

# HOUSE & GARDEN

**Double Number**

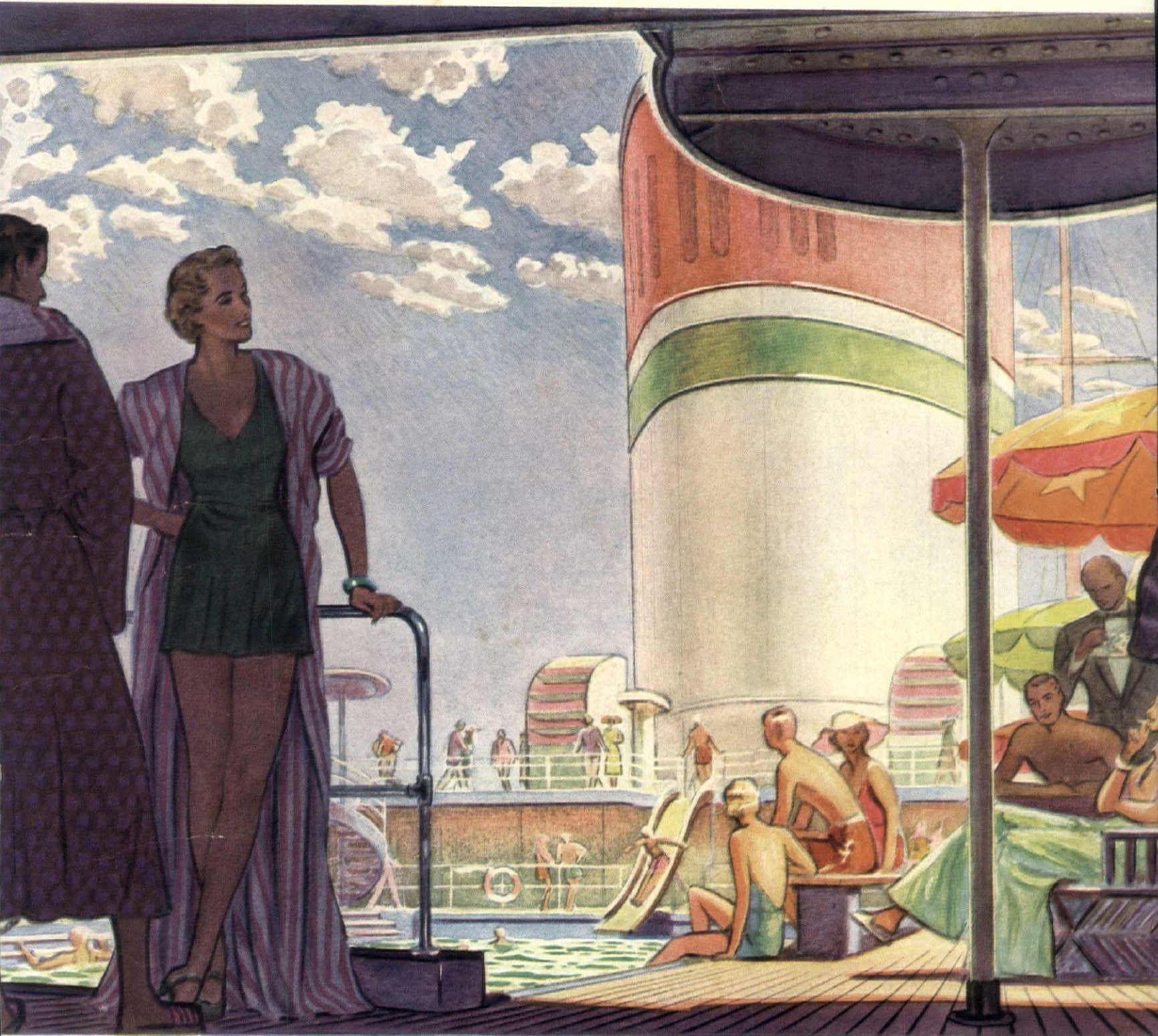
**Section I  
Practical Decoration**

**Section II  
30 Houses and Plans**

**Price 35 Cents**



# Winter takes a Lido holiday



LIDO DECK—Conte di SAVOIA

WINTER goes a-summering on the Southern Route! Though the calendar wears a frosty look, it knows no power to change the bright skies, the blue waters, the friendly temperatures . . . as your Italian liner approaches mid-ocean, skirts the Azores, pauses at Gibraltar and moves serenely on into the placid Mediterranean.

"Lido" takes command! Thanks to the beneficent weather . . . and thanks many times over to the design and construction of Lido ships . . . your Winter crossing is transformed into a beach-revel of warmth and



*The Thermometer Tells the Story!* . . . 69° is a fairly normal noon temperature on a typical Southern Route crossing . . . though it may be freezing at home. Ask your Travel Agent for our illustrated weather-map booklet giving comparative statistics: "Why It's Called the Mild Southern Route".

sunshine. For this is the *open-air* way to all Europe, especially in the cold months. Board the great Rex, the gyro-stabilized Conte di Savoia or the charming Roma, for an express voyage. Or treat yourself to the leisurely nine or ten port itinerary of the popular Vulcania or Saturnia . . . if you can afford the time to *see more* on your way to Europe.

In either case, be sure to pack your favorite beach-robe and sandals!

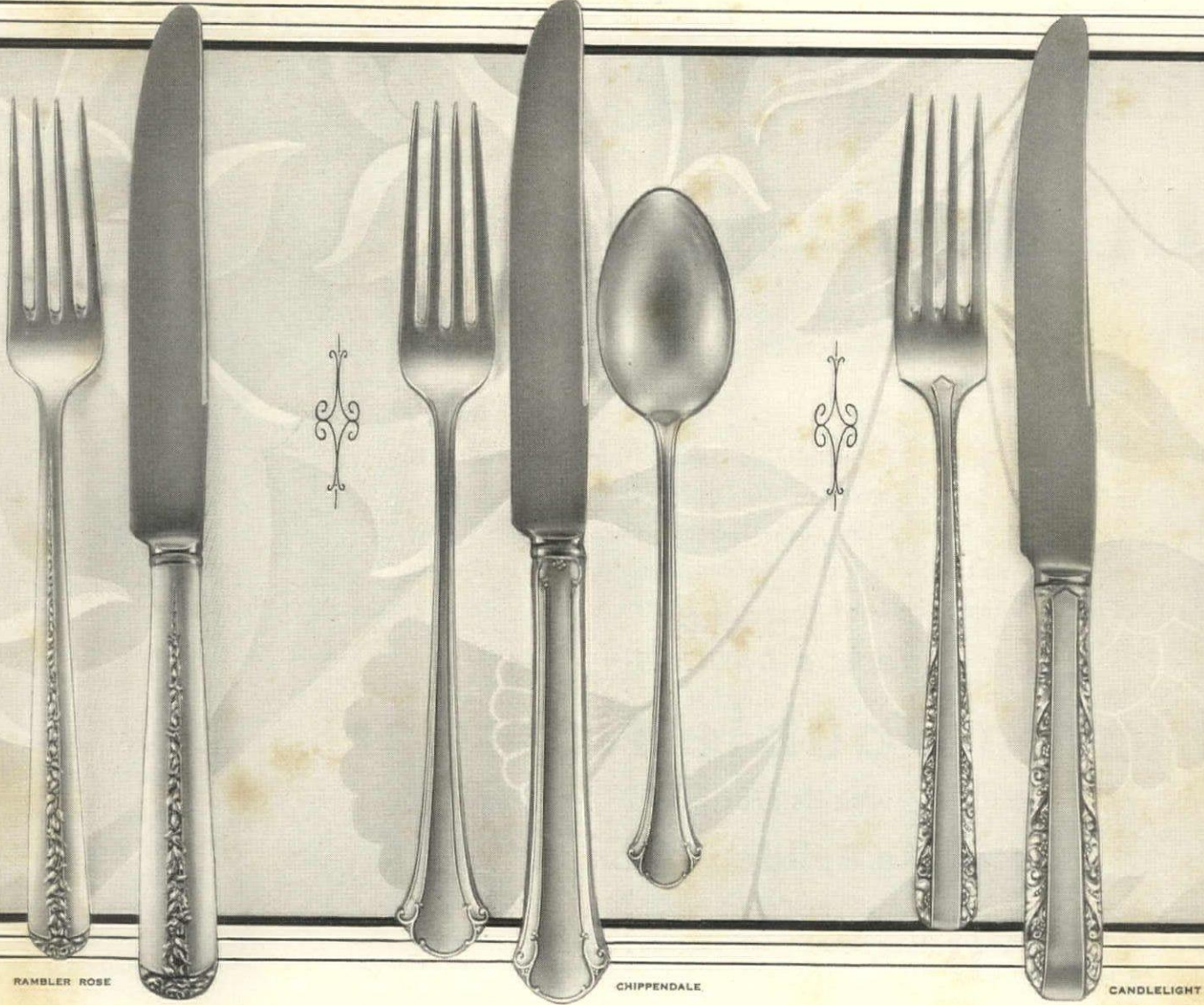
The leading **TRAVEL AGENTS** in your city are our representatives. Consult them freely—their services are gratis. Or apply to our nearest office: New York, Philadelphia, Boston, Cleveland, Chicago, Los Angeles, San Francisco, New Orleans, Montreal, Toronto.

## ITALIAN LINE



# One of These Was Designed For You

We don't know where you live. We don't know your name. We do know that you are one of the beauty-loving women who long to own lovely Sterling.



RAMBLER ROSE

CHIPPENDALE

CANDLELIGHT

So we proudly offer you Sterling in a number of beautiful designs ranging from utter simplicity to rich decoration — each one distinctive in a permanent, lasting loveliness of its own. Surely one of them will reflect your own love of beauty. • So choose your TOWLE pattern now, and be confident it will live with you in gracious service for ever and a day.

Remember, too, that all TOWLE patterns are open stock, and are very reasonably priced for Sterling of such perfection of design, craftsmanship and finish.



CASCADE

ROYAL WINDSOR

CRAFTSMAN



Write for pictures and prices of all Towle patterns with chart of engraving suggestions.

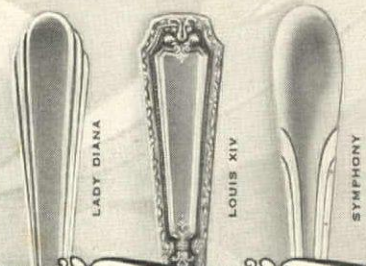
**NEW BOOK FOR BRIDES** — "How to Plan Your Wedding and Your Silver."

**THE TOWLE SILVERSMITHS**—Dept. G-2  
Newburyport, Massachusetts

Please send free folders on \_\_\_\_\_ patterns.

I enclose 10 cents for new book.

Name and Address \_\_\_\_\_

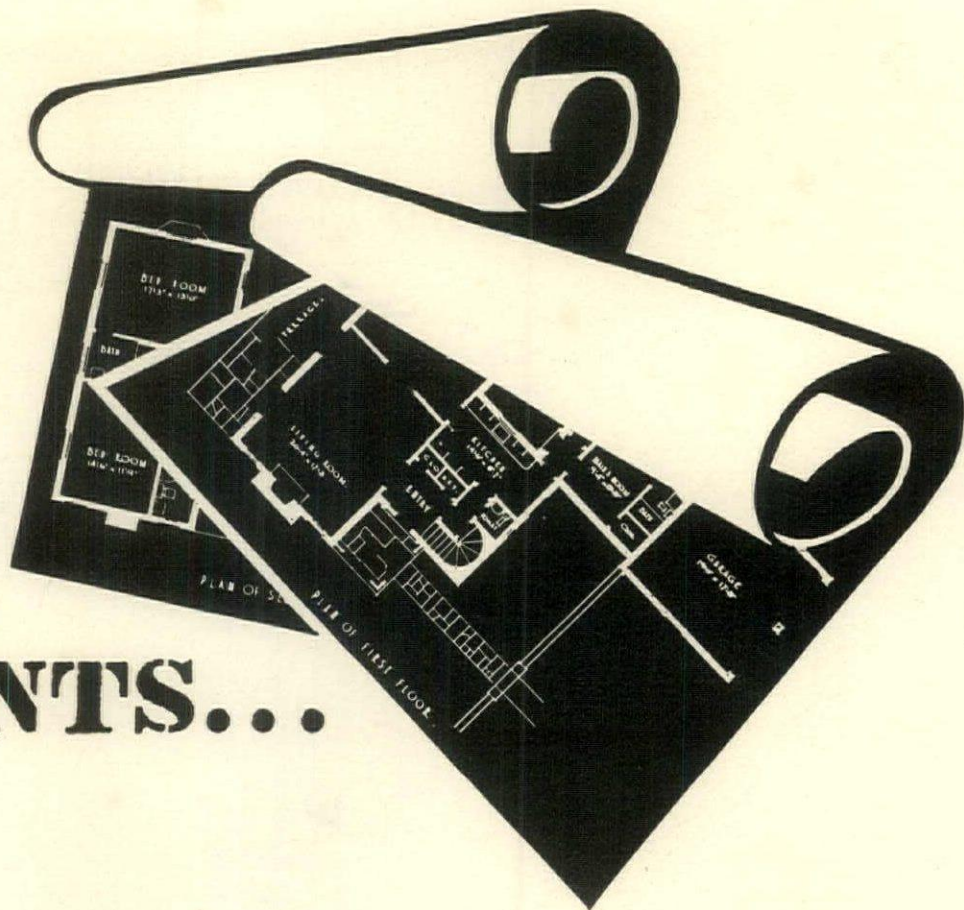


LADY DIANA

LOUIS XIV

SYMPHONY

# AFTER THE BLUE-PRINTS... WHAT?



In this, the February Home-Building Double Number of House & Garden—with its “Portfolio of 30 Distinguished Houses”—you have at hand a host of new ideas for the design of your home. Next, you’ll want to know how to go about building and equipping it. For this information, look to . . .

HOUSE & GARDEN'S

## March Double Number

with its practical

### “Home Builder’s Manual”

“A better house for the money in 1938!” That’s the theme of the March Home-Building Double Number of House & Garden.

Another two-volume feature issue, it devotes one entire, separately-bound section to the subject of the “mechanics” of the modern home, providing a practical, graphically illustrated textbook and guide for the layman in which the latest, most approved methods of construction . . . the newest comfort features and equipment . . . and the most effective ways and means of making the home-building dollar go farther and get more . . . are exhaustively treated.

Months have been required to collect and assemble this valuable storehouse of authoritative information—data which no one contemplating the building or improving of a home can well afford to be without.

For convenient reference, the subject matter is divided into four groups as follows:

**AIR-CONDITIONING; INSULATION; HEATING** — with emphasis on the new developments announced this Spring.

**LIGHTING AND WIRING**—with a thorough analysis of wiring systems and illustrations of new fixture designs.

**BATH, KITCHEN AND LAUNDRY** — considered from the decorative as well as the functional angle.

**SOUND CONTROL; TERMITE CONTROL; DRAINAGE** —covered in discussions by leading experts in these fields.

From the widespread interest already manifested in the March Home-Building Double Number, a record demand for this issue is assured. Consequently, we advise you to have your news-dealer reserve a copy for you now. The price of the March Home-Building Double Number will, as usual, be 35¢.

#### Highlights of Section I of the March Double Number

The First Section of the March Double Number is a complete magazine in itself, embodying all of House & Garden’s regular editorial features. In addition, it will contain:

#### The Spring Gardening Guide

—a comprehensive Portfolio of practical counsel for the gardener—new ideas on “What to Plant” and authoritative information on “How to Plant It”;

#### Decorative Backgrounds

—an 8-page Portfolio on practical decoration, illustrating correct room treatments. This is Number II in a series of monthly features, in each of which an important decorative problem is presented and solved.

**House & Garden’s MARCH DOUBLE NUMBER on sale February 20th**



# Economy and Elegance

## "BURLINGTON HOUSE" CAMBRIDGE CLOTH

AN EXCLUSIVE DESLEY DESIGN —

Now you may add to your rooms that extra elegance you've been wanting and still be well within your budget... This "Burlington House Special," in rich, floral motif, comes in charming color combinations to blend with every decorative scheme. A luxurious, extra-heavy, all cotton print 50" wide. Let your favorite store fashion beautiful slip covers and draperies of lovely "Burlington House" Cambridge Cloth to fit your individual requirements. Take advantage of special pre-season prices. Write for the name of your nearest dealer.

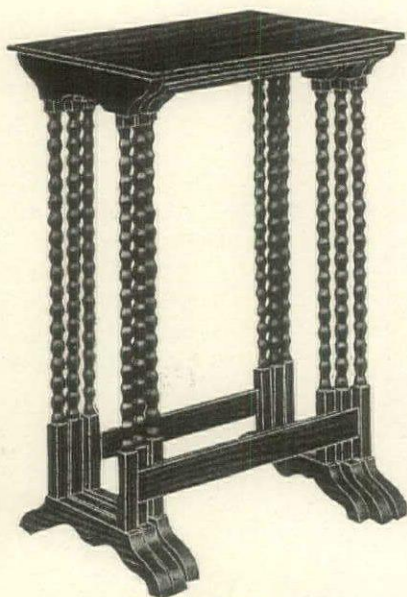
# Desley

**FABRICS** NEW YORK

Partial list of stores featuring "Burlington House" Cambridge Cloth:

- |   |   |  |   |
|---|---|--|---|
| Akron, O.....The M. O'Neill Co.                   | Duluth, Minn.....Duluth Glass Block Store                     | New Haven, Conn.....The Edw. Malley Co.          | San Antonio, Tex.....The Wolff & Marx Company       |
| Albany, N. Y.....W. M. Whitney & Co.              | Elgin, Ill.....Joseph Spiess Company                          | Newport News, Va.....Nachman's Dept. Store, Inc. | San Francisco, Cal.....Raphael Weill & Company      |
| Appleton, Wis.....Pettibone, Peabody Co.          | Elmira, N. Y.....S. F. Iszard Company                         | New York, N. Y.....Ludwig Baumann                | San Diego, Cal.....H. L. Benbough Co., Ltd.         |
| Asheville, N. C.....Bon Marche, Inc.              | El Paso, Tex.....Popular D. G. Company                        | New York, N. Y.....Bloomingdale Bros.            | San Jose, Cal.....L. Hart & Son Co., Inc.           |
| Baltimore, Md.....Rich's, Inc.                    | Fort Worth, Tex.....The Fair                                  | Norfolk, Va.....W. G. Swartz Co., Inc.           | Schenectady, N. Y.....The Carl Co.                  |
| Bloomington, Ill.....G. A. Ensinger & Sons        | Garden City, L. I.....Frederick Loeser & Co., Inc.            | North Adams, Mass.....McCraw & Tatro, Inc.       | So. Bend, Ind.....Robertson Bros. Dept. Store, Inc. |
| Boston, Mass.....Jordan Marsh Company             | Glens Falls, N. Y.....L. Lazarus & Sons                       | Oakland, Calif.....Kahn's                        | Spokane, Wash.....Spokane D. G. Co.                 |
| Bridgport, Conn.....The D. M. Read Co.            | Hartford, Conn.....G. Fox & Company                           | Oklahoma City, Okla.....John A. Brown Co.        | Springfield, Ill.....Johnston-Hatcher Co.           |
| Brooklyn, N. Y.....Frederick Loeser & Co., Inc.   | Indianapolis, Ind.....Wm. H. Block Company                    | Omaha, Nebr.....J. L. Brandeis & Sons            | Springfield, Mass.....Forbes & Wallace, Inc.        |
| Buffalo, N. Y.....Adam, Meldrum & Anderson Co.    | Jacksonville, Fla.....Cohen Brothers                          | Pasadena, Cal.....Hertel's Dept. Store           | Stamford, Conn.....Four-In-One Shop                 |
| Canton, O.....The Thurin Carpet & Rug Co.         | Kansas City, Mo.....Geo. B. Peck Company                      | Peoria, Ill.....Block & Kuhl Co.                 | Syracuse, N. Y.....E. W. Edwards & Son              |
| Champaign, Ill.....F. K. Robeson                  | Kokomo, Ind.....Wm. H. Turner Co.                             | Philadelphia, Penna.....Lit Brothers             | Tacoma, Wash.....Rhodes Bros.                       |
| Charleston, W. Va.....Woodrum Home Outfitting Co. | Lewiston, Me.....B. Peck Co.                                  | Phoenix, Ariz.....Dorris-Heyman Furniture Co.    | Tampa, Fla.....Maas Brothers                        |
| Charlotte, N. C.....J. B. Ivey & Co.              | Los Angeles, Cal.....Pfeifer Bros., Inc.                      | Pittsburgh, Penna.....Joseph Horne Co.           | Terre Haute, Ind.....The Root Dry Goods Company     |
| Chicago, Ill.....Carson Pirie Scott & Co.         | Louisville, Ky.....The Stewart Dry Goods Co., Inc.            | Portland, Me.....Porteous, Mitchell & Braun Co.  | Toledo, O.....Lamson's                              |
| Cincinnati, O.....The H. & S. Pogue Company       | Memphis, Tenn.....B. Lowenstein & Bros., Inc.                 | Providence, R. I.....Lukey Platt & Co.           | Torrington, Conn.....Dankin's                       |
| Cleveland, O.....The Halle Bros. Co.              | Miami, Fla.....Burdine's                                      | Pueblo, Col.....The Outlet Company               | Troy, N. Y.....Wm. H. Frear & Co., Inc.             |
| Columbus, O.....The F. & R. Lazarus & Co.         | Milwaukee, Wis.....The Herzfeld Phillipson Co. (Boston Store) | Richmond, Va.....Krews, Beggs Dry Goods Co.      | Tucson, Ariz.....Jacome's Dept. Store               |
| Danbury, Conn.....Bohan's of Danbury              | Minneapolis, Minn.....The Dayton Company                      | Richmond, Va.....Miller & Rhoads, Inc.           | Utica, N. Y.....J. B. Wells & Son Co.               |
| Dayton, O.....Elder & Johnston Co.                | Muncie, Ind.....Banner-Whitehill, Inc.                        | Rochester, N. Y.....Sibley, Lindsay & Curr Co.   | Washington, D. C.....Mayer & Company                |
| Decatur, Ill.....Gebhart-Gushard Co.              | Nashville, Tenn.....The Cain-Sloan Co.                        | St. Louis, Mo.....Stix, Baer & Fuller Company    | Waterbury, Conn.....Bedford Silk House              |
| Denver, Col.....Denver Dry Goods Co.              | Newark, N. J.....L. Bamberger & Co.                           | St. Paul, Minn.....Schunemans and Manheimers     | Williamsport, Penna.....L. L. Stearns & Sons        |
| Detroit, Mich.....The J. L. Hudson Co.            |   |  | Worcester, Mass.....Denholm & McKay Company         |
|   |   |  | York, Penna.....Chas. H. Baer & Co.                 |
|   |   |  | Youngstown, O.....The Strouss-Hirschberg Co.        |

# SHOPPING



## Mahogany Nest of 3 Tables

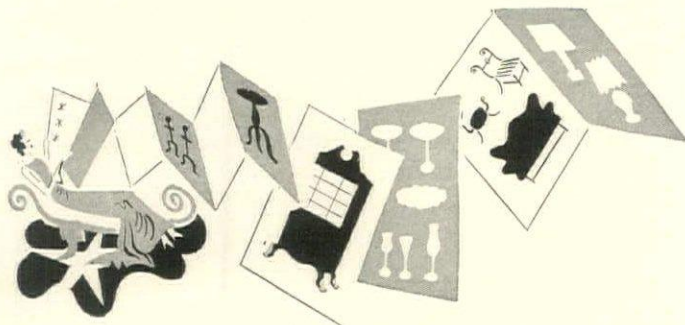
No. 333—Made of selected Mahogany, with attractive spool turnings as illustrated. From the period of about 1800. Top of largest table is 13 x 19 inches.

Mid-Winter Sale Price **\$36.25**

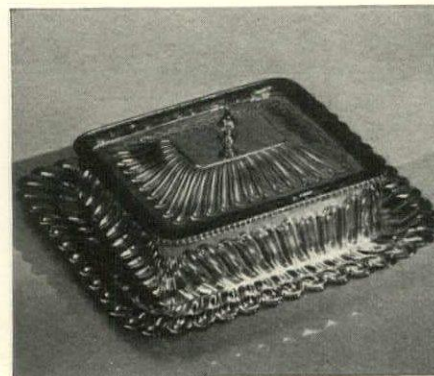
Send 10c for Mid-Winter Sale Catalogue "C"

**BIGGS ANTIQUE CO.**  
318 EAST FRANKLIN ST.  
RICHMOND VIRGINIA

Branches: 1217 Conn. Ave., Washington, D. C.  
221 Peachtree St., Atlanta, Ga.



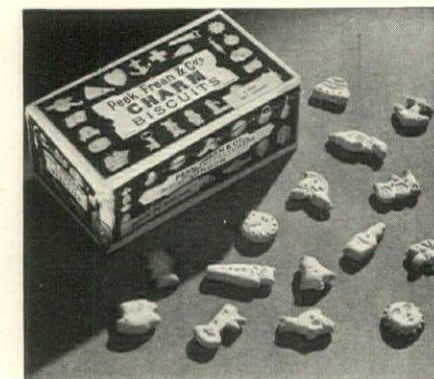
VALENTINE greetings with more than the usual spice and sweetness. The plaid taffeta box, filled with Luxuro petite chocolates, is aptly entitled "Cross My Heart", and costs \$1.75. The quilted box is filled, furthermore, with a gold box of chocolates, for \$5.00. From Schraffts, 58 West 23rd Street, New York



Nor even the fussiest sardine would object to being packed in such a dish. For sardines, or hors d'œuvres of any kind comes this lovely fluted box and tray, of silver on copper, lined with glass. Exquisite for a formal dinner, late supper, or high tea. It is made in England, and the price is \$18.50 at Olga Woolf, 509 Madison Ave., New York



A DEMURE and dainty old-fashioned lady holds a lamp for a child's bedroom, delights the owner with her quaint simplicity. She is concocted of wood, painted in bright colors, with an amusing suggestion of a muff on her dangling cord arms. You may purchase her for \$10.00 at W. & J. Sloane, Fifth Avenue at 47th Street, New York



THE old-fashioned animal cracker remodelled. English crackers from Peek, Frean & Co. take on new guises in all kinds of whimsical shapes—keys, umbrellas, locomotives, beehives, helmets, watches, bells. They're called "Charms", and a 6-ounce box may be had for 60c at Park & Tilford, Fifth Avenue at 57th Street, New York

## Spinet Grand

Exclusively by

# MATHUSHEK

EST. 1863

The most Sensational Piano Development of the Century.

This exquisite instrument, originated and exclusively fashioned by the old established House of Mathushek, has thrilled America since 1931.

A Grand Piano in which decorative adaptability has been combined with tonal beauty. Send for Booklet H.



The Grand Piano in Spinet Form. "Only Mathushek makes the 'SPINETGRAND'."

**MATHUSHEK** 43 WEST 57 ST.  
NEAR FIFTH AVE., N. Y.



## BURLINGTON HOUSE CAMBRIDGE CLOTH

Cleverly combining elegance and economy. Rich floral motif in pleasing color effects. Have your slip-covers and draperies custom-made by our own experts. This excellent cotton print, 50 inches wide, also sold by the yard.

Exclusive in Atlanta, Ga. at

**RICH'S**

# INTERIOR DECORATION

FOUR MONTHS PRACTICAL TRAINING COURSE

Spring Term Commences February 2nd

Intensive training in the selection and harmonious arrangement of period and modern furniture, color schemes, draperies, wall treatments, etc. Faculty composed of leading New York decorators. Cultural or Professional Courses. Also two-year course in Design. Day or Evening Sessions. Send for Catalog 1-R

## HOME STUDY COURSE

Those who cannot come to New York may take the same subjects by the Home Study method. Students obtain personal assistance from our regular Faculty. No previous training necessary. Practical, simple, authoritative and intensely interesting course. Requires a few hours weekly in your spare time. Start at once. Send for Catalog 1-C

**NEW YORK SCHOOL OF INTERIOR DECORATION**  
515 Madison Avenue Established 1916 New York City

# AROUND



If you are interested in any of the things shown on these pages, kindly send your checks or money orders directly to the shops. In each case, for your convenience, the address is listed in full



COLORFUL bonbons, small fruits, or marzipan if you have it, take on added brilliancy in this covered glass compote. Made of fine crystal, it stands about 8 inches high and serves also as an ice-box mold for gelatin or frozen desserts. It would also hold bath salts handily. \$6.00. Obtainable from Evelyn Reed, 524 Madison Avenue, New York



THE last word in lingerie luxury. Monogrammed cases made by the expert quilters of Kentucky. Available in Luracel taffeta (Celanese) in twenty shades for \$13.50, in Panne satin (Celanese) or pure silk satin in eighteen shades for \$17.50. They may be lined with the same or contrasting colors. Sara Hadley, 11 East 54th St., New York



ONE of the best ways to lend polish to your furniture. The finish of decorators and antique dealers, which cleans and shines in one application, helps to keep the lovely patina of precious woods. It's made by a secret formula and is scented with English bouquet. A jar can be obtained for \$1.00 from Mark Jackson, 35 West 58th Street, New York



FRUIT gains new freshness on salad plates like these. The centers are painted with different fruits in natural but subtle colorings, and borders varying from dark burgundy to green and deep blue. The plates are approximately 8 inches in diameter, and a set of six can be obtained for \$6.50. Scully & Scully, 506 Park Avenue, New York



## America's most distinguished MODERN!

A greater Modernage... newly enlarged, newly decorated... presents distinguished Modern for 1938! With an eye to the N. Y. World's Fair, we have created original designs interpreting the trend toward more gracious interiors. As in the past 12 years, we continue to set the style in finer Modern!

