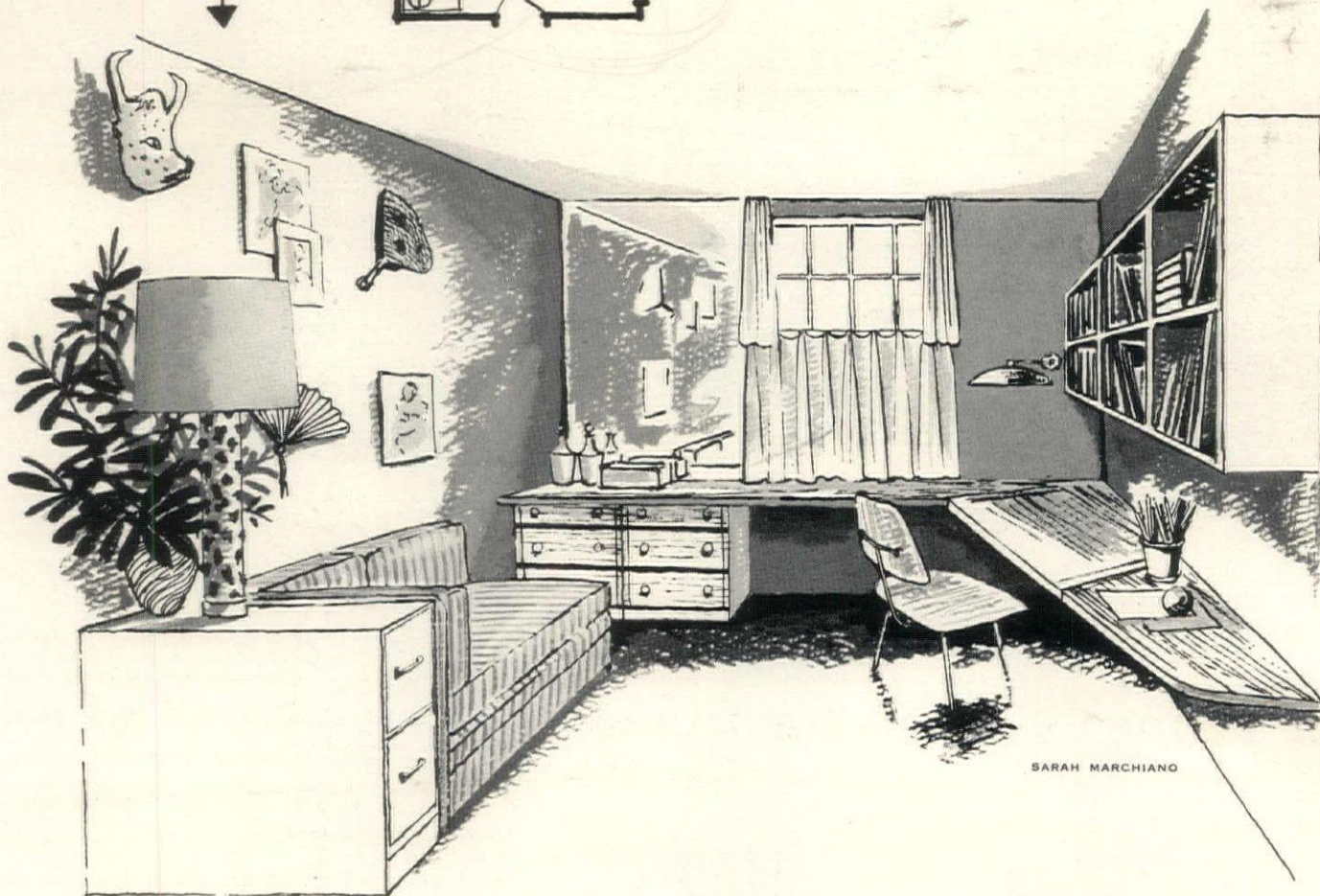


THE SPARE ROOM, little used today

Solution →



THE SIMMONS STUDIO COUCH opens out into a full-size double bed, is available in a solid-color bouclé for about \$190.



SARAH MARCHIANO

A 24-HOUR-DUTY ROOM. Covered in La France's "Satin Stripe," the studio couch costs about \$240. Mr. Olson, who is expert at home carpentry, can build the shelf himself. The swing-arm Hansen lamp costs \$38, lights the new dressing table formed by the twin chests and drafting board. African-inspired mask was designed by Mrs. Olson.

# House & Garden's Travelog

A DIRECTORY OF FINE HOTELS AND RESORTS

FOR FURTHER INFORMATION ABOUT THESE LISTINGS WRITE TO HOUSE & GARDEN'S TRAVELOG, 420 LEXINGTON AVE., N. Y. 17

## ARIZONA

### TUCSON

**Santa Rita Hotel.** 250 rms. Tucson's Social Center; Western Hosp. & Atmosphere. Superb cuisine; famous Dance Bands, Polo, Golf, Nick Hall, Mgr.

## ARKANSAS

### HOT SPRINGS



**Arlington Hotel & Baths**

Come and rejuvenate at America's most popular spa. Complete bathhouse facilities. Curative hot waters owned and recommended by the U. S. Gov't for arthritis, high blood pressure, heart disorders, etc. Golf, riding, scenic highways. Zestful climate of the pine-clad Ozark foothills. Cuisine for epicures. Illustrated folder, W. E. Chester, Gen. Mgr.

## CALIFORNIA

### LOS ANGELES

**Chapman Park Hotel & Bungalow.** On Wilshire Blvd. Private pool, gardens, entertainment. Bride and Groom Broadcast. Famous Zephyr Room.

## CONNECTICUT

### CANDLEWOOD LAKE, DANBURY

**Wildman's Landing Lodge.** Ideal for Honeymoon. Picturesque setting. Charming accommodations. Sports. Bklt., write or call Danbury 8-0840.

## FLORIDA

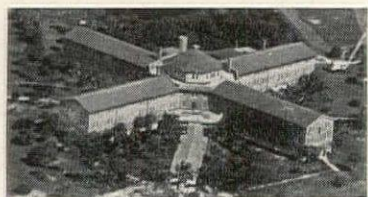
### BELLEAIR



**The Belleview-Biltmore**

A complete resort hotel with distinct club atmosphere. Beach & Cabana club. Pool and Surf bathing. Championship golf course, tennis, fishing cruisers, dancing nightly. American Plan, \$12 and up Per Person Daily. For Reservations or Brochure, write Don Church, Mgr., The Belleview-Biltmore, Belleair, Florida.

### BOCA GRANDE



**Boca Grande Hotel & Club**

On Gulf of Mexico. Fireproof. Offers utmost in modern, restful surroundings. Rooms in hotel with private tile bath & shower. Superb cuisine. Private beach, Golf, Fishing. Rates: Hotel \$30; Club \$24; two persons, daily & up. Amer. Plan. Distinguished clientele. J. Spadaro, Owner-Gen. Mgr. Tel. 4251 or N. Y. Off. 51 E. 42. MU 2-3341.

## Canadian Wonderland

**A**BOUT the time the Pilgrims were busy establishing Plymouth Rock as an American shrine, the first French colonists were roaming the St. Lawrence and cutting the first settlements out of the Canadian wilderness.

Joined by a never-ending ribbon of over 125,000 miles of land-surfaced roads, and many more miles of improved roads, are Canada's unique cities . . . Charlottetown on Prince Edward Island, the cradle of Canada's confederation; walled Quebec, with its steep, crooked streets and massive battlements; or Montreal, the largest French-speaking city outside of Paris, and Victoria which is reputed to be more English than any British town.

Winter sports have steadily grown and flourished and with the falling of the first delicate white flakes each winter, Montreal and Quebec pulse with a renewed vigor as they take their place as winter sports centers. Dozens of ski-trains and many miles of ice- and snow-free Laurentian highways transport gay, sports-hungry vacationists to the cozy ski lodges and modern hotels that are tucked away throughout this vast winter vacation area. Within easy reach in this Canadian Wonderland.

## FLORIDA

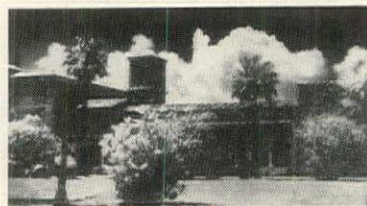
### DELRAY BEACH

**The Colony**—18 mi. south of Palm Beach. Superb cuisine. Surf bathing, golf, tennis, fishing. In Summer, Kennebunkport, Me., Geo. M. Boughton, Pres.

### FORT LAUDERDALE

**Sea Isle Apartments.** New, luxuriously furnished. 300 feet to ocean. On famed Lauderdale Beach. Steam Heat—Shuffleboard. Bklt.: 3003 Viramar St.

### MELBOURNE



**Trade Winds Club**

The sort of place you hope to find but seldom discover. A winter paradise in an incomparable climate. A beautiful Club offering American Plan accommodations to a discriminating clientele—fireproof and beautifully appointed. A vast stretch of glorious beach, sea bathing, fishing, golf, tennis . . . splendid Beach Club.

### MIAMI

**The Columbus.** Right in the middle of everything! Miami's finest bayfront hotel—17 floors of luxurious living. Spectacular bay, ocean views. Booklet.

**Dallas Park Hotel-Apartments.** Fully equipped 1 to 4 rooms, electric refrigeration, kitchenettes, steam heat. Heart of Miami. Michael B. Whelan, Mgr.

**The Venetian.** Closest Miami hotel to ocean beaches. Central to all attractions. C. A. Crawford, Mgr., Biscayne Bay at 15th St.

### MIAMI BEACH

**The Good.** Ocean at 43rd St. Private beach, cabanas. Superior food. Same ownership as Shoremede. Conservative. Reservations: G. S. Pickard, Mgr.

**The Sea View.** New, 14 floors, ocean front, pool, cabanas. "North Beach"—exclusive Bal Harbour Village. Illustrated color brochure.

**The Shoremede**—Oceanfront, "North Beach." New pool, cabanas. New ownership, same as Hotel Good. No change in policies. Reservations advised.

## FLORIDA

### MIAMI BEACH



**Marine Terrace Hotel**

Located directly on the Ocean Front and 27th Street. A Honeymooners' Paradise. Intimate, Refined, Homelike. An ideal year 'round vacation spot. Large Private Beach. Excellent Cuisine. All rooms with bath and shower. Definite Reservations are necessary. American Plan only.

### PALM BEACH



**The Palm Beach Ambassador**

New this year. Only apartment hotel on Ocean beach. Also on Lake Worth. Waterfront view from every room. Suites with 1, 2 or 3 bedrooms, foyer, living room, dining alcove, kitchen, bath. Garage. The ultimate in luxury. Travel agents or write John M. Duff, Jr., Mng. Dir., 3400 S. Ocean Blvd., Palm Beach, Fla.

### ST. AUGUSTINE

**The Monson.** Fine small hotel. Good food & Service. Low Amer. plan rate to weekly or season guests. Interesting winter community. Golf. Folder.

### ST. PETERSBURG

**The Vinoy Park Hotel.** Largest, finest on West Coast. 375 rms. Faces Tampa Bay. Gulf Beach Club. Refs. exch. Sterling B. Bottoms, Mgr.-Dir.

## FLORIDA

### ST. PETERSBURG



**The Huntington**

A Resort Hotel of Merit—in beautiful surroundings, tropical gardens, patios, citrus grove. Broad, sunny verandahs . . . lounges . . . distinctly superior cuisine. Choice residential location close to every activity and interest. Open until May. Mod. Amer. or Eur. plan. You'll like The Huntington and its real Southern hospitality. Pleasing rates. Booklet, Paul B. Barnes, Mgr.

### SARASOTA

**Orange Blossom Hotel**—Smartest on Florida's Gulf Coast. Superb location. New lobby, air-cond. dining rm., cocktail lounge. J. B. Rountree, Mgr.

## ILLINOIS

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**Hotel Moraine**

Hotel Moraine on beautiful Lake Michigan offers you a pleasant combination of recreational activities and restful informality. Fourteen acres of picturesque ravine woodland and two hundred and fifty rooms of graceful Georgian architecture. An ideal Sanctum for Honeymooners. European Plan.

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**Marlborough-Blenheim.** On the Boardwalk. A famous resort hotel. Distinguished clientele. Sun decks. Enclosed solaria. Sea water baths.

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### CARLSBAD

**La Caverna Hotel.** Avoid winter's worries. Enjoy the New Mexican sunshine. When in New Mexico stay here—the visitor's hdqrs. for Carlsbad Caverns.

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**Mirror Lake Inn & Lakeside Cottages.** Colonial resort, homelike, restful atmosphere. Skiing, hunting in season, '49 world bobsled competition.

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**Barbizon Plaza.** Midtown, overlooking Central Pk. 6 Ave. 58 St., near Radio City, theatres, shops. Choice rms. from \$3.50 sgl. \$6.50 dbl. Bklt. HG.

## SOUTH CAROLINA

### CHARLESTON

**Villa Margherita.** For gracious vacation living in lovely, intriguing old Charleston. Accommodations for 100. Amer. Plan, \$10. up. Nov. 15-May 15.



TEXAS

HARLINGEN

**Madison Hotel.** Luxurious vacation in tropical Rio Grande Valley. Non-mountain route to Mexico City. Sunshine, flowers, dancing, sports. Free folder.

HUNT

**Waldemar Guest Ranch.** 11th yr. 85 mi. W. San Antonio. Riding. Everything for fun and relaxation. Fine food. Ltd. 40 Res. Season Jan.-Apr. Bklt.

BERMUDA

HAMILTON



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Traditionally Bermuda's smartest vacation haven, overlooking Hamilton Harbor, secluded, yet 3 minutes from shopping center. Completely re-decorated by Britain's leading firms. All sports, heated salt water pool. Opening Feb. 1. Robert D. Blackman, Gen. Mgr. U.S. Rep.: Wm. P. Wolfe—NYC, Philadelphia, Chicago, Toronto. Also—the Fort Montagu Beach, Nassau.

CANADA

QUEBEC, P.Q.



Winter—Wonderful Québec

In winter lovely Québec, holiday at the baronial Château Frontenac. The service is unsurpassed . . . the hospitality, heart-warming. Bus service to Lac Beauport and Valcartier ski slopes for guests of the Château Frontenac. Quaint shops . . . historic and religious shrines. Reservations: See your Canadian Pacific Agent, or write the Hotel Manager.

Laurentian Mountains

LAC TREMBLANT, P.Q.

**Manoir Pinoteau.** At the foot of majestic Mont Tremblant, highest peak of the Laurentians. Ski lifts. De luxe accommodations. Bklt. Dept. K.

PIEDMONT, P.Q.

**Mont Gabriel Club.** A mountain top luxury ski resort. Open slopes and trails. Alpine Lift. 3 new rope tows. Hans Falkner Ski School.

STE. AGATHE DES MONTS, P.Q.

**Laurentide Inn.** 60 mi. north of Montreal. Numerous open slopes at door. 6 tows. \$8 to \$11 daily. meals included. Booklet.

JAMAICA, B. W. I.

MONTEGO BAY

**Beach View & cottages,** directly opposite Doctor's Cave bathing beach. Pvt. balconies all rooms. Cocktail bar. Ellis Edwards, Mgr.

**Casa Blanca.** Ocean front, adjoining beach. Balcony suites, cottages, Orchestra, dancing on terrace overhanging sea. Discriminating clientele.

**Coral Cliff.** 21 rooms with baths. Facing sea, close to beach. Moderate rates. Owned, managed by Casa Blanca. Leyson Emen, Mgr.

**The Fairfield Hotel & Country Club.** Unique location, overlooking town & bay. Bathing, tennis, golf, riding, polo, racing.

**Gloucester House.** Small, select. Opposite Doctor's Cave bathing beach. Comfortable, spacious rooms with baths. Cool verandahs, cocktail lounge.

**Good Hope.** Falmouth P. O. All-inclusive rate covers everything from beach and horses to cocktails. Fine winter living, amongst fine people.

**Richmond Hill Inn.** Old colonial "great house". Detached cottages, delightful location overlooking bay. Free transportation to beach.

**Tryall.** Sandy Bay P. O. Charming house & tropical gardens. Pvt. beach, tennis, golf, riding (dude ranch style). Secluded, restful.

PLANNING YOUR GARAGE

continued from page 83

garage, at a distance from the house, is usually inconvenient though some sites dictate this arrangement. Located near the highway, with the house back from the main road, it may save driveway and maintenance expense but trudging between house and garage in bad weather is seldom fun. Corner lots give you more location choices. A garage at the rear of a corner lot can be easily accessible from a side street. This is not possible on an inside lot.

**HOW TO PLAN IT:** The cubic foot cost of garage construction is only about half that of the house. So it is a good idea to make this less costly space large enough to store cars efficiently and other things as well. You can use it for workshop, hobby room, gardener's bench, and extra storage.

The absolute minimum inside space to hold a single small or medium size car is 9½ to 10 feet wide by 18½ to 19 feet long. This will give you some clearance at the front, back and side of the car, and let you open car doors satisfactorily at one side. For larger cars you need 10½ to 11 foot width, 22 foot length. You would have to add 2 to 3 feet at sides or back of the garage to build in storage cabinets, work bench and other conveniences.

A two-car garage is the best bet for most households. It should be at least 19 to 20 feet wide inside by 22 feet long to take standard cars and give you enough space to avoid bumping walls and car and to get yourself in and out of the car comfortably. To include storage units and other desirable features, you must make these inside dimensions larger. Automobiles are less than 6 feet high, so a 7½ to 8 foot ceiling is feasible.

We should like to make a special plea for better looking garages, inside and outside. They need not be the catchalls they so often are. With the kind of specifically organized storage we show on page 82, they can be neat in appearance and easy to keep in order. Garden tools and paraphernalia may be kept in cabinets and closets sized to their exact measure. In this way valuable power mowers and other electrical equipment are better protected. And rakes, hoes, fertilizers, lawn roller, baskets, hose, etc., which litter up the garage so hopelessly are easier to find and to care for. Outdoor furniture, awnings, screens, storm sash, ladders may be safely and inconspicuously stowed away when not in use if they have their own spots. Bicycles, scooters, sleds, skates can be somewhere other than underfoot (and are more likely to be put away) if there is special, marked storage space for them. And there may be special bins set aside for the old magazines you won't throw away, for paints, repair and upkeep equipment. All these things, and many more you have to store, will take up less room in cabinets designed to fit them than you will believe possible if you are accustomed to see them scattered about in the garage.

The exterior of the garage can take considerable improvement, too. If

the garage is in the most convenient location—the front of the house and facing the street—the wide expanse of a blank single or double door can be unattractive and spoil the appearance of the whole house, especially if the door is left open all day. But if the garage roof is extended over it, if trellis, plant beds, and other devices are used to frame a recess of several feet in front of the door, it can be an architectural asset. As our sketch at the top of page 83 shows, this added space can also connect garage to house under cover. There are many good treatments possible which make a feature of the garage front and give it interesting texture and scale with wood and masonry materials.

**WHAT TO PUT IN IT:** Equipment today looks after mechanical problems of your garage with small demand on you. Operation of the door, the lighting, even clearing the drive of snow, can be automatic if you wish. Ready-made doors, and the hardware which operates them, have been improved particularly. Overhead doors, in wide use, are raised to the garage ceiling, manually, in a single movement. There is no need to open, or hold open, two swinging doors to get your car in or out. In wintertime it is less of a problem to shovel snow away from the door to open it. You operate such doors from outside or inside with little more than a turn of the handle or slight lift because the hardware that controls it does the work for you no matter how heavy the door. Such hardware can be applied economically to old garage doors of different sizes as well as to new stock or custom ones. Lightweight metal doors, as well as wood ones, are among the attractive new, weathertight, ready-made designs available.

Automatic operation of the garage door can be controlled from your car. You press a button on your dashboard and the door opens or closes itself. Lights in the garage may be turned on or off as well. No car but yours can control the door because the sending mechanism in your car and the receiving mechanism on the door are tuned to one radio frequency. There are several types of such automatic controls. The radio control just described has a receiving coil located in the driveway over which your car must pass. Another works by electronic impulse within 85 feet of the garage door. Others use a switch beside the drive which the car driver operates from his seat. Still another has an electric eye arrangement.

Hot water or steam pipes installed in your driveway will end forever the chore of shoveling snow or removing ice from it. They can be laid in a solid slab of concrete or in a driveway made up of two narrow tracks for the car to pass over. Such a snow-melting and de-icing system can usually be connected to the regular hot water or steam heating system of your house. Unless your outside driveway is very large your heating plant should take care of it too. Or you can install a separate heating coil for the snow-melting job.

\* Vacation \*  
in  
Sparkling  
Sunshine!