**Modernage**  
162 East 33rd St.  
New York

MME. MAJESKA  
Consultant Decorator



### Front Door Appeal!

Does Your Home Have It?

OUR NEW CATALOG, "Entrance Appointments", now ready. Illustrating everything for the front door and hall. Letter Boxes, Foot Scrapers, Railings, Knockers, Lighting Fixtures, Name Plates, Signs, Bells, Hardware, House Numbers, Door Stops, Chimes, Shrines, Grilles, Interviewers, Period Porches, Card Trays, Candlesticks, etc. In Brass, Iron & Lead. Modest prices.

Send 15c in stamps for "Entrance Appointments".

**KENNETH LYNCH INC.**

Armors & Metal Craftsmen

8-14 37th Ave. Long Island City, N. Y.



*I never saw a purple cow  
I never hope to see one;  
But anyway, this much I know—  
I'd sooner see than be one!*

—GELETT BURGESS

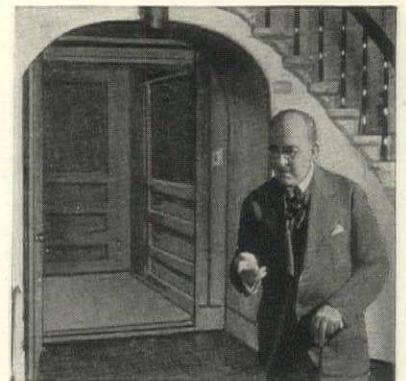
### A PURPLE COW

Hope to see one browsing among your books—or in some favorite spot. This delightful, whimsical pottery study, 8 1/2 x 6 inches, postpaid in the U. S., \$3.50. And a sad-eyed, droll Purple Calf, 6 x 4 1/2 inches, \$1.95, postpaid.

### RENDEZVOUS GIFT SHOP

523 Bangs Ave. (Dept. F), Asbury Park, N. J.

We  
Invite You to  
RIDE  
Upstairs on a  
*Sedgwick*



So that you, too, may better realize its many advantages, we invite you to visit our offices and ride on a Sedgwick Electric Residence Elevator. Operate it yourself and learn how safely, how smoothly, how pleasantly you can travel between floors *without exertion*. Note how little space a Sedgwick requires, how readily it can be installed in your home for the convenience of all members of your family—and guests. Recommended by physicians to avoid needless heart strain, and for invalids. A single investment in better health that will last a lifetime. And the cost is moderate. SEDGWICK MACHINE WORKS, 146 West 15th St., New York. Established 1893.

★ WRITE FOR ILLUSTRATED BOOKLET ★

Also Dumb Waiters, Fuel Lifts & Trunk Lifts



HATS  
AND  
SHOES  
ARE ORPHANS  
... UNLESS

**P**ITY your poor hats and shoes. There's never a spare corner for them in the usual luggage. Hence, this special hat-and-shoe case of "Chief Oshkosh" duck. Pockets for

no less than six pairs of shoes. And wide open spaces for hats too. Note the tray for lingerie. This handsome haven for hats and shoes is \$50. Matching suitcase (21"), \$32.50

**OSHKOSH TRUNKS, INC.**

10 East 34th Street, New York

H  
A  
V  
E  
  
Y  
O  
U  
  
A



**FOTO-TAINER**

in your home? You may not know it, but you need one. So easy to arrange and keep pictures. So easy to show them to all your friends at the same time.

Pass the picture, NOT the Album. Beautifully made, each sewn pocket holds 12 prints up to 4 x 6"—loose-leaf. Send for two days' inspection.

	Small	Library	Slide-in back
No. of Pockets	12	24	40 to start
Imitation Leather	\$2.00	\$2.75	\$4.00
Genuine Leather	2.75	3.75	6.00
Antiqued Cowhide	3.50	5.00	7.50
Morocco	4.00	7.50	10.00

Antiqued cowhide and morocco lined in silk

Complete catalogue on request

If money is sent with order, initials or name stamped in gold FREE.

**MEVI**, 228 E. 45 St., New York, Dept. H.G.



**YOUR GARDEN**

Enhance its natural beauty with shapely, colorful Terra Cotta. Sun Dials, Jars, Vases, Benches, Gazing Globes, Bird Baths, etc. Send 10 cents in stamps for illustrated brochure.

ESTAB  
1810

**GALLOWAY POTTERY**

3218 Walnut Street, Philadelphia  
On display, 123 East 24th St., N. Y. C.



FRENCH  
PROVINCIAL FAIENCE  
**QUIMPER**

A traditional-quaint tableware carried in "open stock."

Write for illustrated booklet.

**Carbone**  
INC.

342 Boylston Street, Boston

At Your Next Party  
Tickle His  
Palate with  
**SMOKED TURKEY**

There is nothing quite like Pinesbridge Farm Original Smoked Turkey. Young birds cured, and smoked over apple-wood fires, give you a taste thrill you will never find elsewhere. Just the thing for winter parties. Use as entrees, sandwiches, canapes and hors d'oeuvres. Turkeys reach you ready to serve, 7 to 15 lb. smoked wgt. \$1.20 a lb. east of Rockies, express prepaid. You will be satisfied—or your money comes back.

Booklet on request.

Pinesbridge Farm, Box N-2, Ossining, N. Y.

**PINESBRIDGE FARM  
SMOKED TURKEY**



**SHOPPING**

Your cocktail guests will get a kick out of these small napkins. They harbor a set of endearing white burros on a blue or red blocked ground, and hail from California. Made of natural-colored linen with fringed edges, a set of twelve costs \$2.50 and can be found at Bitter and Loud, 209 East 72nd Street, New York City



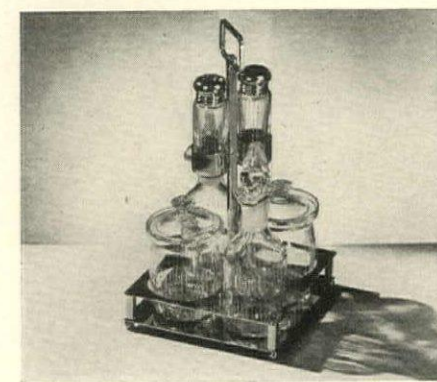
**BOUDOIR** bijoux. Universally acceptable is this black and gold lacquered cup for powder. About 2 inches in diameter, it is just large enough to hold the tiny complexion brush to match. The cup is 50 cents, the brush \$1.00. There is also a set in a larger size for \$1.75, and a smaller, \$1.00. Baker's, 1724 Chestnut Street, Philadelphia, Pa.



**RICH** and rare as a coral reef—"Catalina" tropical fish, worked in delicate rose, green, and gold on deep-piled luscious hand-woven white chenille—a bath set to dress a bathroom in its very best. The complete set of seven pieces—two bath towels, two hand towels, two wash cloths and a bath mat—is \$24.50. Mosse, Inc., 750 Fifth Avenue, New York



A VERY modern interpretation of the old-fashioned condiment set, clear-lined and simple for contemporary salad faddists. The frame is chrome in two tiers and stands about 12 inches high, with line-cut crystal fittings for salt, pepper, vinegar, oil, and two mustards. \$10.95 at Hammacher-Schlemmer, 145 East 57th Street, New York



**QUEEN ANNE COFFEE TABLE  
PERIOD ABOUT 1720  
SOLID MAHOGANY**

Size, Height, 18 inches; top, 23 x 17 inches. Old dull, hand rubbed finish. A splendid table for serving.

**SPECIAL PRICE \$22.50**

f.o.b. Richmond, Va.

Our new catalog sent postpaid on receipt of 15c in stamps or coin. Send for it.

**VIRGINIA ARTS & CRAFTS**  
"Re-Creators of the old Virginia Furniture"  
207 E. FRANKLIN ST. RICHMOND, VA.

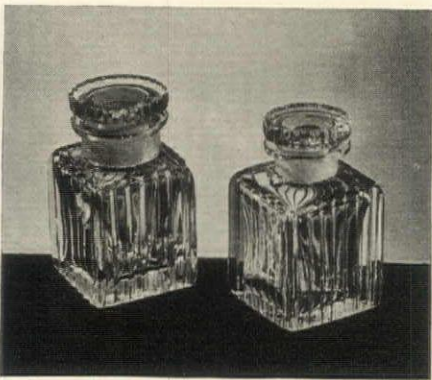




# AROUND



If you indulge in tea or coffee sprees, Oddities, at 872 Madison Avenue, will cater to your special cravings. They carry this superior blend of Colombian coffee at 70c a pound, or Darjeeling tea, an Indian tea so luxurious and tasty that usually a mere pinch is added to ordinary brews for flavor. \$3.00 a pound and grown in J. P. Morgan's Indian garden.



Clearly necessary for the well being of your bath paraphernalia—glass bottles that come with either wide or narrow necks. Convenient choice new in the annals of bathroom accessories, making them equally accommodating to salts, powders, or liquids. 4 inches high, \$3.00 apiece. Can-Dle Luxe Shops, 542 Madison Avenue, New York



You can cut canapé capers with a handy "Sampler Kit" of blended cheese. Five varieties aged in proper and individual wines. Such gourmandish mixtures as Roquefort in brandy, or Edam in sauternes are included. A set of five 2-ounce tubes costs \$1.50 at the Dutchess Food Specialties Company, 1945 Park Avenue, New York



BARBARA (Shoot-if-you-must) Fritchie in her home in Frederick (Md.) rested her feet on a footstool exactly like this one, which is made by the Virginia Craftsmen, Inc., at 222 East 46th Street, New York. An accompanying brass tag certifies its relationship to Barbara's stool. About 9 inches high, \$6.00 upholstered (\$5.00 plain)



## OUTING KIT

ARE YOU GOING AWAY?  
An outing kit that contains two quart size thermos bottles each with 4 cups and a sandwich box neatly fitted in a pigskinlike case.

Complete **\$6.85**

*Scully & Scully, inc.*

"The Smart Gift Shop of New York"  
506 Park Avenue, New York  
at 60th Street  
Wickersham 2-2590

Baronial Luxembourg Les Cinq Fleurs Frontenac



## Unusual Opportunity

To fill in your inactive and obsolete patterns of flat silver. We have accumulated more than two hundred of these patterns, such as:

Bridal Rose	Lily-of-the-Valley
Canterbury	Louis XV
Frontenac	Medici
Georgian	Norfolk
Les Cinq Fleurs	Orange Blossom
Lily	Violet

This silver has been used and refinished and is offered in first-class condition and materially under the price of new silver.

## ☆ Unusual Silver ☆

We have one of the largest stocks of unusual silver in the United States, consisting of Tea Services, Comotes, Pitchers, etc., by America's Leading Silversmiths, also foreign makers.

Correspondence Solicited  
Silver Sent on Approval

**JULIUS GOODMAN & SON, INC.**  
45 South Main Street  
Memphis, Tennessee

## Come and See for Yourself

If you haven't visited our new studios, we believe there's a real treat in store for you. Do come and browse around. See our collection of old world pieces—interesting rare antiques as well as newer choice selections in Marble, Bronze, Lead, Pompeian Stone and Galloway Pottery, ranging in price from \$5. to \$1500. We have been told it's the largest and most complete stock on display. Catalog on request.

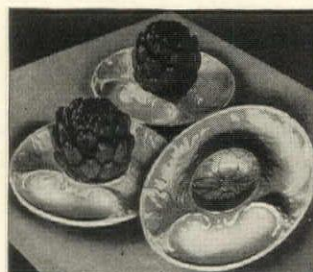


## WALL FOUNTAIN

This charming wall fountain of Pompeian Stone is 39" wide 50" high projection 25" and costs \$100.

## Erkins Studios

Garden Ornaments  
123 East 24th St., New York



## Artichoke Plates

\$5 half doz.

Gleaming white pottery dishes that provide a glamorous setting for the delicate artichoke and simplify its enjoyment as well. The center depression holds the artichoke itself. There is a well for the sauce and the hollow rim holds the discarded leaves. A very smart gift. Shipped express collect.

## LAMBERT BROTHERS

Jewelers  
Lex. Ave. at 60th St., N. Y.

# ★ February SPECIAL



A leather-top drum table, made by Sloane Master Craftsmen, that is the image of its 18th Century ancestor. It is all mahogany with drawer fronts of swirled veneer, and the brassware is handsomely done. The table is 28 inches high; the top, 25 3/4 inches in diameter. Sloane offers it during the storewide February Sale at the special price of \$37.50. Mail orders invited.

## W & J Sloane

FIFTH AVENUE AT 47TH - NEW YORK  
WASHINGTON, D. C., SAN FRANCISCO  
AND BEVERLY HILLS, CALIFORNIA



## ★ "ROSEMONT" Hooked Rugs



★THE most beautiful of the old Colonial designs. Hooked with the old-time hand hooks. Historic designs, reproductions of Metropolitan Museum rugs. Also HAND-TIED CANOPIES. "Lover's Knot" and other Colonial coverlets.

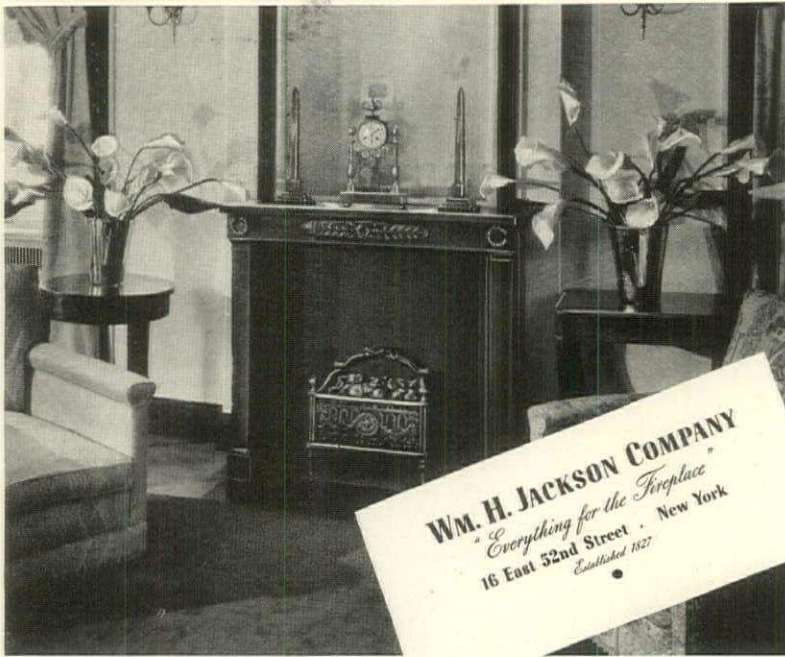
Write for free booklet giving histories of old designs

**LAURA H. G. COPENHAVER**  
"ROSEMONT" MARION, VIRGINIA

# ELEGANCE of the REGENCY

★ summed up in a little marble mantel

The vogue for modernized regency rooms continues. And here is the black marble mantel for such a setting. Use it in a room with floor of black rubber inlaid with laurel wreaths, swag draperies, and little tables circled with brass galleries!



**WM. H. JACKSON COMPANY**  
 "Everything for the Fireplace"  
 16 East 52nd Street · New York  
 Established 1827

## TRIM TRAVELLING

*Starts Like This...*



With a **PIGSKIN SHOEHORN**, beautifully finished, with horse shoe mounting. \$1.75; and **PASSPORT CASE** in pigskin. One of a large selection, and only \$7.95; **LUGGAGE TAG**, in black or tan leather. Nickel plated, \$1.50; silver plated, \$2.50, gold plated, \$3.50. Engraving, per letter \$.05



With a **FIRST AID KIT** that's compact, complete, with every item easily accessible. Grand for motorists, vacationists, round-the-world travellers. In pigskin, or black or russet leather, zipper cases. \$5.95

★  
 Send for booklet "G" of smart accessories for travel, home and play.

## HAMMACHER SCHLEMMER

145 EAST 57TH STREET · Since 1848 · NEW YORK

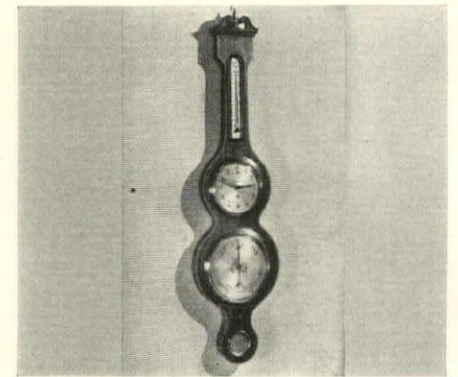
1 block east of Park Avenue

# SHOPPING AROUND

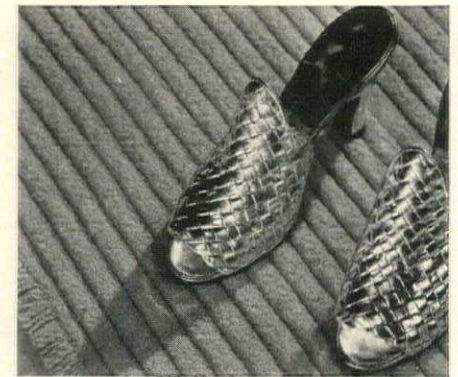
**SAUCE** supreme, when served in this handsome container. A gadroon border surrounds its simple old English design, and it will fit in nicely with your old silver. It's of silver plated on copper, and measures 4 inches in diameter, the tray 7 inches. Primarily for mayonnaise. Costs \$7.50 from Tuttmann's, 103 Allen Street, New York



**WEATHER**, they say, is the most exciting thing in the world to most people. Universally popular, therefore, should be this Chelsea barometer clock, which gives a complete check-up on time, temperature, and weather. Solid mahogany; tulip wood edge. \$150.00 at Shreve, Crump & Low, Boylston & Arlington Streets, Boston, Massachusetts



**TO BEDECK** a bedroom, nothing could be more luxurious than a heavy-tufted scatter rug, 54 by 36 inches, which may be obtained in a wide assortment of colors. Best of all, it has a special latex dressing on the back which makes it non-skid. \$3.95 at James McCreery & Co., Fifth Avenue at 35th Street, New York. Mules: Saks-Fifth Ave.



### English Bone China



America's largest retail selection at lowest prices of open stock English Bone China. *New dinnerware booklet will be sent on request.*

**HERBERT S. MILLS**

11 KING ST. E., HAMILTON, CANADA

### CRYSTAL FIXTURES



by **BUTLER-KOHAUS**

Rich in the beauty of graceful creation... exclusive designs, refreshingly different.

For Georgian and Colonial Rooms

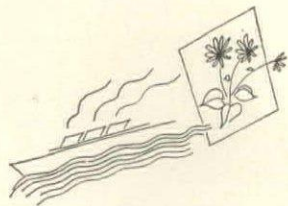
(Above) 5-light, candle-wick glass hobeche and cut glass urn—cut crystal pendants and bead chains. Butler's silver finish ..... \$21.75

(Insert) 2-light bracket harmonizing with fixture. Each ..... \$8.35

(Right) 3-light Colonial fixture. Clear cut urn, frosted cut shades. Polished brass finish .. \$14.85

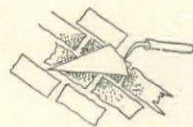


**BUTLER-KOHAUS INC.**  
 2823 Olive St. St. Louis, Mo.



# BOOKLETS

FOR THE ASKING



## Decoration and Homefurnishings

**SO YOU WANT TO FURNISH** with Fine Reproductions! This is a catalog for people with a taste for fine antiques, but a purse for reproductions. It shows mahogany bedroom and dining room pieces that copy most faithfully both the designs and the proportions of beautiful old furniture. Send 10c. DREXEL FURNITURE Co., DEPT. HG-2, DREXEL, N. C.

**OLD COLONY MAPLE FURNITURE** poses some decorative problems—and solves them. Heywood-Wakefield pictures charming rooms and groupings of Colonial furniture to show how livable a home you can make with maple! Send 10c. HEYWOOD-WAKEFIELD, DEPT. D-2, GARDNER, MASS.

**ROOM RECIPES**—50 of them concocted by a clever decorator—fill a fat little volume of nearly 100 pages. They start with typical floorcovering fabrics (shown in color) and suggest the wall and window treatments, furniture and accessories to build charming rooms of every type and period. Send 10c. BIGELOW WEAVERS, DEPT. HG-2, 140 MADISON AVE., N. Y. C.

**MANTELS OF CHARACTER.** If your plans call for a finely carved Adam pine mantel—a reproduction of an Early English mantel, in creamy marble—or almost any period style that can be made in marble or carved wood, you will probably find exactly what you want in this complete picture-catalog. YE OLDE MANTEL SHOPPE, DEPT. HG-2, 251 E. 33RD ST., N. Y. C.

**THE ROMANCE of Modern Decoration** is a complete and delightful primer on one phase of interior decoration—your walls. It will help you to diagnose your house, to cater to the physical features of each room, select color and pattern and choose the right motif for period effects. Send 10c. Address JEAN McLAIN, DEPT. K-8, IMPERIAL PAPER & COLOR CORP., GLENS FALLS, N. Y.

**S. & G. GUMP** offers a brochure illustrating some exquisite examples of ancient and modern art—introducing you to their Cambodian Collection, their Jade Room, Silver Room, Art Gallery, and their rug, furniture, and tableware sections. S. & G. GUMP, DEPT. HG-2, 250 POST ST., SAN FRANCISCO, CAL.

**HOW TO BE A SUCCESSFUL HOSTESS** is one of the most enlightening of new booklets for the bride—a guide to smart usage—with chapters on correct and distinguished table settings for every occasion—with menus, diagrams, photographs, and much information on silver and service. Send 10c. REED & BARTON, DEPT. HG-2, Box 990, TAUNTON, MASS.

**LOVELY CHARAK FURNITURE** is a new showing of 18th Century pieces for living room, dining room and bedroom—all, from the smallest side table to the tallest Chippendale secretary, bearing a label that shows they are "handmade in the workshops of Charak." CHARAK FURNITURE Co., DEPT. HG-2, 444 MADISON AVE., N. Y. C.

**HOW TO KNOW Period Furniture** is a short review of the outstanding furniture periods, beginning with the 18th Century—as revealed in chairs of each period. It also helps you to identify genuine mahogany, shows its grainings, and a map of its sources. Send 3c stamp. MAHOGANY ASSN., INC., DEPT. HG-2, 75 E. WACKER DRIVE, CHICAGO, ILL.

Ideas that sprout from February booklet reading soon blossom into trips abroad, blithe gardens, new furniture, new houses.

Read these brief reviews (and those in Section II) and write to the addresses given, for the booklets you'd like to have.

**CARVED OAK** is the theme of a handsome booklet picturing rooms entirely furnished in this wood so rich in historic background. It also shows individual pieces of oak furniture inspired by museum pieces—perfect as gifts. Send 10c. GRAND RAPIDS BOOKCASE & CHAIR Co., DEPT. HG-2, HASTINGS, MICH.

**THE TRU-TONE CARPET BOOK** simplifies your floor covering problems by answering questions on the use and care of broadloom carpetings. It shows the 27 Tru-Tone colors, and gives you help in planning room schemes. ALEXANDER SMITH & SONS CARPET Co., DEPT. HG-2, 287 FIFTH AVE., N. Y. C.

**YOUR OLD RUGS, carpets and clothing** can once again become grist for the rug-maker's mill. This 66-page booklet of colorful room schemes shows how inexpensively they can be re-made into reversible seamless rugs in fine old Oriental or Early American designs. OLSON RUG Co., DEPT. HG-2, 2800 N. CRAWFORD AVE., CHICAGO, ILL.

## Gardens

**ALL ABOUT THE NEW ROSES.** This handsome color booklet parades prize-winning new Hybrid Teas that you'll want—some new Irish Roses, and the exciting, colorful Floribunda varieties, as well as some important Climbers. Added to complete descriptions are pages of planting data. JACKSON & PERKINS, DEPT. HG-2, NEWARK, N. Y.

**GARDEN ORNAMENTS** is the booklet to write for if your garden calls for a bench or bird bath—a colorful Spanish jar—or anything in marble, lead, bronze or stone from an idle pixie to a fountain of superb design. It includes handsome wrought iron furniture, too. Send 10c. THE ERKINS STUDIOS, DEPT. HG-2, 121 E. 24TH ST., N. Y. C.

**LAWN CARE** is a valuable little publication that discusses a perplexing lawn problem in each issue. You may have the current issue for the asking, or all the 47 issues that have appeared to date, bound in one, at 25c . . . or in a stiff-back binder at \$1.00. O. M. SCOTT & SONS, DEPT. HG-2, MARYSVILLE, OHIO.

**STAR GUIDE TO GOOD ROSES.** The 1938 edition, listing nearly 200 varieties—at least 70 of them in natural color—is equally important to beginners selecting roses for a new garden, and rose-hobbyists looking for varieties worth adding to their collection. THE CONARD-PYLE Co., WEST GROVE 321, PA.

**SEEDS OF RARE PLANTS** lists some 2800 unusual species from every corner of the world—some that have become better known, like the Tahoka Daisy, Opalcup and Japanese Silver Violet—others, fascinating new adventures in gardening, like the Golden Cleome, and Rapid Celandine! REX D. PEARCE, DEPT. HG-2, MERCHANTVILLE, N. J.

**DREER'S GARDEN BOOK,** Hundredth Anniversary Edition, living up to its promise as "the most interesting Dreer catalog ever issued," includes all standard varieties and many rare novelties in both flowers and vegetables, plus all sorts of helpful garden information. H. A. DREER, 350 DREER BLDG., PHILADELPHIA, PA.

**BURPEE'S SEEDS FOR 1938**—a colorful catalog, brilliantly illustrated—lists a very complete offering of flowers and vegetables for the coming year—fine varieties, both new and familiar. W. ATLEE BURPEE Co., 329 BURPEE BLDG., PHILADELPHIA, PA.

**HARDY PLANTS** by Wayside Gardens is an exciting new catalog illustrated in faithful colors, with such "new fashions in flowers" as the Giant Columbine, Hardy Fuchsia, Phlox Augusta and new Yellow Day Lily . . . and a complete assortment of fine things old and new. WAYSIDE GARDENS, DEPT. HG-2, 30 MENTOR AVE., MENTOR, OHIO.

**TOTTY'S** handsome catalog features Chrysanthemums of many unusual varieties, Roses, Carnations, and other hardy perennial plants of every type, all through the flower alphabet from Achillea to Yucca. CHARLES H. TOTTY, DEPT. HG-2, MADISON, N. J.

**THE GARDEN ENCYCLOPEDIA.** For information about the single volume of nearly 1400 pages telling "everything you need to know about anything you want to grow," send for the leaflet that gives complete details—plus some interesting pictures from the Encyclopedia itself. WM. H. WISE & Co., DEPT. 141, 50 W. 47TH ST., N. Y. C.

**SCHLING'S 1938 Catalog** adds 8 new color pages to its vivid showing of everything in seeds. It includes 30 new novelties, featuring the Maroon Gold Oxalis, the Golden Sunshine Marguerite, and 3 remarkable Rock Garden Strawberries, in white, yellow and red. Send 35c. MAX SCHLING SEEDSMEN, MADISON AVE. AT 59TH ST., N. Y. C.

**GARDEN BEAUTY BOOK** features the amazing new Azaleum that "carries 600 blooms the first year." Also included are Dazzler Carnations, Grand Master Gladioli and other prize novelties, as well as fine varieties of familiar flowers, described in 96 pages of 1938 garden offerings. R. M. KELLOGG, Box 1182, THREE RIVERS, MICH.

**EVERYTHING FOR THE GARDEN** is a seed catalog that's a hardy perennial not to be overlooked, whether your ambition is for a garden of Summer-long bloom or for the finest of vegetables. It includes descriptions and cultural directions. PETER HENDERSON, DEPT. 36, 35 CORTLANDT ST., N. Y. C.

**KELSEY'S 1938 SHORT GUIDE** is a catalog in dictionary form, with a complete listing of Fruit and Nut Trees and the best Hardy Perennial Plants—all fully described—enlivened by instructive monographs—illustrated with over 100 pages of photographs, many in color. Price 50c, or free if you mention House & Garden. F. W. KELSEY, DEPT. HG-2, 50 CHURCH ST., N. Y. C.

## Travel

**THE MILD SOUTHERN ROUTE.** Consult the U. S. Navy weather man (via this booklet), study the record of Mid-Ocean Weather, and discover how to travel in mild weather in all seasons, by the southern route. ITALIAN LINE, DEPT. HG-2, 626 FIFTH AVENUE, NEW YORK CITY.

**SOUTH AFRICA** speaks with a tempting voice in this cruise folder that outlines fascinating tours in a brilliant land inaccessible only a few years ago, now offering every travel comfort, even in primitive places. AMERICAN EXPRESS Co., DEPT. HG-2, 25 BROADWAY, N. Y. C.

**EGYPT.** This is a beautifully illustrated travel booklet by two clever writers—one an epicure who finds the social whirl of sophisticated modern Egypt as important as the Temple of Karnak—the other an erudite who looks with awe at the mystery of ancient Egypt. TOURIST DEVELOPMENT ASSN. OF EGYPT, DEPT. HG-2, 30 ROCKEFELLER PLAZA, N. Y. C.

**WINTER CRUISES** to the Caribbean and West Indies, 1937-8 . . . is leaflet brief and to the point, giving cruise fares and pertinent facts about weekly sailings from New York via the spotless white turbo-electric liners of the Great White Fleet. UNITED FRUIT Co., DEPT. HG-2, PIER 3, NORTH RIVER, N. Y. C.

**THE ROMANCE OF SCOTLAND.** Views of rugged mountains, majestic castles, places famous in history, literature and legend give glimpses of the Scotland that you can visit by disembarking at Glasgow—or making a slight detour from London. ASSOCIATED BRITISH & IRISH RAILWAYS, DEPT. HG-2, 9 ROCKEFELLER PLAZA, N. Y. C.

**WINTER CRUISE TO SOUTH AMERICA.** There's still time to write for the cruise program of the Aquitania's southward voyage, which starts February 17th—a cruise that is attracting international attention. The bulky booklet gives itinerary, rates and views of colorful ports. CUNARD-WHITE STAR LINE, DEPT. HG-2, 25 BROADWAY, N. Y. C.

**NEARBY HAWAII,** that glamorous bit of the United States, sends a booklet on its lore and history, its weather and sports and diversions, its geography and resources, club life and living costs—all illustrated with alluring views of the "crossroads of the Pacific." HAWAII TOURIST BUREAU, DEPT. HG-2, 4 MAIN STREET, SAN FRANCISCO, CAL.

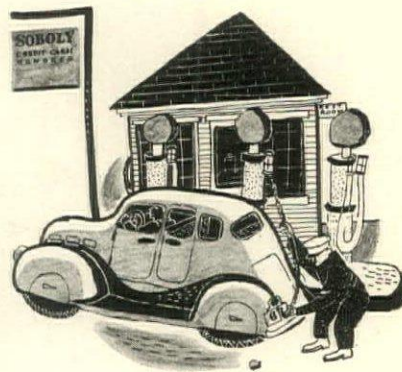
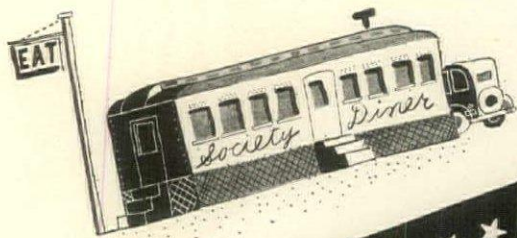
**ROUND-THE-WORLD TOURS** puts your daydreams on paper in the most practical and tempting of all forms—for it gives itineraries, sailings and fares of six most popular world-circling tours, which are priced surprisingly low. CANADIAN PACIFIC, DEPT. HG-2, 344 MADISON AVE., N. Y. C.

## Miscellaneous

**GARDEN FRAGRANCE** offers 12 scents for people in quest of perfumes that reproduce real flower scents, a convincing, vivid Russian Violet—a spicy-sweet English Honeysuckle, and other garden scents for every wear from tweeds to evening frocks. WAYSIDE HOUSE, DEPT. HG-2, PAINESVILLE, OH.

**HOW TO WASH** curtains and Draperies . . . Blankets . . . Cottons and Linens. In 3 authoritative leaflets, the makers of Ivory Flakes give expert advice on the proper laundering of fine decorative fabrics that today can be washed with ease and safety. PROCTER & GAMBLE, IVORY FLAKES, DEPT. BO, P.O. Box 629, CINCINNATI, OHIO.

**200 THINGS TO DO** with Plastic Wood is a handy guide to unexpected and money-saving ways of putting plastic wood to work to repair everything from broken furniture and cracks in the wall to sick trees and battered boats. And it's full of ideas for fun with toy-making and modeling. A. S. BOYLE & Co., DEPT. HG-2, CINCINNATI, OHIO.



# AMERICA

## VOGUE makes



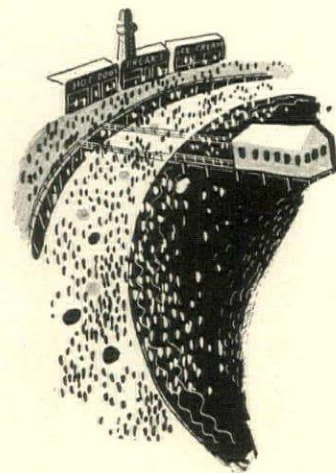
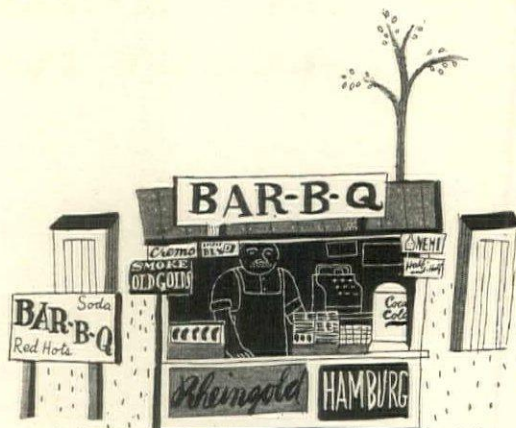
Unpredictable America! Land of a thousand and one delightful incredibilities. Vibrant . . . impulsive . . . and as changing in scene and pace and colour as any kaleidoscope. Vogue pictures and describes it in its February 1st "Americana Number" — revealing it in full perspective and from every angle . . . around the clock and through the calendar . . . from border to border and coast to coast.

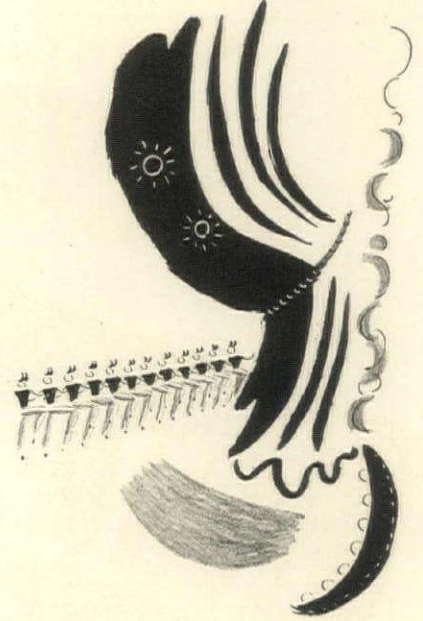
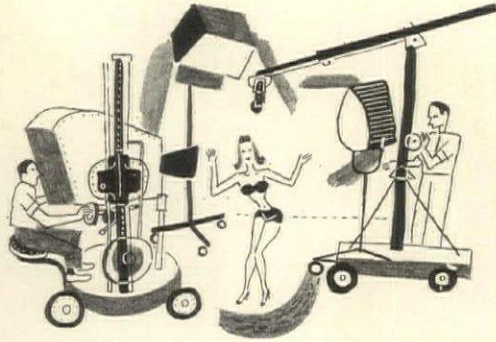
Here is a fascinating montage of people and places, pursuits and pastimes that faithfully reflects the divers character and spirit of this "land of the free and home of the brave"—a stirring mosaic of the multifarious activities which accent the abundant life of the U. S. A.



You'll see how America works and plays . . . eats and dresses. You'll see how America entertains . . . and how it's entertained. You'll see how America builds . . . how it paints . . . how it sets its emotions to music. You'll see how America travels . . . where it foregathers . . . where it shops.

And what an array of talent Vogue has marshalled to the task! Thomas Wolfe . . . Paul Gallico . . . Stanley Walker . . .





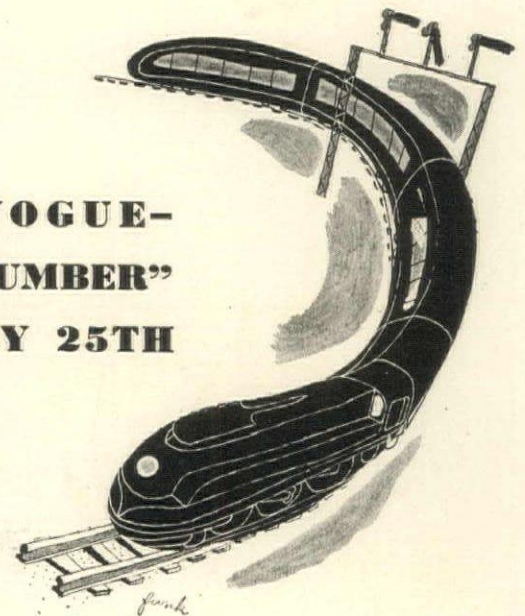
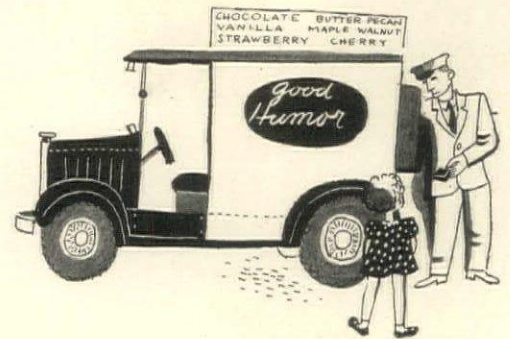
# an issue of it!

Frank Crowninshield . . . Allene Talmey . . . Henry Anton Steig . . . Harford Powel . . . write about it. Steichen . . . Bruehl . . . Horst . . . Margaret Bourke-White . . . William Rittase . . . Karger . . . Lusha Nelson . . . Berenice Abbott . . . Samuel Gottscho . . . Alexander Paal . . . Victor de Palma . . . Toni Frissell . . . Robert Yarnall Richie . . . portray it with their skilful lenses. Edward Hopper . . . Bobri . . . Covarrubias . . . Cecil Beaton . . . John Kane . . . Reginald Marsh . . . John Steuart Curry . . . William Gropper . . . M. Thompson Funk . . . interpret it with inimitable brush and pen.

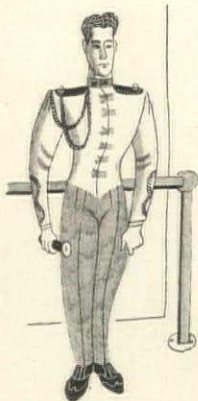
In short, within the covers of the February 1st "Americana Number" of Vogue you have *this-minute* America "as is"—graphically presented as only Vogue can do it!

Too ample of content to be assimilated at a single sitting, this issue is one that will invite repeated perusing—one that you will want to save indefinitely.

We confidently expect a record demand for the "Americana Number" of Vogue. So, if you're not a regular subscriber, see to it now that your newsdealer reserves a copy for you.



**FEBRUARY 1ST VOGUE—  
THE "AMERICANA NUMBER"  
—ON SALE JANUARY 25TH**



## SEALYHAM TERRIERS



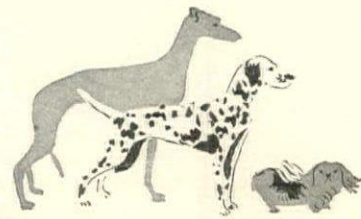
Eng. Ch. Matinee Idol of Herds

We offer choice puppies by our outstanding sires

**CROGLIN KENNELS**  
Miss Helen Schweinler, Owner

Benvenue Ave.  
Andrew DeGraw, Mgr.

West Orange, N. J.  
Tel. Orange 4-6013



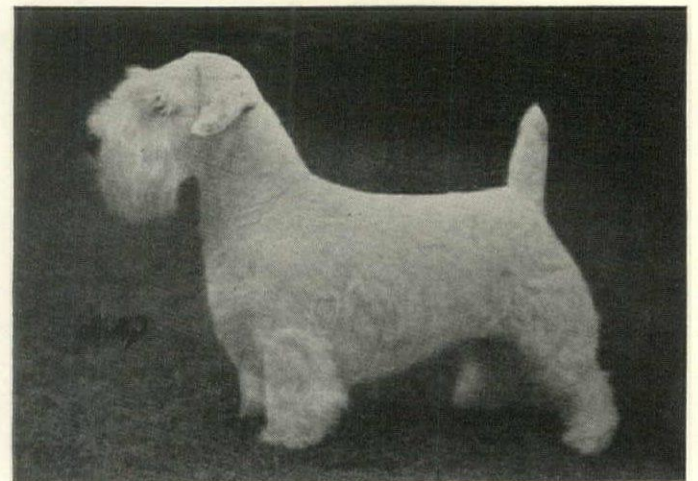
# DOG

## SEALYHAM TERRIER

The evolution and the manner in which the Sealyham first became a distinct breed is rather extraordinary, for this dog came from no mere chance or accident of fate but is distinctly the product of "the survival of the fittest" principle. In his background we find a very definite effort on the part of the breeder to eliminate unsatisfactory strains and to concentrate on what was considered the ideal as far as type and temperament were concerned.

In the middle half of the 19th Century there lived in an attractive country mansion, situated near Haverfordwest, Wales, an eccentric sporting gentleman, Captain John Edwardes. These two qualities of eccentricity and sportsmanship were to play an important rôle in the history of the Sealyham, for the doughty Captain conceived the idea that the mongrel dog of sixty or more years ago, which he was obliged to use in his numerous sporting excursions, was not quite the kind of animal for bolting the fox and otter, or digging out the badger. The Terrier of that date was more or less a nondescript kind of creature, with no pretension to beauty, breeding or uniformity of type.

To evolve a short-legged, smart, workmanlike Terrier which, above all other considerations, must be dead game, was a problem not easy of solution. But Captain Edwardes, by careful selection and judicious breeding, eventually established a short-legged, rough-haired Terrier capable of facing any vermin then prevalent in the country. At this period the



The Sealyham is the embodiment of power and determination—a game, alert, intelligent dog. Eng. and Am. Ch. Wolvey Noel of Clairedale. Mr. and Mrs. W. O. Penney.

## SEALYHAMS CHOWS

**CLAIREDALE KENNELS**  
Box 458 Riverhead, L. I.  
(Phone Hampton Bays 92)  
Owners, Mr. and Mrs. W. O. Penney  
Manager, Joseph Burrell



Seven months puppy by Ch. St. Margaret Magnificent of Clairedale

At Stud:  
Eng. and Am. Ch. St. Margaret Magnificent of Clairedale—Fee \$75. Eng. and Am. Ch. St. Margaret Superman of Clairedale—Fee \$50.

Chow:  
Ch. Clairedale Son Too—Fee \$50

Puppies Occasionally Available

## Special Offer

Sealyham Terrier has 4 championship points. Several others of outstanding quality. Particulars upon request.



Mrs. Dean B. Crawford  
Criss Cross Kennels  
Pacific & Florida Aves.  
Atlantic City, N. J.

## SEALYHAM TERRIERS

AT STUD

Ch. St. Margaret Swell Fella of Cresheim  
Cresheim March of Time  
Show and Breeding Stock for sale

Cresheim Kennels, Chalfont, Pa.



## SEALYHAM TERRIERS

Puppies  
Young Dogs

Slantacore Kennels  
1115 Hales Bldg.  
Oklahoma City, Okla.

## West Highland White Terrier and Blue Skye Puppies

Charming Companions and Show Dogs  
**SHIPTON COURT KENNELS AND CATTERY**

Mrs. Edward Spencer Lenox, Mass.  
N.Y.C. Telephone—Chelsea 3-3283

## Ersemoor Irish Terriers

For Companionship and Protection

Puppies Sired by  
CH. STORMY BOY OF DELWIN  
Best Irish Terrier at Westminster 1936  
Priced at \$50.00

Dr. Wm. H. Byford R. Rt. #2, Crete, Ill.

## Scottish and West Highland White Terriers

**EDGERSTOUNE KENNELS**  
At Stud  
Mrs. John G. Winant  
Concord, N. H.

Announce the purchase of the Scottish Terrier, Eng. Ch. Masterpiece of Rookes, sire of British champions.  
Puppies of both breeds usually available.

Fee \$100.00  
to Approved  
Bitches Only



## CAIRN TERRIERS

Bethcairn Kennels

Miss Elizabeth M. Braun  
owner

Warwick Terrace,  
Morewood Heights,  
Pittsburgh, Penna.



Ch. Fiev. Tob of Carsfort

## CAIRN TERRIERS

Some unusual puppies of both sexes—home raised and friendly. Also older dogs and bitches for fine breeding stock.

**CHARLANG KENNELS**  
Miss Charlotte Langdon Haverford, Pa.  
Telephone Ardmore 1961

## CAIRN AND WELSH TERRIERS

Champion-bred stock for sale & at stud. All puppies registered, inoculated & used to human companionship. Small dogs—boarded. House and obedience training a specialty.

Miss Helen C. Hunt  
Owner  
**Shagbark Kennels**  
Washington, Conn.  
Tel. 169



## WEST HIGHLAND WHITE TERRIERS

**ROWEFOND KENNELS**  
Jane F. Peters, Mt. Kisco, N. Y.

Ch. Edgerstoune Bastus at stud to a limited number of approved bitches. Fee \$50.00.  
Send bitches to Bob Craighead, Cross River, N. Y.



Ch. Norray Saddler

## SMOOTH FOX TERRIERS

A few choice puppies are available

**WISSABOO KENNELS**  
Old Westbury Long Island, N. Y.  
Telephone Wheatley Hills 522

## WELSH TERRIERS

From winning stock usually for sale.

**BENMAR KENNELS**  
1315 Murdoch Road  
Pittsburgh, Pa.



Gen. Grant of I.R.O.

## English Bulldogs

Quality puppies by famous sire ex Morris-Essex blue-ribbons winner. Sturdy, type, big-boned. Wonderful pedigrees. Lovable pets, perfect guardians; show or breeding prospects.

**A. R. FORBUSH**  
2923QSt., Washington, D.C.

## Dachshunde Scottish Terriers

**Mimosa Kennels**  
Mr. & Mrs. J. L. vonGlahn,  
Owners, State College Station,  
Raleigh, N. C.



Mimosa Masterstroke

## Boston Terriers

Puppies and grown dogs for sale. Boarding, plucking, clipping and bathing. Conditioning a specialty.

**Evan M. Ramsay's Green Pasture Kennels**  
Central & Battle Aves.  
Rte. #100  
White Plains, N. Y.  
Tele. White Plains 6540



Ch. Rockefeller's Ace

## Puppies and Young Dogs

**SCOTTIES:** wheaten, brindles, and blacks (Matched or contrasted pairs a specialty)  
**DACHSHUNDE:** the charming smooth-haired and the irresistible rough-haired.  
Raised on good food, fresh air, and kindness.

**MRS. A. M. HENSHAW**  
COLLEGE HILL CINCINNATI, OHIO

# MART



In the Sealyham we find an extraordinary amount of substance and strength but never clumsiness. Miss Helen Schweinler's Brash Best Man of Croglin.

polecat was plentiful in the woods in the vicinity of the Captain's residence, and the old gentleman made it a *sine qua non* that no dog should be given lodging at Sealyham which would not handily dispose of a full-grown specimen of *Putorius foetidus*.

The standard of pluck fixed by the gallant Captain was significant. If the dog "went in"—that is, underground—and killed, all well and good. If he declined to tackle his quarry, his doom was sealed.

On the following pages is a suggested diet for Sealyham Terriers, as well as for other small Terriers, such as Irish, (Continued on page 14)



Pluck was the criterion which Captain Edwardes set for his Sealyhams. We find it present in the Sealyham Terrier of today. Ganna of Slant-acre, owned by Mr. and Mrs. R. P. Everest.

12th ANNUAL SHOW  
**MORRIS & ESSEX**  
 KENNEL CLUB  
*The Exhibitors Show*

GIRALDA FARMS  
 MADISON NEW JERSEY  
**SATURDAY, MAY 28, 1938**  
 Under the management of  
**FOLEY DOG SHOW ORGANIZATION, INC.**  
 2009 Chestnut Street, Philadelphia, Pa.



**GERMAN SHEPHERDS**  
 Bred for Character—Intelligence—Companionship. Our dogs are raised to be reliable protectors. Write for price list and free circular of breed. Visitors welcome.

**RUTHLAND KENNELS**  
 54 Park Road Scarsdale, N. Y.  
 Tel. Scarsdale 2468 N. Y. Tel. Wic. 2-8582

**Cocker Spaniels**  
 Puppies and young dogs of both sexes and colors from champion stock of outstanding quality. A.K.C. Reg. and inoculated against distemper.

**HEARTSEASE**  
 D. L. MAYNARD  
 Round Hill Road Greenwich, Conn.  
 Telephone Greenwich 1692

**German Shepherds**  
 Farm raised puppies and one year olds. House-broken, exceptional character and stamina.

**PALISADE KENNELS**  
 R.F.D. 1 Killingly, Conn.



• **COCKER SPANIELS** •

If you want a small dog with excellent manners, steady temperament, fine character and sound health, select a Cocker Spaniel. We offer them in solid and parti-colors, bred from the best of stock at a price that is reasonable for those who want a smart, healthy puppy as a pet in the home or a huntsman in the field.

**MARJOLEAR KENNELS**  
 Mr. and Mrs. John M. Lazear • 922 S. Negley Ave., Pittsburgh, Pa.

**SAINT BERNARDS**  
 Big of heart as well as big in size, the Saint Bernard is one of the finest of home dogs. The ideal guardian for children.

Exceptional Puppies for Sale  
**WALDECK KENNELS**  
 Kennels: Oenoke Ridge, New Canaan, Conn.  
 Address all mail  
 Edward L. Winslow, P. O. Box 159, Stamford, Conn.  
 Telephone New Canaan 1121



PUPPIES AT WALDECK



Ch. Helmi Stollenberg

**DACHSHUNDE**  
 Puppies and breeding stock generally available  
**WILLOUGHBY KENNELS**  
 Mr. and Mrs. D. R. Hanna, Jr., owners  
 CHARDON ROAD WILLOUGHBY, OHIO  
 Telephone Willoughby 406



Ch. Feri—Flottenberg

**DACHSHUNDE**  
**ELLENBERT FARM KENNELS**  
 Mr. and Mrs. Herbert Bertrand, owners  
 Stanwich Road, R. F. D. No. 1  
 Greenwich, Conn. Tel. Stamford 4-6735

**BRIARDS**  
 The perfect Big Dog for a Small Place. Kind, easily trained, excellent with Children.

**TRAVAILLEUR KENNEL**  
 MISS FRANCES HOPPIN  
 463 East 57th St. New York, N. Y.  
 Tel. Plaza 3-4425

**Great Pyrenees**  
 The Aristocrats of Dogdom  
**BASQUAERIE KENNELS**  
 Mr. and Mrs. Francis V. Crane, Owners  
 124 South Street Needham, Mass. *Estat d'Arceles de Basquerie*



**NEWFOUNDLANDS**  
 We offer puppies of the large champion Stiki strain and also the beautiful Landseers by a prize winning sire.

**KOCH KENNELS**  
 Box 340  
 Fort Recovery, Ohio



**GREAT PYRENEES**  
 Ideal companion and guard for children. Superb puppies available from imported stock.

**COTE DE NEIGE KENNELS**  
 Tel. West Stockbridge 43-2  
 Box H West Stockbridge, Mass.



**WILSONA'S 20TH ANNIVERSARY APRIL 1938**  
 \* International Importers and Exporters. \*

**Specializing in high class TRAINED DOGS**

Great Danes (Harlequins) German Shepherds  
 Dachshunde (Black & Tan—Reds) Medium Schnauzers  
 Dobermann Pinschers Giant Schnauzers  
 Boxers Rottweilers

If you want a trained dog write us.  
 Book on training, German and English \$1.00

**WILSONA KENNELS**  
 Ben H. Wilson, owner Rushville, Indiana



# DOG MART

(Continued from page 13)



Possessing an innate appeal, Sealyham puppies also make grand companions for children and adults. The basket of four puppies from the kennels of Mrs. Dean B. Crawford.

Welsh, Wire Foxterriers, arranged according to age.

*Three months old:* Four feedings daily, one of milk and three of meat. Breakfast: One teacupful of milk to which has been added one teaspoonful of lime water, with one-half shredded wheat. (In the fourth month add one-half raw egg on alternate mornings.) Noon: One teaspoonful of raw, chopped beef with one zwieback, one-half slice of melba toast, or a tablespoonful of shredded wheat. 4 P.M.: Same amount of meat with two tablespoonfuls of tomato juice. Evening meal: One tablespoonful of cooked beef with one or two teaspoonfuls of cooked vegetables, such as spinach, string beans, onion, lettuce and asparagus tips.

*Six months old:* The amount of each meal should be



Since its recognition by the American Kennel Club in 1911, the popularity of the Sealyham has steadily forged ahead. This group of four Sealyhams from the kennels of R. O. Gubelman.

**FREE to HORSE OWNERS**

Why pay fancy prices for saddlery? Write for free catalog that has saved real money for thousands of horsemen. Contains over 400 bargains in English Saddlery. I ship saddlery on approval. Write today.

"Little Joe" Wiesenfeld Co., Dept. 6  
112 W. North Ave., Baltimore, Md.

Bulletin No. 6-B tells "How To Attract Wild Birds" by tested methods, feeds and equipment.

The feeder shown here with a bag of special seeds and a Howes Bird Attractor, only \$3.00 postpaid.

**HOWES BIRD ATTRACTORS**  
Stamford, Conn.  
772 Rachelle Ave.

Keep Your Dogs *free* FROM WORMS

WRITE FOR FREE BOOKLET No. 652

**NEMA**

**WORM CAPSULES**

EFFECTIVELY REMOVE LARGE ROUNDWORMS AND HOOKWORMS IN DOGS OF ALL BREEDS AND AGES. SAFE. DEPENDABLE

Nema Booklet tells you about worms

Address Desk N-17-B Animal Industry Dept.  
**PARKE, DAVIS & CO., DETROIT, MICH.**  
Drug Stores Sell Parke-Davis Products

**BARMERE BOXERS**  
Noted for their Quality, Breeding and Show Records

Outstanding Puppies and Young Stock for Disposal

**BARMERE KENNELS**  
Mrs. Hostetter Young, Owner  
Cedarhurst, L. I., N. Y. Tel. Ced. 4519

**PUPPIES**  
sired by  
Inter. Champion  
Lustig vom Dom  
of  
Tulgey Wood  
and other great  
champions

**BOXERS**

If you are looking for a Boxer bred for quality, type and health, we suggest you write, phone or call.  
Price \$150 and Up.

**TULGEY WOOD KENNELS**  
Mr. & Mrs. Erwin O. Freund, owners  
Kennels ten miles south of Hinsdale, Illinois  
Business address:  
6733 West Sixty-Fifth Street, Chicago, Illinois

**THE MAZELAINE BOXER**  
A BEAUTIFUL GIFT  
A PRICELESS POSSESSION

Puppies by Ch. Dorian and other famous sires from matrons of finest quality, good character and intelligence. Mazelaine Boxers—not just a dog, but an intimate, loyal, beloved member of the family.

Ch. Dorian  
**MAZELAINE KENNELS**  
1231 No. Edison Street, Milwaukee, Wis.

**Dobermann of Quality**  
At Stud

"Ch. Jockel V Burgund" A.K.C. A-38662  
"Klaus V Bayernsoltz" A.K.C. A-74776  
"Ch. Safan V Steinhart Randahof" A.K.C. A-52875

Puppies usually available

**RANDAHOF KENNELS**  
Registered  
826 Pacific Bldg., San Francisco, Calif.  
Kennels at: Saratoga, Calif. Tel. Saratoga 177

Westminster Kennel Club  
62nd ANNUAL

**DOG SHOW**  
Madison Square Garden  
New York City  
**FEBRUARY 10-11-12**  
Over 3,000 Dogs on Exhibition  
Judging Continuous

**SPECIAL FEATURES FEB. 12th**  
Sheep Herding Exhibition  
First Time in New York  
Packs of Hounds Shown  
in Full Hunt Livery

**OPEN 9 A. M. to 10 P. M.**

**POMERANIANS**

A fine selection of toy puppies of excellent type and quality. Shipped in safety and comfort. Inquiries invited.

**SUNSTAR**  
Pomeranian Kennels  
Mrs. R. F. ROGERS  
3204A West Avenue  
Burlington, Iowa

**PEKINGESE**

Special Sale of exquisite miniatures. Reasonably priced

Sired by Tri. International Ch. Pierrot.