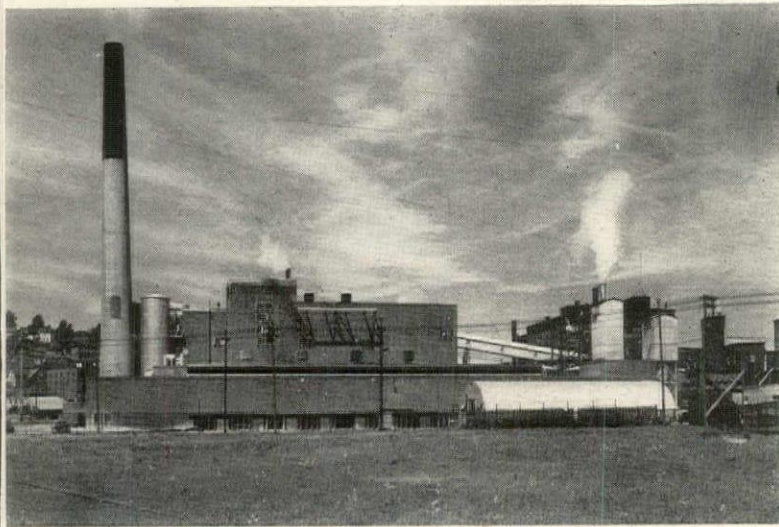
**Sun Valley**  
IDAHO

Enjoy a holiday bright from the beginning! Sun Valley, where winter welcomes you in all its gay, sparkling splendor. Superb skiing...skating...warm-water swimming... dancing and evening entertainment spell joy of living in the Sun Valley manner.

*Make your reservations early!*

For complete information, address: W. P. Rogers, Gen'l Mgr., Sun Valley, Idaho, or Union Pacific Railroad, Room 1295, Omaha 2, Nebr., or see any local travel agent.

## NEW HAMPSHIRE PRODUCTS



## BROWN COMPANY

Almost a century ago, Brown Company of Berlin began as a sawmill on the banks of the Androscoggin River. In 1888, the firm built its first pulp mill and four years later its first paper mill. The concern, northern New Hampshire's largest industry, maintains an extremely active research department, whose efforts, combined with the technical "know how" of the production departments, contributes much to the excellence of the company's products. Brown Company is noted for sulphate and sulphite pulps, papers, Nibroc paper towels, a leather substitute known as Onco, and Solka-Floc, a filler used in the manufacture of plastics, rubber products, and adhesives.



*Because we are interested in the promotion and protection of all quality New Hampshire products, we are pleased to recognize one of the leaders.*



## NEW HAMPSHIRE

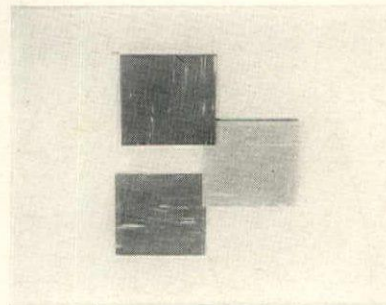
FIRE INSURANCE COMPANY  
Manchester, New Hampshire

## GRANITE STATE

FIRE INSURANCE CO.  
Portsmouth, New Hampshire

## MECHANICS OF LIVING

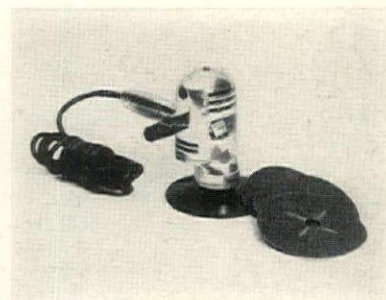
You'll have a more carefree, more comfortable house with these new products, ranging from plastic flooring to a panel heater



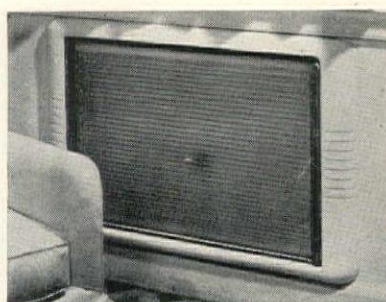
PLASTILE is a floor tile of vinyl plastic inseparably bonded to resin-impregnated cork. Composition makes it resilient and quiet to tread. Non-porous surface resists dirt or grease absorption and is easily cleaned. Made in individual tiles and in sheet form  $\frac{3}{16}$  inches thick, it is available in a wide range of solid colors or marbled patterns. U. S. Stoneware Company, Akron, Ohio.



KRYLON is a water-clear plastic spray you apply as protective coating. It helps surfaces resist water, acids, oils, grease, alcohol. Use it on brass, chrome, copper, book bindings, jewelry, parts of cars and boats and countless other objects. Seals against air, dirt, moisture, resists rust, tarnish, corrosion. 12-oz. can is sprayer. \$2.95. Foster and Kester Co., N. Broad St., Philadelphia, Pa.



ELECTRIC HAND TOOL polishes furniture, car, linoleum; removes old paint, rust; sands floors; sharpens garden tool blades; bores wood; drills metal; grinds glass. Basically a grinding and polishing tool, optional equipment converts it to buff polisher, a drill, paint mixer, stone and metal cutter. Other attachments too. \$44.50, Porter-Cable Machine Co., Syracuse, N. Y.



RADIANT GLASS HEAT PANEL is  $\frac{3}{4}$ "-thick sheet of tempered glass (in aluminum frame) with aluminum alloy grid. Glass radiates heat when electrically connected grid is switched on. Thermostats give individual control in each room. Panel needs no pipes, heating plant. 220-volt panel, \$45; thermostat, \$22.50. Continental Radiant Glass Heat Corp., 521 5th Ave., N. Y. C.





## SHASTA

*A new pea of exquisite quality*

You'll probably find Shasta the most completely satisfactory garden pea you have ever grown. That is our own opinion of it, and we ought to know peas as one of our seven plant-breeding stations works on nothing else and our pea seed crops cover 50,000 acres of the west. Shasta plants are of medium height, wilt-resistant and very prolific; the peas rate highest in sweetness and texture — delicious either fresh from your garden or freezer. We are proud of Shasta, one of our best introductions since we began in 1856, and we know you will enjoy it.

*Get Shasta seed from your dealer*

**ASGROW SEEDS**

Associated Seed Growers Inc.  
New Haven 2, Conn.

**SOW**



**SEEDS**

# CALENDAR OF PERENNIALS

continued from page 33

must be grown from divisions to be true, it takes time to build up a stock. Among the best new sorts available in fair quantity is Crimson Giant, a vivid single often four feet in size. Helen is the best double pink we have tried. A glorious blend is the silver-double Rose Mist, a carmine and silver dusted beauty. All these are hardy.

A plant for every garden is *Lythrum* Morden's Pink. By far the best loose-strife, it stands sun or shade and may attain four-foot spikes of a lovely rose-pink. It does not seed or root all over the garden, either. Truly showy, it blooms till fall if old spikes are kept removed.

Purely for shade is the dainty *Dicentra formosa* Sweetheart. Its typical sprays of pure white bloom till frost on a plant a foot and a half or less in height. Divide it every third spring and don't let it get too dry; peat may be added to its soil. A new favorite will be the hardy *Penstemon* Rose Elf, a three-foot version of the lanky *P. barbatus*, bearing spikes of clear rose from June to August. Glossy foliage adds to its charm.

Just a few words about *Geum*, the lovely avens of the strawberry tribe. The richly colored sprays, usually two feet above interesting large leaves, are admired by all, but many gardeners lose their plants every year. If that has been your experience, try Dolly North, orange-yellow; Princess Juliana, yellow; Fire Opal, tawny orange; or Wilton Ruby, dark red. These will stay with you and bloom over a long period.

Dark blue spikes from July until frost appear on *Veronica* Blue Peter, a stocky 18-inch form of *V. spicata*. A hybrid of *V. spicata* and the late blooming, dark blue *V. subsessilis* is the new Blue Champion. A sturdy two-and-a-half-foot plant, it blooms both before and after *V. subsessilis*, from July to October, bearing clear blue flowers on long spikes.

Iris and poppies may need a specialist to appraise them properly. To us, iris Great Lakes is a beautiful light blue and the Curtis Giant poppies have a promising future. Lilies also have marvelous new hybrids coming on, especially from Oregon. However, we should mention the Creelman strain of *Lilium regale* for its later bloom, huge flowers and notable petal texture. *L. centigale*, a more slender flower than *regale*, also has fine, leathery petals. A truly hardy *Scabiosa* from Vermont is the Blue Snowflake pincushion, light blue, long in bloom. Since it will not come true from seed, it will never be over-abundant. Another partial shade lover, *Astilbe fanal*, has a glowing red spike 18 inches long. The feathery plumes are magnificent in rich moist soils.

Along about July the old hardy *Platycodon*, or balloon-flower, starts its long season. You can now have it in double flowers almost like gardenias, true to color, in white, shell pink, blue and lavender. Perhaps Bristol Belle, the double lavender, will be the most popular of this trouble-free group. Shasta daisies have always been popular, but it seems as if

the more ever-blooming and double they become, the more their hardiness leaves them. Now available, to some extent, is *Shasta aglaya*, a large, long-stemmed, fluffy hybrid of the almost full double Marconi type. It has wintered successfully even north of Rochester, New York.

The vigorous old coneflower, *Rudbeckia* Golden Glow, which casts its six-inch stems of shaggy yellow over most American farmyards, now has a more refined offspring, Golden Globe. The flowers of the latter are more symmetrical, but it will probably be just as invasive. It should prove useful for semi-wild plantings. A non-weedy *Rudbeckia* is Bright Star, a superior coral-crimson daisy of good size.

Phlox is a summer standby, and the new rich red Charles Curtis promises to become popular. But be sure you get the true variety, as some nurseries are unwittingly selling Spitfire under that name. Spitfire, also sold as Frau Anton von Mauntner, Orange Beauty and Free Netherlands, is also splendid. It is a glorious, non-fading salmon-orange, but hardly the sunset-red of Charles Curtis. Purple Heart is a rich, velvety purple phlox, effective in combinations with yellow. Pinkette is a very light pink that is finding increased favor. From Holland comes Mies Copijn, light pink with a red eye. As yet it has not been re-named for American trade.

While not altogether new, *Echinops* Taplow Blue, a fine new globe thistle, is still rare in gardens. Its large, round flower is bluer and is generally better for cutting or drying than the older forms.

Toward autumn, we see the sneezeweed, *Helenium* Sunburst, as a good clean yellow, only two-and-a-half-foot tall. Among the new asters we have notably the British group: Peace, a large silvery rose; Plenty, a lovely large light blue; Prosperity, the third member, an undecided pinkish lavender of doubtful beauty and no special merit. A nice dwarf which seldom grows over 18 inches tall is Little Red Boy, about as clear a red as the genus boasts. Very late in the season is Blue Cloud, a medium blue, usually not in bloom until October 15, but frost-hardy.

It was a privilege to see the new anemone, Kriemhilde, last October. It is a beautiful blend of creamy pearl-pink, and a lusty grower. The stems were the thickest ever seen on an anemone in this section, and lend character to the plant.

The season usually closes with chrysanthemums, which are now ready in great variety. One of the best is Carnival, a huge double, almost orange in color. Tapestry, also very large, is a pink ashes-of-roses blend, in bloom September 15. The sensational Golden Carpet, a veritable rug of golden pompons, is almost a crawling variety. Pepita is a busy button pompon, opening eggshell yellow, and ending pure white, with a startling red eye. For cushion chrysanthemum lovers, Red Cloud, with two-and-a-half-inch flowers of velvety crimson-scarlet, looks very promising.

## 3 Armstrong originated

### All-America Roses

for only \$5.90  
postpaid at correct planting time

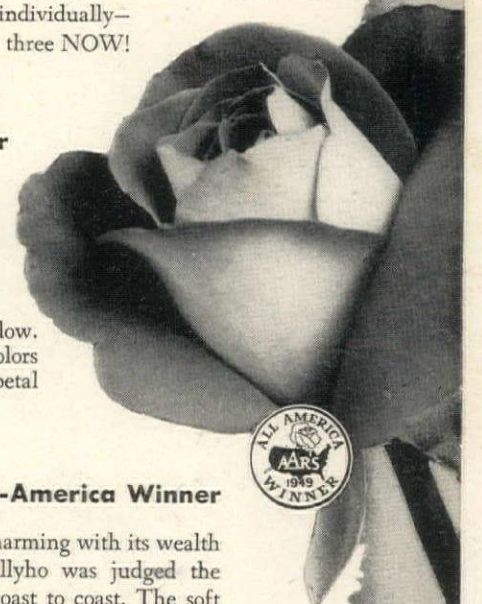
including the only two  
**1949 ALL-AMERICA WINNERS**

One plant each of these prize-winning roses would cost \$7.00 if purchased individually—you save \$1.10 by ordering all three NOW!

### Forty-niner

1949 All-America Winner

There's a thrill in store for you when you see the first flower of this spectacular new bi-color in your garden. Startlingly brilliant in its contrast, the inside of the petals is a vivid Red, while outside they are Chrome to Straw Yellow. Blending beautifully, the vivid colors retain their richness until the last petal falls. \$2.50 each... 3 for \$6.30.



### Tallyho

1949 All-America Winner

New in its unique coloring, yet charming with its wealth of old-fashioned fragrance... Tallyho was judged the finest for 1949 by experts from coast to coast. The soft pink of the inside of the petals blends pleasingly with the deep Cardinal Red of the outside. Long, tight buds open slowly into large full blooms. An easy-to-grow plant. \$2.50 each... 3 for \$6.30.



### Taffeta

1948 All-America Winner

The delicately blended pastel hues of Taffeta range from red through salmon to a delightful peach tone. Perfect buds on long stems, great vigor of the plant and outstanding success in gardens everywhere made Taffeta the outstanding new rose of 1948. \$2.00 each... 3 for \$5.10.



Leading Rose Dealers  
Sell Armstrong Roses

Full Color Catalog... FREE

Just check the handy coupon or write for your FREE 1949 Rose Catalog.

Order Now... quantities are limited... send in your order today. We will reserve plants for you and ship postpaid to you at the correct planting time, with complete instructions for planting.

## Armstrong Nurseries

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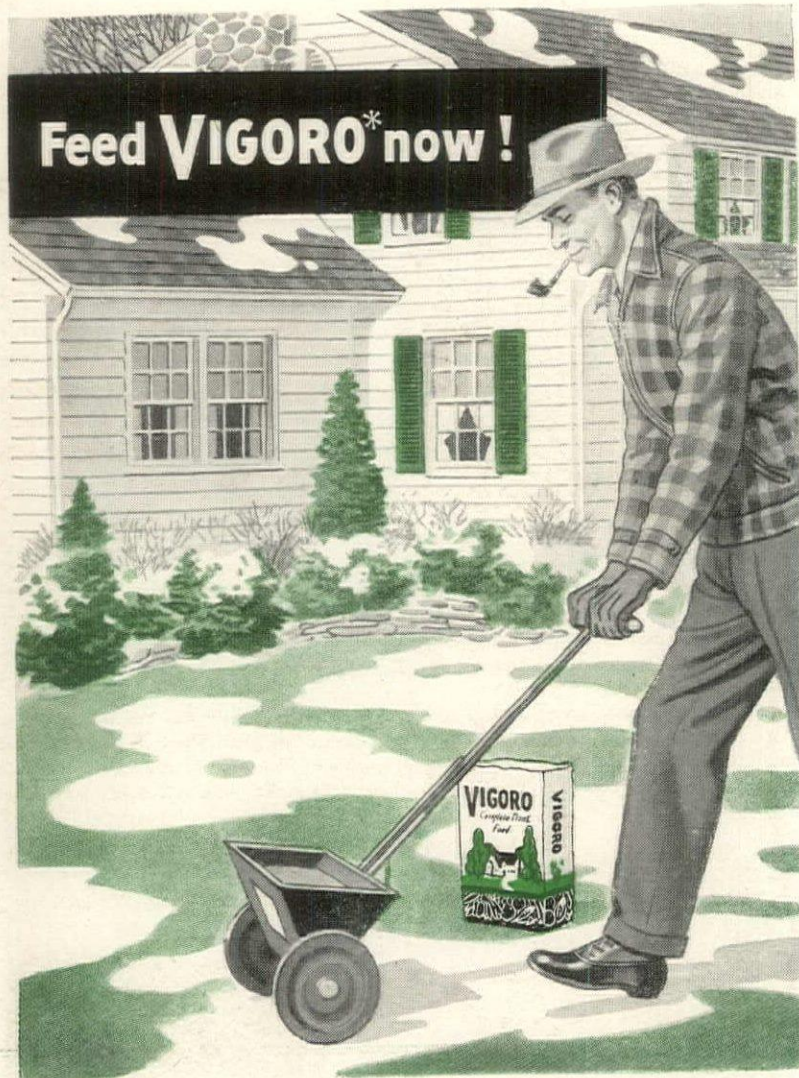
I enclose check or money order (no C.O.D.'s, please). Send me, at correct planting time for my area, the following:

- Special All-America offer... one each of Forty-niner, Tallyho and Taffeta @ \$5.90
- Forty-niner @ \$2.50 each - 3 for \$6.30
- Tallyho @ \$2.50 each - 3 for \$6.30
- Taffeta @ \$2.00 each - 3 for \$5.10
- FREE 1949 Rose Catalog

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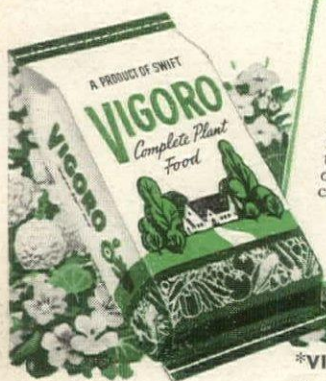
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\*VIGORO is the trade-mark for Swift & Company's complete, balanced plant food.

## ADVENTUROUS GARDENER

continued from page 40

Indian Spring, which came in clear rose only. Indian Summer is a mixture. It blooms in reasonable profusion on a plant five feet tall.

Another near-casualty of the war was *Lilium philippinense* Snow Drift. Like the familiar *Lilium philippinense* (now called *L. Formosanum* by the botanists), it is easy to grow from seed. Good blooms can be expected in 10 months. It is August-flowering. The color is much whiter than the parent, and as many as 12 long white trumpets are borne on a single stem. The individual flowers are about six inches long. A lily that can be grown from seed solves the problem of disease control. In most areas, the common tiger lily plays Typhoid Mary and infects all other members of its family with mosaic, though the tiger lily itself is resistant. Lilies from seed do not have mosaic, and if they become infected later, can easily be replaced by a new crop from seed.

*Mirabilis uniflora* may not be a new flower, but rates as a novelty because only a few botanists know it. The flowers are "hose in hose" and are unlike the usual four o'clock bloom. Perhaps "trumpet-in-trumpet" would describe them more accurately since they are long and slender. The color is a bright rose.

Another plant from the wilds, new to all but the botanist, is the sunflower Silver Gold. Under ordinary cultiva-

tion its height is six to seven feet. Its leaves are covered with a whitish down or silvery pubescence. The individual blooms are four to five inches across, and, surprisingly enough, make excellent cut flowers. I recommend this wherever a tall background plant is needed.

A Scotsman in California has perfected a super large-flowered Scotch viola. In size, quality and color range, it is superb. Violas should be more widely grown; they keep blooming under conditions where pansies stop flowering. With this large-flowered strain you can get the same effect as with pansies, plus longer blooming.

*Phlox gigantea* Mellow Moon is a lovely thing. The color is that soft shade of primrose yellow which seems to blend with everything, even magenta. Plants are 15 to 18 inches tall, and the individual florets between one and a quarter and one and a half inches.

Offered by one firm in 1948, petunia Fringed White Mound is still new enough to deserve special mention. This is a compact, strong-growing plant that never looks shabby. It is an excellent bedder, destined to supersede all other white petunias for this purpose.

Another petunia of distinction is Silver Medal, named for the silver medal it won in the All America trials. The color is unusual: salmon pink with  
(Continued on page 93)

## GARDEN GUIDE

Here is a list of some of the things to be found in the new 1948 Short Guide of Kelsey Nursery Service. Copy free on request (except 25¢ west of Iowa). Will be ready in late February—but write NOW!

### AZALEAS

70 Choice Varieties—mostly in small expensive sizes. Both evergreen and deciduous. Gable's Hybrid Azaleas—a new race of real hardy kinds. Sensational colors never before in really hardy plants. 3 year olds, 5 assorted, 8 to 12 in. \$8.50. Hinocrimson Azalea—Much improved, hardier Hindogiri—sensational! 8 to 10 in. B.&B., 2 for \$7.00.

### BLUEBERRIES

10 New Giant Blueberries—bearing 4 year-old (bearing age) now 1½ feet high, assorted named varieties, our selection, but all good. \$10.00.

### EVERGREENS

Kelsey Berrygreen Yew—dark green evergreen rather dwarf, bushy. 18 inch B.&B. plant for \$6.00.

Japanese Yew—upright "Capitata" form. By the hundred and by the thousand. Smallest size as low as 40¢ each in quantities.

Dwarf Evergreens—mostly grafted, rare and interesting shapes. Will never grow out of place in foundation plantings.

Yew Hedge—set 18 inches apart. 25 Upright Hardy Yew will make 37 feet of insect-free hedge that takes care of itself. Plants now 15 to 18 inches high; twice transplanted, sturdy, 25 for \$32.50.

3 New Pyramidal Yews—Result of years of work, hardy yews (new 1946) narrower than Irish yew! New shapes, new colors.

### FLOWERING TREES

Franklinia, the only tree that blooms in fall. Sizes from \$3.50 and up. Also Double-flowering cherries, Chinese Crabs, Magnolias, Tree Lilac, Tree Azalea, etc.

Rare Dogwood Varieties—not just the white-flowering but pink as well. Also Double-flowering (like white roses); also a form with yellow berries that the birds leave on a little longer than ordinary red berries.

### FLOWERING VINES

A Wisteria that Really Blooms!—New Wisteria praecox blooms at half the age of other named sorts. Long blue clusters, vigorous grower. Also named Japanese forms, Chinese, etc. Better sorts of Clematis, Climbing Roses, Bignonia, etc.

### FRUIT TREES

Standard Size Trees—Honesty grown, healthy, absolutely true to name. Top size two-year olds as well as older; low prices. All the best varieties.

Dwarf Fruits—All varieties, from \$2.00 up. They can be pruned, sprayed or picked without ladders. Groups should be selected for proper pollination, and we offer a suggested minimum selection of six: 2 Apples (Wealthy and McIntosh), 2 Pears (Clapp Favorite and Bartlett), 1 Plum (German prune), 1 Peach (Elberta). All 6 are 2-year size, fruit possible next fall, for \$23.00.

Older, fruiting age, we have a 3-year-old size in all but the peach. We offer five plants: 2 apples, 2 pears and 1 plum as above—for \$31.50.

You may add additional varieties to the above collection, which take care of all basic pollinating at the rate of \$3.75 for each extra 2-yr. or \$5.25 for each extra 3-year-old.

### GROUND COVERS

Protect your banks from erosion with Vinca minor (heavy clumps \$12.00 per 100). Pachysandra under trees where grass will not grow—\$9.00 per 100. Many others to choose from.

### PEONIES, LILIES, ETC.

Specially prepared lists for the beginner to choose from intelligently—and economically. Don't waste helplessly through thousands of meaningless catalog names. Real help here.

### HARDY PERENNIALS

The best New Kinds (as well as the old). Arranged so you can quickly select and know what you are doing. Priced lower than most for top-quality plants. Aster Frikarti, Verbascum Pink Domino, Astile Fanal, Penstemon Fire Bird, Dianthus Old Spice, Christmas Rose, etc.

### RHODODENDRONS

Rhododendrons for 35 cents!—Native species in the smallest grade (12-15 inches) that can be safely handled with the smallest earth-ball, from 35¢ to 75¢ each, depending on quantity ordered. Heavier grade too: 5 assorted 18 to 24 in. B.&B. \$15.75.

### YOUNG TREES & PLANTS

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## ADVENTUROUS GARDENER

continued from page 92

a rosy sheen. In our trials, the plant showed unusual ability to stand adverse conditions without breaking up or getting leggy.

Calendula Pacific Golden Giant is another plant which has an unusual habit of growth. It branches from the base with long stems arising from the crown. The flowers are uniformly large in an unusual blend of two tones of orange. The combination of large flowers, 30-inch stems and brilliant color would be enough to recommend it. Add to that the fact that this is one calendula which keeps on blooming in spite of summer heat and you have a flower with too many good qualities to pass up. We find that, in the Middle West,

a second planting of calendulas between July 1 and 10 gives us younger plants for fall flowering. These come into bloom about the first week in September. Because the plants are young and vigorous, the quality of bloom is much higher than that from older plants from spring seeding. Also, try disbudding calendulas: they will produce bigger flowers.

The Princess type of aster is relatively new, with quilled ray flowers and a full crested center. With excellent stem length and liberal bloom, this type is valuable both for garden effect and cutting. This year, the introduction of Linda, a clear brilliant rose in this class, further extends its usefulness.

## YOUR PATIO continued

Here is more information on the furniture shown on page 71.

Prices are approximate.

Van Keppel-Green dining table \$66; chairs \$33 each; chaises \$36 each; foot stool \$21; rectangular table \$56; round table \$72, at New Design Inc., New York.

Molla square table, Pittsburgh

Plate Glass top, \$340; dining chair \$70, at Lammert Furniture Company, St. Louis, Missouri.

John B. Salterini sofa \$270; chairs, box cushions with springs \$130 each, Dayton Co., Minneapolis, Minnesota.

Ficks Reed sectional sofa \$165 each section; side chair \$29; nest of three tables \$65, at Paine's of Boston.



# Totty's

## NOVELTY ROSES

EXCLUSIVE INTRODUCTIONS

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## Wayside Gardens



### Horticulture's newest come from Wayside

#### New ROSES

Year after year, garden lovers look to Wayside for the world's finest new introductions. Two superb new "All America Rose Winners for 1949" TALLYHO and FORTY-NINER are worthy selections.

**Tallyho** (illustrated) is a large, lovely pink tearose of exceptional substance—perfectly hardy in any section of the country.

**Forty-Niner**. Brilliant bi-color with the outside of petals a rich chrome-yellow and the inside the vivid orient-red of chinese lacquer.

Among the one hundred and fifty rose offerings listed and colorfully illustrated in Wayside's catalog are many other new introductions and outstanding Rose winners of long proven merit.

#### New PERENNIALS

This year, Wayside has many outstandingly beautiful new offerings... eighteen exciting new perennials, all guaranteed superior quality "Root-strength" plants, available only at Wayside.

**Three New Hardy English Asters.** "Peace", "Plenty" and "Prosperity". These magnificent new Asters produce thousands of flowers fully 2" across in charming pink-lavender, soft blue and rose-pink. Easy to grow anywhere and excellent for cutting.

**Two New Border Pinks.** *Dianthus Evangeline* (soft persian rose) and *Dinah* (deep persian rose with maroon center). Both of these enchanting perennials flower profusely spring and fall. They exude a spicy, clove fragrance and grow 8 to 10 inches tall.

#### New TREES and SHRUBS

**Bronze Leaved Smoke Tree.** (*Rhus Cotinus Rubrifolia*). Handsome bronze tinted foliage with a bronze colored plume giving the illusion of smoke encircling this fine, rare garden shrub.

**Lilac, Esther Staley.** The only truly PINK LILAC. Just a few of these delightful, pure pink Lilacs will be available this spring. Flowers are single, moderately large and bloom in mid-season. Healthy plants with remarkable vigor.

**Lilac, Clarke's Giant.** The largest and best Lilac in existence. Huge clusters of soft gentian-blue flowers attaining a length of 12 inches or more.

#### The new GIANT GAILLARDIA "General George Patton"

The flowers of General George Patton are enormous in size, measuring 4 inches in diameter. The petals are a brilliant, dark red with fluted golden tips. Averaging 3½ feet in height, this exceptional perennial blooms all summer producing 60 or more huge flowers on a single plant. Will grow anywhere, even in poor soil. Illustrated at right.

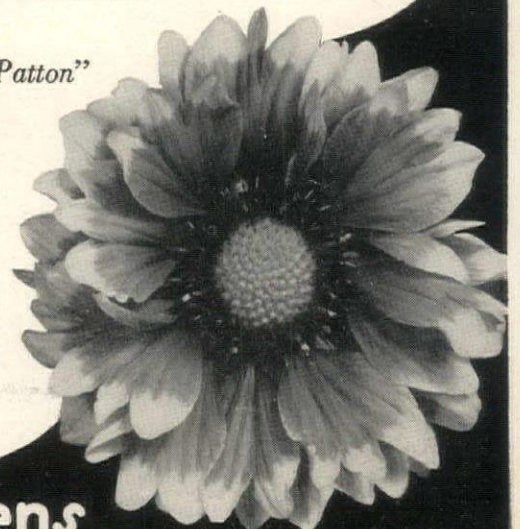
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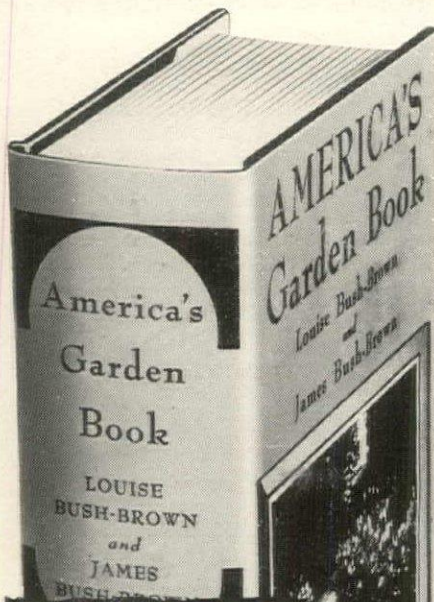
## Wayside Gardens



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- Construction Problems: Grading; drainage, terraces; banks; garden walls, paths, steps, pools; fountains; fences, etc.
- Lawns: New lawns; preparation of soil; seed; poor and shady soils; maintenance; renovation; control of pests, diseases, weeds, etc.
- Vines: Soil preparation; supports; maintenance; annual and perennial vines.
- Trees: Planting mature and young trees; transplanting; fertilizing; watering, spraying, pruning; uses, etc.
- Shrubs: Planting and transplanting; pruning; descriptive list; outstanding shrubs, etc.
- Hedges: Types; planting; care and trimming; list of hedge material.
- Annuals: Exposures and soils; thinning; pinching back; culture; selection; various colors and uses; tabular list.
- Biennials: Selected cultural list of biennials.
- Herbaceous Perennials: Planting the border; propagation; preparation of soil; maintenance; mulches; perennials for various uses, situations, and soils; etc.
- Bulbs, Corms, and Tubers: Spring and summer bulbs; Dahlias; Gladiolus, Irises.
- Lilies: Soil requirements; planting procedure; propagation; lilies of special merit.
- Roses: Design of rose garden; soil requirements; double digging; trenching; fertilizing; planting procedure; pruning; winter protection, etc.
- Rock and Wall Gardens: Rock gardens; design and construction; planting and mulching; constructing the dry wall; shrubs for rock gardens; etc.
- The Woodland Garden: Design; soil; selection of materials; plants; ferns; shrubs.
- Water and Bog Gardens: Water-lilies; plants for bog gardens.
- The Herb Garden: Cultural requirements; harvesting herbs for flavoring, fragrance, etc.
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- PLUS 12 other big chapters on flower pot gardens; the small greenhouse; house plants; culture of plants in nutrient solutions; garden practices; tools and equipment; propagation; plant diseases and pests; misc. pests, rodents, and animals, and ground covers. ALSO a garden calendar, maps, glossary, and a complete 30-page index.

## CRAB APPLES continued from page 34

Planted near this pale pink tree, *M. atrosanguinea* makes a charming picture. It, too, is very free flowering, with deep carmine buds opening into bright pink flowers. Its fruits are not conspicuous. The tea crab apple, *Malus hupehensis*, formerly called *M. theifera*, is unique in habit. Its branches grow upward, giving a rather vase-like effect. The pale-pink-to-white blossoms cover the long wand-like branches. It is not showy in fruit.

Burdened by the name *Malus zumi calocarpa*, and sometimes listed as *M. sieboldi calocarpa*, the red-bud crab apple is little known, which is a pity, for it is a beauty. The tiny deep pink buds open into a million pale stars, and in the fall its branches are hung thickly with clustered deep red apples no bigger than cranberries, which cling to the tree into late winter. These two outstanding seasons of effectiveness make it my favorite among the crab apples. A relative called Bob White holds its yellow fruit even longer. These long-persisting apples retain their attractive appearance for an amazing time and keep open house for the birds. There is such a tree in the flowering apple collection at Swarthmore College where, on many a bitter morning, I have seen a robin or two stuffing down a large breakfast.

The pear-leaved crab apple, *M. prunifolia*, with long, generously arching branches hung with inch-wide crimson fruits, is a fine sight in early fall. Its flowers are white. Like some of the other flowering apples, forms of this

vary, some having yellow fruit. Another tree grown for pretty fruit rather than its bloom is the cutleaf crab apple, *M. toringoides*. Its white flowers open with the later American crabs, and its fruits give an effect of light pinkish red. It is subject to fire blight in some sections.

Among the smaller crab apples is the Arnold, *M. arnoldiana*, with long arching branches covered with large pink and white flowers followed by a plentiful crop of yellow rosy-cheeked fruits the size of smallish cherries. Siebold, with pale pink flowers and red to yellow fruit, is also small. Smallest of all is the Sargent crab apple which only reaches six to eight feet in height, though it may be twice as broad. Its pure white flowers are followed by many small red fruits which are quickly eaten by the birds. Some of the forms in commerce are not the true dwarf.

Among apples too large for the average place are the Siberian crab apple, *Malus baccata*, and its variety *mandshurica*, with large fragrant white flowers, first of all to open. New and smaller varieties in this group are Beauty, narrow in habit, with white flowers and brilliant red fruit, and the pink and white flowered Des Moines, which holds its fine red fruits until spring. The medium-sized white-flowered and crimson-fruited Dolgo crab apple is also related.

The American varieties come into bloom as the Asiatic crab apples are finishing. Their bloom is less abundant, (Continued on page 95)

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**AMERICA'S MOST BEAUTIFUL RED ROSE!**



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## CRAB APPLES continued from page 94

but the individual flowers are larger and finer, and also fragrant. The greenish fruits are not conspicuous. Two varieties of the lovely wild sweet crab apple, *Malus coronaria*, are commonly grown—Charlotte, with double or semi-double pink flowers and Nieuwland, with brighter double blossoms.

The prairie crab apple, *Malus ioensis*, is one of the most beautiful flowering trees of the Middle West, lighting up the edges of woodlands. Its double variety, Bechtel, *M. ioensis plena*, has fragrant flowers like neat little pink roses. This delightful tree has a way of having whole branches die, or of dying completely, after 10 or 15 years of apparent good health, but it is still worth growing in spite of this.

Red-tip is supposed to be a hybrid of the prairie crab apple, *niedzwetzkyana*. It is a charmer, with pink flowers and young leaves tipped red. Flame, a very hardy, slender, upright tree, has pale flowers and loads of bright fruits that seem to indicate an Asiatic strain.

### HOW TO USE THEM

The crab apples can be used in several ways. As small trees for the lawn they cannot be surpassed, and even a small place has room for one or two. They may be used in mixed borders of shrubs and small trees. They may flank a vista into a garden, or be used as points of interest in the garden itself.

The early crab apples open during the last part of April near New York, as the double Japanese cherries are

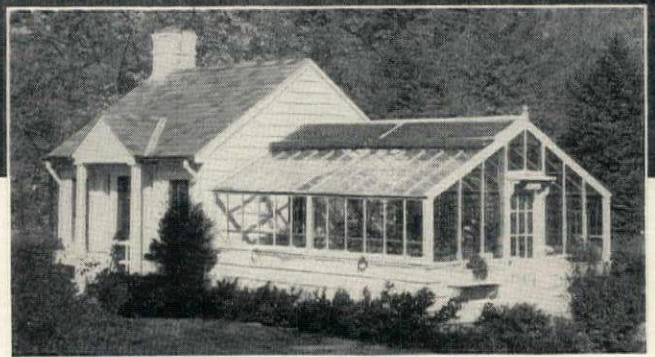
fading, blooming with the late daffodils, with bleeding hearts, early tulips, early dwarf iris, *ajuga*, *Polemonium reptans*, *Viburnum carlesii*, and *Azalea vaseyi* and *A. schlippenbachii*. They combine well with all these, except early tulips in bright scarlet or orange. The late apples bloom with the long-lasting bleeding hearts, late tulips, flowering almonds, dogwoods, lilacs, early deutzias, mertensia and *Phlox divaricata*.

The clear pink crab apples are best kept away from Japanese maples and pink dogwood. Their spring delicacy is eclipsed by the harsh coloring of the maples, and does not harmonize with the salmon pink of the opening dogwoods. They look well with tender young green foliage, and with the dark of evergreens. They are best with clear flower colors. Deep blue-violet, such as comes in some dwarf iris and pansies, is an excellent touch at their feet. Their airy delicacy makes a wonderful contrast with the smoother and more dignified tulips in shades of pink, rose, purple, light yellow and white.

The purple-leaved varieties need lighter companions such as *Malus floribunda* and others with white or pale pink flowers. They should be kept away from forsythia, especially *F. spectabilis*, which is a brassy yellow. Some of the soft-blended breeder tulips look effective with their foliage.

In sunny, airy situations with average good soil and drainage, the crab apples thrive. They may be planted in (Continued on page 96)

## New Solar Greenhouse



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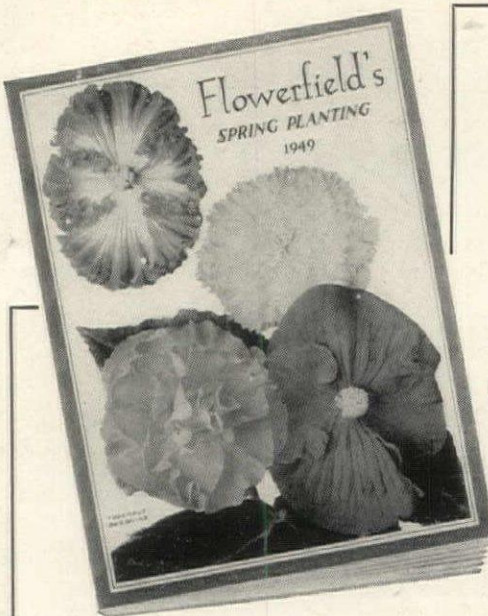
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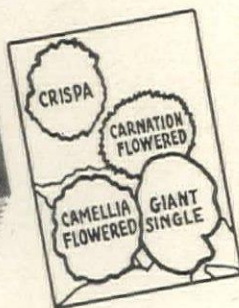


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Red	Rose	Salmon
White	Pink	Yellow

Separate colors: each 25¢, 3 for 70¢, doz. \$2.50, 50 for \$8.75. Mixed colors: 3 for 65¢, doz. \$2.25, 50 for \$8.25.

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Red	Rose	Salmon
White	Pink	Yellow

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Red	Rose	Salmon
White	Pink	Yellow

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*By sea:* Alcoa Steamship Line sails from New Orleans to Kingston every other week in 3 days, \$240; round trip, \$480.

All fares subject to 15% U. S. Transportation Tax.

## CRAB APPLES continued from page 95

either spring or fall except in the colder regions where spring planting is best. Small sizes, three to five feet, may be planted with bare roots, but larger specimens must be moved with a ball of earth. They need but little pruning. Crossed branches must be removed from time to time, and long growth may be headed in to make a balanced, formal-looking plant.

### HOW TO CONTROL PESTS

These small trees are subject to the same pests as other apples. Scale insects are controlled with a dormant

spray of miscible oil. Tent caterpillars may invade, and should not be burned out, but the nest wiped out with a kerosene-soaked rag on a stick at dusk when the caterpillars are at home. The American apples are subject to fire blight. Dying branches should be promptly removed and burned. Cedar rust may also attack American varieties, blotching the leaves brown in summer. A colloidal sulfur spray is recommended for this, used several times starting in early spring. However, many flowering apples flourish for years without any spraying at all.



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**GIANT TREE TOMATOES**  
win new praise

These tremendous tomatoes are the talk of amateur gardeners all over the country. The agricultural editor of a leading Chicago newspaper writes: "Giant Tree Tomato is producing heavily, with each tomato weighing more than a pound. The vines, trained on stakes, tower 7 or more feet high... the tomatoes are enormous... one can make a full salad."

George Cooper, veteran tomato grower of Minneapolis, sent three

fruits that weighed exactly 5 pounds to Paul Light, columnist on the St. Paul Pioneer Press, who published this thank-you note: "Thanks... for the biggest, reddest, fattest tomatoes I've ever seen. Three of them have supplied the Lights' considerable salad needs for almost a week."

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**RESEARCH** continued from page 43

in planting so as to need no thinning after germination. Theoretically a perfect environment for the seed can be created by incorporating various chemicals in the coating material, such as fungicides, plant hormones, plant foods, etc. In practice, several crops have benefited by pelleting. In the case of beets, for instance, it has enabled growers to section the compound fruit ordinarily planted as a seed. This single seed produces only one plant instead of the usual cluster of crowded seedlings. Thinning has been eliminated and weeding simplified. Tomatoes, too, are improved by pelleting.