**ORCHARD HILL KENNELS**  
Mrs. Richard S. Quigley, Box H, Lock Haven, Pa.

**GREAT DANES**

Outstanding fawn and brindle puppies from imported championship breeding. Excellent in type and quality.

Ch. Blitz v. Schloss Staufenek

**WARRENDANE KENNELS**  
286 Broadway, Pleasantville, N. Y.  
Sales Office, 299 Madison Avenue, N. Y. City  
Phone: Vanderbilt 3-2121

Dalmatians  
and  
Chows

**TALLY HO KENNELS, Reg.**  
P.O. Box 293, Oyster Bay, L.I., N.Y.  
Dogs may be seen by appointment only  
We do NOT publish a catalogue  
Kennel Telephone: Oyster Bay 1344  
Mrs. L. W. Bonney, Owner  
Donald Sutherland, Manager

**HOUSE & GARDEN**  
accepts the advertising of only reliable kennels

Don't Spay and Spoil Your Female Puppy

**USE CUPID CHASER**  
to Keep Dogs Away While Females Are in Season

• Harmless. Simple. Successful. Wash off Before Mating. Satisfaction or Money Refunded. No Red Tape. Helps Breeders Sell Females. Ask Your Dealer or Send \$1 for Bottle Postpaid.

**PIERPONT PRODUCTS CO., Dept. J**  
312 Stuart Street  
Boston, Mass.

**DALMATIANS**

Tattoo Kennels  
Box Ten  
Newtown, Pa.  
Phone Newtown 250

Ch. Madhatter of Tattoo

**COLLIES**  
Shetland Sheepdogs  
Excellent breeding at fair prices

**Beech Tree Farm**  
R. R. Taynton  
Box 462  
Falls Church, Va.  
(Call on us when in Washington)

**SHETLAND SHEEPDOGS**  
(Miniature Collies)

They look like full-grown Collies but stand only 13 to 15 inches high at the shoulder. They are clean and dainty but also rugged and healthy. Being affectionate, intelligent and loyal as well as excellent watch dogs and guardians, they are ideal companions for children. They do not wander from home.

Please tell us in what age, sex and color you are interested (sable and white or tan, white and black) and for what purpose you want the dog.

**WALNUT HALL KENNELS**  
Mr. and Mrs. H. W. Nichols Jr. Indian Hill Road Cincinnati, Ohio

Jock of Walnut Hall



increased between the third and sixth months. At the sixth month the feedings should be decreased to three daily. At breakfast one and a half cupfuls of milk with one teaspoonful of lime water, and one-half to one shredded wheat biscuit. The shredded wheat may be omitted on alternate days and one raw egg substituted for it.

At noon give three to four tablespoonfuls of raw chopped beef with one slice of stale bread, toast or whole-wheat bread. The pulp of one-half a raw tomato or one tablespoonful of tomato juice may be given with this feeding. The evening meal should consist of three or four tablespoonfuls of cooked beef or lamb with one tablespoonful of cooked vegetables. Stale bread or toast may be added to this if the need for some filler is apparent.

**Nine months old:** When the puppy reaches the ninth month he should receive two daily feedings. Breakfast: The same as before, with the lime water omitted. Evening: One-half to three-quarters of a pound of raw or cooked beef with two to three tablespoonfuls of cooked vegetables and any of the fillers named above.

**Twelve Months—Maturity:** No departure from the above feeding is necessary except that the number of eggs is greatly reduced. Beef should be the meat most frequently given, lamb comes next. A welcome change from the meat diet is a meal of cooked fish, halibut or cod.

Boiled liver to the extent of about one-half of the evening meal should be allowed to increase the variety of the feeding and for its tonic effect. A beef marrow bone, raw cooked, is good for teething (from the fourth to the eighth month) and it is diverting as well. One teaspoonful of cod liver oil, October to May (irradiated yeast, May to October), daily after eating or preferably mixed with the meal for the three months old puppy is essential for its good health. The amounts may be increased to two teaspoonfuls at the sixth month and continued until about the tenth month, or longer if a tendency to rickets is present.

—GEORGE HARRIS

*As an added service* to House & Garden readers, Mr. C. E. Harbison, well-known authority on dogs, and Manager of House & Garden's Kennel Department, will be available for private consultation twice each month on the training and handling of their dogs.

Mr. Harbison may be seen at our Greenwich Plant, located on the Boston Post Road near Stamford, Connecticut, on the second and fourth Wednesdays of each month by appointment only. Dogs may accompany owners. Cases requiring diagnosis by veterinarian will not, of course, be considered.

Appointments may be made by writing or telephoning House & Garden's Kennel Department, 420 Lexington Avenue, New York—MOhawk 4-7500.

## TO ALL Dog Lovers

we extend a cordial invitation to visit the Booth of  
**THE DOG MART OF HOUSE & GARDEN**  
**THE DOG MODE OF VOGUE**  
 (right-hand side, front lobby)  
 during the 62nd Annual Dog Show of the  
 Westminster Kennel Club, February 10, 11, 12

Mr. C. E. Harbison, Manager, Kennel Department, will be on hand to answer questions and give practical information concerning the recognized breeds.

## FLEA OFF

February with its snow, wet, wind and cold presents a problem for a dog and its coat that the use of FLEA OFF will solve to the dog's comfort and the owner's surprise and satisfaction. Easy to use. Purest ingredients. Use FLEA OFF.

Other White Products for Ear Canker and Skin Irritations



\$1.00 per can (one liquid pint). At sporting goods, department, drug and grocery stores. Or, send \$1.00 to

H. Kirk White & Co.  
 Mfg. Chemists  
 Oconomowoc, Wisc.

THANKS FOR HELPING ME GET RID OF WORMS



Worming the dog is one of the most common needs, and should not be neglected. There are ways of telling whether your dog has worms. These symptoms, together with treatment and directions for giving

**Dr. LeGear's**  
**ROUND and HOOK WORM CAPSULES**  
 and Dr. LeGear's  
**TAPE WORM TABLETS**

are described in Dr. LeGear's Free Dog Book. This book tells about many other dog ailments, and indicates the Dr. LeGear prescription recommended for each one. These preparations are all sold on the basis of satisfaction guaranteed or your money back. Buy from your druggist or dealer, and write us for the Free Dog Book.

DR. L. D. LEGEAR  
 MEDICINE CO.  
 ST. LOUIS, MO.



ASK YOUR DEALER ABOUT MY CONDITION PILLS AND MY ARSENIC AND IRON PILLS



There are 23 tested "Sergeant's" Dog Medicines. Trusted since 1879. Constantly improved. Made of finest drugs. Sold under money-back Guarantee by drug and pet shops. Ask them for a free copy of "Sergeant's" Dog Book, or write:

POLK MILLER PRODUCTS CORP.  
 632 W. Broad Street • Richmond, Va.  
 Copr. 1938, Polk Miller Products Corp.



SET IT UP YOURSELF

... AS LOW AS

\$15

Carefully carpentered sections, of vermin-proof red cedar, make Hodgson Kennels easy and simple to erect. Rain-proof, weather-proof job assured! All sizes.



2 ft. x 2 1/2 ft. ... \$15.00  
 2 1/2 ft. x 4 ft. ... 20.00  
 3 1/2 ft. x 5 ft. ... 27.50



Order now, or write for Catalog CZ-2.

E. F. HODGSON CO.

1108 Commonwealth Ave., Boston, Mass.  
 730 Fifth Avenue, New York City

DOG BEDS  
 18 in. x 24 in. ... \$ 6.50  
 24 in. x 30 in. ... 10.00  
 30 in. x 42 in. ... 15.00

DUPLIX DOG DRESSER  
 EASY TO USE PRICE \$1.00

Keep your Dog Perfectly Groomed with this Safe and Practical Duplex Dog Dresser  
 Dept. H.G., Mystic, Conn.

DIV. DURHAM DUPLIX RAZOR CO.

## DOGS AT PLAY

ARE SAFE IN "BUFFALO" PORTABLE YARDS

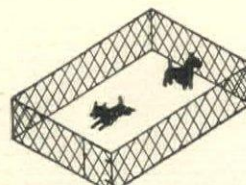
No Posts to Erect  
 Easily Set Up  
 Movable, Strong

When "he" goes out to play do you worry about traffic, about neighborhood toughy dogs?

Rest your mind by getting him a "Buffalo" Portable kennel yard. Keeps him apart, saves you time and gray hair. Yards are easy to erect and move. Anyone can do it.

"Buffalo" portable yards are made strong, durable, of copper-bearing diamond mesh wire fabric and heavy round frames thoroughly galvanized.

Why not end dog-at-play troubles? Yard shipped F.O.B. Buffalo, N. Y. on receipt of \$27.50 check, M.O. or N.Y. draft. Sit down now and order your dog "Buffalo" protection. Send 6c for booklet 86-F.



U. S. and Can. Pats.  
**\$27.50 COMPLETE YARD**  
 7' x 14' x 5' High  
 with Gate



**BUFFALO WIRE WORKS CO., Inc.**

EST. 1869 AS SCHEELER'S SONS

475 TERRACE

BUFFALO, N. Y.

# Light Conditioning . .



English Living Room decorated by Elizabeth Peacock for Grosfeld House Exhibition, New York City. Each of these charming table lamps provides comfortable light for reading. The effect of sunlight through the bay window is produced artificially, by drawing the white window shades and lighting them indirectly, with lumiline bulbs concealed in reflectors at the side of the window.

... new aid to Eyesight  
and to Interior Decoration



A CERTIFIED I.E.S. LAMP provides comfortable sight-saving light . . . and helps light condition your bed room.

● Here is one of the simplest steps you can take to insure a more charming and more livable home: Begin to Light Condition.

For light conditioning gives you soft, glareless light . . . that brings out new beauty in your furnishings. It also provides *enough* light to make seeing easier and to bring new eye-comfort to young and old.



Light Meter

Begin by seeing that you have the right amount of light in every room for eyes at work or

play. Your lighting company will be glad to help you *measure* your lighting with the Light Meter, the simple little instrument that lets you see for yourself, in a jiffy, how much light you have.

Remember that light conditioning is decoratively smart, too. Lamps and fixtures should be appropriate in design. Colors and materials should blend with the other furnishings in the room and accentuate their beauty, as modern home planners and decorators recommend.

## LET I.E.S. LAMPS HELP YOU

You will find *certified* I. E. S. *specification* Better Sight Lamps especially helpful, since they provide light that is scientifically correct. And they are offered in a wealth of beautiful materials and styles.

Other helpful suggestions will be found in this interesting, illustrated booklet, "Light Conditioning." It is free. Just send the coupon.



**IMPORTANT:** Be sure that the lamp bulbs in your I. E. S. lamps and throughout your home are the right size. To be sure that they *stay brighter longer*, be sure they are marked G-E.



General Electric does not make I. E. S. Better Sight Lamps, but publishes this information in the interest of better sight.

# GENERAL ELECTRIC

## SEND FOR NEW, FREE BOOKLET

General Electric Company, Dept. 166-HG-2  
Nela Park, Cleveland, Ohio

Gentlemen: Please send me free of charge your helpful new illustrated booklet, "Light Conditioning"

Name

Street

City  State

# Contemporary Broadlooms

By Bigelow and Barker Bros. in "California House, 1938"

Deep-piled, luxurious... ingenious in color and texture!... Today's manner of living—its subtle blend of the novel with the traditional—finds happy expression underfoot in these contemporary broadlooms. They have been created especially for Barker

Bros. by Bigelow. This Bigelow flair for style and skill in originating weaves is reflected in all Bigelow rugs and carpets, shown in stores throughout the country. Be sure to see *all* the Spring styles. Bigelow Weavers, 140 Madison Avenue, New York.



LIVELY WOOL SPRINGS BACK UNDERFOOT



IN THE TEMPO OF TREND AND TRADITION

**BARKER BROS.**

# "CALIFORNIA HOUSE"\*



is an interpretation of the trends and traditions of decoration, for homes of 1958, by the staff (decorators, designers, technicians and craftsmen) of this store's Studio of Interior Decoration. Many of its ideas — much of its detail — are "firsts" in the field of interior decoration.



Visitors to Los Angeles are cordially invited to see "California House" during January, February and early March. Cordial also is the invitation — to those unable to visit it — to send for descriptive brochure of "California House," illustrated in color.



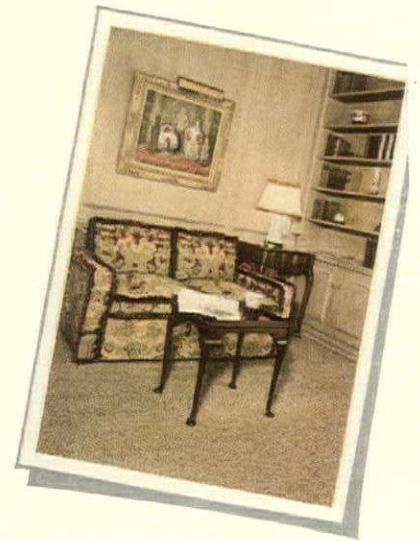
It has long been, and continues increasingly to be, the privilege of this organization to serve in the decoration and furnishing of distinguished homes throughout the nation — in every state, in fact. To those planning to build, remodel, furnish or refurnish — anywhere — U. S. A. — we offer the seasoned counsel, talent and resources of a unique and impressive establishment whose name has literally been a household word in California since 1880. Correspondence or conference invited.

*All photographs shown from "California House"*

**BARKER BROS.**

Seventh Street, Flower and Figueroa

LOS ANGELES



*\*An exhibition home of eleven rooms located on our 2nd Floor.*

# HOUSE & GARDEN

COPYRIGHT 1936, THE CONDÉ NAST PUBLICATIONS, INC.

February

Section I

Cover by Anton Bruehl	
Shopping Around	4
Booklets For the Asking	9
The Dog Mart	12
The Bulletin Board	19
Libraries to Live With, by M. Lincoln Schuster	21
The Story of Three Pine Pieces	24
Furniture Arrangement	27
Carolina Classic	34
Scots Wha Hae, by Col. and Mrs. Roosevelt	36
Outstanding New Perennials, by F. F. Rockwell	38
Sugar and Spice, by June Platt	40
House & Garden's Flower Print	41
For a Frosty Morning	43
Men Who Make Our Flowers	44
Double Feature	45
Planning the Annual Border, by T. H. Everett	48
Swedish Modern	50
New Products	52
Questions & Answers	53
Merry Marigolds, by Louise B. Wilder	54
Good Riddance	56
The Gardener's Calendar	58

## EDITORS

Richardson Wright, *Editor-in-chief*

Henry Humphrey, *Managing Editor*; Robert Stell Lemmon, *Gardening*

Arthur McK. Stires, *Architecture*; Margaret Dargan, *Merchandise*

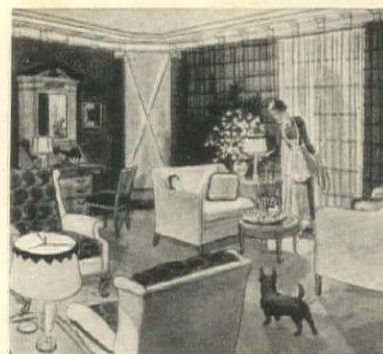
## ASSOCIATE EDITORS

Elinor Hillyer, Diane Cummings, Harriet W. Burket, Virginia Hart

## CONTRIBUTING EDITORS

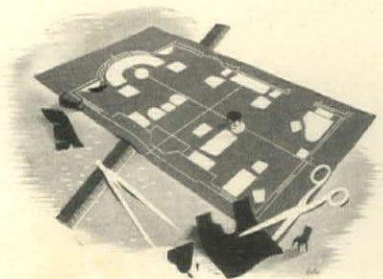
Colonel and Mrs. Theodore Roosevelt, Jr.

VOLUME LXXIII, NUMBER TWO, TITLE HOUSE & GARDEN REGISTERED IN U. S. PATENT OFFICE, PUBLISHED MONTHLY BY THE CONDÉ NAST PUBLICATIONS, INC., GREENWICH, CONN. CONDÉ NAST, PRESIDENT; FRANCIS L. WURZBURG, VICE-PRESIDENT; W. E. BECKERLE, TREASURER; M. E. MOORE, SECRETARY; FRANK F. SOULE, BUSINESS MANAGER. EXECUTIVE AND PUBLISHING OFFICES, GREENWICH, CONN. EDITORIAL OFFICE, GRAYBAR BLDG., LEXINGTON AT 43RD, NEW YORK, N. Y. EUROPEAN OFFICES, 1 NEW BOND STREET, LONDON, W. 1; 65 AVENUE DES CHAMPS-ÉLYSÉES, PARIS. PRINTED IN THE U. S. A. BY THE CONDÉ NAST PRESS. SUBSCRIPTIONS, \$3.00 A YEAR IN THE UNITED STATES, CANADA, PORTO RICO, HAWAII AND THE PHILIPPINES; \$4.50 IN ALL OTHER FOREIGN COUNTRIES. SINGLE COPIES 35 CENTS.



To help you solve your decorating problems, House & Garden tells The Story of Three Pine Pieces, the decorative plan which they inspired, and the evolution of this plan. The article, illustrated by colored drawings and swatches of the material used, is the first of a series on the decoration of a special room.

One of the greatest of gardening problems is the selection of flowers for one's particular bit of God's green earth; there are so many that often we grow confused. This is why we asked Mr. Rockwell to write *Outstanding New Perennials*. Besides, this year's offerings are especially alluring.



In this issue you'll find a seven-page portfolio on *Furniture Arrangement* which is practically a textbook on furniture composition. Through photographs and floor plans, it discusses the formation of harmonious groups, and the logical relationship of one piece to another. There are sixteen different suggestions for the planning of dining rooms, living rooms, and halls.

Below is an exterior view of the library of M. Lincoln Schuster. In *Libraries to Live With* this noted publisher reveals how he planned and built the wing which houses his "ten thousand windows on the world," and thus achieved a life-long ambition. In the article the book-lover will find the basic requirements for libraries, irrespective of size and cost, and perhaps the inspiration to build his own.





# Barker Bros. "California House" Features IVORY-WASHABLES

**B**ARKER BROS. Studios of Interior Decoration are foremost authorities on the furnishing of smart and charming homes. Every visitor to Southern California this Winter will see "California House." It's one of the sights! The mood of decoration changes from room to room, accomplishing the variety that is typical of California life. Every interior is an example of beauty and luxury interpreted in terms of practical living. Naturally, "California House" is replete with Ivory-tested washables . . . wallpaper, fabrics, leathers. Barker Bros. say . . . "Washable house furnishings will last longer and look better if you give them Ivory Flakes care."



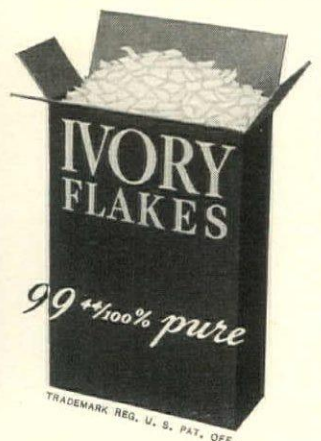
MORNING room . . . exotic floral wallpaper surfaced with crystal beads; white iron furniture. Assure their spotless future with Ivory Flakes care.



SON'S room . . . modern to the nth degree because Ivory care is the clue to lasting freshness. Tested Ivory-washables are: blonde wood furniture, upholstery fabrics, glass curtains and bed throw, chamois-covered Lumarith lamp shades. Even the stunning grass wallpaper welcomes a reviving sponge bath with gentle Ivory Flakes suds.



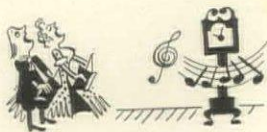
GAME room . . . the leather drapes and chairs, the upholstery fabric are all Ivory-washables in the grand manner. The smart crystal brocade walls are Ivory-spongeable.



# THE BULLETIN BOARD



**REMOVING THE CLOTH.** Although the custom of removing the table cloth between the main course and the fruit was quite common before the Revolution, it appears to have lingered in Philadelphia for quite a long time after. No longer ago than Civil War times, the white table cloth was removed after the more solid courses, and a colored table cloth and napkins with an entire new set-up of knives and forks were used for the fruit course and the Madeira that it was then customary to drink.



**MUSICAL CLOCKS.** One of these days our clock-makers will come to the end of their ingenuity in stream-lining cases and making modernistic dials and then, maybe, they will do something ambitious about the works. When that time comes, we would nudge their elbow and remind them that in 1774 Benjamin Willard was advertising musical clocks that played a different tune each day of the week and on Sundays a psalm tune.

## COUNTRY RHYME FOR A WINTER DAY

The sound of the axe comes early and late,  
Wooden and cold and ringing;  
The blows fall hard, and the blows fall straight,  
Like a wintry bell that's ringing;  
The crusty whine of the wagon-wheels  
Is a cry that breaks in the middle;  
The snow complains at the chore-boy's heels  
With the wail of a broken fiddle;

Thin flakes of frost, in a gust of flight  
From eaves, make crystal clicking.  
While icicles, of glassy white,  
Crack with a chilly ticking;  
The wind is loud in the chimney-flue  
As the speech of men together;  
But the ringing blows of the axe cut through,  
Like a bell in the wintry weather.

—MARTHA BANNING THOMAS.

**SEARCHING FOR SEED.** Some beginning gardeners, accustomed to growing the common sorts of flowers, labor under the impression that interesting gardens can be made up in a hurry, like a delicatessen meal from a handy shop just around the corner. They complain, "But why write about these plants when I can't buy them?" Or they say, "I've searched everywhere and can't find that seed."

True, you can't expect the average seedsman and nurseryman to carry seeds of every variation and species. You must search the catalogs. You must search catalogs from a dozen different lands. You must get into communication with plant explorers and seed collectors. You must make friends with people in botanical gardens. If you are really in earnest, you will go to no end of bother.

Only the other day I was walking through an herb garden. A plant that was strange to me brought the owner's explanation that she had had the seed collected for her in India. . . . At this moment on my desk before me are seed pods of half a dozen Clematis that Ernest Markham, the gardener at Gravetye Manor—William Robinson's old home—slipped into my pocket. And there are, too, Rose hips of wild kinds we lack in the garden that came in a letter from Ireland.



**WALLPAPER NOTES.** D'you know that one of the commonest uses for wallpapers in the early 19th Century in America was as a covering for hat boxes? Many of these papers, printed especially for the purpose, commemorate events in American history.

And d'you know that the man who "gave an impetus to the making of wallpaper that put it in the foremost rank of artistic and commercial products of France" was Jean-Michel Papillon? Born in 1698, the son of a wood engraver, he wrote a book giving practical details of wood engraving and of the art of wallpaper printing.

**STREET NAMES.** Loving Readers, knowing our editorial weakness for odd street and place names, are sending them in generously. In either Jay or Randolph County, Indiana, are towns called Lido-skilllet and Shake-rag. So reports a doctor of Cleveland. And Cleveland reminds us that its main thoroughfare, Euclid Avenue, has a romantic history. When the town was being founded, a party of surveyors objected to having to live in a swamp. The city fathers gave them a spot on high land farther back in the country. They named their settlement after Euclid, patron of surveyors and mathematicians. The road from Euclid to Cleveland eventually became Euclid Avenue.



**BIGAMISTS AS GARDENERS.** If you care to investigate the subject you will discover that gardening is conducive to marital stability. The divorce rate is low among those who wield the hoe and spade. So it came as a bit of a shock to read the report of an English prison authority to the effect that whenever men came to jail to serve sentences for bigamy, they were put to gardening, as bigamists proved the best gardeners! That explains why a lot of us gardeners make such dismal failures with a lot of plants.

**TO NATCHEZ AND RICHMOND.** From March 27th to April 3rd the ladies of the Natchez Garden Club will be dusting off their costumes ready to receive visitors. It is Natchez Pilgrimage Week. What with its old gardens and old houses and charming people, Natchez is one of those places all good Americans should visit. Its pace of life is slow, thank Heavens, and people down there have time to enjoy the beauty that surrounds them and to welcome visitors with genuine enthusiasm. And in Richmond from April 25th to April 30th the Garden Club of Virginia will hold their annual Garden Week, a tour of historic gardens.

## WALL IN WINTER

I'll never be gay again . . .  
I heard the gun thunder,  
Saw the buck drop to earth  
Fleet hooves bent under.  
I saw his eyes  
Glaze with surprise  
That earlier in the fall  
Met mine in mutual stare  
Over our Autumn wall  
Our breath white on the air.  
Remembering our locked look then  
I can never be gay again.

—HELEN MURPHY.



ROBERT M. DAMORA

*A quiet corner surrounded by books and friendly walls of knotty Pine in the library of M. Lincoln Schuster*



# LIBRARIES TO LIVE WITH

*Suggestions for book-lovers, by M. Lincoln Schuster, noted publisher*

**T**O DO as a man what you dreamed as a boy is a rare and exquisite pleasure—perhaps one of the few indestructible forms of happiness it is our mortal lot to experience in this earthly existence. For years I dreamed of a library to house all my books in a really comprehensive and intimately livable, usable manner. For years I dreamed of designing and building a room with ten thousand windows on the world. For years I dreamed of blue-prints, architects' drawings, decimal classifications modified to meet my own private needs, book-shelves high enough and wide enough apart to make possible an orderly classification of all knowledge—a microscopic edition of the British Museum, a sort of miniature private dukedom of literature all my own—in short, the home library of my secret life-long aspirations.

Then one day I decided to do something about it.

I decided to practice what I preached as a publisher—and give the lie to the notion that cobblers go barefooted.

I have therefore just completed at Sea Cliff, on the North Shore of Long Island, a new library in the form of a special wing attached to my country house. Here I now keep in one place my collection of ten thousand books.

By way of tribute to one of my favorite publications, I named my place in the country *Green Laurels* because while engrossed in the adventure of building this new library, I was steeped in Donald Culross Peattie's book of that name. My neighbors on Long Island and my colleagues at Simon & Schuster call this new library The Innermost Sanctum. It took me almost three years to plan and bring to completion this library which was to be a retreat, study, workshop, and integral part of my home.

For a long time I had kept some of my books in my New York apartment, some in Sea Cliff, some in the office. As my library grew, I found it more and more essential to consolidate the collection in one library, partly for personal study and delight, and partly for my "homework" as an editor and publisher.