Other experimental plantings, however, have not been nearly so successful. The vegetable specialist for the important Belle Glade Station in Florida, for instance, told me that lettuce and endive plantings were total failures. Lettuce seed held on his desk for a week took up enough moisture to destroy germination even before planting.

What, then, can the amateur expect from pelleting?

For the time being, not much. Perhaps direct-sown tomato seed is the most promising. But few amateurs direct-sow: most of them want to use transplants. Tests I saw at Michigan State College show that germination in the flat when seed is sown indoors is not improved by pelleting. In fact, practically every test showed lower germination for pelleted seed. Beet seed, if single "sectioned" seeds are pelleted,

might be a possibility. Carrots, too, always miserable to thin, ought to be given a trial. For the rest of the list of vegetable crops, however, we can only render the decision of the old Scottish courts, "Not proven!"

In the field of fungicides, tremendous progress has been made, both for seed treatment and for spraying plants. Some of these are so much better than old-time materials that sulfur, Bordeaux and lime-sulfur are all but obsolete. Not only do these newer products give better control, but they are less drastic in their effects on plants.

This improvement has not, however, been pure gain. Most of these newer materials prove to be highly specific. They will wipe out one disease, but not touch a similar disease on the same plant.

For this reason, I suggest a talk with your seedsman before the spring rush begins, to find out more about these new materials. You will learn that these are not universal cure-alls to be used indiscriminately on the entire garden. But when used on recommended species for listed diseases, they do look significant and useful.

Now old stuff, 2,4-D can still make scientific news. Today, perhaps, more money is being spent on 2,4-D research than on most crops. With a hundred or more trained men working on its application, under widely different conditions and with varied ideas in mind, they're bound to make progress.

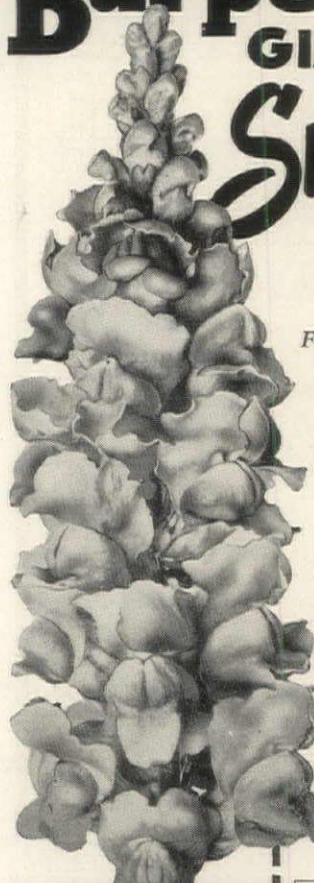
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RESEARCH continued from page 97



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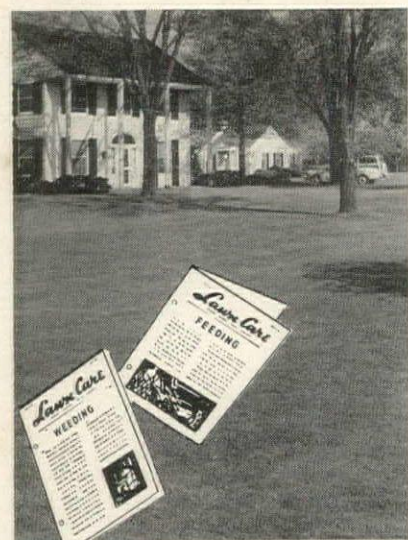
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Last summer saw extensive trials of the idea of pre-emergence spraying (mostly on corn) to kill weed seedlings as they emerge from the soil. In the Middle West, we learned what wouldn't work. At corn planting time, the weather was dry and it stayed dry for four weeks afterwards. We got no control at all: treated fields were just as weedy as the untreated. In other sections, some fields were never touched with the hoe or cultivator all season, yet remained weed-free. Others needed to be touched up with a cultivator after the effects of early sprays wore off, but the labor needed to grow an acre of corn was cut substantially.

The present status of pre-emergence spraying is probably that of a promising experiment which calls for plenty of additional work to solve important problems.

Weed killers other than 2,4-D show real progress. Amateurs, on reading about this, have rushed to their seedsmen to demand these newer weed controls (the majority of them are petroleum products).

Knowing the home gardener and his problems, however, my suggestion would be to forget the whole idea. In spite of what the commercial grower thinks, problems of the amateur are tough. For one thing, he cannot select the time to spray his plots. If one week end happens to be rainy, he may lose his chance on a certain crop. Timing is all-important with these weed killers: two days may make the difference be-

tween success and failure. So is dosage: too much is as fatal as not enough.

Tremendous progress has been made in the insecticide field. Ever since the discovery of DDT set off the race to discover new bug killers, we have been bewildered by the introduction of product after product, each making its precursor obsolete.

This richness of new materials has not solved all our problems, however. There is the question of selectivity, for instance. DDT kills the codling moth on apple trees, but also destroys the enemies of the red mite, which DDT does not touch. Hence red mites build up to tremendous proportions and do more damage than the codling moth.

In an attempt to solve this, some manufacturers have brought out "shot-gun" mixtures, containing several of these new preparations, designed to control all ills to which plants are heir, whether fungic, entomological or physiological. But the use of these general mixtures does mean a waste of most of the ingredients they contain (at some time or other) and it also means inadequate control if real trouble does develop.

Personally, I would prefer to learn more about the right stuff to use. An excellent example of what I mean is Chlordane. For specific insects, it is nothing short of marvelous. On grasshoppers and crickets, for instance, it is perfect. We now consider it routine to rush a ton or two of Chlordane to any (Continued on page 99)

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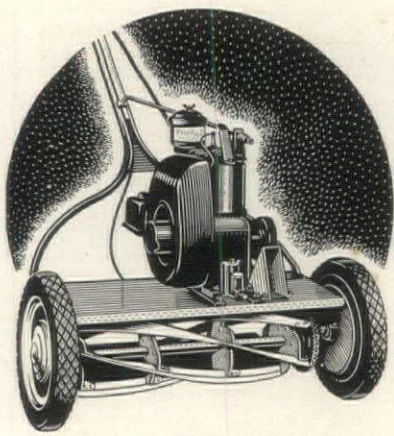
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**RESEARCH** continued from page 98

area where these two pests get out of hand. If grasshoppers and crickets are your problem, investigate Chlordane.

Another problem, and one that affects more gardeners, is that of ants. Here again Chlordane is practically a specific, provided a 10% dust is used. Weaker concentrations don't seem to work on ants.

Of interest because it affects the price of practically everything we wear is Chlordane's effect on the cotton boll weevil. It is perhaps the most efficacious measure against this economically important pest. Chlordane is about as toxic as DDT and calls for the same precautions when using.

Curiously, Parathion, the newest of the wonder insect destroyers, seems to work on every economic insect known—except the boll weevil. Here we have an insecticide so powerful and so effective that everyone who has heard about it looks forward to trying it. But so far, it has not been released for general use. Orchardists and greenhouse operators are mad about it.

Unfortunately, we don't know enough about its effect on man and on animals to release it to everyone. It is supposed to cause liver damage of a type not easily detected. A gardener might do himself fatal harm, without knowing what was happening to him, until too late to save his life. Perhaps this danger, as real as some think it is, can be eliminated, and this most powerful of all insecticides made safe for general use. In the meanwhile, don't

fret because Parathion can't be had at your local source of supply. And *don't* buy it from florists' supply houses (where it is sold for restricted use) to apply to your vegetable or flower garden. Wait until authorities consider it safe for general release.

From a safety angle, another relative of DDT, called Methoxychlor, looks like the answer. It is 1/100 as toxic as DDT, which makes it even safer than many insecticides we now consider innocuous. Methoxychlor excels in another way: it has quick "knock-down." Insects hit by it drop immediately.

Unfortunately, it is pretty specific, but it does kill some tough customers. Among them are the Colorado potato beetle, Japanese beetle, cucumber beetles, codling moth (though not as well as DDT) and a number of others. Keep an eye on Methoxychlor: if beetles invade your garden check and see if it will kill them. Since it is less toxic than any comparable effective spray or dust, it should be given preference over all food products.

Another new material, TEPP, shows how hard it is to keep a miracle miraculous. One of the bits of war booty the Army picked up in Germany was a formula for a new and potent insecticide, Hexaethyl tetraphosphate, called HEPT for short. It proved highly effective against aphids, red spider, white fly and mealy bug, pests which are not ordinarily affected by DDT. But HEPT proved erratic in performance. (Continued on page 100)



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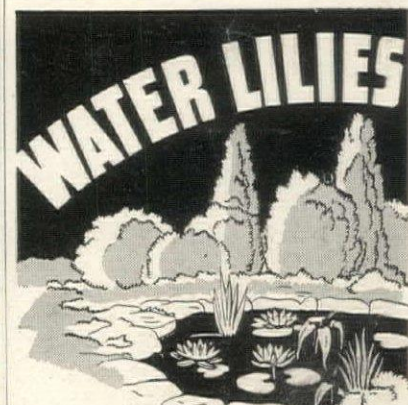
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**Max Schling  
Seedsman, Inc.**  
616 Madison Avenue, New York City 22

## RESEARCH continued from page 99

and the chemists began digging around to find why this was so. They soon discovered that the active ingredient in HEPT was a compound called Tetraethyl pyrophosphate, which they quickly shortened to TEPP.

Again we have a highly toxic material, but unlike Parathion and DDT, one that quickly loses its power to do harm to man. Thus TEPP can be applied to vegetables and fruits a week

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## SHADE GARDENS continued

### SEMI-SHADE PERENNIALS

- Anemones
- Balloon flower
- Barrenwort
- Bleedingheart
- Bugle
- Bunchberry
- Campanula
- Candytuft
- Cardinal flower
- Christmas rose
- Coral bells
- Cranes-bill
- Daylily
- Dittany
- Fall aster
- Forget-me-not
- Gayfeather
- Globeflower

- Lily of the valley
- Maltese cross
- Meadow rue
- Missouri primrose
- Mounkshood
- Pansy
- Phlox
- Plaintain lily
- Primrose
- St. Johnswort
- Swamp rose mallow
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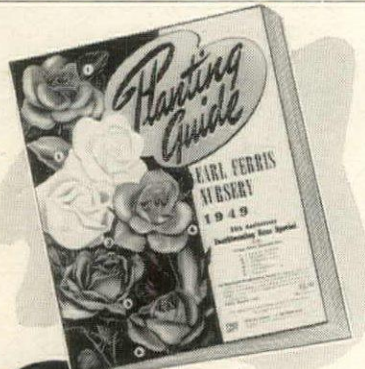
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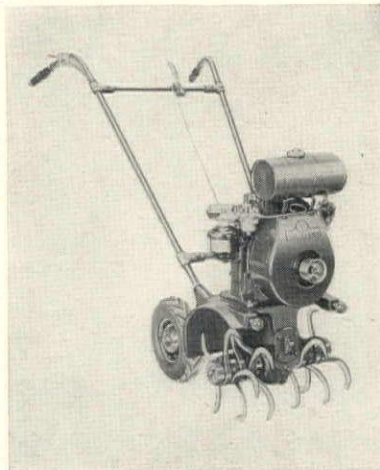
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**GARDEN TOOLS** continued



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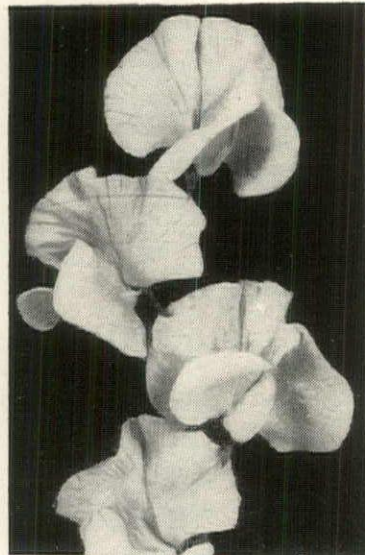
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If you want *better* sweet peas, follow the example of thousands of home gardeners and plant Ferry's Cuthbertson Sweet Peas—the originator's strain and the most noteworthy contribution in the world of flowers in recent years.

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DETROIT 31 • SAN FRANCISCO 24

# Ferry's Seeds

Hear "The Old Dirt Dobber" on "The Garden Gate"—Saturdays—Columbia Broadcasting System

## BED AND BATH

continued from page 60

The following stores will carry bedroom and bath merchandise in HOUSE & GARDEN colors.

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St. Louis..... Stix, Baer & Fuller
- NEW YORK  
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Cleveland..... The Higbee Company
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Richmond..... Miller & Rhoads
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## OPEN YOUR HEART

The American Heart Association is asking every American to "Open your heart to fight heart disease." Special emphasis will be placed on the work of the Association in February with a drive to raise \$5,000,000 with the 14th to the 21st earmarked as National Heart Week. The staggering mortality due to heart disease is bound to commend the work of the Association to everyone. Heart disease is the number 1 killer in the United States. Rheumatic fever (cause of 40% of all heart disease) kills five times as many children as infantile paralysis, whooping cough, scarlet fever, measles and meningitis combined. Yet in the past decade, inadequate funds have been available to researchers in this field. To remedy a deplorable situation, the American Heart Association, a national agency led by doctors and public-minded citizens, has divided its program into three parts: research, education and community service. Contributions may be sent to the American Heart Association's national headquarters at 1775 Broadway, New York, N. Y.

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- A Whole Apple Orchard on a Single Tree.
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Collection includes 6 separate varieties, all rust-proof, in the most exquisite colors.

6 Varieties - 6 full size packets..... **30¢**  
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Exotic camellia-flowered, loveliest of all plants for shady places; or to grow in pots. Large double blooms, all colors mixed; very easy to grow. Lowest price ever; order now!  
Postpaid: 3 Bulbs 25¢; 12 for \$1.  
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390 Burpee Bldg. OR 390 Burpee Bldg.  
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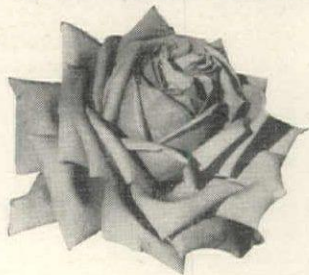
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**ROSES, shrubs, fruit and shade trees, flowers, bulbs. Guaranteed.**  
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**"Curly Pink" and other  
Sub Zero Hybrid Teas**  
21 Different Colors and Forms

Vigorous—Beautiful—Easy to grow—  
Large, abundant blooms, more con-  
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Can live several decades even after  
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pense.* Plants that fail, anywhere, with-  
in 2 years, replaced free, purchased  
from the hybridizers—

Also beautiful yellow and orange  
hardy Climbers

Send for pictured list

**BROWNELL ROSES**

33 Rose Park Little Compton, R. I.

**BED AND BATH**

continued from page 62

Here is more information for the mer-  
chandise shown on page 62.

All prices are approximate.

Top photograph.

St. Marys "Radcliff" blankets, plaid  
taffeta binding, 72" x 90", \$20 each at  
Strawbridge & Clothier, Philadelphia.  
Upper left photograph.

Wamsutta Supercalc sheet, 72" x 108",  
pillowcase, 45" x 40", \$25 set (includ-  
ing two sheets and pillowcases). Som-  
erset hand towel, \$1.15, B. Altman,  
New York.

Springfield "Wonderlight" 1/3 nylon  
and 2/3 wool blanket, 72" x 90", \$9, B.  
Altman, New York.

Callaway "Crestline" bath rug, 27" x  
48", \$7 at Burdine's Inc., Miami,  
Florida.

Upper right photograph.

Callaway "Corsage" bath towel, 24" x  
48", \$2.50, bath rug, 27" x 48", \$8 at  
Neiman-Marcus, Dallas, Texas.

Utica "Beauticale" scalloped sheet,  
72" x 108", \$4.95 each, Stern Bros.,  
New York.

Pequot percale pillowcase, 45" x 38 1/2",  
\$1.70 each, Bamberger's, Newark, New  
Jersey.

Tuvaché "Perfumed Air Mist" Old  
Fashioned Garden fragrance, \$3 includ-  
ing sprayer at Lord & Taylor, New  
York.

Lower left photograph.

Chatham "Lamsdown" all-wool blanket,  
satin binding, 72" x 90", \$19. Com-  
forter, sprig pattern chintz with re-  
verse side in emerald satin, 72" x 84",  
\$28, both at McCutcheon's, New York.  
Pepperell "Peeress" percale sheet, 72"  
x 108", \$17 set (including two sheets,  
two pillowcases), Lord & Taylor, New  
York.

Lenthéric blanket sachet, Shanghai  
fragrance, \$5 each, Marshall Field &  
Co., Chicago.

Bottom photograph.

Fieldcrest thermostatic electric wool  
and cotton blanket, 72" x 90", \$42.95 at  
Marshall Field & Co., Chicago.

Callaway "Valtwist" rug, 4' x 6', non-  
skid back, \$17, Davison Paxon Co., At-  
lanta, Georgia.

Baby pillow, 12" x 16", \$4.50, white  
linen cover, embroidered verse, \$7.50  
at Schoenfeld Linens, New York.

Lower right photograph.

St. Marys "Lamar" wool blanket, 80"  
x 90", \$28 at Rich's, Atlanta, Georgia.

Cyrus Clark "Violet Border" chintz  
fabric, 36" wide, \$1.65 yard, at Carson  
Pirie Scott, Chicago, Illinois.

Pacific Mills, white percale sheet, 72"  
x 108", \$3.60 at Higbee Co., Cleveland,  
Ohio.

MAKERS OF FINE PLUMBING FIXTURES SINCE 1904

**ELJER**



"We both got  
what we wanted"

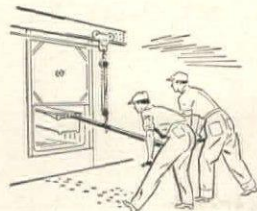
"My dream bathroom just had to be *smartly beautiful*.  
Harry was primarily concerned with *quality*. When our  
plumbing contractor recommended Eljer, we both got  
what we wanted."

And why not? Eljer Plumbing Fixtures are available in  
a wide range of related, yet distinctive, styles of lovely  
pastel colors. Eljer styling has always set the pattern for  
truly smart bathroom design.

As for quality . . . Eljer Vitreous China Fixtures just  
naturally resist stains and the effects of all ordinary acids  
. . . because they are *real china*. The lustrous, glass-like  
finish stays bright and new looking . . . with just the swish  
of a damp cloth.

For free booklet on Eljer Fixtures and beautiful chrome-  
plated brass fittings, write Eljer Co., Box 192, Ford City,  
Pennsylvania.

**WHAT IS ENAMELED CAST IRON?**



All Eljer Enameled Cast-Iron Fixtures  
have a body of *solid cast iron*. An *extra-  
thick* coat of Vitreous Enamel is fused to  
this base by extremely-high oven temper-  
atures. The resulting finish is velvet-  
smooth . . . and will last a lifetime with  
ordinary care. When you buy a bathtub  
or kitchen sink, be sure it is made of  
*rudded, rigid cast iron*.

**ELJER CO.** FACTORIES AT: FORD CITY, PA., SALEM AND  
MARYSVILLE, OHIO, LOS ANGELES, CALIF.

**COLE'S**  
1949 PLANTING GUIDE

Be sure to get your copy—a guide  
to "Everything That's Good and Hardy". Care-  
fully written, beautifully illustrated—it contains  
many valuable cultural hints and special offers.  
You'll appreciate the wide selection—over 500  
of the best varieties of flowers, Perennials, Shrubs,  
Berries, Roses, Fruit, and Shade Trees, Ever-  
greens, Ornamentals. Cole's Nursery stock is guar-  
anteed—backed by 68 years' growing experience  
and customer satisfaction.

Write today for your free copy. Sorry—none  
sent West of Rockies, to deep South, or outside  
U. S.

**THE COLE NURSERY COMPANY**  
3003 W. Jackson Painesville, Ohio

**FRENCH HYBRID  
Lilacs**

Twelve outstanding varieties from  
Rochester's world-famed Highland Park  
collection. 18"-24" \$2 ea; 3 for \$5.75.  
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COLORFUL  
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WORLD FAMOUS  
GLADIOLI

America's finest collection  
of prize-winning Glads are listed  
in our new, colorful 1949 Catalog.  
Other flowers too. Send postcard  
for your FREE copy today.

**KUNDERD  
GLADIOLUS FARMS**  
219 LINCOLN WAY, GOSHEN, IND.

**5 YR. BLUEBERRIES**  
Big yield giant berries this yr. Last a lifetime.  
**STREAMLINER STRAWBERRIES**  
New, Supreme Everbearer. Giant sweet fruit.  
Also Superfection, Gem, Minnesota 1166, Rob-  
inson, Grand Champion, other spring-bearers.  
**THORNLESS BOYSENBERRIES**  
Extra heavy fruiting strain. Also complete  
line of Trees, Grapes, Blackberries, Aspar-  
agus, Perennials, Nursery stock. Write!  
**WESTHAUSER NURSERIES, Box 771, Sawyer, Mich.**

Research says—

**MORE FESCUE FOR LAWNS**

Write for The Story of ILLAHEE—the  
Fescue that lives compatibly with  
other grasses.

**CHAN W. BAKER—SEEDS**  
277 Broadway New York 7, N. Y.

**CARNATIONS**  
From Seed . . . SPECIAL OFFER  
100 Seed, Choicest Mixed Colors 10c  
Send 10 cents today for this Special  
Offer and I will include  
my 79th Annual Seed  
and Nursery Catalog absolutely  
**FREE**  
R. H. SHUMWAY SEEDSMAN, Box 696, Rockford, Ill.

Our world renowned, annual  
**Gladiolus Fancier's Guide Book**  
a "must have" for buyers searching for the best  
Recent Introductions, with color ratings (new),  
champion reports, quality hybrid seed and bulb  
offerings, including twenty varieties with florets  
seven inches and over diameter, etc.  
is free on request.  
**HERBERT O. EVANS, R 9, SOLON, OHIO**  
Grower, Hybridizer, Importer,  
Cataloger since 1929.

PUT "LITTLE REMINDERS" AROUND THE HOUSE  
(Tear out and use this ad)

**A TIP**  
TO  
THE MRS.  
WHOSE MR.  
MISSED THE  
FILTERS!

## For Greater Comfort with Less Fuel

### REPLACE DIRT-CLOGGED FURNACE FILTERS!

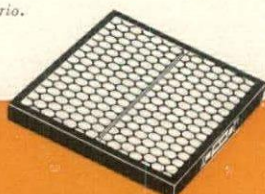
Cold wintry blasts should hold no fear for you lucky owners of *modern warm-air* heating systems. Nor fuel shortage, nor high fuel costs . . . provided you get *all* the heat your efficient furnace is capable of delivering.

It takes but little to keep your system operating at top efficiency—often only the changing of your **DUST-STOP** Filters. It's a big job those filters do, cleaning dust and lint from a roomful of air every few minutes. Small wonder they become dirt-clogged, requiring replacement once or twice a year!

New **DUST-STOP** Air Filters can save more than they cost in fuel bills alone. And they will help keep your home cleaner as well as warmer, protect costly furnishings and decorations.

Contact your dealer and order new **DUST-STOP** Air Filters today. Your furnace repairman or hardware dealer can supply them. Owens-Corning Fiberglas Corporation, Department 906, Toledo 1, Ohio.

In Canada: Fiberglas Canada Ltd., Toronto, Ontario.



**DUST STOP** AIR FILTERS

— a FIBERGLAS product



Exterior scenes for the new film, *Enchantment*, were shot before a house in Kensington's Royal Crescent.

## PORTRAIT OF A HOUSE

as conveyed in a British  
novel and a new American film

**T**HE protagonist of Rumer Godden's poignant, contrapuntally constructed novel, *Take Three Tenses*, is a house in London. In it, writes Miss Godden, "the past is present," implying that the character of the house consists not only in its architecture, but in the living that has taken place within it—the events and experiences, satisfactions and disappointments, loves and hates that have been undergone there. She describes these experiences, past and present, in the present tense, weaving them across her pages like the themes of a Bach fugue. The story has been adapted to the screen by Samuel Goldwyn's company, and the film will soon be released under the title, *Enchantment*. Before production began Mr. Goldwyn sent George Jenkins, his art director, to London, where he consulted with editors of our sister publication, *British House & Garden*, to make sure of re-creating the authentic architecture. The exterior shots were made in London, the interiors, here drawn, were filmed back in Hollywood.



"... stairs in a house are like highways in a country, exciting when they are unknown, soon familiar, linking all parts of it together, making them accessible and plain. Perhaps that accounts for the enormous traffic on these stairs, the continual endless going and flowing and hastening and toiling up and down them."

*Captions are from Rumer Godden's Take Three Tenses.*



"There is a crystal in the [drawing room] chandelier that sings, gives out a chime whenever a certain note is struck on the piano, or when a voice in singing reaches top D. There are many songs in the house: popular songs and hymns and carols; sentimental evening ballads; the songs Lark studies . . . there are nursery songs and rhymes; and poems."



"In the dining room the peacock curtains are drawn; the curtains formerly are a dark green but Selina changes them when the craze for changes comes, when she is given to wearing trailing dresses of olive green and pale blue . . . there is a smell of old flowers and coal and of wax polish and, from the sideboard, of wine spilt on wood. . . ."



"Someone has tried to turn the [nursery] into a bedroom. There are rugs put down on the carpet, newer rugs, and the dressing table has been looped into skirts, white muslin ones tied with ribbons that are faded and frayed . . . there is also a writing case . . . a piece of blotting paper that still bears the upside-down imprint of a letter."

# The SUN LAMP SENSATION of the AGE . . .



**HANOVIA'S**

**Tannette** only **\$39.95**

F.O.B. Factory

produces most effectively and rapidly the ultraviolet rays of the sun—any hour—day or night.

Its soothing ultraviolet rays give you that marvelous glow of health which stirs the admiration of your friends.

Hanovia's Tannette—with its wide reflecting doors, will tan your face, neck and upper chest—not just a small area—more effectively than a bulb or other type of sun lamp.

Tannette is beautiful in design, in a smart ivory case, scientifically built. Operates from any A.C. outlet.

**FOR BETTER HEALTH—HANOVIA'S  
WORLD FAMOUS ULTRAVIOLET QUARTZ HEALTH LAMPS  
Are OUTSTANDING!**

- The only lamps with the complete useful ultraviolet spectrum.
- They produce all wave-lengths of ultraviolet from the shortest to the longest
- They help keep you physically fit
- They activate Vitamin D in your body Nature's way
- They aid in mineral metabolism
- They are invaluable for prenatal care and nursing mothers

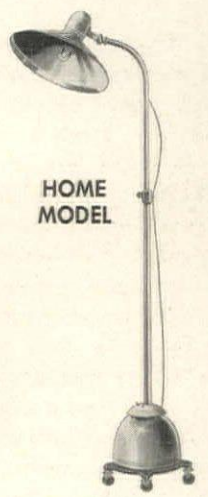


**PRESCRIPTION MODEL**

- They have a prophylactic and curative effect on rickets
- They are recommended and prescribed by doctors



**TRAVEL MODEL**



**HOME MODEL**

Hanovia lamps are on sale in department stores, surgical supply shops, electrical appliance stores and specialty shops.

An interesting booklet, "The Magic of Ultraviolet," tells the story of Ultraviolet and its healthful benefits. Send for it. Address a postcard to Dept. HG-149

**HANOVIA Chemical & Manufacturing Co.**  
Newark 5, New Jersey

World's largest makers of Ultraviolet Lamps for Doctors, Home and Industry

Hanovia Showrooms are at:

155 West 57th St.  
New York 19, N. Y.

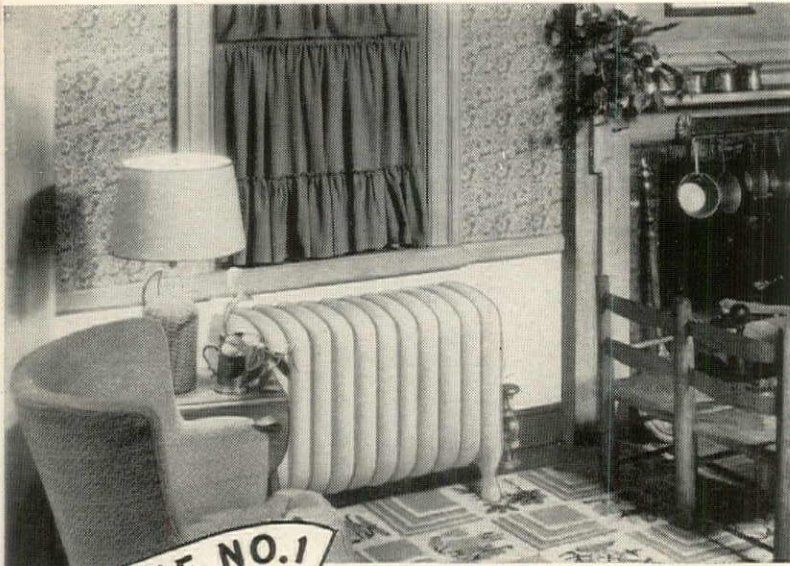
453 Powell Street,  
San Francisco 2, Calif.

130 South 19th St.,  
Philadelphia 3, Pa.

5057 Woodward Ave.,  
Maccabees Bldg. Rm. 654  
Detroit 2, Michigan

77 East Lake Street,  
Chicago 1, Illinois

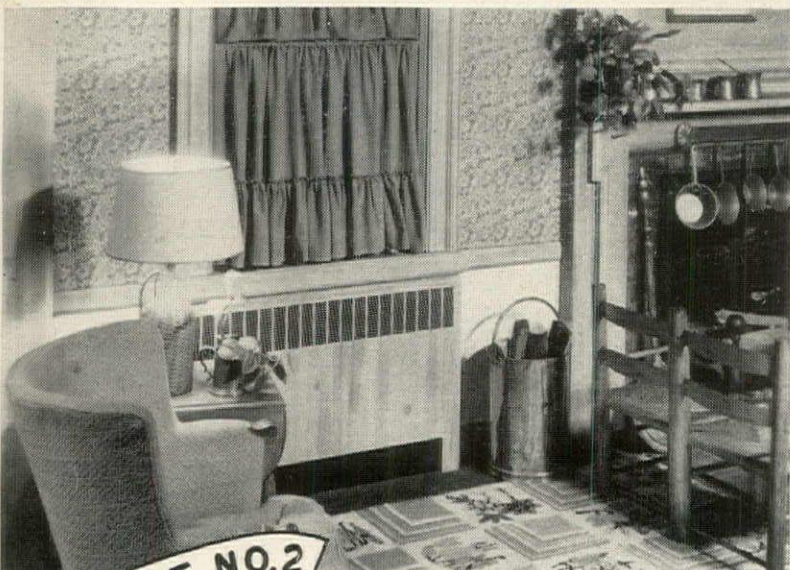
15 Statler Office Bldg.,  
Boston, Mass.



**PUZZLE NO. 1**

**Find the things in this room that drive a woman crazy!**

An old-fashioned radiator, wasting floor space—slow-heating, inefficient. A dust-collector that throws too much heat to the ceiling, not enough near the floor. It's too hot for you or your furniture to touch. Heat wasted. Fuel wasted. Trane "Active Air" Convectors would whip these problems.



**PUZZLE NO. 2**

**Find the things in this room that tickle a woman pink!**

No dust traps here! This room stays cleaner... and it's evenly, healthfully, *quickly* warmed all over, at low fuel cost! No hot surfaces to burn hands or scorch furniture. Slim, handsome TRANE Convectors may be recessed into walls, out of the way. It's a room of lasting charm and luxurious comfort.

**There is such a thing as fool-proof heating!**

Whether you're building, remodeling, or just making plans, you owe it to yourself to find out what Trane "Active Air" Convectors can mean in terms of comfort, health and economy. They can be used with any steam or hot water system.

Avoid disappointments later by getting all the better living facts about "Active Air" convected heat now. Send for colorful, helpful FREE booklet.



The Trane Company, Dept. E 19, LaCrosse, Wis.  
— or Trane Company of Canada, Ltd., Toronto

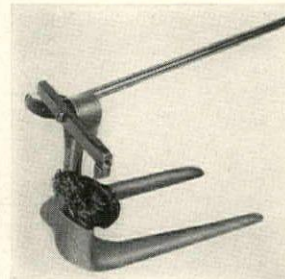
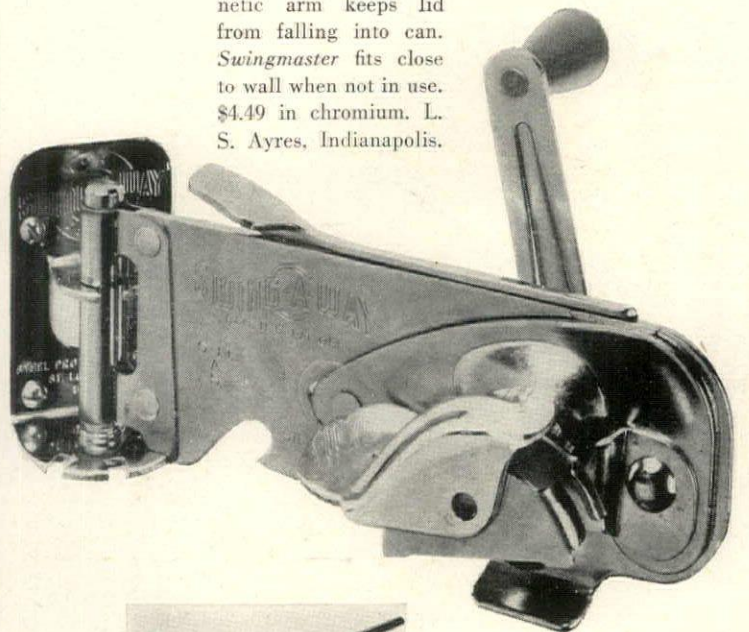
I want to see your full-color photographs of beautiful rooms, and learn more about Trane Convector heating. Please send me your free book "How to Live in June All Winter."

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_

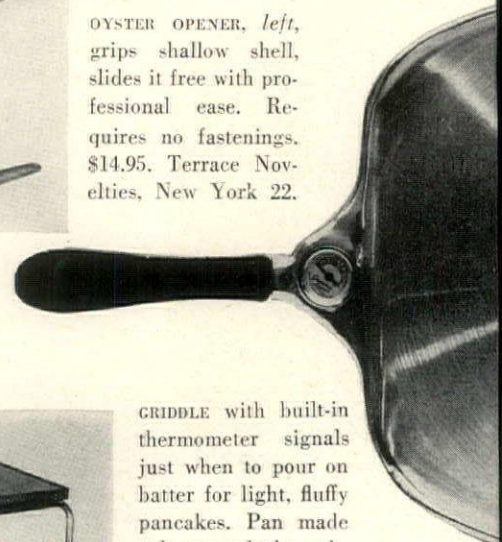
**HOUSEHOLD SHORT CUTS**

Time and labor saving products to help you run your house with greater ease

CAN OPENER with magnetic arm keeps lid from falling into can. *Swingmaster* fits close to wall when not in use. \$4.49 in chromium. L. S. Ayres, Indianapolis.



OYSTER OPENER, left, grips shallow shell, slides it free with professional ease. Requires no fastenings. \$14.95. Terrace Novelties, New York 22.

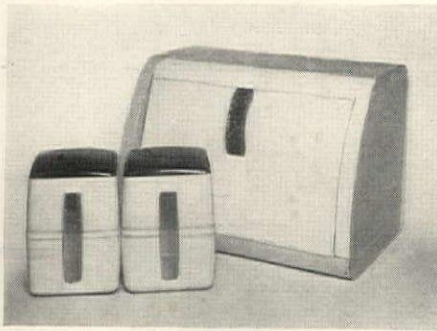


GRIDDLE with built-in thermometer signals just when to pour on batter for light, fluffy pancakes. Pan made to heat evenly throughout. *Grandma Layne's Thermomatic Griddle*, \$6.45, Lewis & Conger.



PLUG-IN SERVING WAGON keeps foods hot and hostess seated throughout meals. Tempered glass upper tray of *Hotable* has fused-in thermostatically controlled heating element, reaches 200° in 2-3 minutes, and maintains it. Lower tray for desserts, dishes, \$59.50. W & J Sloane.

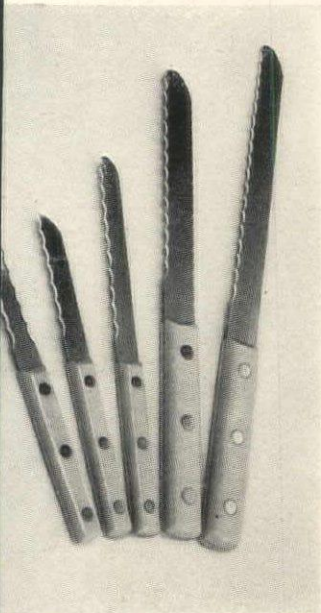
WINDOWED CANISTERS of plastic, right, show contents, sport red lids; 4 for \$4.95. Enamelled 2-shelf breadbox, \$3.95. Stern's.



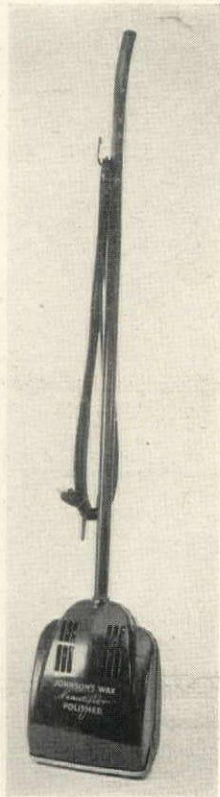
PORTABLE WASHER, left, does four pounds of wash in five minutes. Uses no drums or paddles, only gentle pulsating action of aerated water currents to flush out dirt. Stainless steel tub; wringer, drainboard. Use as hamper, work top 30" high. Monitor, \$69.50 plus exp. Hammacher Schlemmer.



KITCHEN knives: *Simmons Utility Set*, 6", 8" slicers, vegetable, paring and grapefruit knives with stainless Swedish steel blades, double hollow-ground; white plastic handles. \$4.50. Bloomingdale's.

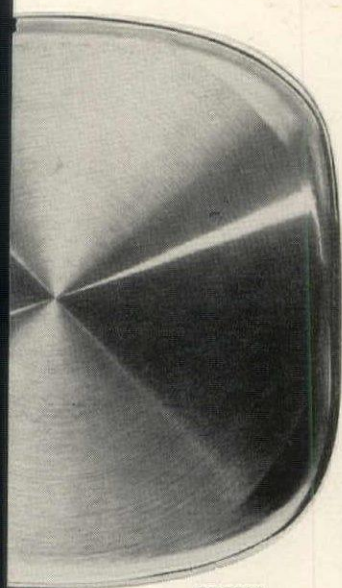


FLOOR CARE is easy with Johnson's new *Beautiflor Polisher*, right. Streamlined, lighter, faster; high-speed motor reduces polishing time, gives high luster. \$44.50. Lewis & Conger, New York.

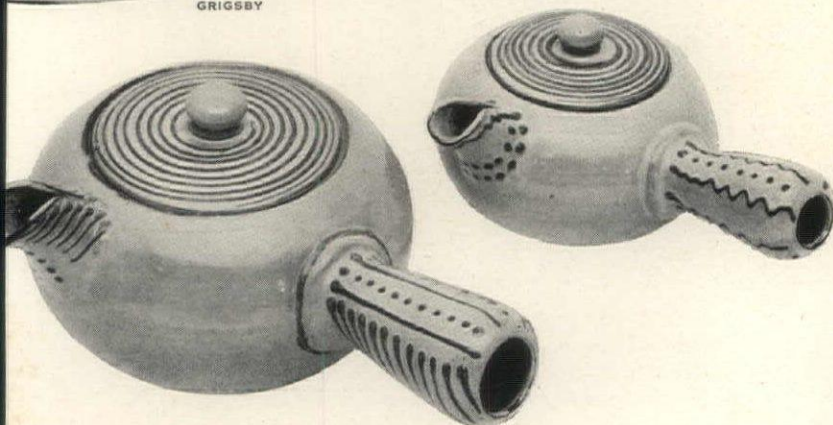


MIEHLMANN

TEA SET, below, from Finland, with sturdy handles. Large pot for hot water, small for tea. In gray-green with plum, large \$12, small \$8, 50c extra for postage. Finnish Art Shop, N. Y. 22.



GRIGSBY



*Bathroom Beauty!*  
Guaranteed for life..

Higgins Eureka closet seats add the final touch of quality to each superbly styled bathroom—gleaming white beauty that endures a lifetime! Never before has such elegance been combined so perfectly with comfort, strength and lightness at so moderate a cost. It took Higgins' famous production skill to produce this finer, cross-laminated, bonded hardwood Eureka seat that bears a lifetime guarantee against splitting, cracking or breaking. See it on display at your plumbing contractor's.



Every Higgins Eureka seat is constructed of multiple laminations of selected hardwoods, bonded under terrific pressure; solid three-point suspension brass hinges, extra-heavy chrome plated finish.