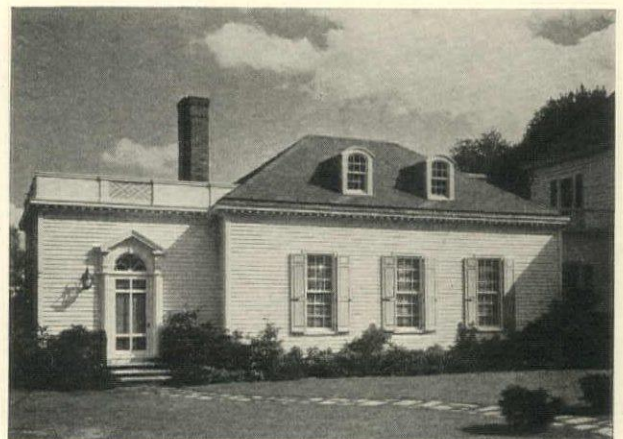
After studying the designs of some of my favorite small private and institutional libraries in various parts of the country, I prepared an informal sketch of what I wanted, and indicated rough dimensions to meet my requirements. I carefully computed the number of running feet of shelf space required to take care of immediate needs and allow for anticipated growth, stipulated the necessary working acces-

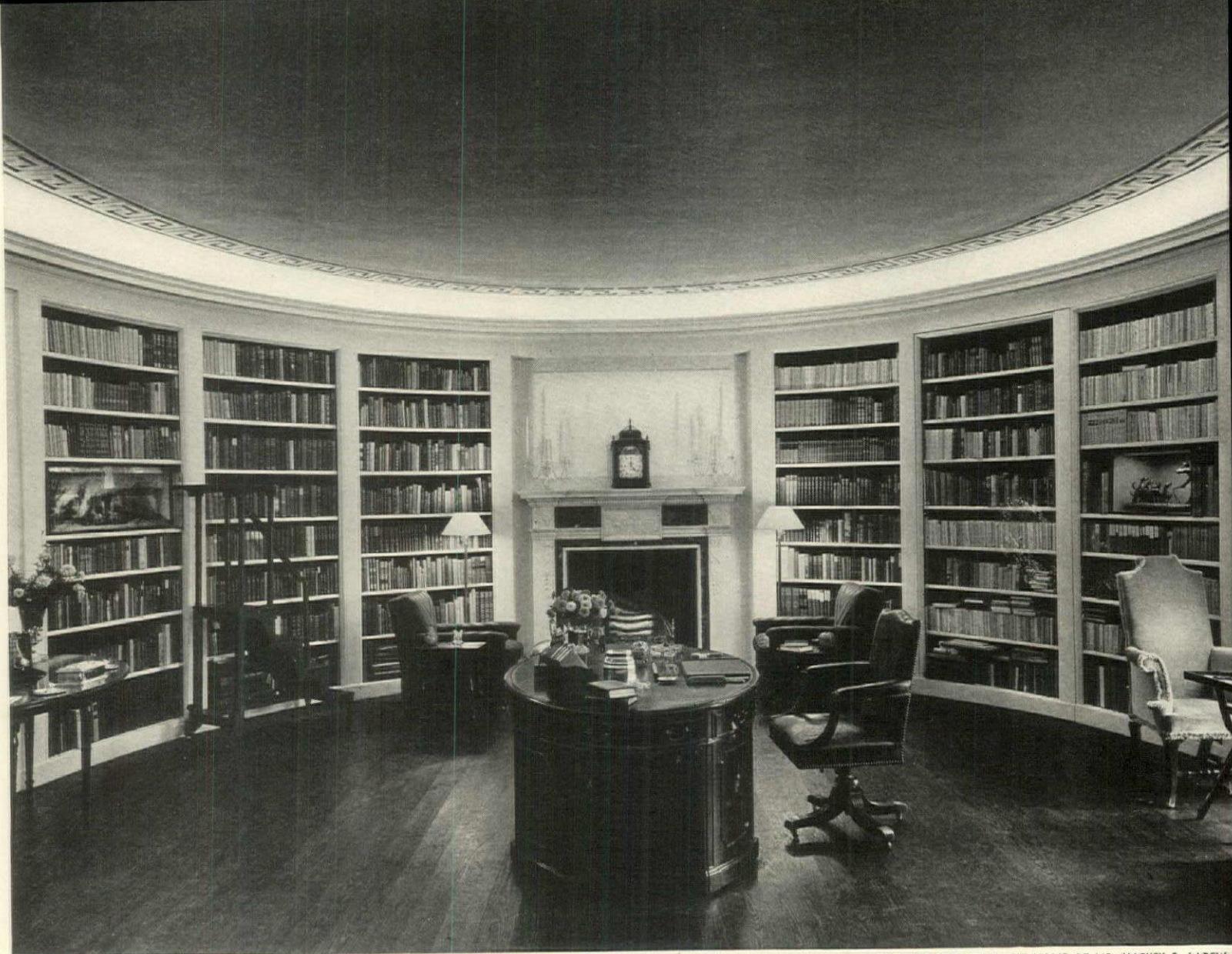
sories, base-cabinets, library and secretarial equipment, and indicated my preferences in shelving, illumination, and general layout. At the suggestion of my friend, Elmer Adler, editor of *The Colophon*, I then retained the noted New York architect, Emil Szendy, to draw plans and specifications and supervise the construction. It was his problem to keep the new library in harmony with the main house to which it was to be attached.

The result is the library wing pictured in the illustration, with long windows and French doors, a high pitched roof and gable windows in the roof. For all my books, an unusually large room was indicated. To reduce the size to more intimate proportions for a livable home library, one of two plans was possible—either a two-story room, with shelves no higher than six feet, and a balcony running all around, or a layout of alcoves to augment the shelf-space. Both these plans had drawbacks, the former requiring frequent trips to the higher level, the latter producing more the feeling of a club or university library than that of a private home. The problem was finally solved by breaking up the library into three sections, the main book room, an ante-room leading to the old house, and a secretary's room at the other end, and by building the bookshelves to a height of twelve feet all the way up to the ceiling, entirely around the walls, except for doors, windows and fireplace. This makes seven bookshelves fourteen inches high and a base-cabinet down to the floor. I decided that books on high shelves did not present a serious problem. A number of library ladders, the largest of which can be rolled around on castors, meet this situation very easily.

The library wing is therefore 69 feet long and 36 feet wide at the bay window. The main book room is 35 feet long, 24 feet wide, and 12 feet high from floor to ceiling. The ante-room, also lined with bookshelves, is 12' x 11', the secretary's room 18' x 14'. In the latter are more bookshelves for reference volumes, filing cabinets, and the card index records for all the books. The long axis runs north and south, with a

**T**HE library of the publisher, Mr. M. Lincoln Schuster, occupies a newly completed wing of his house at Sea Cliff, Long Island. In architecture it is planned to harmonize with the Early American style of the house. For a more homelike arrangement the library is divided into three rooms, a main book and reading room, a secretary's room and an ante-room. Emil Szendy, architect.





GOTTSCHO

CIRCULAR LIBRARY IN THE HOME OF MR. HARVEY S. LADEW

large brick fireplace at the north end. In the east side wall is a deeply recessed bay with three long French windows, two of which open out on the terrace. In this bay is my desk, framed in sunlight and a background of trees and lawn. Window seats and grills for heat ducts and air conditioning complete the decorative scheme. In keeping with the name, masses of green Laurels dominate the landscape planting all around the library.

From the ante-room which is connected with the living room of the main house three steps lead down to the library, giving the whole composition a dramatic value.

The woodwork and built-in bookshelves which line the library from top to bottom are knotty white Pine (selected Idaho Pine, to be exact), slightly stained to a honey color, and waxed. The ceiling of both the recessed bay and of the ante-room is inlaid with the Pine panels. Below the bookshelves are base-cabinets for large maps, documents, cartons, pamphlets, and other over-size volumes and reference material.

For indirect illumination there is a series of holophane lenses built into the ceiling cove above all the bookshelves. These shelf lights can be controlled separately or all together.

Naturally, the library reflects my personal interests and publishing obsessions. Most fiction being segregated in the living room, the main library is devoted to general literature, classified by subjects according to the Dewey

Decimal System. The largest sections are devoted to philosophy, music, biography, poetry and science, with special categories for books about books and publishing, a basic subdivision for the "cornerstone" books of all time—masterpieces of world literature, and books that have changed the course of world history. On the bottom shelf in each section of the library are grouped large cartons to hold pamphlets, documents, manuscripts, clippings and other reference material on the same subject.

I was careful to stipulate shelves unusually far apart—fourteen inches, to be precise—throughout, so that even tall volumes could be placed in their proper places by subject. Usually in most libraries the shelves are closer together near the ceiling. This I believe to be a mistake in small-library practice, since it interferes with logical subject classification. I also believe in fixed rather than allegedly adjustable bookshelves, because I have never yet seen anybody adjust an adjustable bookshelf.

Put me down as a strong advocate of open bookshelves, built into the walls. I deplore the old-fashioned glass bookcase idea, which I associate with dark, depressing libraries for storage rather than for use and enjoyment.

The shelves of my library are grooved for the insertion of removable classification labels. This idea I boldly copied from the new Columbia University library.

It is my contention that a (Continued on page 66)

*The three libraries on this page combine the prime factors of reading comfort and accessibility of books with charm of decorative theme*



GOTTSCHO

THE circular library on the opposite page, a detail of which is shown above, is an unusually graceful room in the home of Mr. Harvey S. Ladew at Monkton, Maryland. It was designed by James W. O'Connor and decorated by Smyth, Urquhart and Marckwald. Cove lighting floods the books with light.



IN a small house an alcove may be turned into a library. In this new house at Bel Air Estates, in Los Angeles, bookshelves have been built to surround the fireplace which not only solves effectively the book problem but adds a touch of individuality and charm to the living room. Burton Schutt, architect.



THIS general view of the main room of Mr. Schuster's library shows the arrangement of furniture for all the various activities of the owner—comfortable chairs for reading, ample center table for consulting reference books, desk in the window bay for writing, and excellent reading lamps everywhere.

ROBERT M. DAMORA

# From three pine pieces... came a room

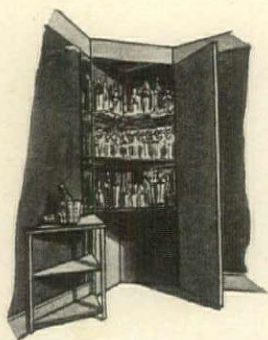
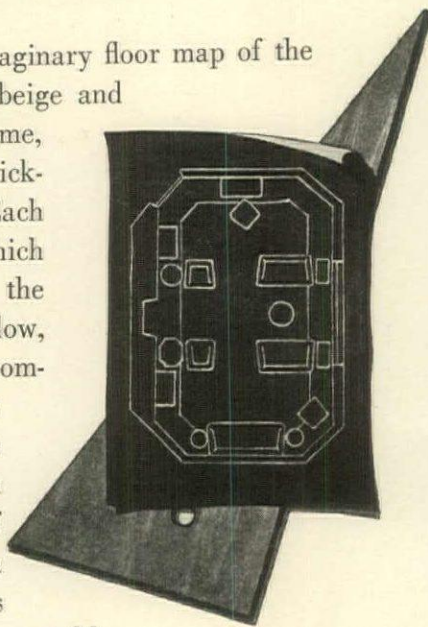
Once upon a time (which is the way all good stories should start) a woman was puzzled by the furnishing of a room. It measured 14' x 23' and one wall had a long window. It was in a sad condition, this room, and would require complete doing over.



She had three pieces of pickled pine furniture of which she was very fond—two commodes, like the one shown here, and a secretary desk which is shown on the opposite page. She decided to build her room around these, and to suit them, she chose

modernized Georgian as a style. So she cut off the corners of the room and in three made closets. Two of them would hold her things for games.

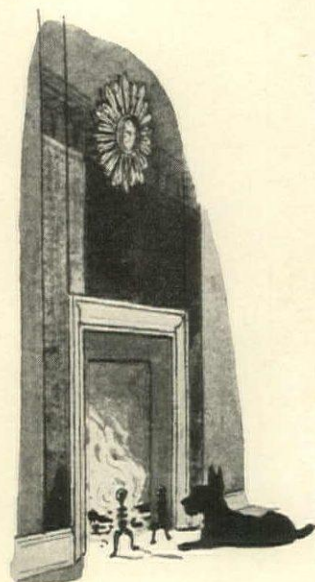
Next she made an imaginary floor map of the room and then chose beige and green for her color scheme, as this would suit her pickled pine furniture. Each side the fireplace, which was in the center of the wall opposite the window, she could see her commodes. She would buy two large easy chairs in green and beige and on the fireplace side of each of these place a side table. Opposite this group, by the window, would go two love seats slip-covered in beige and beside each a table. She put her desk in the middle of the short wall.



On either side of the four corner doors she ran a panel of gunmetal mirror. The floor was painted gunmetal color, varnished and waxed. Behind the door in the fourth corner she concealed a bar. Other architectural changes she made included a modified Georgian plaster cornice and on this she put medium-sized modern wooden discs. For

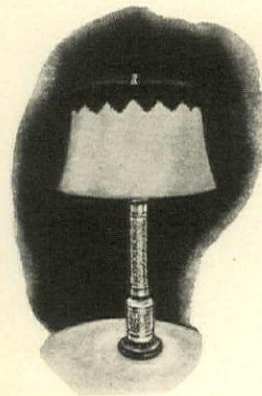
background she would paint the walls a flat green.

The fireplace was still to be done. It was old-fashioned and ugly. So she ripped it out and substituted a simple molding flanked on each side by long panels of gunmetal mirror. The chimney breast she covered with a large section of the same kind of mirror and in the middle drilled holes in which she set an antique sunburst clock, a treasured family heirloom.



So far green and beige and gunmetal and the pale wood tints of the pickled pine were her color notes. She needed another for the short end opposite the desk. So she bought a comfortable couch and upholstered it in mauve. Beside this couch, near the window, she put a table with a lamp on it and to the left a dumb waiter.

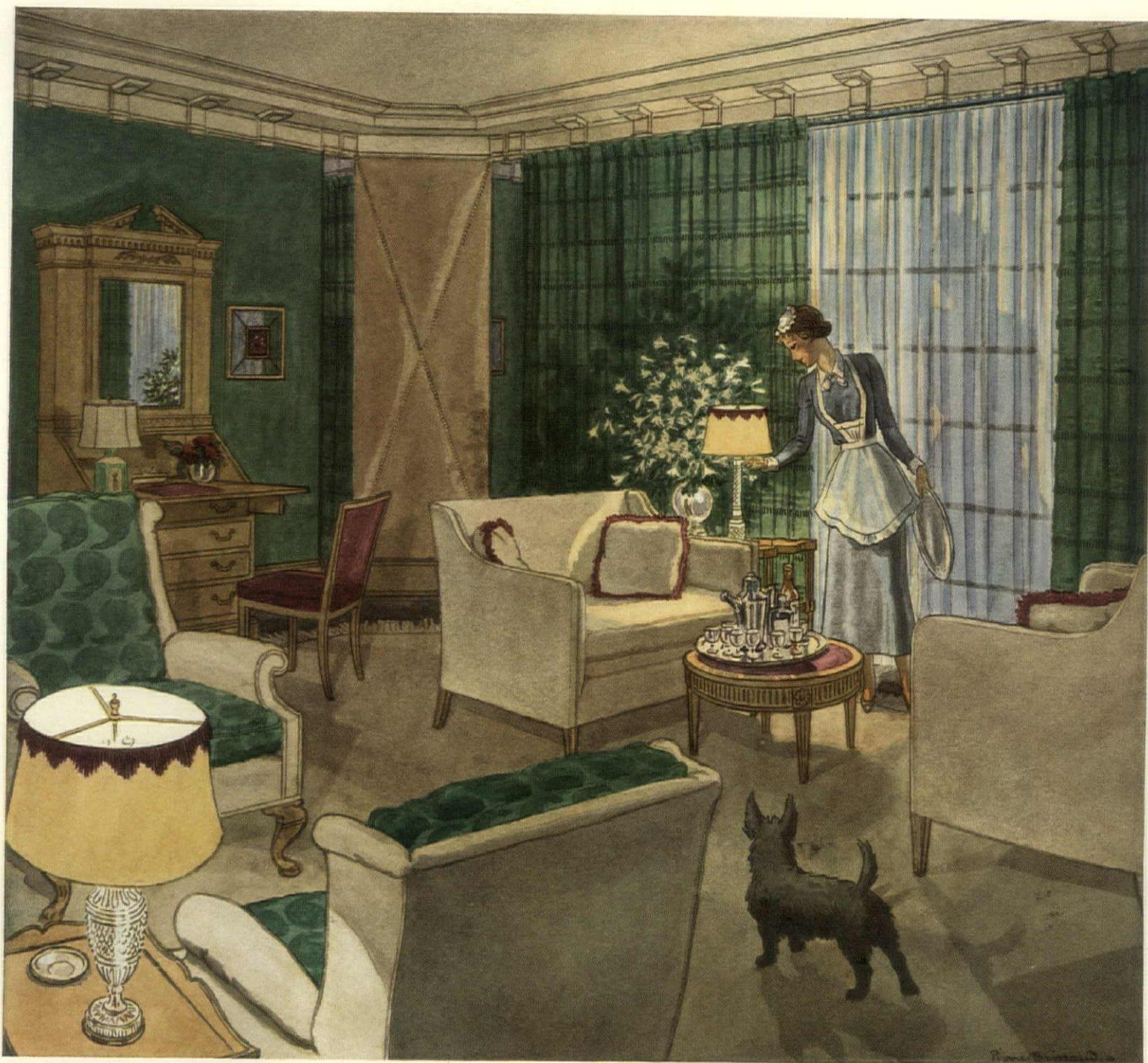
She also bought a low coffee table (see below) to go between the two love seats by the window. The top of this she covered with mauve suède. Her desk chair she cushioned in mauve and on all her lampshades, which were beige, she repeated this mauve accent. As for the floor, she covered this with a beige fringed rug. Since the walls were painted green, she chose green draperies. When drawn shut, they would cover most of the window side of the room with this material. She also used lace glass curtains.



So ends the tale of the lady with the two commodes and a desk and how she built up a successful room around them. Maybe your problem is like hers. Maybe you have a different problem. House & Garden will be taking up

these problems month by month and solving them, we hope, to your satisfaction.

No room is beyond solution. Once you know the principles of scale and color and the common sense rules of arrangement, the most puzzling room can be made livable.



DRAWINGS BY PIERRE BRISSAUD

*in green, beige, and mauve*



Virginia Conner of Bello, Inc. designed this problem room. She chose her furniture from Robert Irwin, her draperies, glass curtains and upholstery fabrics from F. Schumacher & Company, her rug from Alexander Smith, lamps from Lightolier, trimmings, Consolidated Trimming Corp.; mirrors, Pittsburgh Plate Glass and leatherette corners, L. C. Chase.



SEE CAPTION ON OPPOSITE PAGE

*For a conversational interlude—group around the sofa in the living room of Mr. and Mrs. Julius A. White*

# FURNITURE ARRANGEMENT

*First lesson, in a series of three, in which we analyze the most important of fundamental decorative problems and offer a few practical solutions. In March—"Arranging Backgrounds"*

ARRANGING furniture is just another case of brains over brawn. Of course, you can use strong-arm methods—that is, pushing things around until you think you've got something. Or you can do a little theoretical paper work first. And this last will eliminate your scratching up the floors at least.

It ought to do more. For back of every room you like lies theory, fairly simple theory which anyone can use. It works in any room—not just in the ones that win architectural prizes. For even in the less-than-perfect room, the way you group your furniture can go a long way to making up for those misplaced windows and doors we meet all too often.

Theoretically every room has two imaginary lines, running like the equator through its center and exactly bisecting each of the four walls. And theoretically, the pleasing or unpleasing effect of the room depends upon how furniture is placed on either side of these bisecting lines.

So the first thing you'll need in laying out your room is a floor plan showing windows, doors, fireplaces and so forth with their dimensions, not only their width but their approximate height and their relation to the height of the ceiling.

After you have drawn your imaginary lines on your plan, study it and decide which walls will lend themselves most naturally to a bi-symmetrical treatment. This means an exact balance of furniture on either side of the imaginary center line. Usually the wall best suited will be a blank wall, or

one with a centered window, fireplace or door, or one in which two windows or doors are at equal distances from the center.

Don't be afraid of symmetrical arrangement on the ground that it is "too set", for it gives you the repose all rooms need. Traditionally and theoretically the most pleasing rooms have three walls treated in this manner. Some equally pleasing but less formal ones have two. Four bi-symmetrical walls are usually far too stiff and formal to be pleasing. Modern rooms often have no bi-symmetrical walls at all, though some of the best have one such arrangement at least.

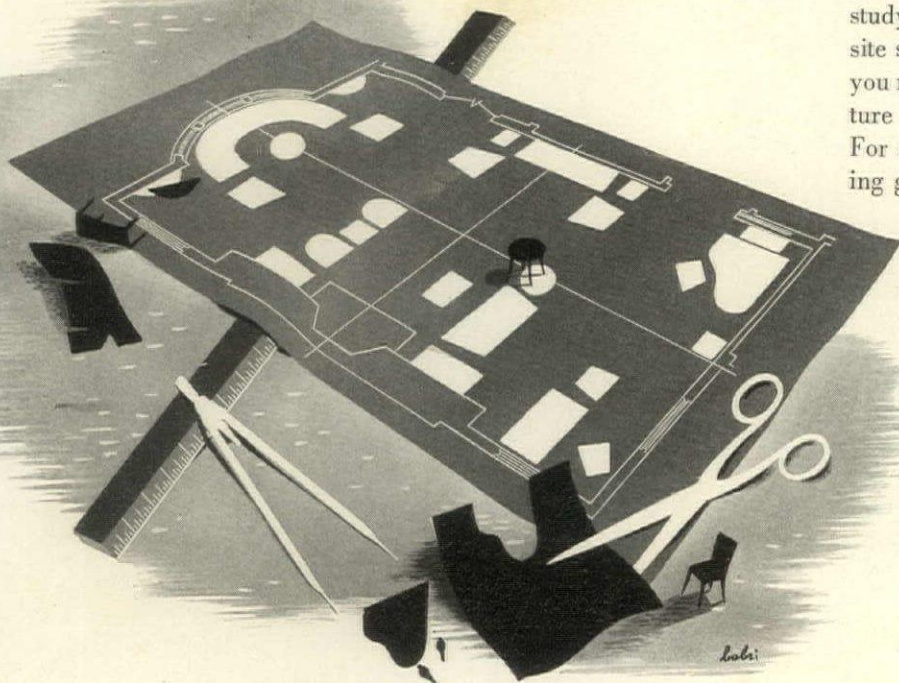
Look at the floor plan at the bottom of the page. This room, planned by one of New York's leading decorators, is an excellent example of general principles (aside from its charm and delightful color combinations). Three of the walls are treated bi-symmetrically, the furniture grouped to produce a balance between the two sides of the imaginary center line. On the fourth wall another variety of balance is achieved, known as occult balance. This is something which is felt rather than actually seen. Here it is brought about by counterbalancing the "weight" of the piano against that of the window-desk group on the other side.

Although this room is really arranged according to esthetic by-laws, it is not all esthetics. It makes sense. It is a room to live in. Study the arrangements of furniture about the fireplace, about the sofa, the window, and notice how beautifully the room, in spite of its unity, breaks up into conversation groups. The small tables, lamps and chairs are not simply placed to make a pleasing picture, but for practical use.

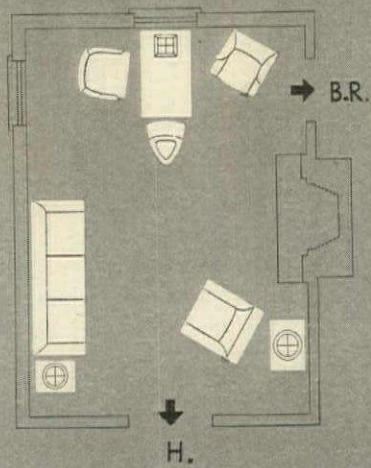
Of course, unfortunately, every room is not so architecturally perfect to begin with as the one shown here. On the pages following, we have shown floor plans of a number of average rooms. We have not picked perfect rooms. We took them as we found them and the furniture arrangements are calculated each to solve a particular average problem.

As you plan your furniture groups ask yourself what you use your living room for most—for entertaining, for studying, for sitting about the fire. Are there doors on opposite sides which make a clear passage across necessary? Do you need to make the most of the daylight? What main furniture groupings best suit your particular habits of living? For suggestions for living room groups turn the page. Dining groupings are on page 30; hall arrangements, page 32.

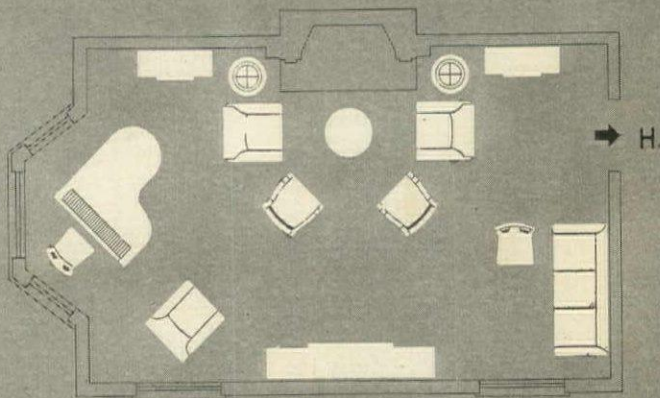
GREAT rooms from little floor plans grow, and distinction is the product of thoughtful arrangement. The charming group on the opposite page is part of the living room of Mr. and Mrs. Julius A. White, in Mill Neck, Long Island. The complete floor plan at the left shows the way in which the decorator, Mrs. Dodd, Inc., has combined balance and practicality in the various groupings.



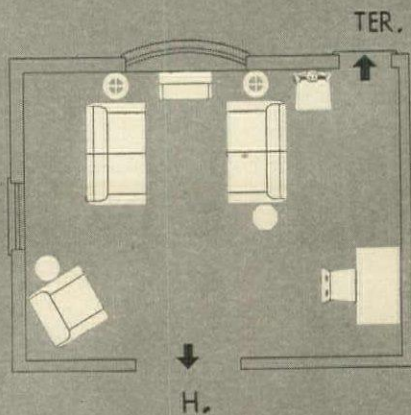
# LIVING ROOMS



If your living room is small and you read and write considerably, your desk may be the center of interest, perhaps placed in front of a window with a small table beside it for reference books. Manor House



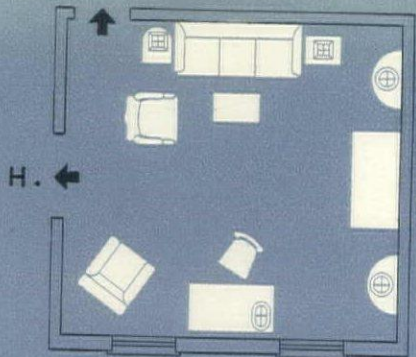
If your living room is large, it may have more than one point of interest, but around the fireplace is ideal for a charming conversation group. The pull-up chairs may be moved about the room. Manor House



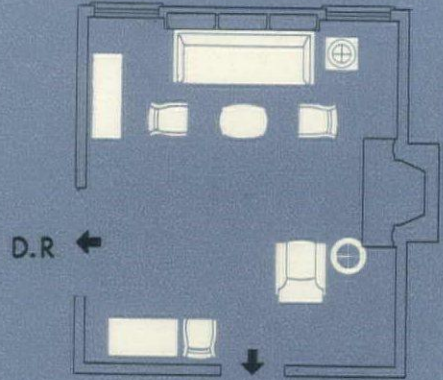
If you have a small living room with a view and not much else, try a pair of love seats flanking the window to form a compact group which does not interfere with traffic through the room. Sloane's



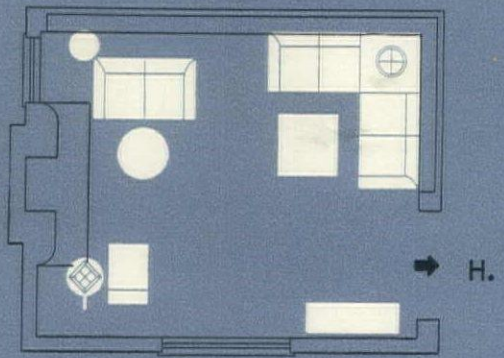




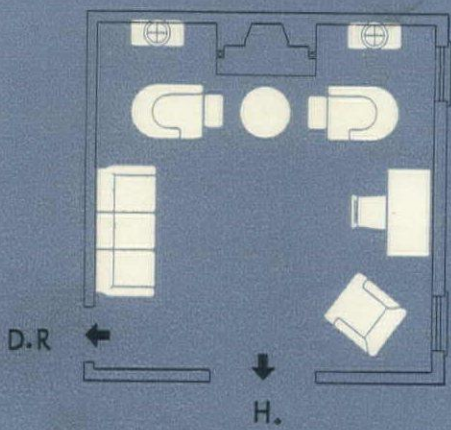
If your room has no fireplace or outstanding architectural feature, make the sofa the center of interest, grouping about it reading lamps, magazine rack, coffee table and pull-up chairs. Kittinger Co.