Makers of Higgins famous pleasure boats, marine craft, bonded hardwood floors, Thermo-Con forms and generators and precision specialties.

**Higgins**  
INCORPORATED NEW ORLEANS

the magnificent  
**Magnavox**  
 radio phonograph + television



The Modular Television Receiver correlated with the Cosmopolitan Radio-Phonograph.

**NOW! FOUR HOURS**  
**of recorded music automatically**  
 ... plus sharp, clear **MAGNASCOPE\*** television

**Magnavox is the first radio-phonograph to play both LP and 78 rpm records automatically.**

YOU get more from both the new LP (long-playing) and your present records, too, when you own a Magnavox. It is the one instrument with both a Duomatic Changer and an acoustical system that is capable of reproducing today's extended recording ranges.

See Your Magnavox Dealer Today. Hear recorded music, AM-FM and

short wave radio at their best. Learn, too, how Magnascope television can be added to the Magnavox Radio-Phonograph of your choice at any time. Radio-Phonographs, \$179.50 to \$895; with Duomatic Changers, from \$275. Television Receivers, \$299.50 to \$950.

**\*MAGNASCOPE** is the unique television picture system developed by Magnavox. It provides the *finest picture quality* in television and *sharper contrast* for better visibility *without glare or eyestrain*. (Prices subject to change without notice)

Write for booklet. The Magnavox Company,  
 Dept. 261, 2171 Bueter Rd., Fort Wayne 4, Ind.

The Cosmopolitan Radio-Phonograph with revolutionary new Duomatic Changer, \$499.50. Storage space for a library of 250 records.



The Berkeley Radio-Phonograph with Duomatic Changer, \$375. Companion television receiver available in matching cabinet.



**URNS WITH**  
**A CORKSCREW**

Here are four classics timed to your New Year's party but equally appropriate for any mid-winter entertainment

**W**HEN, on the night of December 31, the clocks strike midnight all over the country, millions of Americans will raise their glasses in the most significant toast of the year. No everyday drink could do justice to this occasion. It demands a drink as memorable as the moment, and one which will call out your best glasses or cups. A handsome punch-bowl or samovar for the guests to gather round, as a tangible symbol of hospitality, is also indicated. You will find hot buttered rum is the best all-round drink, and one easy to make once you have grasped the principle of emulsifying the butter so that it is suspended in the liquid rather than floating on top in patches. Geared to cold weather and the people who like to go out in it, hot rum is as suitable for a tête-à-tête as for the evening when all your friends are invited. At a more formal party, try the eggnog, a satisfying stand-by in the country where guests often motor from miles away. For more elaborate town entertainments, either of the punches is indicated. The brandy one, with its delicate whiff of Curaçao, will appeal to the most sophisticated, is dry enough to drink all evening. The champagne punch induces the festive mood with minimum preparation time required.

BAKER



**HOT BUTTERED RUM.** Place cinnamon, 1 lump sugar, 1½ oz. Jamaica rum in a mug. Hold above it a pat of butter in a pierced spoon and dribble boiling water through it till butter is emulsified and mug filled. Silver pot, S. Wyler; Crown Derby mugs, Plummer, Ltd.; Dagger Punch dark Jamaica rum, Schieffelin & Co.



**EGGNOG.** Into 12 well-beaten egg yolks whip 8 tbsps. sugar and, slowly, 1 qt. Bourbon and 1 pt. dark rum. Stand in a cool place for several hours to blend. Before serving add following mixture, beaten smooth: 12 stiff egg whites, 1 qt. whipped cream, 2 qts. rich milk. Serves 12 to 15. Silver bowl, cups, sugar caster, Fisher Silversmiths; Kentucky Tavern straight Bourbon, Glenmore Distillers.

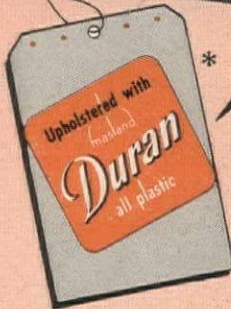
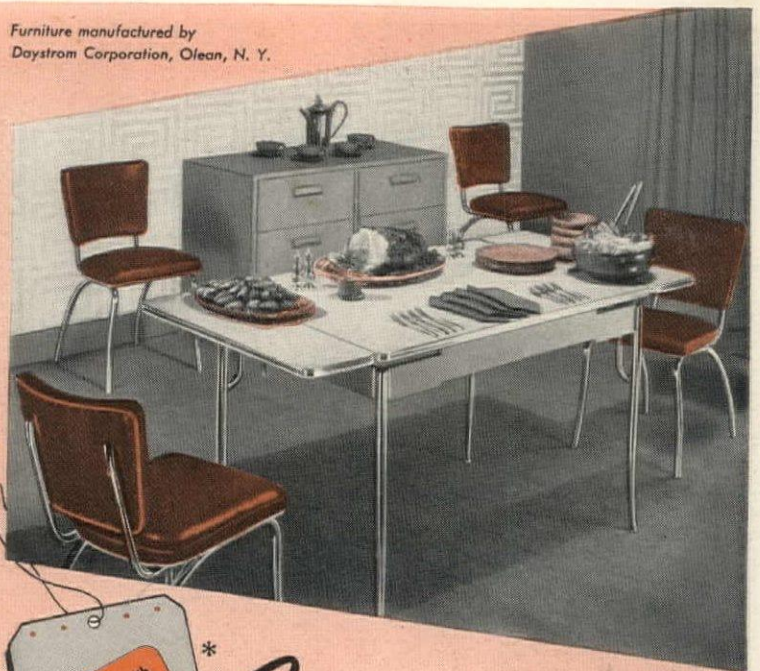


**CHAMPAGNE PUNCH.** To 3 parts champagne, add 1 part light rum and a dash of Curaçao. Pour over block of ice set in a chilled punch bowl, garnish with orange peel. Cut crystal bowl and glasses from Plummer, Ltd.; Taylor's New York State champagne, Taylor Wine Co.; Wray & Nephew's Three Dagger Jamaica rum, Schieffelin & Co. All clocks shown in these pictures courtesy Georg Jensen, Inc.



**BRANDY PUNCH.** Add enough sugar to the juice of 4 oranges and 15 lemons to neutralize sourness. Place in punch bowl with large block of ice and pour over 2 qts. brandy, 4 oz. Curaçao and 1½ oz. grenadine. Before serving, add a qt. of iced soda water. Serves 15. Bowl and goblet, Fisher Silversmiths; Remy Martin cognac, Renfield Importers; Garnier orange Curaçao, Julius Wile & Sons.

Furniture manufactured by  
Daystrom Corporation, Olean, N. Y.



*More Color  
Less Care  
Throughout your home*

**DRAMATIC BEAUTY—**

A host of thrilling colors—dramatic shades to precious pastels . . . rich finishes . . . soft, luxurious surface.

**WONDERFUL WEARABILITY—**

Resists scuffing and peeling . . . stays petal-soft and yielding . . . with no extra care on your part.

**AND SO EASY TO CLEAN—**

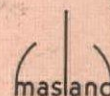
No hours of hard work here! Food stains and spills vanish in a jiffy. Just wipe them away with a damp cloth!

SEND FOR FREE INFORMATIVE FOLDER WITH DURAN SAMPLE



Furniture manufactured by  
Daystrom Corporation, Olean, N. Y.

\* ONLY GENUINE DURAN  
BEARS THIS TAG



THE MASLAND DURA-LEATHER CO., 3282-90 AMBER ST., PHILA. 34, PA.

# "Quickie Cocktail"

... JUST FOR TWO

Brilliant hand-blown seamless crystal. Shaker with shining chrome plate top, holds 12 ounces. Glasses hold 3½ ounces. At gift, jewelry and department stores.



SHARED intimacy for those cozy moments when the rest of the world is shut out and three would be a crowd! This sparkling crystal *Quickie Cocktail* set was made for sentimental sophisticates. Look for the blue and gold West Virginia

Glass label. It's your assurance of smart, modern design—superlative quality—at conservative prices. At gift, jewelry and department stores. For name of your nearest dealer, write West Virginia Glass Specialty Co., Weston, West Virginia.

## WEST VIRGINIA GLASS



Coated with plastic for easier handling and longer life, Guild Playing Cards are packaged in a crystal clear plastic case for appropriate gift giving, or keeping. Select your playing cards from Guild's Gallery of distinguished art. Ask for them at your favorite store, or write for the name of the dealer nearest you.

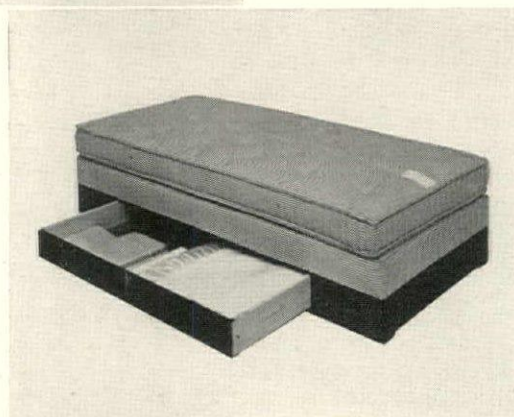
WESTERN PLAYING CARD CO. • RACINE, WISCONSIN  
Makers of American Artists Playing Cards

## LIVING ROOM continued from page 85



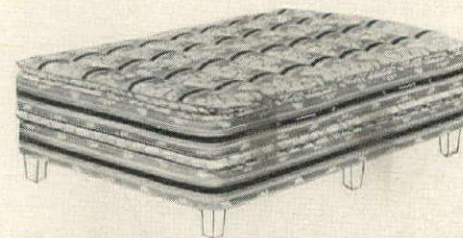
KOYLON foam rubber mattress by U. S. Rubber Co. is molded in one piece, is flexible, lightweight, allergy-free. Twin size 4½" thick with foundation. \$155, double, \$178. Legs \$5-\$8 extra, Bullock's, Los Angeles.

STOR-IT-BED by Burton-Dixie Corp. has a drawer in base for extra bedding, etc., an innerspring mattress. Price \$100. 3 extra bolsters transform it into studio couch, \$115 complete. Carson Pirie Scott, Chicago.



SUPER-QUILTRESS. By Eclipse Sleep Products. Felted quilts on innerspring unit eliminate all tufting. Twin or full-size mattress, \$70, matching box spring, \$60, legs \$5-\$8 extra, Wanamaker, Philadelphia.

PIL-O-REST mattress by Karpen has channels of cotton felt on innerspring construction to provide smooth tuftless surface, even support. Twin or full-size mattress, \$60, box spring, \$60, May & Co., Washington, D. C.



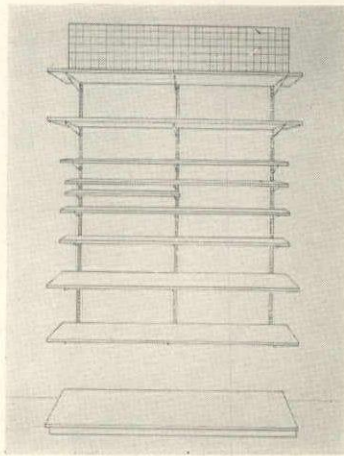
DUO-DIVAN, a "Hi-Rise" by the Englander Co., is in two sections, 33" and 30" wide, which can be used separately or as double bed. Steel coil edges, link springs, innerspring mattresses. \$80, Stix, Baer & Fuller, St. Louis.

Prices are approximate



# LINEN CLOSET CUES

continued from page 63



SHELF WIDTHS DETERMINED BY USE

24"	}	TO HOLD STORAGE CASES, BOXES
24"		
10"	}	TO HOLD FOLDED SHEETS, TOWELS
5"		
4"		
10"	}	TO ACT AS SORTING SHELF
10"		
24"	}	TO STORE EXTRA COVERS, PILLOWS, BATH RUGS, ETC.
24"		
24"		

WHEN you set out to check your household inventory on January 1, take with you the picture of the closet on page 63. You will find it an accurate guide to the amount of linen as well as to the linen storage space a four-bed household requires. The closet is 8' 6" high, 5' wide, 24" deep. You can build it yourself out of: five shelves 2' x 5', three shelves 10" x 5', one shelf 5" x 5', one shelf (which runs only half the width of the closet) 4" x 2' 6". Brackets to support shelves lock into a 3/4" steel track attached to wall (by means of screws and rawl plugs or toggle bolts) and can be set at any height. The tracks may be ordered in lengths up to six feet; can be safely attached to plaster walls or to any wall that has a hollow construction. They may be mounted on the surface of the wall, in which case the plywood shelves will have to be cut where they fit around the track; or may channel into the wall so that they are flush. You can order the track and brackets, below, directly from Garey Hardware Company, 600 Broadway, New York 12, N. Y.

The measurements of this closet are governed by two considerations: the average woman's 72" by 48" reach and the standard size to which laundries fold bed and bath linen. For instance, a single sheet folds into a 10" x 24" oblong and 12 of them (or 6 double sheets) can be stacked in a space a foot high. Large and small bath towels fold to a width of 9" and 10" respectively. As a result, our three middle shelves are exactly 10" deep, making stacking easy, obviating inaccessible back piles. At middle reach is the white linen in daily use, above it the half dozens of monogrammed or colored linens you want your guests to enjoy (note how the 6 guest pillowcases are on a shelf just deep enough to hold them, and no more). The two top shelves and the three bottom ones are

24" deep and proportionately higher to hold large storage containers. On the uppermost two are out-of-season items in quilted taffeta bags by Kerk Guild (price \$2.50 apiece) and transparent plastic Duranol blanket boxes (price \$6.95 each). The two bottom shelves are for occasionally-used things such as extra pillows, bed pads, comforters, blanket covers, also kept in Kerk containers. Important in this closet are the two cosmetic shelves which hold two heights of jar or bottle in full view and easy reach. Strips of flexible mirror are used as shelf edging (they come in rolls measuring 7 1/2' long, costing \$2 each, backed with adhesive and ready to press onto the shelf); sheets of flexible mirror are used on the wall above the top shelf to reflect its contents; both by L. & S. Mirror Manufacturing Corp. The closet and all its contents are at Macy's, New York.

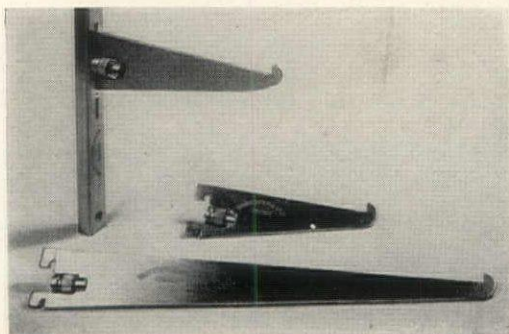
### LINEN CHECK LIST

Here are the basic bed and bath linens required by one person. Multiply the amounts given by the number of members in your family.

6 sheets	6 hand towels
6 pillowcases	6 washcloths
2 mattress pads	2 bath mats
6 bath towels	1 bath rug

After buying the basic needs listed above, you may want to include more of the sheets and cases in special colors such as you saw on page 63, perhaps with white borders printed in field flowers, with arabesques to match your blanket colors or with borders of embroidered scallops. The new monograms, discreetly understated on bed linens, make bold color blocks in the bathroom. Note that that long-lost luxury, the bath sheet, is back again for the first time since the war, and in wonderful modern colors.

BRACKETS which support shelves come in 13 sizes, up to 24". Those used in our closet: twelve 24" brackets, ea. \$2.52; nine 10" brackets, ea. \$1.13; three 5" brackets, ea. 75c; two 4" brackets, ea. 75c; plus three 3/4" tracks, ea. 6', ea. \$1.80. Total hardware amounts to \$49.56.



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More than a million home owners enjoy the fuel economy of Johns-Manville Rock Wool Home Insulation.

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mer. Full thick wall-and-ceiling insulation saves fuel twice as effectively as other treatments used in protecting the average house against heat losses.\* (Based on Government figures.)

The home you are living in now can be completely insulated, by an approved J-M "Blown" Home Insulation Contractor. He is trained to "blow" J-M Rock Wool scientifically, in full measure, to prevent heat-leaking "voids" and give you full benefits.

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\*Based on facts published in U. S. Bureau of Mines pamphlet.

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Please send me FREE copy of your 24-page book, "Comfort that Pays for Itself."

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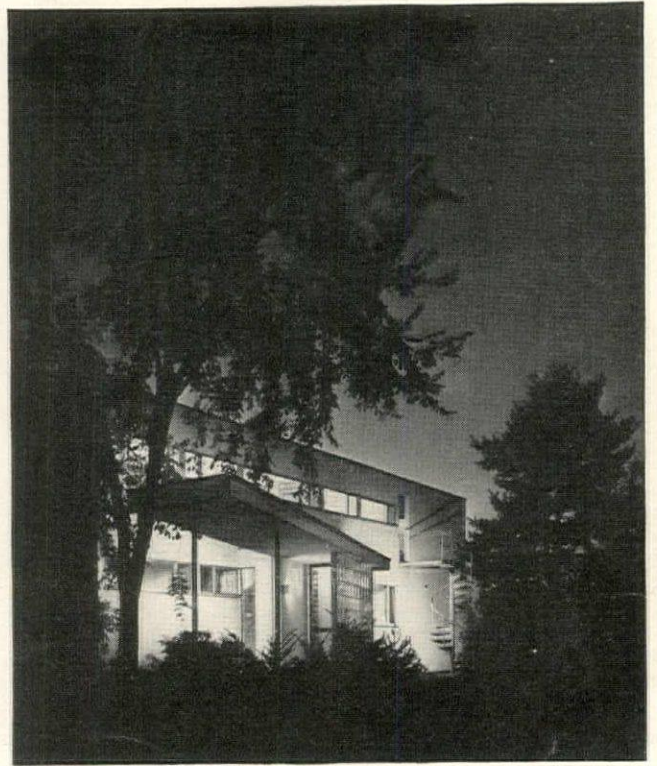
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INCORPORATED  
THOMASVILLE, N. C.

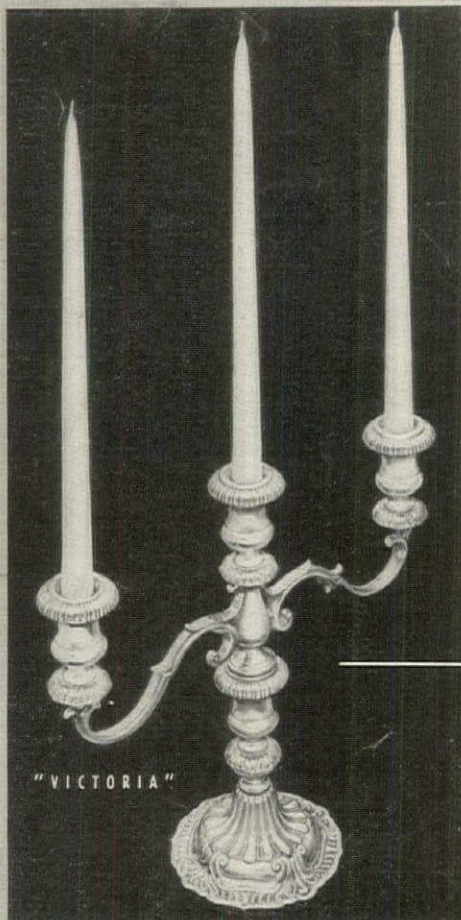
## MODERN HOUSE

continued from page 73



CONCEALED FLOODLIGHTS avoid the harsh glare of conventional outdoor entrance lights; instead, the whole front wall of the house is softly illuminated with reflected light. A wooden canopy projects diagonally from above the front door to form a covered walk to the drive. The spiral stairs lead up to the roof deck.