If you have a place for built-in bookshelves, you can use them as a background for your most important grouping and add individuality to an otherwise uninteresting room. W. & J. Sloane, decorators



If your living room is modern, you may use an asymmetrical arrangement about the fireplace achieved by a three-piece break-away sofa, which shifts and combines into different groupings. Modernage

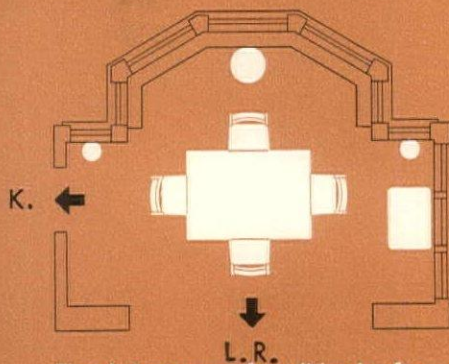


If your room is small and *intime*, a pair of armchairs with small footstools placed on either side of the mantel with matched lamps and tables make

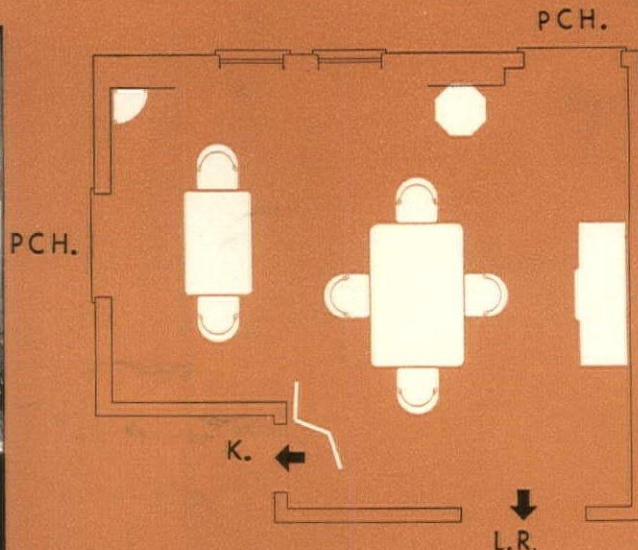
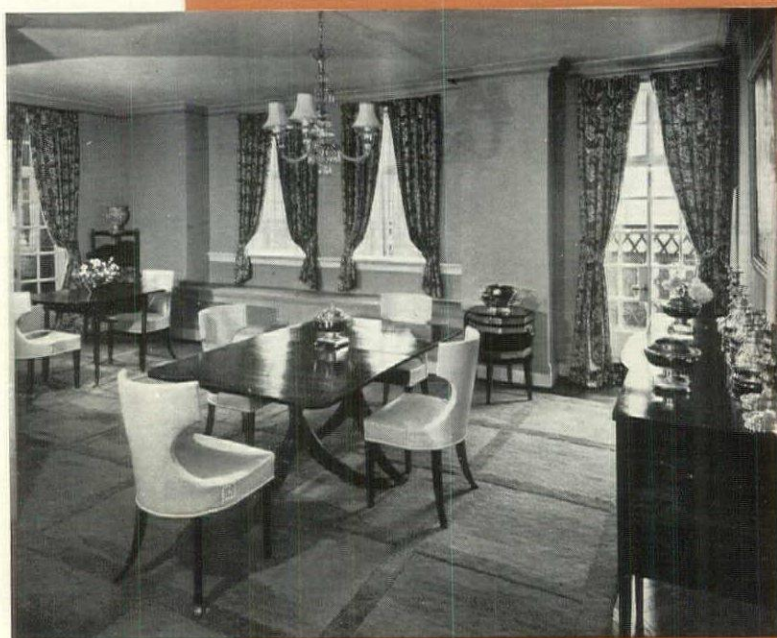


# DINING ROOMS

DANIELSON

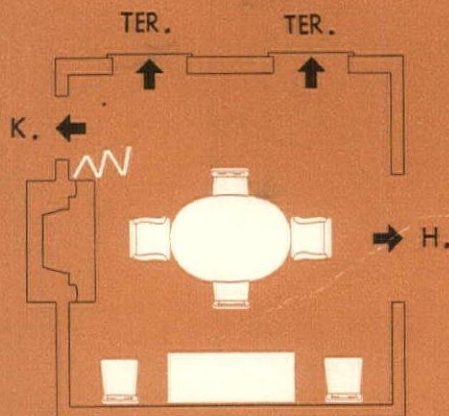


The dining room of tradition is often modified today by limitations of space or new needs. Here a sunporch has been turned into a charming room for breakfast or informal dining. By Jones & Erwin

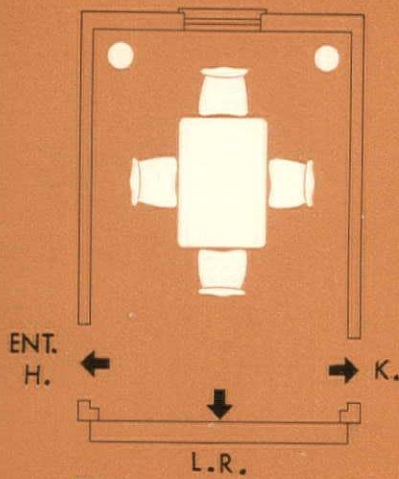


Many larger dining rooms will accommodate a small table for breakfast or small family meals, particularly where there is an alcove or window bay as in this dining room decorated by Maitland Lucas

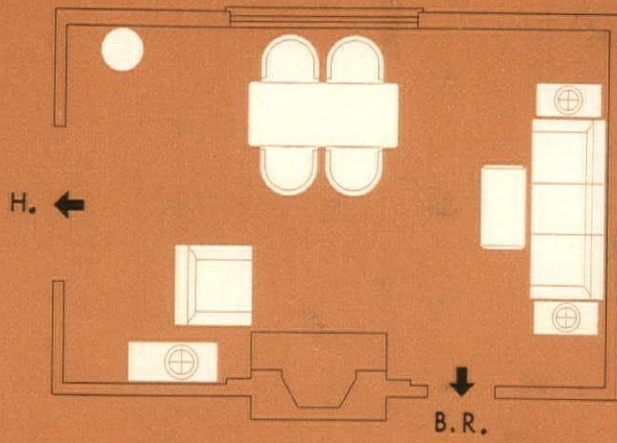
NYHOLM



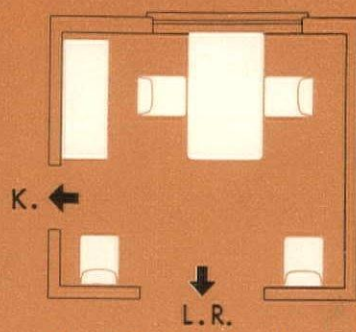
Even the small intimate dining room may take on dignity and formality by use of well-chosen furniture, small in scale, and interesting wall treatment, as in this room by Mrs. Truman Handy of Thedlow



The foyer into the dropped living room, so popular in the newer apartments may become a dining alcove with a small dining table and chairs which may be used as side chairs in the living room. W. & J. Sloane



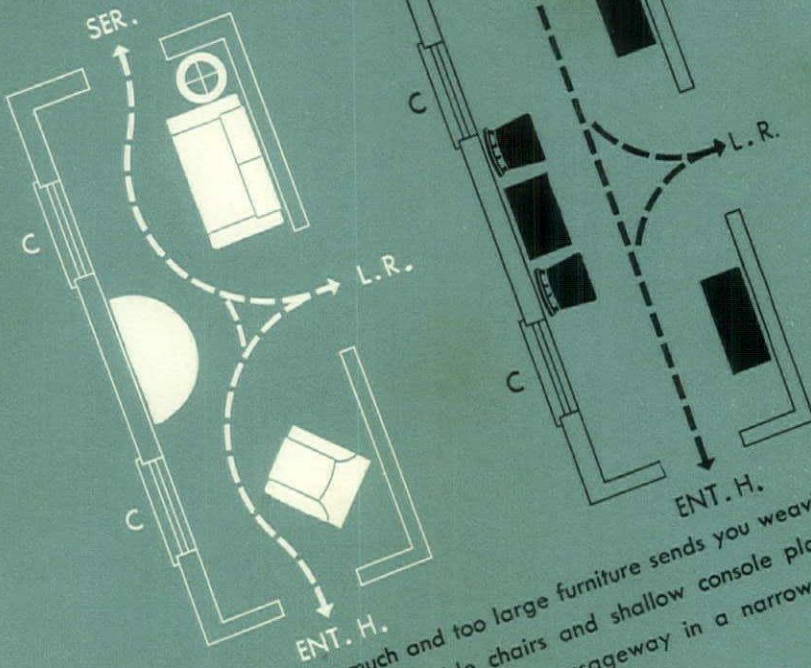
Apartment house life has brought the problem of the living room which must also be used for dining. W. & J. Sloane contributes this solution, the table placed lengthwise in front of a wide window group



New dining problems have also created new table designs, such as this where the table squared on the end fits against the wall or under a window, thus giving extra space in a small room. Modernage

wrong

right



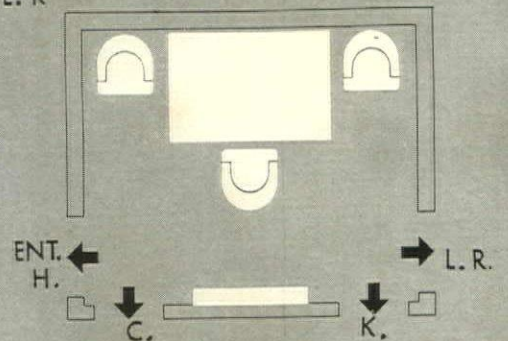
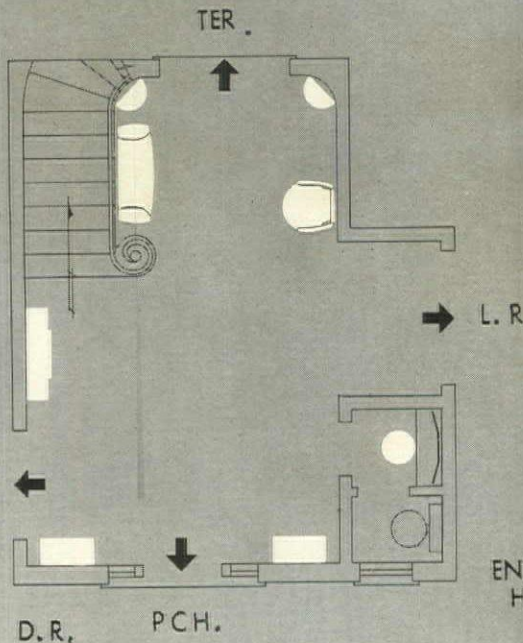
Wrong: too much and too large furniture sends you weaving in and out. Right: side chairs and shallow console placed against the wall give free passageway in a narrow hall.

# HALLS

S. LINCOLN



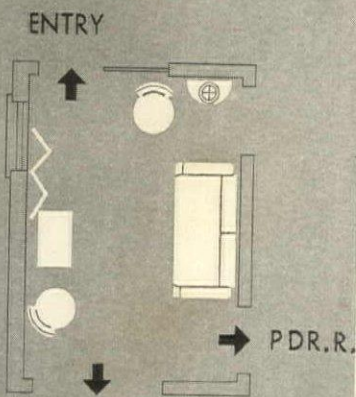
If your hall is traditionally spacious, serving as a connecting passage to all portions of the house, console tables and a small bench against the wall give free circulation in all directions. Miss Shatter, Inc.



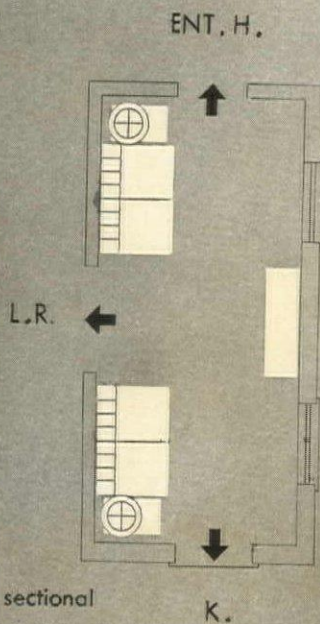
If you have a small apartment foyer, a drop-leaf console table against the wall makes it possible to use the space for dining. Dunbar Company



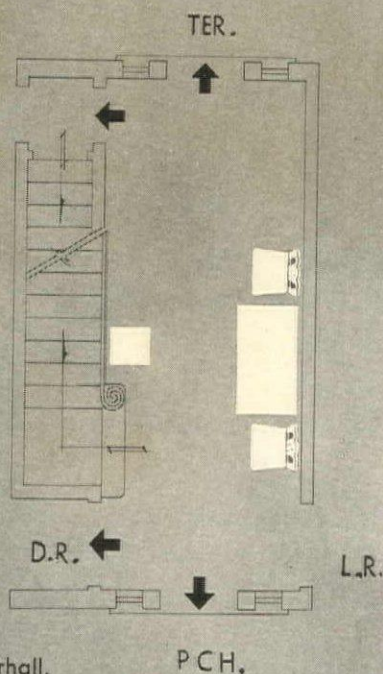
If you have a small hall off the main entry, you might use it as a cheerful little reception room, by furnishing it with a love seat, a pair of side chairs and a low table for smoking things. Walter Johnson



If your apartment has a long gallery, sectional seats ranged against one wall give free circulation, and the chairs may be shifted about for bridge or brought into the living room when needed. Dunbar



If you have an old-fashioned long, narrow stairhall, furniture should be chosen which does not take up too much space, placed to balance the stairs on the opposite side. Aymar Embury II, architect



*A Hall*, of course, is primarily a thoroughfare. We almost forget that nowadays when we use it for so many other activities as well. But whether yours doubles for a reception room or coat room, or even a study, you should consider traffic.

On a floor plan of your hallway, before you plan the arrangement of your furniture, plot out all the passing backwards and forwards from room to room which will naturally go on through the hall. Put in not only your own meanderings but also those of the maid. When you have finished tracking your straight and curved lines from front door to living room, to dining room, to kitchen, to upstairs, to closet doors—everywhere—then you will be able to see clearly pretty much where furniture can and cannot comfortably go.

Some furniture is definitely "hall" furniture, but there is no reason why, if the hall is large enough and you wish to use it as a study, you should not have your desk there, or if it is to serve as a reception room, a love seat and wing chair. But avoid picking pieces of furniture which are inclined to bulge over the normal traffic lines. With certain modifications, the same general principles discussed at the beginning of this portfolio on furniture and arrangement apply to hallways. For formality and a sense of repose, at least one bi-symmetrical grouping is recommended. The architecture of your hall will have much to do with whether you treat more walls than one in this manner. Often a pair of evenly spaced doors with a mirror or console between naturally forms a symmetrical group as in the small hall on the opposite page.

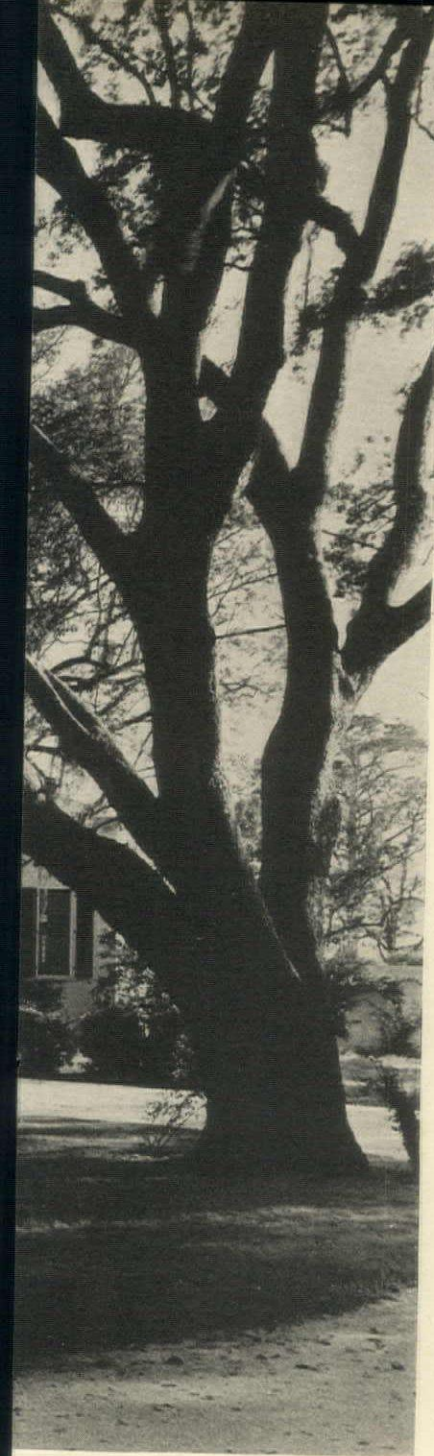
In March, the second lesson in this series will present suggestions for the decoration of interior backgrounds. And in April we bring you new furnishings and color schemes



GOTT

## CAROLINA CLASSIC

*The recently completed home of Mr. Walker P. Inman, nine miles north of Georgetown, S. C., adheres to the good architectural tradition of the locality. Built on an old plantation, the house and its dependencies are the work of Wyeth and King, architects. The excellent scale of windows and doors, and many of the interesting details, were derived from an old Georgian homestead.*



ABOVE: the south elevation of the house shows the familiar portico, with steps descending to the garden. The wing at the left contains the dining room, pantry and kitchen, while that at the right is given to the owner's and guests' bedrooms.

RIGHT: the north portico, on the entrance side of the house, centers on the long vista of the driveway. On the opposite page, a comprehensive view of the north façade shows the classic simplicity both of the architecture and of the landscaping.

BELOW: this view from the garden shows how the traditional symmetry and long central axis of the north façade are effectively repeated on the south side. Innocenti and Webel were the landscape architects, and Ruby Ross Wood was the decorator.



# SCOTS WHA HAE

By Colonel and Mrs. Theodore Roosevelt, Jr.

NO COUNTRY has more tradition than Scotland, and the Scots, in my opinion, are the most extraordinary race I know. They originated in a barren, hilly little end of a rather small island. Now they are all over the world. I have met them in Singapore, Teheran, Colombo, São Paulo. If you go into any bank in the Orient and ask for the manager, the betting is ten to one that his name begins with Mac. The same holds true of the engine room of a ship. The chief engineer is bound to be a Scot. They are industrious, they are careful, they like whisky. Once when I dropped over the mountains in Asia on my way back to civilization, I found in the farthest outpost of empire a Scotsman. He brewed a villainous drink called Atholebrose, which looked like weak coffee and had a kick like the proverbial mule. When a pitcher of this had been finished, he solemnly read the Bible aloud to me.

I myself have a little Scotch blood, which came from a man who came to the

United States many years before the Revolutionary War. He started from Scotland with his family and goods. His vessel was wrecked, his family and goods were lost. He himself settled in what was to be Georgia, and by the end of his life had acquired not merely another family, but a large part of the pleasing countryside.

When a little boy, I was always reading stories of the Scots. First, of course, came the novels and verses of Sir Walter Scott. Some of the latter I can still recite, and in those days as a boy I was alternately character after character in them. I was Sir William of Deloraine, "a stark moss-trooping Scot". I was Marmion. I even became FitzJames, and placing my back against a rock, announced that it "would fly from its firm base as soon as I". Sir Walter's verse naturally led me to Border Minstrels. Chevy Chase, Kinmont Willie, The Blind Piper, and a hundred others became familiar standbys.

The result of this and much more similar reading made me feel almost as familiar with Scotland as I was with Oyster Bay. I knew the names of its lochs, its mountains, its rivers, its cities, around which cling the romance of the ages. Indeed there is so much that I want to say about Scotland that it is hard for me to stop now. I always wanted to go there, and for years I never had an opportunity.

Then came my first chance. I was asked to lecture at the University of Edinburgh. I took the "Flying Scotsman" north from London. It is a delightful and comfortable train. When I landed in Edinburgh, I felt almost as if I were at home, and fully expected on my way from the station to meet Bonny Dundee, marching down the street after sassing "the Lords of Convention". I anxiously scanned the faces of the bystanders to see where "the sour-featured Whigs" were.

I thought of Montrose in the dungeon, "waiting death in his last slumber", of John Knox, and above all of Mary, Queen of Scots, her husbands and lovers.

Edinburgh is a delightful town. Perhaps the most interesting feature of all is the Castle. It is built on a great rock where tradition says that Malcolm the First had a hunting lodge in the year 1004. It has gray stone battlements, courtyards, halls. In one massive building there is a tiny gloomy little room, no larger in size than the proverbial hall bedroom. It was used by Mary, Queen of Scots, and there James the VI. of Scotland, and I. of England, was born. Incidentally, he is supposed to have been lowered from (Continued on page 68)



Abbotsford, one-time home of Sir Walter Scott





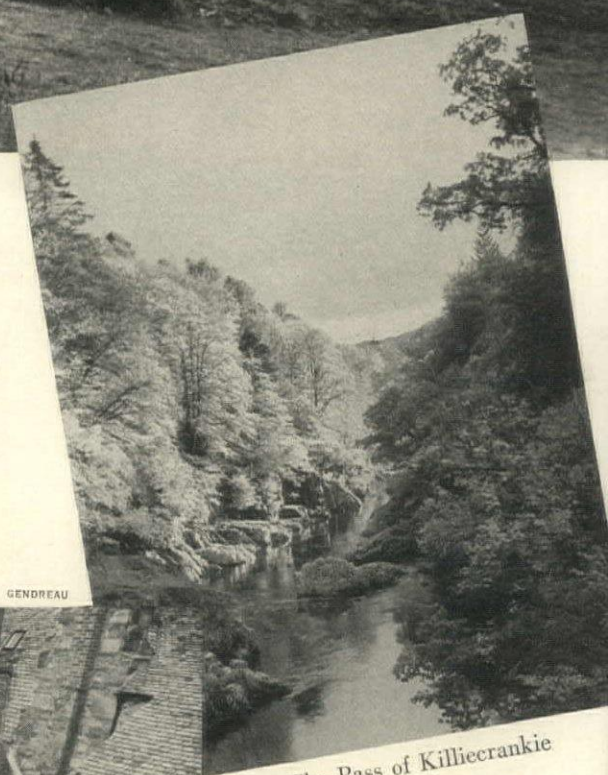
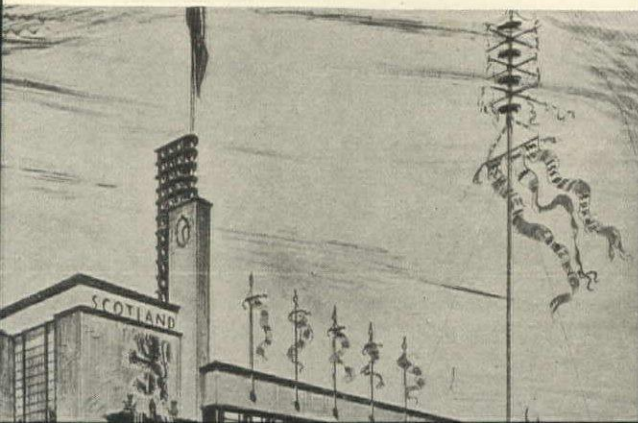


The simple grandeur of the Scottish highlands

*Distilled from the mists of history and tradition the atmosphere and charm of Scotland linger to-day in its old cities, quiet lakes, and craggy, heathered highlands.*

GENDREAU

Scottish pavilion, one of the buildings of the Empire Exhibition mentioned in the text



The Pass of Killiecrankie

# OUTSTANDING NEW PERENNIALS

*Appraised by F. F. Rockwell*



1. *Gaillardia Mr. Sherbrook* is a fine yellow, decidedly strong growing
2. A really good pink *Buddleia*, *Charming*, appearing this Spring
3. The amazing *Russell Lupines*, as they are grown in England
4. *Pink Bouquet* is a compact and very free flowering *Pyrethrum*
5. Among *Veronicas*, *Blue Spire* stands out as particularly desirable
6. Some of the new *Giant Hybrid Aquilegias*, notable for their size
7. *Rosenschleier*, a dwarf *Baby's-breath*, is a long-flowering double pink
8. *Clippersfield Orange* sets a new standard among *Heleniums*

THE search for better perennials is of very real interest to every gardener. Whether or not they may be "novelties" is of little, or at least of secondary, moment. New annuals one can well afford to try, even by the dozens, each year. If they don't make good, they are discarded and forgotten. With perennials, however, one must make an investment that is more important—not only in cash, but in time, garden space and labor.

Fortunately for the gardener with limited space and means, most perennials get a rather thorough testing out before they are listed by anyone, even by the introducer. By the time a "novelty" perennial is offered by several houses, it is pretty sure to have demonstrated under gardening conditions that it is worth while.

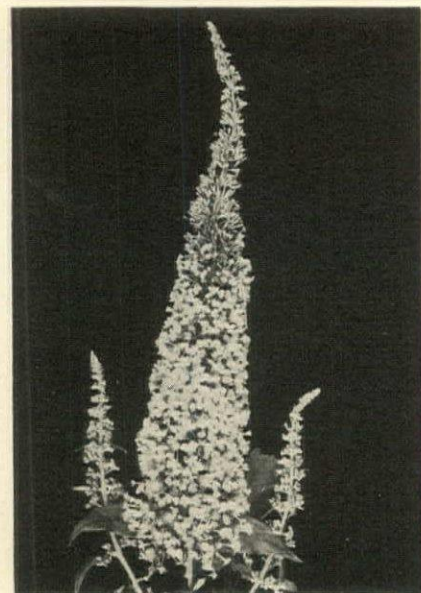
Whether or not its qualities are such as to make the new plant a desirable addition to any particular home garden is quite another question: a question which each gardener must decide for himself or herself. That is why it is so important to study the offerings of newer perennials in comparison with what may already be available.

Unquestionably the outstanding new introduction on the perennial horizon for 1938 is the strain of *Lupines* developed in England by George Russell. No other achievement in plant breeding, with the possible exception of the Hybrid Korean *Chrysanthemums*, has in many years created such a stir of interest.

So far as America is concerned, we are taking these new *Lupines* on faith. They have not yet been grown here, although those who have seen them abroad are unanimous in their praise, and the English horticultural press has quite gone wild

1

2



over them. The Royal Horticultural Society last June gave them its highest award—the R. H. S. Gold Medal.

The story back of this achievement in plant breeding is an interesting one. George Russell, an unknown working gardener in York, with but a small plot of ground, was sixty years old when, in 1911, he saw some Lupine flowers at a show, fell in love with them, and decided he would try his hand at growing Lupines. Little by little he collected every type he could secure and began a slow, patient course of hybridizing. There was no hurry, for he had no thought of putting them on the market. In fact, when they began to attract attention, he persistently refused to sell so much as a single plant, or a packet of seed. With age forcing his retirement, however, he was persuaded to let his new creation be made available to garden lovers throughout the world.

The descriptions of these Russell Lupines, backed by photographs in color, show giant spikes on robust plants standing shoulder high, and in a most amazing range of colors—oranges, reds, crimsons, yellows, pinks and about every imaginable shade of blue. A small percentage of the plants raised from seed will be dwarf. An effort is being made to “fix” the dwarf types, in the hope that soon a complete range of selected colors, both tall and dwarf, can be offered.

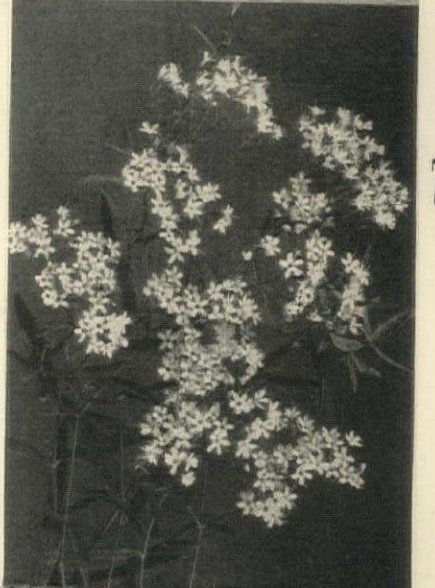
Just what these new wonder Lupines will do in this country remains to be seen. As they are of the Polyphyllus type—although several other species are believed to have contributed to them—they may reasonably be expected to grow well here. If they make a fifty per cent showing com-

pared with what they do in England, they will be extremely satisfactory, and may supply the long-sought substitute for hardy Delphiniums for sections in the United States where the latter do not do well. Undoubtedly English Lupines will do better under American Summer temperatures, in wide zones of our territory, than English Delphiniums have done.

And speaking of Delphiniums, the real sensation in these for this season comes not from England but from California. The Pacific Coast Hybrids have, during the last few years, gained the reputation, both among seedsmen and among Delphinium experts, of being the best strain so far developed for American conditions. This strain will be generally available for all Delphinium lovers for the first time this year, and will be welcomed.

But this is not all. There will be released this spring, for the first time, a new strain, Pacific Whites. Also, there is a new strain to which our American native, *D. cardinale*, has contributed desirable characteristics, including wiry stems, smaller foliage and mildew resistance. This new type will be introduced in a number of “series”, based on color selections. The King Arthur series include shades of rich purple; the Guinevere series, pinkish lavender tones; and the Summer Sky series, in a range of light blues.

Originally announced for release this year, but to be withheld until 1939 because of insufficient stock, is the first genuine pink Delphinium. Having seen so-called “red” and “pink” Delphiniums before, I was very skeptical concerning this one—until I saw it. It is the real thing in color; and with a spike (Continued on page 75)



3

4

5



*Sugar & Spice*



*& Everything Nice*

"SUGAR and spice and everything nice, That's what"—(No! Here's where I fool you). That's not what little girls are made of—That's what little pigs are made of—and I don't mean people either. I mean nice shiny gingerbread pigs. If you have ever stood in front of a gloriously bescrrolled, gold and white booth, at a gay French Fête, listening with both ears to the enchanting tunes of the Merry-go-rounds—going round and round—and watched with both eyes, your name being miraculously traced in pink icing on a nice glossy gingerbread pig, all for yourself; you will doubtless retain a soft spot in your heart for anything fragrant with spices. I am giving you a recipe for these pigs, and for a first cousin of theirs, the Pain d'Épice, one of the many things for which the Cathedral town of Rheims, in France, is famous. I am also including a few more of my favorite spice-using delicacies, hoping you will like them as much as I do.

Unfortunately tins for cutting gingerbread pigs seem to be unprocurable, but that isn't really a handicap. If you will go to your nearest five and ten cent store, and look through a few of the children's books, you will certainly find amongst them plenty of pictures of pigs. Choose one with a simple outline, with all four feet on the ground, measuring about seven and a half inches. Take the book home and make a tracing of the pig—then transfer the pig onto a piece of reasonably heavy cardboard, and with scissors cut carefully around the outline. Lay the pig on your dough and cut around the edge of the cardboard. With the aid of a big palet knife or two, lift the pig carefully onto a well buttered tin. Repeat the process until all the pigs have been cut out. Leave plenty of room between them on the tins as they spread out while baking. Paint them carefully all over with the white of the egg. Bake in moderate oven (350°) for 10 or 15 minutes. If you want them to be even shinier, paint them lightly again after they are baked with beaten egg yolk to which you have added a few drops of vanilla, but wait until the pigs are partially cooled. When all the pigs are baked and cold, the fun begins. Make some Royal Icing, nice and stiff, divide into five parts—leaving one white, and coloring the rest with vegetable color—pink, blue, yellow, and green. Fill five paper cornucopias with these, fold the tops over carefully so that the icing won't ooze out, snip the ends off so as to form very small openings, then start by writing the names of the lucky persons the pigs are for—in the middle of the pigs—using pink or blue. Next outline the pigs, to exaggerate their curves, using the white icing, and give them a tiny dot of an eye. Next put a magnificently fancy green lace collar around their necks and decorate them here and there with forget-me-nots or roses—or stars. They are now ready to be presented and eaten.

The dough is made by heating to boiling point one cup of Brer Rabbit molasses—with  $\frac{1}{2}$  cup of butter. Stir in one

quarter of a cup of milk and cool. Mix and sift together 4 cups of sifted flour, and one and a half teaspoons of baking powder, one half teaspoon of soda, one half teaspoon of salt, one and a half teaspoons of ginger, two teaspoons of cinnamon—and a big pinch of nutmeg.

Add all at once to the molasses mixture and stir well. Place on heavy waxed paper and form it into a rectangular package. Place near freezing compartment to chill thoroughly. Turn out half of the dough at a time onto a lightly floured board, roll out one quarter of an inch thick and proceed according to the directions given above.

#### PAIN D'ÉPICE

Pain d'Épice is a bread made of honey and flour. It is one of the oldest known breads in the world. It followed closely on the heels of the invention of plain bread. It came to Europe from the Orient where it was well liked. The Greeks ate it for dessert and the Romans made offerings of it to the gods. It was not until the end of the Middle Ages and the beginning of the Renaissance that they began adding spices to it. Manufacturers in the Midi of France and at Verdun made Pain d'Épice but they had to take second place with the Pain d'Épice of Rheims. During the reign of Louis XIII and Louis XIV it gradually came to the pinnacle of its glory. History tells us that when Marie Leczinska came to France to meet her King Louis XV and mounted the throne, she was presented, while passing through Chalons, with a dozen wicker-baskets covered with damasks and ornamented with ribbons and lined with blue silks. On these rich materials were embroidered the coats of arms of France and Poland and the initials of the King and Queen. The Queen smiled graciously when she saw them, and what did the baskets contain?

They contained pears—fresh and dried—candied lemon and orange peel, conserved orange blossoms, and "Pain d'Épice" of Rheims.

To make Pain d'Épice—first butter copiously a bread tin that holds at least six cups of liquid. Dissolve in one and a quarter cups of boiling water—one (Continued on page 60)

IN ITS collection of Flower Prints House & Garden includes this study of Lilies by George Dionysus Ehret. Son of a court gardener at Heidelberg, Ehret began as an apprentice in the botanical garden at Karlsruhe. In 1730 he made his first color studies of flowers. These brought him fame, and he painted in Amsterdam, Paris, Montpellier, Lyon and London. In 1750 his "Plantae Selectae" appeared. From this the fine print of Lilies is taken.



*LILIVM* foliis sparsis,  
fundo aureo, limbo auran-

multiflorum, floribus reflexis,  
tuo, punctis nigricantibus,



ANTON BRUEHL, CONDÉ NAST ENGRAVINGS

*Before winter sports—a breakfast setting on rustic Pine, featuring winter greens and calories*

# For a Frosty Morning

PERHAPS you have a cabin in the ski country, or from time to time collect weekend guests for winter sports. Or perhaps you live far from snowy slopes but love to serve those breakfasts that go with frost on the ground and a crisp tang in the air. In any case, if your current entertaining tends to the rustic and hearty, you'll like this table for a breakfast planned to keep pace with the appetites of your most outdoor friends.

For rugged simplicity, a table of plain pine boards is a good beginning. Set it with heavy-textured mats woven of linen and wool, inspired by modern Swedish rugs. Napkins of plain linen match the terra-cotta in the mats.

The table decorations are the sort that come easily to hand—apples and cranberries you will have in the store room, and evergreen branches outside your door. Heap them in deep green pottery squares and pile the cranberries in oak leaf dishes.

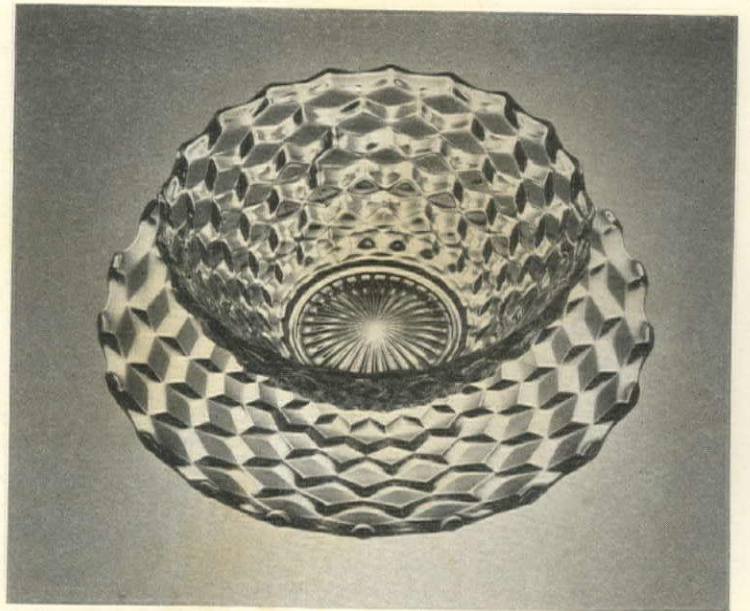
China for breakfast should, of course, be simple, and for a winter table should be warm. You'll find both qualities in these red-banded cereal bowls and plates, in a pattern which James River Potteries, who make it, call "Commonwealth".

International's "Norse" sterling, which is a virile leafy pattern, and comes in both coffee service and flatware, will enliven the general straight-lined effect, and for water tumblers with a sturdy Colonial feeling, Fostoria supplies a design called "American". These glasses you can find at Sterns, and the china, mats, napkins, and pottery at R. H. Macy. The Early American walnut chairs are from Fields & Ford, the bright ski togs, Abercrombie & Fitch.

On this page we show some additional pieces for the table. At top, coffee set in International's sterling "Norse", with plain surfaces and strong curves reminiscent of old Scandinavian craftsmanship. Fostoria's "American" glass is shown here in salad bowl and plate. And below are the cup and saucer, vegetable bowl, and covered dish in "Commonwealth" design.



Coffee set in International's sterling silver "Norse" pattern



"American", Fostoria's crystal design in salad bowl and plate



Banded "Commonwealth" china of James River Potteries

# Men who make our flowers

*The Rev. William Wilks*



To the Rev. William Wilks gardeners everywhere are grateful for the famous Shirley strains of annual Poppies (pictured above) and Foxgloves which he produced. He also built up the Royal Horticultural Society.

**T**HE history of horticulture in England during the last 100 years is so crowded with the clergy that it looks like an ecclesiastical procession.

It begins with the Rev. William Herbert who wrote and illustrated the greatest work in English on the Amaryllis family and was the father of English hybridizing and includes in its ranks such men as the Rev. James Tyso, who specialized on Ranunculus, and the Revs. Joseph Jacobs, S. Eugene Bourne and George Herbert Engleheart, whose hobby was Daffodils. Then would come Canon Henry N. Ellacombe, whose garden at Bitton Rectory was world famous, and the Rev. F. D. Horner, who was a Tulip and Auricula fancier. Here also would be Rev. E. Lascelles who worked to improve Delphiniums, the Rev. Henry Ewbank whose interests were in difficult Iris. The Rose has a whole section of clergymen to itself, headed by the famous Dean S. Reynolds Hole. The Rev. Edward R. Benyon would be there for his interest in zonal Pelargoniums and the Rev. Frank Miles for having made the first herbaceous borders and the Hon. and Rev. Mr. Boscawen for the first modern water garden.

In this churchly parade a prominent place is taken by the Rev. William Wilks.

**W**HEN, in 1879, the Rev. William Wilks was assigned to the curacy of Croyden, his bachelor life was destined to be fully as much occupied with things horticultural

as with his chosen ecclesiastic profession. Shirley Vicarage, with its spacious grounds and quiet country surroundings, was an ideal spot for a garden, and Mr. Wilks had passed almost his entire youth in intimate contact with garden lovers. For the following thirty years, until his retirement, he lived at Shirley Vicarage, dividing his hours between the members of his parish and a garden devoted in the main to the growing of hardy flowers and fruits, but famed most as the home of one of the loveliest of our garden flowers—the Shirley Poppy.

A humble beginning for so distinguished a flower is hard to realize, yet the Shirley Poppy got its start on an old rubbish heap on the vicarage. Mr. Wilks first discovered it as a common, or rather, uncommon, field Poppy, recognizing it, with its frilled white edges and unusual size, as something well worth trying to improve upon. Nine full years of engrossing work followed, until, through patient and extensive crossings and rigid selection from seedlings, the lovely Shirley Poppy was shaped and ready to launch on the gardening world. A tall, extremely graceful flower, from four to five inches across, with quite wrinkled petals frilled at the edges, it introduced a new race of delicate pure colors, with no trace of the black patch so characteristic of the wild plant. The seeds of this new development Mr. Wilks distributed widely and generously, so that now the Shirley Poppy is

grown and loved in gardens throughout the entire world, from the Tropics to within the Arctic Circle.

Another of his specialties was Foxgloves. To the development of these Shirley Foxgloves he devoted almost as many years of patient breeding and selection as he had to the Shirley Poppy.

**W**HEN Mr. Wilks retired in 1912 from active parish duties, he moved next door, and started his famous "Wilderness" garden. This was one of the pioneer retorts, in its extreme informality, to those prevalent fashions of the day—the elaborate lay-outs and expensive designs, so much repeated. Mr. Wilks, taking full advantage of the broad stretches of meadows and a background of unusually fine old trees, made the "Wilderness" garden a veritable embodiment of all its name implies. Here was begun the first idea of naturalizing bulbs in grass, for Wilks had a special fondness for those plants which would form a part of a flowery meadow—Foxgloves, Meconopsis, Daffodils, Iris.

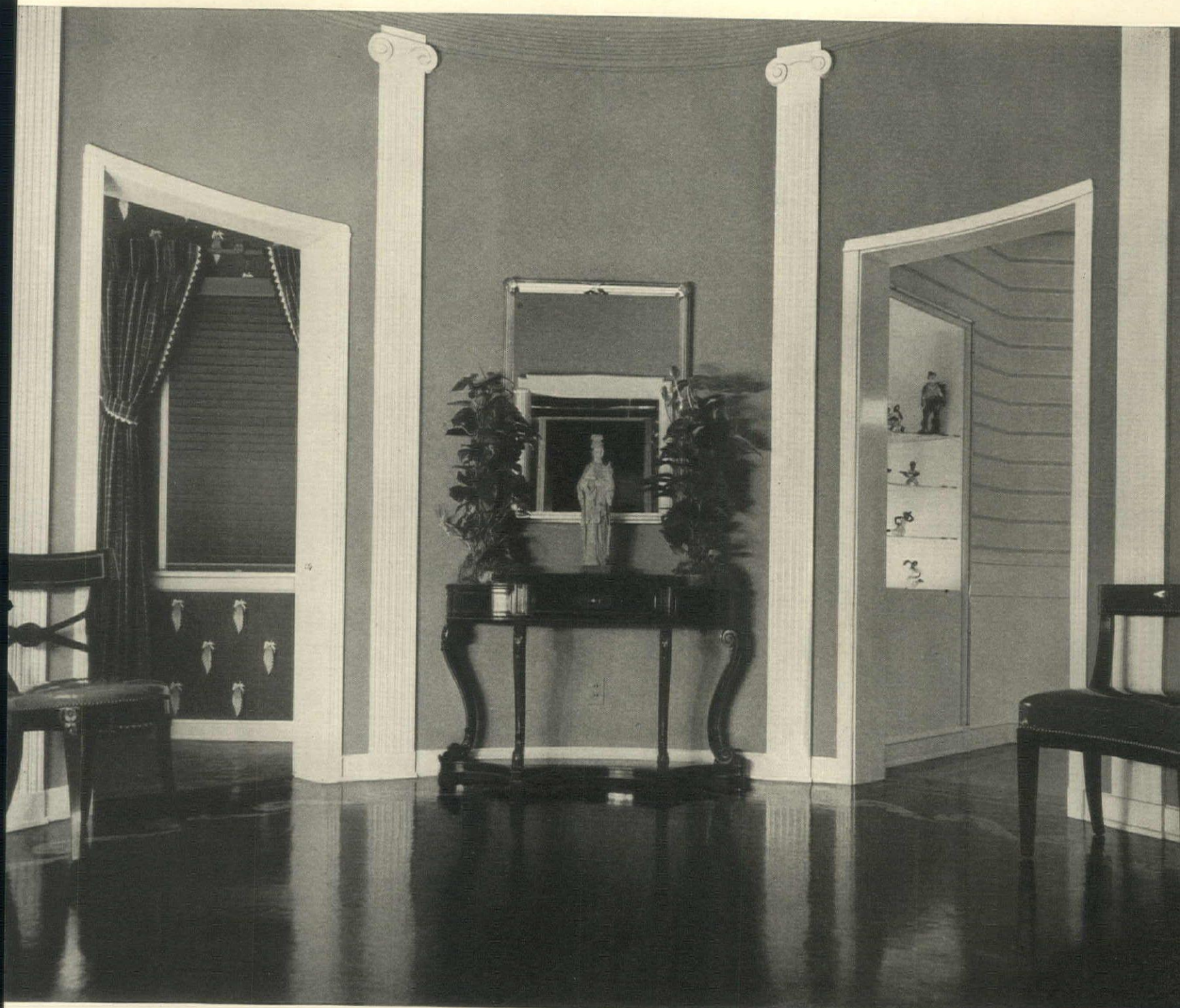
**I**N the Royal Horticultural Society, Mr. Wilks' memory is deeply revered. For the forty years he served as Secretary to that organization, in which capacity he accomplished more than any other one man, either before or since. Coming, as he did, at a time when the society was at a particularly low ebb, Wilks received no recompense for his services until he had disposed of the society's heavy debt.

During his years of service until his retirement in 1920, the Royal Horticultural Society rose from a paltry membership of 1108 to almost 16,000; a new garden was established at Wisley; the Chelsea Show was originated; and the society's journal, in which interest had almost completely died, then became one of the most important of all horticultural papers, justifying to the fullest extent the world's greatest horticultural society.

Doubtless due to Mr. Wilks' influence, many of those gentlemen of the Cloth, mentioned at the beginning of this article, were induced to become practising gardeners. The membership roster of the Royal Horticultural Society fairly bristles with their names.

An impressive record, indeed. Even if none of these extra-parish affairs had not been a part of Rev. Wilks' life, we should still be grateful and long remember him for his gift to every garden, the lovely Shirley Poppy and the Shirley Foxglove.





WHITTINGTON

## DOUBLE FEATURE

*Three pages showing "California House—1938"  
in which Yesterday and Today in decoration  
are attractively presented on the same stage*

IN California it is still more daring to look back than to look forward. We naturally expect a project like "California House—1938" to herald the future of new materials, new mechanical marvels and undreamed of luxuries. And of course it does. But blending these products of our own age with traditional forms and motifs is what really makes the headlines. Barker Bros., of Los Angeles, Cal., who are responsible for this exhibit, set the pace for the entire display with the entrance hall above combining classic detail and modern background.

# California House

"CALIFORNIA HOUSE—1933" focuses the West Coast's flair for luxury with practical comfort. It follows no period slavishly, but adapts various styles for individual rooms—the living room from 18th Century, the foyer Empire, a boy's room Modern.

No mechanical wonder, no modern product, or new material that makes for comfort or dramatic effect has been overlooked. The house is air-conditioned for winter and summer, the kitchen completely electrified, the bathrooms models of contemporary luxury.

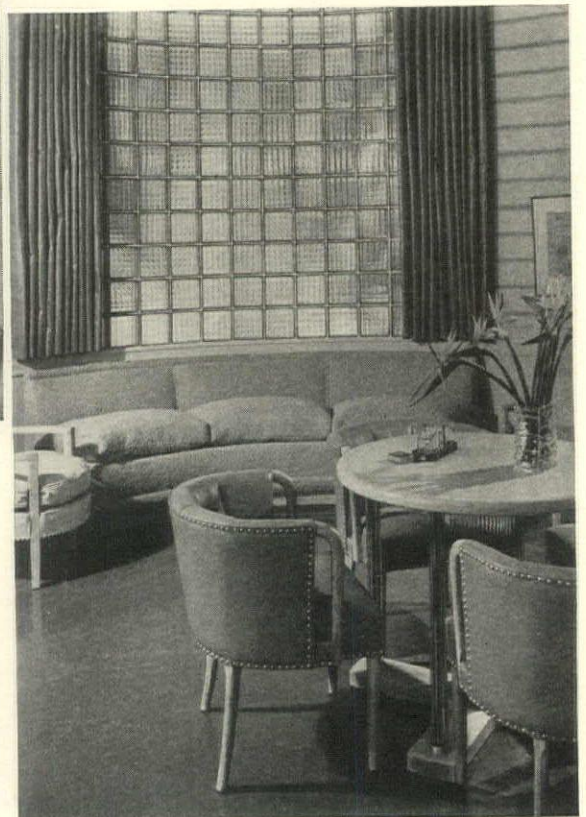
But this we have come to look for in any really useful model display. How these new threads of modern science may be woven into traditional rooms with pleasing effect is something which has only just begun to engage the attention of the general public. To show what can be done with glass, lighting, rubber flooring, with the infinite variety of man-made fibres—all the many materials called modern—brings these developments into the realm of practicality. For other photographs and list of manufacturers see page 64.



PHOTOGRAPHS COURTESY OF BARKER BROS.

Despite the master bedroom's dependence for its inspiration on the past glories of the court of the Louis', it draws its own character from its billowing profusion of modern, softly draped, yellow fabrics.

RIGHT. What can be done with new materials is shown in the game room, where glass bricks filter light into the circular room and beige walls set off the coral leather chairs and the smooth rubber flooring.





An Eighteenth Century English theme for the living room gives basic dignity, made modern and fresh by subtle use of soft colors and indirect lighting, large mirrored wall spaces, and mirror cornices.



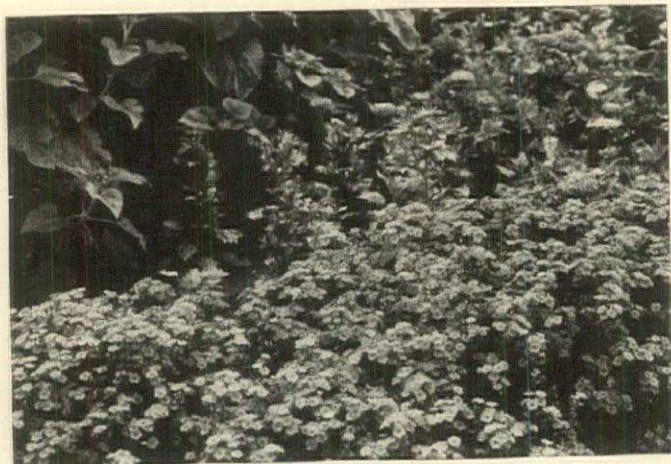
Bright as a California day, this informal morning room is gay with pink, red and white wallpaper. The furniture is very delicate white iron, the floor black rubber inlaid with circular center design and border.



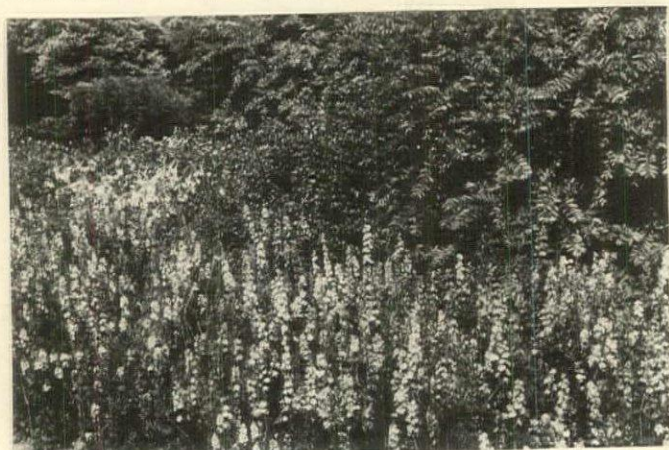
LEFT. The powder room suggests the Directoire. The turquoise wallpaper glistens with a fern leaf pattern worked out in glass droplets; the Ninon curtains are crystal fringed, the cornice mirrored.

# PLANNING THE

Advice by T. H. Everett



Phlox drummondii massed along the front



Larkspur, annual cousin of the Delphinium



Snapdragons faced down by low growing Zinnias

WELL planned annual borders are the most colorful and lasting of summer floral displays. From early July until the advent of killing frosts they are gay with a brilliant succession of blooms representing numerous varieties blended together to form a harmonious and satisfying whole. Many gardeners fail to appreciate that such satisfactory effects can be obtained readily by the use of annuals alone.

Certainly well grown annuals are too seldom seen in the gardens of the amateur. All too often they are regarded as Cinderellas to be planted wherever a square foot or so of bare space occurs in the perennial border. Under such conditions they have to battle continuously with strong-rooted and established perennial plants for light, water and food. Can it be wondered at that they become weak, spindly and sparse of bloom, or that they sometimes give up the struggle entirely?

To grow good annuals the plants should be set in beds or borders devoted to their culture alone. Given this prerequisite, a little planning and a minimum of care and expense, magnificent displays can be had all summer long. The planning includes a judicious selection of varieties as well as their arrangement to produce a pleasing effect. This latter is largely a matter of individual taste, but the selection of varieties will depend largely upon the geographical location of one's garden, for climate is often the deciding factor in this matter.

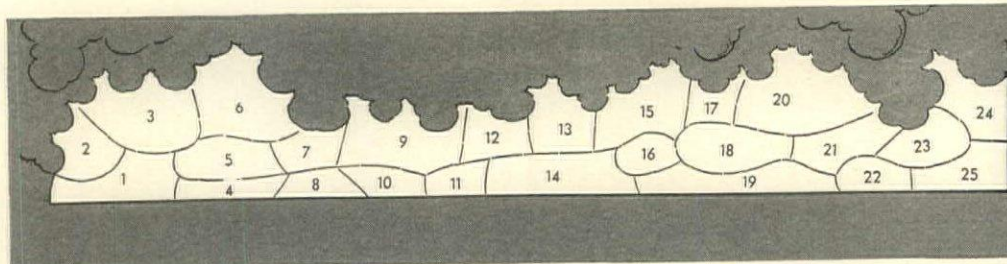
Throughout this article we are considering annuals grown in the vicinity of New York City. Appropriate allowances must be made when planning for other sections of the country. The term annual is liberally interpreted in the gardener's sense to include many plants such as Verbenas, Heliotropes, Petunias and the like which are technically tender perennials.

As a class annuals are sun-lovers. They should be afford-

1. *Verbena, white*
2. *Salvia splendens*
3. *Dahlia Countess of Lonsdale*
4. *Phlox drummondii Isabellina*
5. *Vinca rosea alba*
6. *Sunflower, Stella hybrids*
7. *Salvia farinacea*
8. *Zinnia Lilliput, Salmon Rose*
9. *Scabiosa Peach Blossom*
10. *Verbena, scarlet*
11. *Sweet Alyssum*
12. *Nicotiana affinis*
13. *Cleome gigantea*
14. *Hunnemannia fumariaefolia*

15. *Marigold Lemon Queen*
16. *Ageratum Swanley Blue*
17. *Scabiosa, flesh colored*
18. *Zinnia Mission White*
19. *Petunia Superb Violet*
20. *Standard Lantana and Tall Ageratum*

21. *Antirrhinum Tall Yellow and Gladiolus Pale Pink*
22. *Dianthus Heddeewigi Black Prince*
23. *Scabiosa Black Prince and Azure Fairy*
24. *Zinnias mixed*
25. *Tagetes signata pumilla*



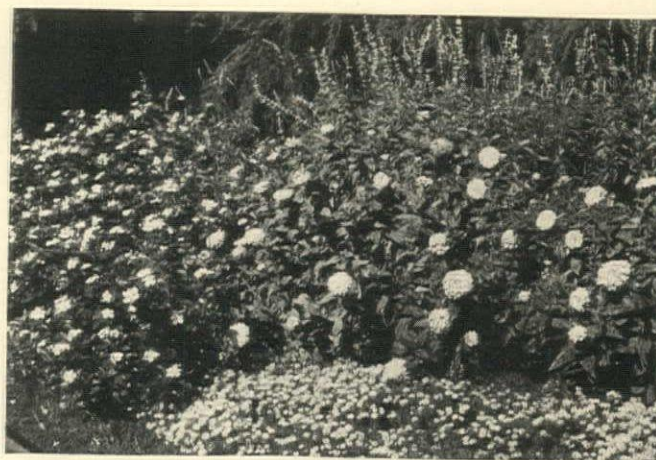
# ANNUAL BORDER

ed an open situation sheltered from strong winds. Good drainage is essential and the soil at planting time should be porous, friable and in good heart.

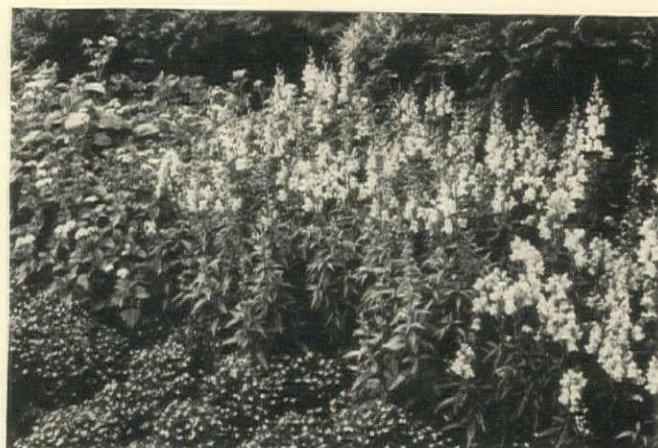
Preparation of the ground will usually consist of digging to the full depth of the spade and the incorporation therewith of a moderate amount of complete fertilizer and some humus-forming material. I like to attend to the digging in the Fall so that the full benefits of the Winter frosts are obtained, but the application of the fertilizer is delayed until Spring and usually receives attention immediately prior to planting. Land which is repeatedly cropped with annuals should be limed every third or fourth year.

In practice we may divide our annuals into two distinct groups: those which are cared for in their early stages in the greenhouse or window garden, and those which are sown directly out-of-doors where they are to grow. Abundant experience has proven that many kinds usually treated with the former group do much better when handled in the more direct manner (Zinnias and *Phlox drummondii*, for example), while others (as *Hunnemannia* and Sunflowers) will thrive equally well under either method of cultivation. Some (as Snapdragons and Verbenas) must be raised inside and it is obvious that these can be given more attention and space if as many kinds as possible are sown directly out-of-doors. With proper selection it is quite possible to have a fine annual border consisting entirely of plants sown *in situ*, but a more comprehensive collection results if both methods are followed. A few plants (*Heliotropes* and *Lantanas*) are better raised from cuttings than seeds.