*Beautiful as Candlelight Itself*



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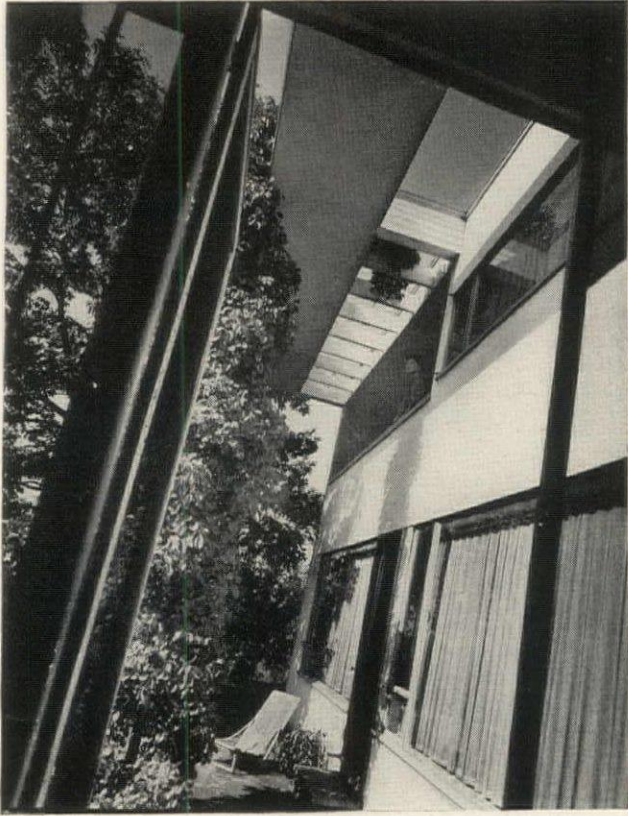


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(CALL OR VISIT OFFICE)  
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## Beacon Hill Furniture

CHICAGO REPRESENTATIVE: FLUES AND ORR, INC., MERCHANDISE MART

DAMORA



THE CANTILEVERED ROOF OVERHANG shades the living room windows against the excessive heat of summer sunshine. In spite of the large size of the windows, it is always 10° cooler indoors than out. In winter, on the other hand, when the sun is low in the sky, its rays strike through the windows so effectively that the heating system can be switched off altogether on bright days, while room temperatures reach 70° to 80° even during spells of New England's sub-zero weather.

(Continued on page 114)

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*Baker Furniture, Inc.*  
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- Fried Chicken... Cream Gravy
- Green Peas with Mushrooms
- Lettuce Bowl with Roquefort Cheese Dressing
- Pineapple Ice with Crème de Menthe
- Crème Cake... Coffee

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Dept. G2, 703 The Brack Shops, Los Angeles 14, Calif.

# MODERN HOUSE

continued

DAMORA



THE MASTER BEDROOM is divided in two because Mr. and Mrs. Gropius wanted to sleep in a cool room but dress where it is warm. In order to keep the room half cool, half warm but open in effect, the partition between is mostly glass. A dressing table topped by a slab of black Formica extends the length of the wall. A mirror is fixed to the glass partition. Silvered bulbs are mounted on stainless steel shafts.

# Diamond Plate

Holiday  
Gaiety  
Throughout  
the  
Year



EXQUISITE  
INAUGURATION  
PATTERN



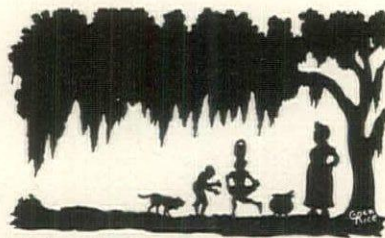
Every meal is a special one when your table is set with Diamond Plate. Priced moderately enough to use daily . . . designed so richly it graces any occasion. The Inauguration Pattern is created for lasting beauty . . . sparkling silver-plated . . . graceful modern contours ornamented with a classic embossed design. Each lovely piece is fashioned and highly polished with the perfection usually lavished only upon sterling silver.

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Folks—



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Please ask for me at your favorite store and if I haven't got there yet it's 'cause I jest ain't had time but folks, I'm gettin' round fast! Oh yes if you want one of each of these good things to eat, we have made just for you a gay box you can find at leading department and specialty stores. It has a down-yonder picture of the Spanish moss on the old live-oak tree and the folks from down-home.

Don't disremember! Our foods are seasoned with a Southern Accent.

You'll be seein' me for sho—  
The Hitching Post Boy

P.S. The boss says "the discriminating host serves Hitching Post."

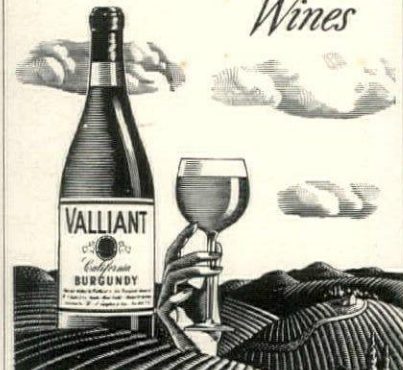
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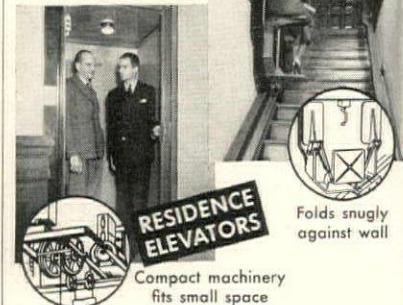
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**AGAINST SIDE OF CONTAINER**

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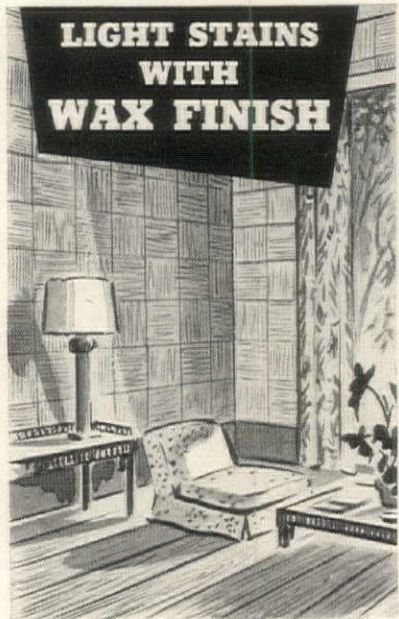
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Have You Tested Your Fire Extinguisher Lately?



THE STUDY has a long double desk with work space and built-in file cabinets for both Mr. and Mrs. Gropius. Opening off it at either end are the living room and entrance hall; there is also a door leading directly to the outdoors. The wall of glass brick which separates the study from the adjacent dining area curves inward to give the living area an effect of openness greater than its actual footage. At night, when the lights are turned on in the dining room on the other side, the whole glass wall becomes suffused with light. A comfortable, steady light for daytime work is provided by the wide, north-facing window above the desk.

(Continued on page 116)



Cabot's Stain Wax enriches color, grain, and texture of interior woodwork and gives a soft, lustrous Wax finish in one easy application. Cabot's Stain Wax penetrates deeply . . . sets up quickly . . . provides a wear-resistant, easily cleaned finish for interior paneling and woodwork. Wide range of attractive shades from soft Ivory to rich Walnut.

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Club Chair #9933 (4 other styles to choose from) **\$79.50**

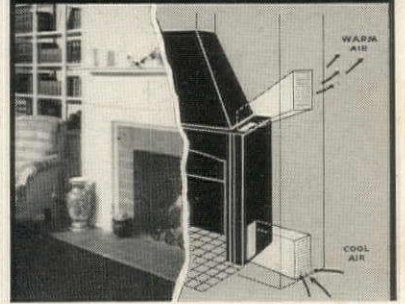


Ladies' Channel Back #9930 (6 other styles to choose from) **\$69.50**

Man's Oversize Lounge #9941 (7 other styles to choose from) **\$89.50**

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**Warms ALL the Room and even Adjoining Rooms**



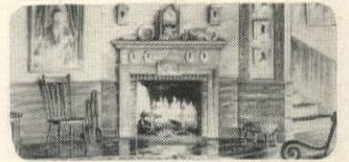
THIS

**Fireplace**

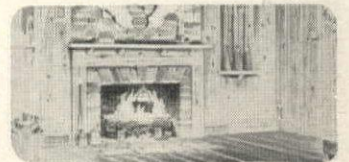
**Circulates Heat**

The Heatilator\* Fireplace draws the cool air from the floor level, heats it, and returns it to far corners of the room. Assures warm floors and uniform room temperatures. Ends the waste and bother of furnace fires on cool spring and fall days. Augments furnace heat during severe weather—serves as an auxiliary heater during fuel shortages, or emergencies. The only heating equipment needed by many homes in mild climates.

Architects and heating engineers recommend the Heatilator Fireplace to solve the heating problem in basement rooms. Ideal for summer homes. Makes camps usable earlier in spring, later in fall and for winter week-ends.



Heats Basement Rooms Quickly



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The Heatilator unit is a scientifically designed steel form around which any style fireplace is easily built. It serves as a form for the masonry, eliminating faults of construction that commonly cause smoking. Saves materials and labor—adds little, if any, to the cost of the completed fireplace.

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MODERN HOUSE continued

BUILDING DATA

**FOUNDATION:** Fieldstone walls; cellar floor—3" concrete on gravel; damp-proofing on outside wall

**EXTERIOR WALLS:** Vertical red-wood siding, asphalt felt—The Barrett Division, Allied Chemical & Dye Corp.; fir boarding, 2" x 4" studs, rock lath—United States Gypsum Co.; plaster—National Gypsum Co.

**ROOF:** Fir boarding and joists, strapping, covered with 5-ply, 20-year-Bond roofing—The Barrett Division, Allied Chemical & Dye Corp.

**INSULATION:** Outside walls and roof—Samuel Cabot, Inc.; weather stripping—Athey Shade Co.; sound insulation in living room, acoustical plaster—California Stucco Co.

**DOORS:** "Sturdibilt"—M. & M. Woodworking Co.

**GARAGE DOORS:** Overhead type—Barber-Colman Co.

**WINDOWS:** Steel sash—Hope's Windows, Inc.; screens—Hope's Windows, Inc. and The Cambridge Wire Cloth Company

**GLASS:** A quality 1/4" and 3/16" sheet and glass blocks—Pittsburgh Plate Glass Co.; 1/4" Louvrex—Blue Ridge Division, Libbey-Owens-Ford Glass Co.

**INTERIOR WALLS:** Bedrooms—wallpaper; dining room, plywood—United States Plywood Corp.; halls—vertical white pine clapboard; bathrooms, tile—Mosaic Tile Co.

**CEILING:** Fir joists, strapping, metal lath plaster—National Gypsum Co.

**FLOORS:** Living room, bedrooms—carpet-covered; halls—cork; kitchen, bathrooms—linoleum

**HARDWARE:** W. C. Vaughan Co.

**PAINT:** Bathroom walls, exterior and interior sash, Dutch Boy lead and oil—National Lead Co.; ceilings, Muresco—Benjamin Moore Co.; floors, wax—S. C. Johnson & Son, Inc.

**ELECTRICAL INSTALLATION:** Wiring system, switches—General Electric Co.; light—  
(Continued on page 117)

Now you can put twice as much in your closets—and keep everything much neater!



JUST TAKE A SCREWDRIVER AND INSTALL ECONOMICAL K-VENIENCES



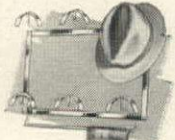
It's easy to make your closets hold so much more... keep everything in easy reach... save on pressing bills. Shining chrome K-Veniences are scientifically engineered to solve specific storage problems. They make your closets so convenient they practically hand out your clothes!

Any shape and size of closet can be fitted perfectly from the more than 40 items. Yet K-Veniences are quickly and easily installed with just a screwdriver. No other home improvement gives so much satisfaction for so little cost.

ASK FOR K-VENIENCES AT LEADING HARDWARE AND DEPARTMENT STORES



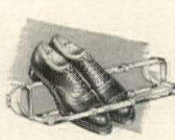
Pants, skirts stay pressed.



Holds 6 hats, plus ties, scarfs, belts.



Keeps clothes neat, clean and handy.



Keeps shoes clean, neat.

Send for THESE FAMOUS CLOSET BOOKS Send 10c for your copy of "How to Make the Most of Your Closets," a 48-page book by the famous authority, Helen Koues; plus a FREE copy of colorful new brochure of closet ideas and equipment.

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**HERE'S HOW:** Pour 2 ozs. Myers's Rum into large cup. Add 2 or 3 tsps. sugar, 2 tsps. butter, and 1/2 tsp. cinnamon, cloves, or mixed spices. Fill with boiling hot water and stir well.

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Also filters out dust, dirt, smoke, pollen. Washes air. Keeps air properly moisturized, crystal clear... Protects home furnishings.

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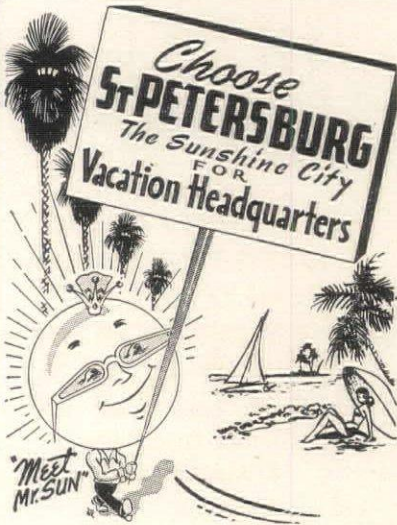
See your dealer—or send coupon for booklet!

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**BUILDING DATA** continued



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All kinds of fun under the sun; something to do and enjoy every happy hour. Increased accommodations, reasonable living costs, traditional hospitality.

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ing fixtures—Light Control Co., Kliegl Brothers Universal Electric Stage Lighting Co. and Kurt Versen

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**BATHROOM EQUIPMENT:** Lavatory, toilet—Briggs Manufacturing Co.; tub—Kohler Co.; cabinets, accessories—Charles Parker Co.

**KITCHEN EQUIPMENT:** Range, refrigerator, dishwasher and disposal unit—General

Electric Co.; sinks—Just Manufacturing Co.; cabinets—Modern Steel Equipment Co. of Geneva Modern Kitchens, Inc.; vent fan and hood—Universal Blower Co.

**PLUMBING:** Vent pipes, galvanized steel—The Cohoes Company; soil pipes—Sanitary Company of America; hot and cold water pipes, red brass tubing—Phelps Dodge Refining Corp.; brass fittings—Northern Indiana Brass Co.

**SHEET METAL WORK:** Flashing, 16-oz. soft copper—Revere Copper & Brass, Inc.; one interior downspout, 4" cast-iron—Sanitary Company of America; ducts, galvanized iron—Republic Steel Corp.

**CORRECTION**

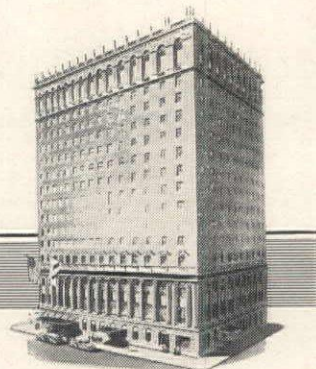
In the October issue of *HOUSE & GARDEN*, two lamps shown in the *Continental Scrapbook* were incorrectly credited. The metal floor lamp on page 132, ascribed to Stilnov, is an Edizione Arteluce, design by Gino Sarfatti. The standing lamp on page 133, described as from Arte e Luce, is an Edizione

Arteluce, design by Franco Duzzi, architect. Arteluce S.A., a firm specializing in lighting, has its offices in Milan, Italy, at Corso Matteotti, 12. In the December issue of *HOUSE & GARDEN* on page 199, Interchemical Corporation's "Highlander Plaid" is a Sanitas fabric wall covering.

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 the  
 world  
 over!

The pleasure of your New York visit will be enhanced if you stop at the Ritz-Carlton where service and accommodations are still measured by time-honored standards!

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**THE WORLD'S LEADING OIL BURNER } the LOW PRESSURE**  
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**CALL YOUR OIL-O-MATIC DEALER**  
 For the name of your nearest Williams Oil-O-Matic Dealer, consult the classified section of your telephone directory under "Oil Burners" or write to the factory at Bloomington, Illinois.

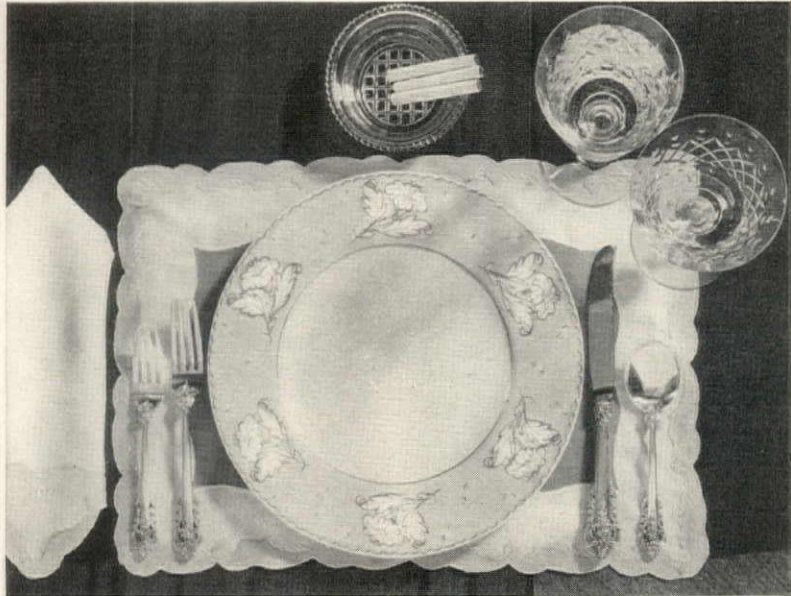
**USE OIL-O-MATIC'S DOLLAR-SAVING FUEL CONSERVATION ENGINEERING. SAVE MONEY NIGHT AND DAY**  
 Your Oil-O-Matic dealer will survey your home and show how to save heat, save fuel. Cut fuel bills as much as 50%.





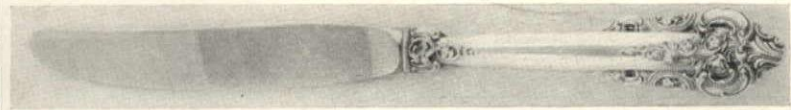
TABLE SETTING continued from page 78

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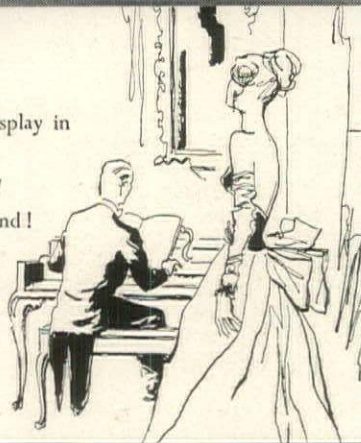
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**FIREPLACE**

continued from page 69

Here is more information on mantels and fireplace equipment, pages 68-69. Prices are approximate, stores are in New York.

*Page 68*

*Upper photograph*

Modern oak mantel with pickled finish, \$195. Virginia greenstone facing, \$80. Brass and black fireplace set, \$95. Scroll andirons, \$125 pair. All from William H. Jackson Co.

Accessories: Shadow boxes (upper left to right), "Arc du Carousel," \$80; "Vue de la Façade du Temple de la Gloire," \$65; "Arc de Triomphe de l'Etoile," \$75. Shadow boxes (center left to right), with hunting figures, \$65; brass military button, \$25; military theme, \$175; flags, \$40. Soldier (lower left to right), \$175; brass torch appliqué, \$35; "Place Vendôme," \$125. Reed & Stevenson Inc.

*Lower photograph*

French Provincial walnut mantel, \$425. Three Antique brass tools, \$80. French Provincial brass andirons, \$70 pair. Brass fender, 42", \$75. Antique iron back plate, \$75. All from William H. Jackson Co.

Accessories: Barometer, \$375; carved wood plaques, \$395 pair; bronze boxes, \$185 pair, Reed & Stevenson Inc. Old Vienna porcelain bowl and plate, \$135, Alfred Orlik, Inc.

*Page 69*

*Upper photograph*

Early American antique pine mantel, \$250. Antique tongs and shovel, \$50. Antique brass andirons, \$95. Fender screen, 38" x 31", \$45. Tôle wood box, \$75. All from William H. Jackson Co. Provincial armchair with checked seat pad, \$750 pair, James Amster. Wallpaper by Imperial, \$2 roll.

Accessories: "Rooster" painting by Ben Zion, \$800 framed, Bertha Schaefer Galleries. Antique Delft covered jars, \$250 pair; antique Nankin saucers on Chinese walnut stands, \$16 each, Hadleigh, Inc. Bronze eagle on marble base, \$15, Reed & Stevenson Inc.

*Center right photograph*

Federal cherry and burl maple mantel, \$165. Antique brass tongs and shovel, \$75. Antique Franklin stove, \$175. Brass coal bucket, \$115, from Edwin Jackson Inc.

Mahogany chair with green upholstered seat, \$450, James Amster. Wall covering by Varlar, "Ravenna," marbled, 15c per sq. ft.

Accessories: Walnut plaques (only one shown) with bronze heads, \$785 pair; bronze figures on wood stands, \$135 pair; brass torch appliqué in shadow box, \$35, Reed & Stevenson Inc.

*Lower photograph*

Chinoiserie mantel, 18th-century, \$350. Chinese Chippendale andirons, \$195. Brass brazier, \$175. Lacework brass fender, \$225. Antique brass poker and tongs, \$35, from Edwin Jackson, Inc.

Accessories: Four carved wood figurines representing the seasons, \$1,000, carved plaque, \$125, Reed & Stevenson Inc.

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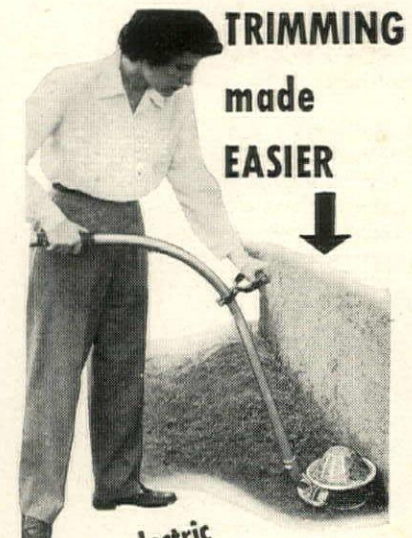


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## Gardening

*The Garden Beauty Book* shows azalea-mums in seven new colors. Obtained by careful hand breeding, these flowers, reaching two inches across, form a continuous color display from August until heavy frost. Many garden flowers are pictured in natural colors. Two other books—*Pools o' Beauty*, 50c, and *Fruit, Fun and Dollars*, 10c—round out gardening references. R. M. Kellogg Co., Box 526, Three Rivers, Michigan.

*"Everything for the Garden"* tells how, where and what to plant, describes new varieties, colors, garden equipment. You'll be interested in the Henderson collection of annuals which includes larkspur, carnation, zinnia, aster, marigold and several other favorites. Planting instructions are given. 25c. Peter Henderson & Co., 36 Henderson Bldg., 35 Cortlandt St., New York 7, N. Y.

*Two Greenhouses—Orlyt and Solar*—contribute to your gardening pleasure. Year round, flowers blossom in the Solar greenhouse—made in 14', 18' and 25' widths, any length in 8' 7" sections—and in the 10' by 11' Orlyt, which comes in sections, has automatic heat, ventilation and watering. Materials come cut-to-fit for easy erection on your grounds. Lord & Burnham, Dept. H, Irvington, N. Y.

*A Seed Catalog* spotlights tuberous begonias. These exotic camellia-flowered plants thrive equally well in your house or garden. Plant details describe them as having large double blooms, all colors mixed. Marigolds, petunias, lilies and zinnias are among other garden favorites pictured, and outstanding vegetable selections are listed. W. Atlee Burpee Co., 390 Burpee Bldg., Philadelphia 32, Pa.

*Rose Book* guides you to the All-America Prize Winners, popular roses, hybrid teas, floribundas and climbers. Horticultural suggestions, devoted not only to roses, describe planting and care of delphiniums, phlox, lilacs. Jackson & Perkins Co., 435 Rose Lane, Newark, New York.

*Bulb and Plant Catalog* has a variety of garden subjects for spring planting. Described are gladiolus, dahlias, begonias, lilacs, irises, perennials. Color photographs point out the beauty of lovely gardens, show hybrid roses and highlight well-remembered garden favorites. Flowerfield Bulb Farm, Dept. 11, Flowerfield, L. I., New York.

*A Horticultural Book-Catalog* is arranged for easy reference. Its index guides you to pages of roses, lilacs, gladiolus, tulips, hyacinths, crocuses, irises, an outstanding flowering shrub section. Plant charts are elaborated by color photographs. Cultural notes are a boon to the amateur and an easy reference for the experienced gardener. 50c. Wayside Gardens, HG 1, 30 Mentor Avenue, Mentor, Ohio.

*The Armstrong Book* contains a plant guide for varying climates and a list of supplies designed to produce a healthy and thoroughly satisfying garden. Citrus, fruit and nut trees, berries and vegetables compose the horticultural lists. Champion roses—Forty-Niner, Tallyho and Taffeta—camellias, shrubs, vines and perennials appear.

Armstrong Nurseries, 409 No. Lemon Ave., Ontario, California.

*Vegetable and Flower Seeds*, instruction notes, indoor gardening and transplanting, are written up in a new catalog. A chart tells when to plant and acquaints you with both Latin and common plant names. New vegetable developments are described. Ferry-Morse Seed Co., HG 1, Detroit 31.

*Vigoro Plant Food*, Endo Pest and Endo Weed, respectively, develop healthy plants, provide a garden defense and kill lawn weeds. Section on Vigoro plant food, for lawns and gardens, contains a gardening chart which gives instructions on use. Swift & Co., Plant Food Div., HG 1, Union Stock Yards, Chicago 9, Ill.

*"Gardening Illustrated."* Flowers, vegetables, depicted in full color, can become an actuality if you follow the cultural notes in the booklet. Gladiolus, roses, morning-glories and newer vegetables comprise an interesting collection. Of special interest is the giant tree tomato, which produces heavily, and consists of potato-leaved plants. Vaughan's Seed Store, Dept. 81, 10 W. Randolph Street, Chicago 6, Illinois.

*"First Aid to Starving Trees"* is an interesting little booklet prepared by the Davey Tree Expert Co. A series of photographs indicates such tree hazards as packed soil, building construction, city streets, and the text enumerates the signs of tree starvation. Davey Tree Food, a scientifically balanced ration, is described. This food, derived from the Davey Research Department, is particularly high in nitrogen, can now be applied by home owners. Tree feeding and watering methods are described in an effort to acquaint home owners with the facts of tree protection and conservation. Davey Tree Expert Co., HG 1, Kent, Ohio.

*"Gifts From Your Garden"* is a free booklet which contains recipes from many parts of the world. Centered around the vegetables you can grow in your garden, the recipes are simple to follow, nutritious. A second booklet, "Lovely Lawns," describes the making and maintenance of lawns. Chapters on soil, seed watering and repairs will help you to select and plant grass seed. Illustrations and plant suggestions show the various types of seed to plant for specific results. Associated Seed Growers, Inc., HG 1, New Haven 2, Connecticut.

## Decorating

*"The Story of Pacific Sheets"* tells how these firm cotton sheets are made, and illustrations acquaint you with the mechanics behind the scenes. Grades of Pacific balanced sheets are given, and a chart will help you decide upon



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sizes. A page indicates how to add to sheet longevity. Pacific Mills, HG 1, 214 Church St., New York 13, N. Y.

*"What Goes with What?"* contains a planning sheet on which to record data about your rooms. Five decorating steps are listed with an eye to overall room arrangement. Rug colors are shown and applied in color sketches of various rooms, and there is a special section on carpet care. 25c to Anne Mason, HG 1, James Lees & Sons Co., Bridgeport, Pennsylvania.

*"Precedent" Furniture by Drexel* is contained in an impressive white portfolio. Vivid full-color pages of 25 different room settings will give you an accurate picture of this new modern furniture. You'll like the Drexel headlines—"It's News Because It's So . . .", and the furniture is appropriate for any type of home throughout the country. 25c. Drexel Furniture Co., HG 1, Drexel, North Carolina.

*"Tips on Towels"* is a handbook to buying. Towel sizes and supply are listed, kind and quality discussed. Two pages describe the buying hints you'll want to know, such as weight, hems and selvages, quality and label. Martex towels in color, in white and with various weaves and designs are displayed as gift suggestions. Decorator-suggested towel and bathroom wall color combinations are listed. The text tells how to launder and care for terry towels, and there are three pages of suggestions for converting worn towels into useful household objects. MARTEX, Wellington Sears Co., HG 1, 65 Worth Street, New York, N. Y.

## Heating

*An Equipment Publication* pictures heating, winter air-conditioning and plumbing for every type of house. Hand-fired or automatic equipment can be used with varied types of architecture. Bathroom plumbing fixtures are illustrated in color. American Radiator & Standard Sanitary Corp., HG 1, P. O. Box 1226, Pittsburgh, Penna.

*The Development of Home Insulation* is recounted in "Comfort That Pays For Itself." Filled with factual data, the booklet describes rock-wool insulation, the protection it offers in summer and winter, and diagrams the critical areas into which crewmen blow the rock wool. Johns-Manville Corp., HG 1, 22 East 40th St., New York 18.

*Textbook* for consumers and technicians is "Automatic Control of Radiant Panel Heating." The theory of controls for panel heating is the subject of the first part of the book. Functions, requirements and mathematics of heating are discussed. The later chapters deal with application of controls—elec-

trical and pneumatic—to panel heating. \$1. Minneapolis-Honeywell Regulator Company, HG 1, Minneapolis.

*"Enjoy Better Living"* with radiant heating. A color-illustrated booklet answers questions about heating systems in regard to comfort, heat distribution, temperature controls, hot water and air conditioning. The facts are based on results of I-B-R research investigations. A pre-planning page tells how to assist heating contractors in designing your house. The Institute of Boiler and Radiator Manufacturers, HG 1, 60 East 42nd St., New York 17.

*"Seven Steps to Indoor Comfort"* provides a new slant on heating. The premise is that we constantly seek a Utopian region of favorable weather, which can be discovered within the walls of our houses. Using air as a source of heat or coolness, the seven steps elaborate such topics as humidity, circulation, cleanliness, freshness, purity, supply. Practical aspects of conditioned air are discussed. National Warm Air Heating and Air Conditioning Association, HG 1, 145 Public Square, Cleveland 14, Ohio.

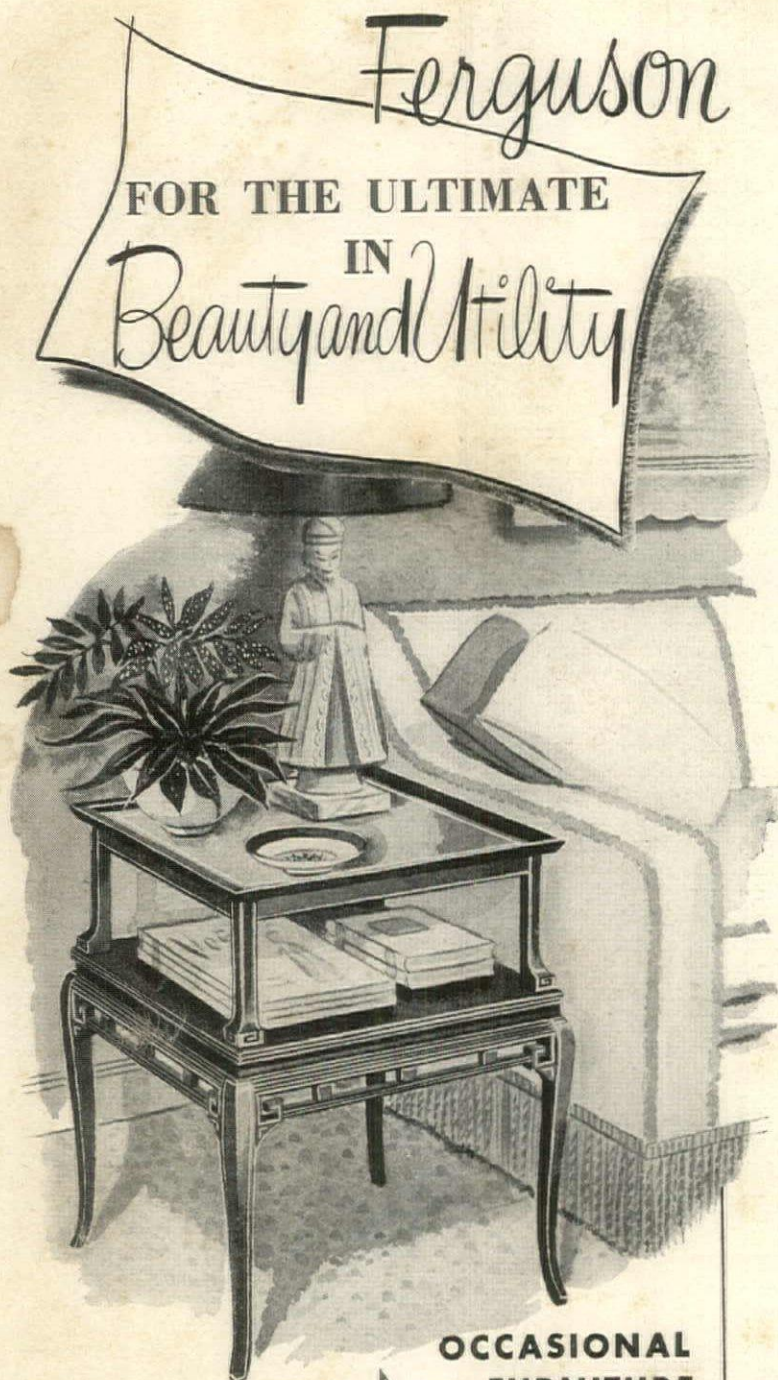
## Miscellaneous

*"Today's Idea House"* contains an index to ideas designed to perk up your interest in doors and windows, and consequently beautify your house. Illustrations show attractive closets, entrance and window designs. They afford many bright angles on a difficult problem. Door and window designs and stock sizes are also illustrated. Room arrangements are attractive—stylewise. 10c. Ponderosa Pine, RH 10, 111 W. Washington Street, Chicago 2.

*"Serving Winfield Style"* is a fine little booklet about Winfield China. This oven-proof, high quality porcelain is versatile—its simplicity makes it equally effective with formal or informal décor. Five table settings for five occasions are pictured and accompanied by a text which includes a suggested menu for each of the five meals. A page of Winfield combination sets is shown. 25c. Winfield China, American Ceramics Products, Inc., HG 1, 1825 Stanford Street, Santa Monica, California.

*Signed Originals* by America's greatest living artists are available for \$5 each. A catalog lists over 75 well-known artists, among them Thomas Benton, Gordon Grant, Lawrence Beall Smith and Luigi Lucioni. The booklet depicts a wide range of subjects—modern and classic—which can fit into or be the basis of a decorating scheme. 10c. Associated American Artists, Studio 101 E, 711 Fifth Ave., N. Y. C.

*"Fundamentals of Water Softening"* is a helpful little book which introduces the Rheem Soft Water Appliance and "Rheemolite," a filter material that sifts out calcium and magnesium particles from hard water and purifies the water sans motors or pumps. The book discusses hard water, how it is softened, and provides some interesting figures on the cost of washing with hard water. A question-and-answer department puts you "in the know" regarding processes and uses of water softeners. 10c. The Rheem Manufacturing Co., HG 1, Pasadena, Calif.



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**Thomson-Stein: Four Saints in Three Acts.** Despite its literal unintelligibility, this genre study in the home life of saints gets cozier every hearing. The composer conducts. RCA Victor Album DM-1244; \$7.25.

**Mozart: Concerto No. 4 for Violin and Orchestra.** Jascha Heifetz wields the bow and Sir Thomas Beecham the baton, with the Royal Philharmonic. What more could a fine concerto ask? RCA Victor Album DM-1267; \$4.75.

**Richard Strauss: Electra.** Sir Thomas Beecham with soloists and the Royal Philharmonic Orchestra cope with the convulsive dynamics of the final scene. Good except for Electra. RCA Victor Album DM-1247; \$6.

**Rachmaninoff: Sonata in G Minor.** Edmund Kurtz, cellist, and William Kapell, pianist, give a moving performance of a haunting, seldom-heard work with a lovely slow movement. RCA Victor Album DM-1261; \$6.

**Saint-Saëns: Samson et Delilah.** Recorded in its entirety in France by French artists who perform admirably, on the whole. Saint-Saëns' opera remains elegantly melodic and static. Columbia Albums MOP-28; \$21.50.

**Moussorgsky: Pictures at an Exhibition.** Vladimir Horowitz with as much technical skill as usual and more than as much feeling conjures up the pictures with marvelous sonority of tone. RCA Victor Album DM-1249; \$6.

**Beethoven: Variations on a Theme by Diabelli.** The stupendous set of 33 variations for piano taxes the endurance of both performer and audience, but is well worth it as played by Leonard Shure. Vox Album 636; \$9.75.

**Dohnányi: Variations on a Nursery Theme.** Cyril Smith, pianist, and the Liverpool Philharmonic under Sir Malcolm Sargent play ebulliently with a piece that only begins in the nursery. Columbia Album MM-779; \$4.75.

**Arias by Isobel Baillie.** A Scotch-born soprano sings a group of exceptionally beautiful arias by Bach, Handel and Haydn with rare musicianship and purity of tone, if not much warmth or color. Columbia Album MM-780; \$6.

**Chopin: Preludes, Opus 28.** Adding to an already impressive list of Chopin recording, Artur Schnabel has turned to the Preludes, conveying with exactitude their familiar charms. RCA Victor Album DM-1260; \$6.

**Benjamin Britten: Four Sea Interludes from Peter Grimes.** Sir Malcolm Sargent and the London Symphony do a forthright job with these evocative portraits of a coastal village. Columbia Album MX-303; \$3.50.

**Scarlatti Sonatas:** Six diversified, pristine sonatas are performed on the piano by Vladimir Horowitz with his customary brilliance and a wider range of coloristic effects than is usual. RCA Victor Album MO-1262; \$3.50.

**Mozart: Concerto No. 7 for Three Pianos.** An agreeable bravura composition is glossily performed by Rosina Lhevinne and Vronsky and Babin with the Little Orchestra Society. Columbia Album MM-771; \$4.75.

**Hamlet.** Excerpts from the sound track of the recent film feature, Sir Laurence Olivier's renditions of the famous soliloquies and William Walton's music. The latter comes off best. RCA Victor Album DM-1273; \$4.75.

**Songs of Irving Berlin.** Six of Mr. Berlin's most deservedly popular songs are delivered by Risë Stevens, whose warm, mezzo-soprano voice goes very well with their romantic sentiments. Columbia Album MM-784; \$3.90.

**Willard Robinson: Deep River Music.** Johnny Mercer and the composer, accompanied by Paul Weston's Orchestra and a chorus, sing a number of songs inspired by Negroes of the South. Capitol Album CC-104; \$3.15.

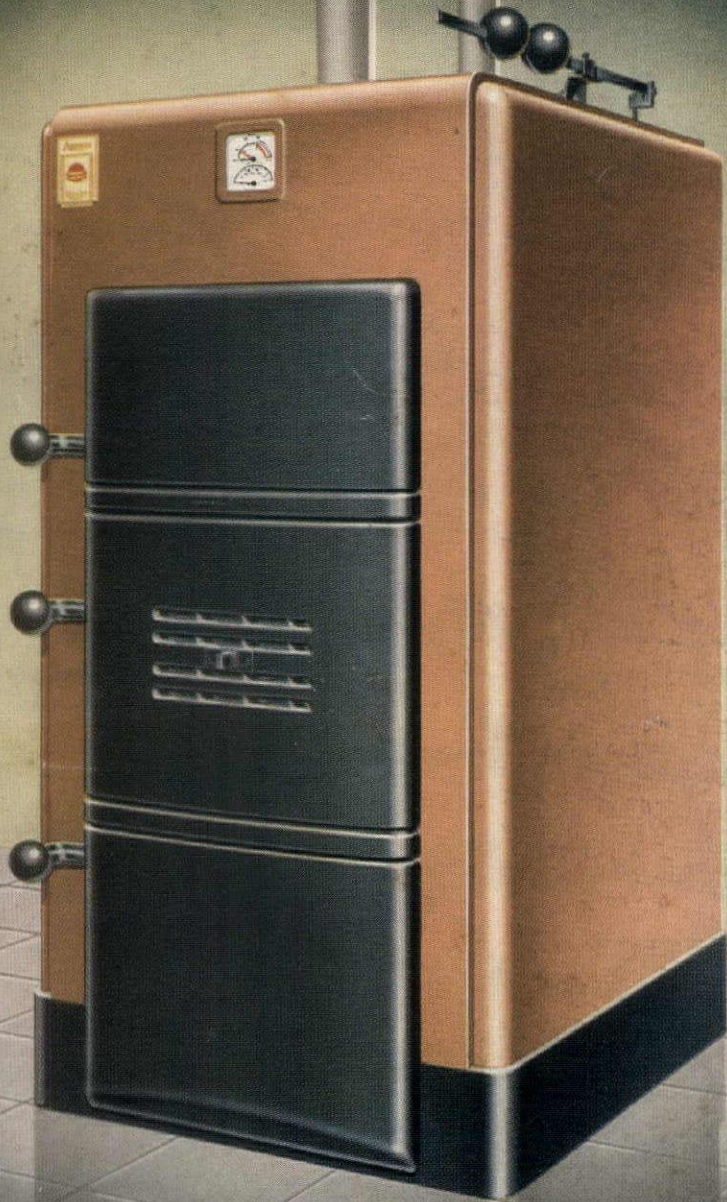
**Cocktail Capers.** Agreeable, sophisticated arrangements of popular tunes mostly on the old side, are played by the Art Van Damme Quintette, a quietly-behaved group that is easy to listen to. Capitol Album CC-105; \$3.15.

**Motion Picture Favorites.** It is apparently impossible to be a favorite song without being an unabashedly romantic one. A subdued Kostelanetz plays them more or less as they come. Columbia Album MM-750; \$4.90.

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