The first step in the creation of a garden of annuals is the preparation of a scale plan. Let this reflect your best judgment based on your experience and reading, and set your plants accordingly, but do not expect a perfect result. This is never attained the first year. It is necessary to take notes through the Summer and upon these to base a revised plan for the following season's use. Plant in bold masses. It is surprising how much (Continued on page 62)



Vincas, Zinnias and Sweet Alyssum in good masses



Snapdragons with a front planting of Lobelia

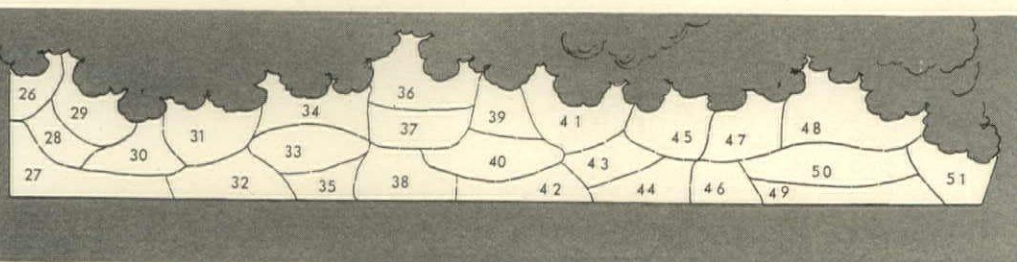


Foreground, *Hunnemannia*; behind, *Ageratum* and *Zinnias*

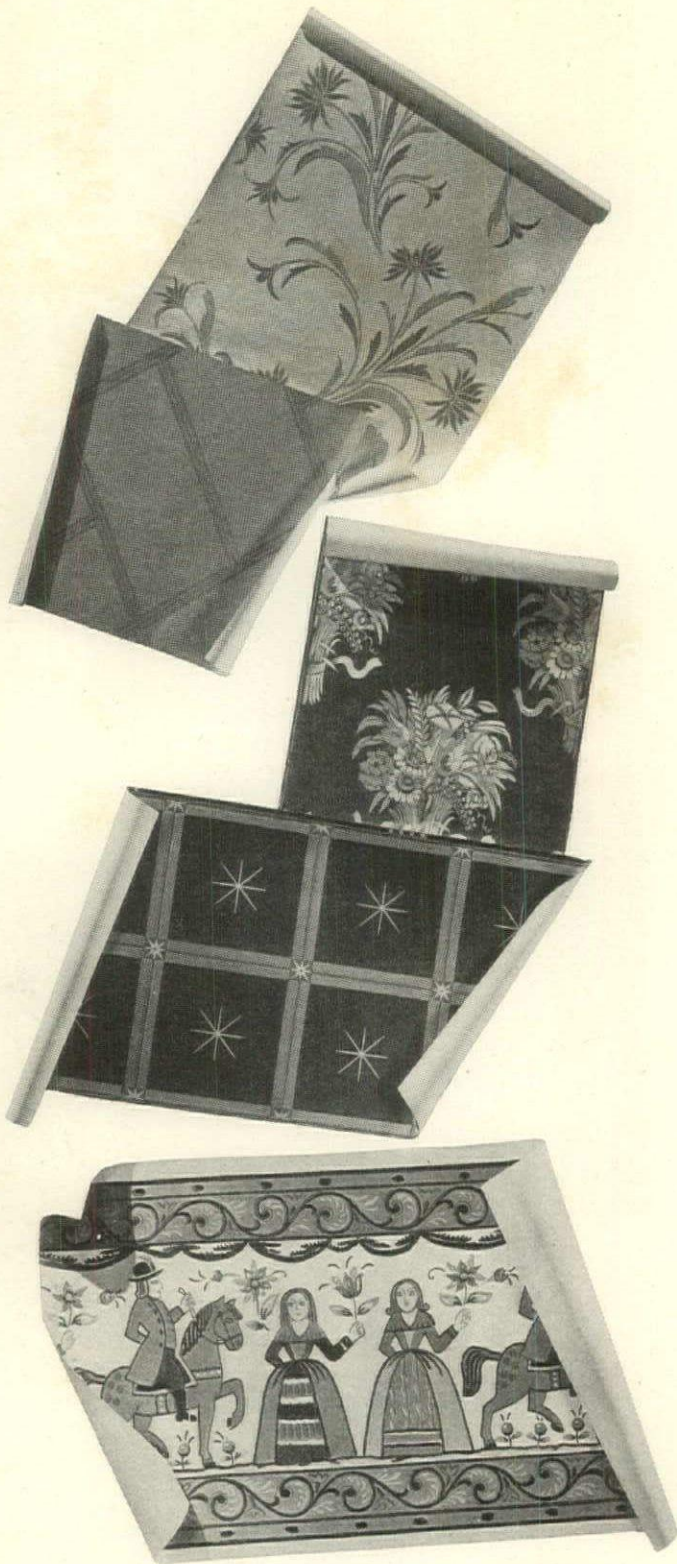
- 26. *Vinca rosea alba*
- 27. *Sweet Alyssum*
- 28. *Zinnia Daffodil*
- 29. *Salvia farinacea*
- 30. *Browallia americana*
- 31. *Argemone platyceras rosea*
- 32. *Petunia Giant Pink Glory*

- 33. *Nierembergia frutescens*
- 34. *Cosmos, early white*
- 35. *Torenia fournieri*
- 36. *Blue Morning Glory*
- 37. *Marigold Guinea Gold*
- 38. *Lantana, yellow*
- 39. *Sunflower, Stella*

- 40. *Scabiosa Peach Blossom and Black Prince*
- 41. *Dahlia Snowdrift*
- 42. *Ageratum houstonianum Fraseri*
- 43. *Antirrhinum Rich Apricot and Gladiolus Yellow*
- 44. *Petunia White Beauty*
- 45. *Sunflower Primrose Stella*
- 46. *Eschscholtzia California Giant*
- 47. *Nicotiana Crimson King*
- 48. *Sunflower, Double*
- 49. *Sweet Alyssum*
- 50. *Heliotrope Royal Fragrance*
- 51. *Salvia splendens Pride of Zurich*



# SWEDISH MODERN



ABOVE: highlights of a new trend: wallpapers inspired by Swedish motifs by Sigfrid K. Lonegren worked out in both formal and informal patterns—also charming peasant themes

RIGHT: the upholstered furniture from Michigan Seating Company; round table and other all-wood pieces, from Widdicomb. These, and fabrics at Marshall Field's, and Lord & Taylor



*Sweden contributes something old and something new to give a fresh version of the modern theme—combining classic restraint and provincial gaiety*

YOU will hear a great deal this spring about Swedish Modern. For every designer who went to the Paris Exposition, or to Sweden last season with a weather eye out for new influences, came back bursting with inspiration and enthusiasm for the things Sweden was doing with the modern theme. And they immediately set about adapting trans-Atlantic ideas for our American homes.

Among the first to herald the possibilities of the new motifs were Mr. John Murphy and Mr. John McKinlay, Jr. of Marshall Field in Chicago. When they returned from Europe they transmitted their own excitement to those back home, and persuaded several alert American manufacturers of furniture and of textiles to develop the fresh, charming motifs of Sweden.

The modern trend has many ramifications and phases. Every country has its interpretation, and each borrows the interpretation of the other. It was called the International Style long before anyone realized how thoroughly international it was, or with what ease it crossed frontiers and oceans.

Every time the modern impulse travels it takes on new and exciting features. It takes on the coloration and flavor of the country, too. So you will find that this thing called Swedish Modern will become fundamentally American.

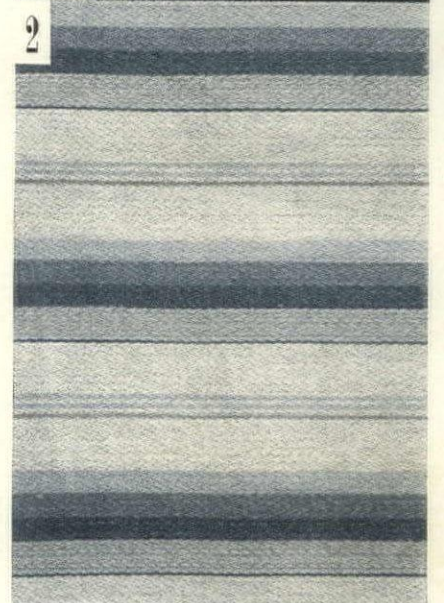
The problem of retaining the charming features and original lines of the Swedish models, while adapting them to our type of houses and our way of living has been ingeniously solved. The necessity for producing hand-woven effects by machinery has been met. The result is both Swedish and American—and of course modern.

On this page we have photographed some of the fore-runners and pace-setters in this trend, which will demonstrate some of the typical features of the style. Basically, you will notice that the furniture follows the classic lines of the 18th and early 19th Centuries, but it is stripped of ornament, simplified, and gives the sleek effect we have come to look for in modern. The finish is in most cases light, natural wood. The fabrics are based on hand-woven motifs, while the designs are usually the plaids, checks and simplified florals common to all provincial styles. The colors for the most part are clear and soft.

The bedroom group on the opposite page is part of Marshall Field's newly decorated house, in Chicago.

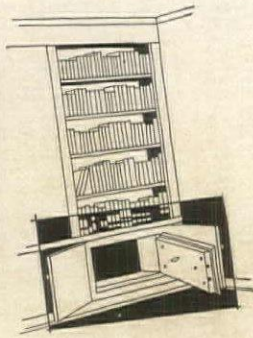


- 1 Textured fabric printed in blue monotone, used with Widdicomb's light wood furniture: Marshall Field
- 2 Bentwood chair from Widdicomb in natural finish covered with heavy striped fabric: Marshall Field
- 3 Handwoven chaise covering copied from an old Swedish fabric: Michigan Seating from Lord & Taylor

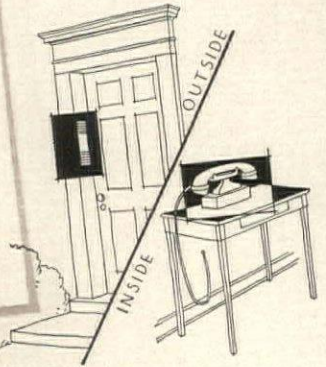


# NEW PRODUCTS

## Concealed Wall Safe

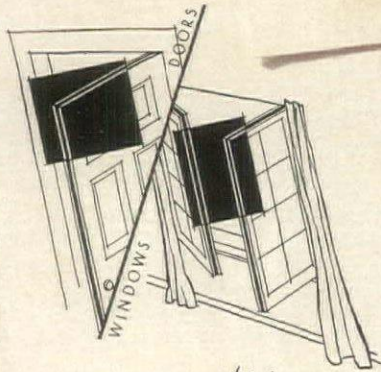


\$25 plus installation. If your house has never been burgled or burned, maybe this is just the time to invest in one of these wall safes. The smallest size is 8x12 inches on the vertical surface, by 5 inches deep, and so can be concealed in the outside wall. It has double walls of 16-gauge steel, electrically welded, with asbestos insulation between. The four-tumbler lock is level with the face of the door. (Dudley Lock Corp.)



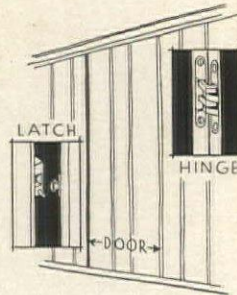
## Dictograph

\$85, \$100 and \$125 plus installation. This system protects you against the entry of unwanted bell-ringers, and as a private phone system within the house. A caller ringing front or rear doorbell caused the handsets in the house to ring. Your voice comes out at the loud-speaker at the door in a disguised tone. (Dictograph Products Co.)



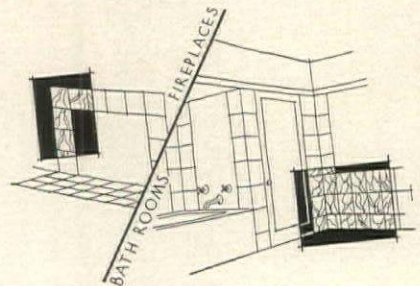
## Weatherstrips

\$.20 to \$.30 per lineal foot, plus installation. There have been all manner of weatherstrips, but here is one partly metal, partly rubber, capable of performing old and new jobs around the house. It is a buffer against wind, rain and noise, one which will give with the swelling of doors. (Pi-R Seals; G.W. Gail)



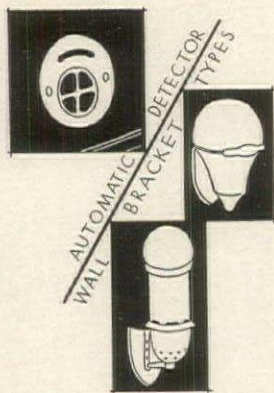
## Invisible

Hinges: \$1 per pair for small doors; \$4.40 for large doors. Secret latches: \$1.50 and \$2 apiece. Two of the most ingenious devices a house can boast, and indispensable where you want to conceal a door. Where vertical pine boards are used, as in the drawing, the presence of the door will completely escape notice. Hinges: Soss Mfg. Co. Latches: Glynn-Johnson Corp.



## Marble Tile

\$.60 to \$1.04 per sq. ft. f.o.b. Vermont, plus installation (about same as faence tile). Twenty varieties of actual marble are now being cut into three standard sizes: 9x9, 12x12 and 6x12 inches. Other sizes cost 10% more in lots of 100 or more if the dimensions are in even inches. To obtain full benefit of the veining it is recommended that sizes be not less than 6x6 inches. (Vermont Marble Co.)



## Fire Extinguisher & Alarm

Extinguishers: \$3.50 to \$6. Alarm system: \$100 to \$115 including installation for 12 stations. Carbon tetrachloride, sealed in glass containers located on the wall or ceiling, have a fusible link which melts upon a sudden rise in temperature. The glass container drops to the floor, and spills the fluid. The latter vaporizes and smothers the fire. Internatl. Fire Equipment Corp.

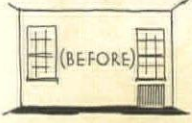


# QUESTIONS & ANSWERS

## Oyster-Shell Scale

**Question:** The twigs and smooth branches of my large Apple tree, and some of my Lilacs as well, are covered here and there with odd looking grayish shells, maybe  $\frac{1}{8}$ " to  $\frac{1}{4}$ " long and quite slender. Most of them are slightly curved, but a few are practically straight. I've never seen them before. Are they harmful?

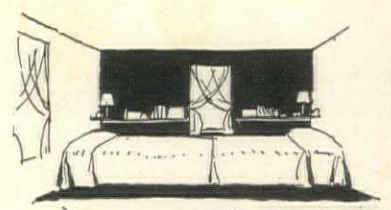
**Answer:** This sounds very much like oyster-shell scale, a minute insect which works on the bark and seriously injures the plant if present in large numbers. The scale-like shells are made by the adult insects and the eggs laid beneath them. In Spring or early Summer these eggs hatch. Oyster-shell scale should be sprayed any time between now and late February with a lime-sulphur.



## Library-Guest Room

**Question:** We have a room we would like to turn into a combination library-guest room. The two windows, however, are practically in the corners along the narrow end, and there is a radiator under one of them. The wall space along the long walls will be needed for a convertible day-bed and other furniture. The window locations and the single radiator have me puzzled.

**Answer:** Build bookshelves as indicated, and on a vertical line with their front faces build an unbroken "frieze" and cornice above them and the windows. This will be the equivalent of putting the windows in recesses, and thus the radiator can be hidden by a louvered screen. Under the other window will be a hinged cupboard door.



## Children's Beds into Adult Beds

**Question:** The bedroom of my two young daughters is 14x12, with a hall door in the corner along one of the long sides. The present beds now are only 5' long, both being placed against one of the short walls and adjacent the door. I want to get adult beds for them, but twin beds will fill the present floor space.

**Answer:** Adult beds placed end-to-end would be a little over 13 feet, so you could locate both beds along the wall opposite the door. This would leave a maximum of floor space for play. Assuming you are willing to have beds without footboards they would look like a continuous couch along one wall.

## Glass Bulb Container

**Question:** My bulbs of Hyacinth and Narcissus, growing in water in the house, send up long stems but don't seem to have strength enough to open their flowers properly. What, do you suppose, is the cause of this?

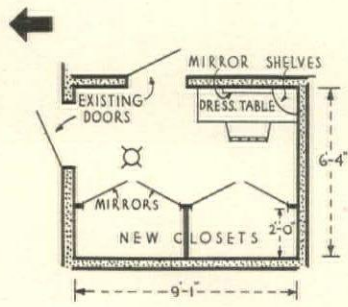
**Answer:** Assuming merely that the bulbs are of first-class quality, the trouble may be due to lack of root development. Bulbs grown in this way should be kept in a dark, fairly cool place until they have long roots. Then bring them into warmth and light, which will cause the top growth to develop. You can get a very satisfactory glass bulb container as sketched here.



## Storage Space into Dressing Room

**Question:** Enclosed is a diagram of a storage room in a house we have just purchased. It is so located in relation to a bath and bedroom that it will do admirably as a dressing room. But because of the location of the doors, and its size, we do not know how to make the best use of it.

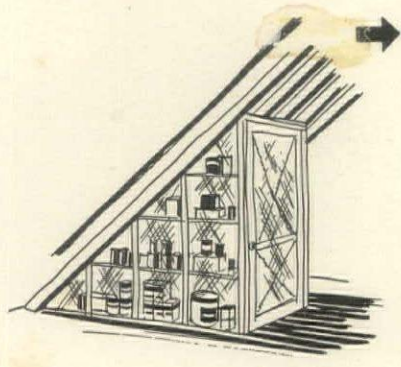
**Answer:** The greatest efficiency can be obtained by placing closets 2' deep along the unbroken wall, with mirrors on the inside of the two doors as shown. A ceiling light will furnish general illumination, as well as that for the mirrors. Put a dressing table and chair in the corner.



## Food Storage Closet

**Question:** At our cottage we have the problem of keeping food supplies from mice, rats, squirrels. Several months ago we noticed you suggested lining cupboards with sheet metal, but we do not care to go to this expense. We would like to use "attic" space above the kitchen.

**Answer:** Recently we saw the very answer to your problem. The closet space for food supplies was completely enclosed with ordinary window screen mesh—floor area, sides, ceiling and door. This was very inexpensive. You could build shelves and use the space under the eaves as we have indicated.





Flaming Fire, a rich wall-flower red

WALTER B. WILDER



The odorless Crown of Gold



Fire Cross



Guinea Gold



Gold Supreme

# Merry Marigolds

By Louise Beebe Wilder

THE glowing flowers that grow in all our gardens as Marigolds, or Tagetes, need no introduction. They are seen everywhere, the world over. Yet one who sets out to follow them back through the ages finds himself in something of a maze. They are by no means new, having been known and grown for centuries, but the casual writers on horticulture of early times were hopelessly confused as to names and nativity.

Marigold—or, as it was first known, Mary's Gold—was a name bestowed upon many a flower in honor of the Virgin Mary, especially upon those of a golden color. Among those that had the name were Pot Marigold (*Calendula officinalis*), Bur Marigold, a kind of Bidens, Cape Marigold (*Dimorphotheca annua*), Corn Marigold (*Chrysanthemum segetum*), and numerous others. All these wear the golden color but what are we to think when we find mention in *The Garden Book* of Sir Thomas Hamner, 1659, of the Italian or "Blew" Marigold, and in the quaint old work compiled almost a hundred years earlier by John Maplet, called *The Green Forest*, we read the following:

"The Marigolde of Manardus is called Lysimachia. Ruellius calleth it Woodwaren, it groweth in Meadows and Pastures like to Brome, so bitter that no beast liuing will eate thereof. Other will haue it called Lostriffe or Herbe Willow. It beareth a red flower." Clearly we have lost our way, for no self-respecting Marigold bears a "blew" flower nor yet a red one, and we feel sure we recognize in this red flower the well known Loosestrife that is as unlike as possible to any Marigold, not only in color but in form and habit.

Gerard said of Marigolds, "They grew everywhere almost in Africk of themselves whence we first had them and that was when Charles the fifth, Emperor of Rome, made a famous conquest of Tunis; whereupon it was called Flos Africanus." This is probably the origin of the name that persists to-day—African Marigold.

Writing many years after Gerard, Mrs. Loudon, in the *Ladies' Flower Garden of Ornamental Annuals*, repeats the story about the Emperor Charles but she adds that the striped Marigold is mentioned by Hernandez as a native of Mexico. And Curtis in an early number of the *Botanical Magazine* says, "some authors make it a native of Africa, others of America."

Thus the truth was beginning to sift through all the confusion. To-day we know that both French and African Marigolds, indeed all Marigolds that have the generic

name Tagetes, come from Mexico or some adjacent part of America. Fuchs in the first edition of his *History of Plants*, published in 1542, gave them the name of Gyroflée d'Indra and described them as a kind of Indian Wormwood. There we have the characteristic odor mentioned and the "flowers," said he, "are at the extremity of the shoots, as yellow as Saffron, and for beauty inferior to none." He also states that these flowers were brought to France from Germany, and so we get a hint of how the name French Marigold may have come into being.

The early writers are hardly to be blamed for the muddle about names and places of origin when we consider that it was a time when sea captains and travelers of all ranks and conditions were bringing into every port and distributing to all and sundry both seeds and roots of unknown plants from far places and furnishing only the most casual information, if any at all, as to their native lands. It is not surprising that the strong color and rank scent of the plants we now know as Marigolds should have suggested Africa to those who received them.

The names French and African have persisted for two types of Marigold, the types most used. They both came into cultivation in England at nearly the same date—the French in 1573, the African in 1596. The generic name Tagetes had been bestowed upon them and this is thought to derive from the name of an Etruscan god Tages. The French Marigold became *Tagetes patula*; the African, *Tagetes erecta*.

These are the types most grown to-day and whatever their original differences their present ones are very marked. The French Marigold is a small flower borne on a plant not more than two feet or a little more high. The Africans are large and massive of flower and the plants grow tall and lusty.

These rich-hued and easily grown flowers became immediately popular under whatever name and they have remained so ever since. They are hardy annuals and members of the vast order Compositae.

For many years while grown in all gardens because of their warm color they were deemed somewhat coarse and plebeian, and few new varieties appeared. In the old African type, the flowers were orange or lemon-yellow in color and looked somewhat like sponges. Among the French Marigolds were single and double forms, and many were striped yellow and brown.

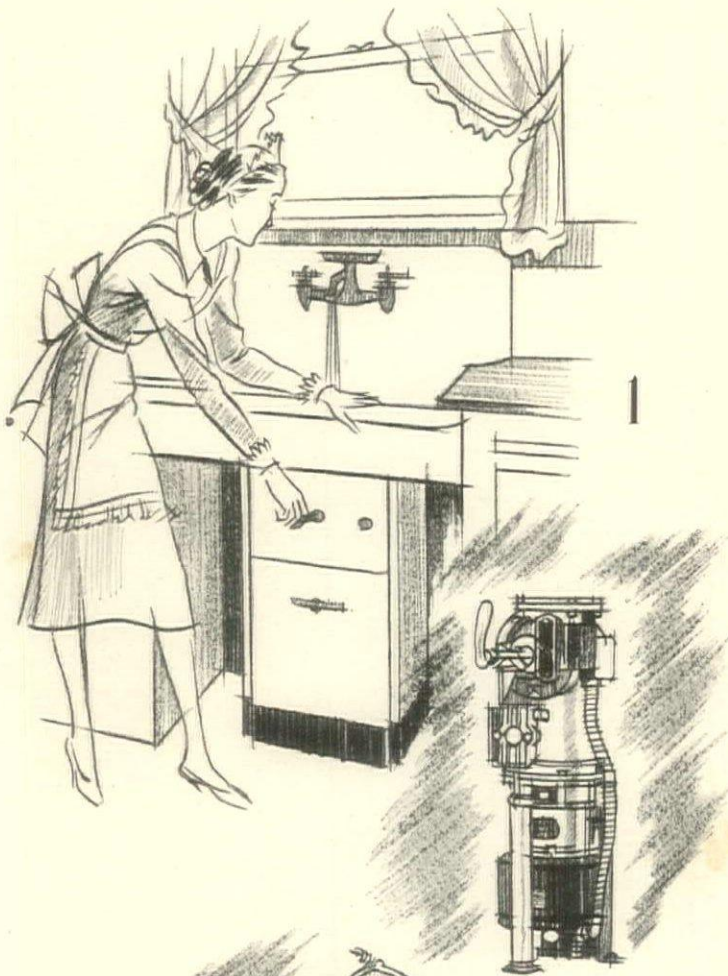
But of late these flowers have been taken in hand by an in- (Continued on page 81)



Robert Berst is a red-brown

# GOOD RIDDANCE

*New equipment and accessories to provide a quick and painless solution to that old problem—garbage disposal*

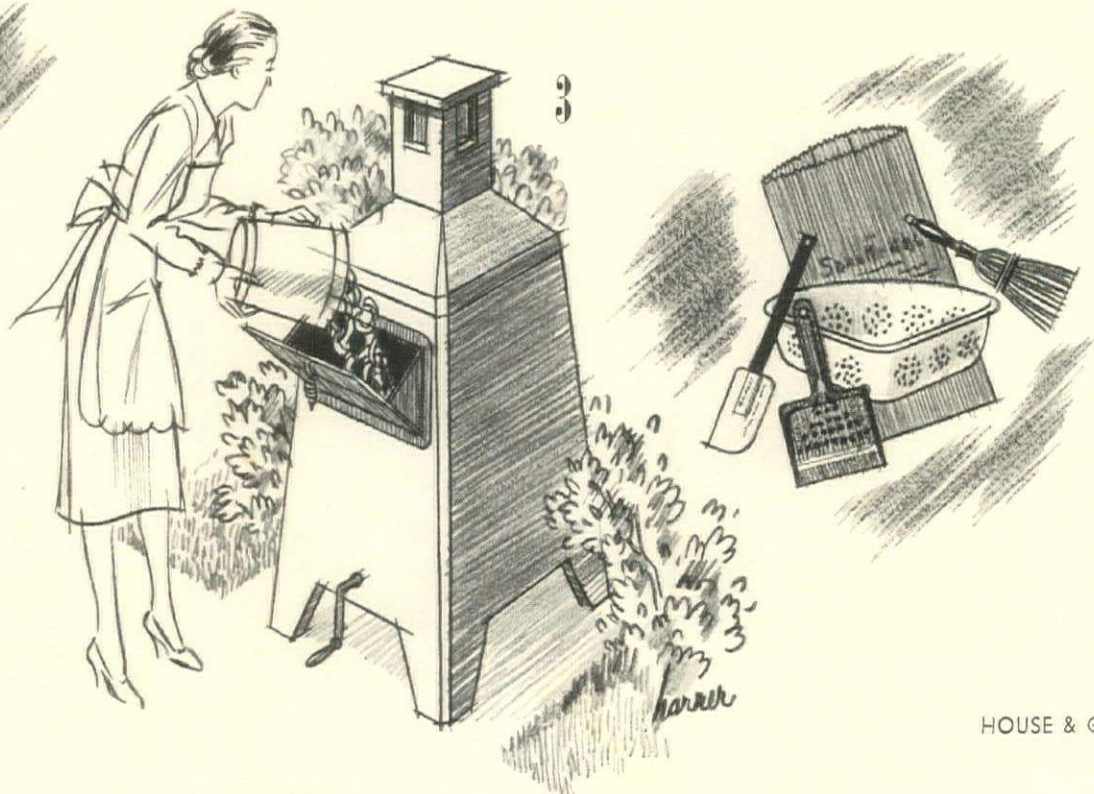
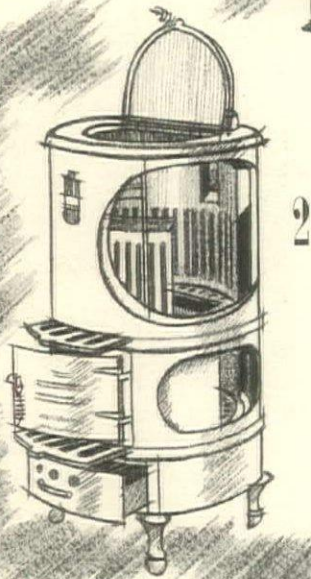


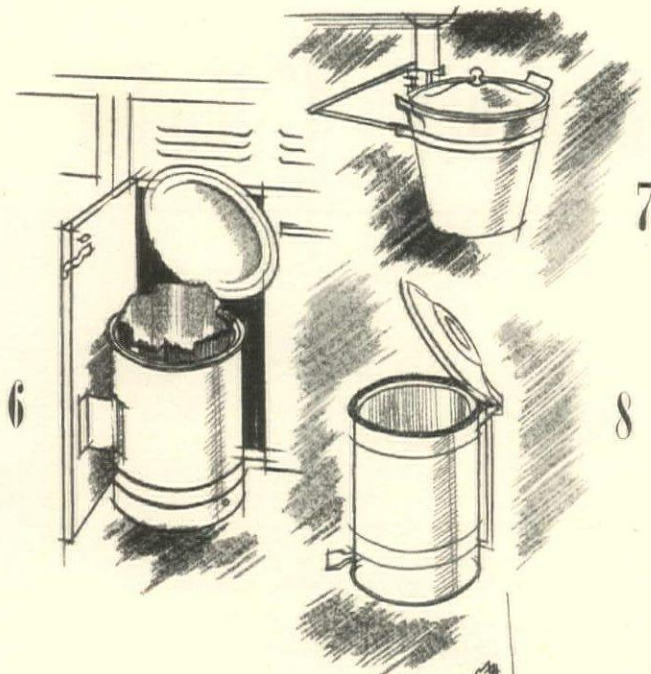
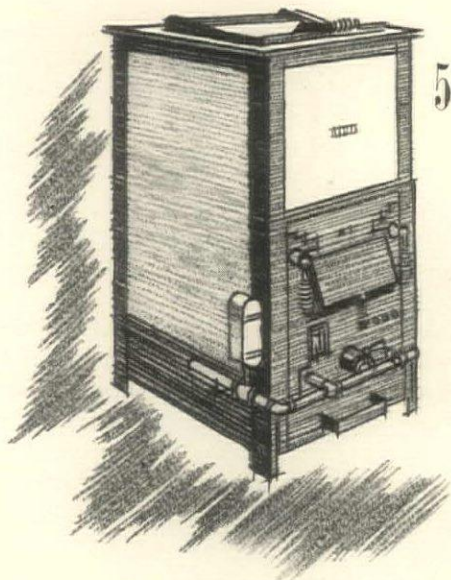
THERE are so many good ways to dispose of garbage quickly and easily that there is small reason for maintaining a grin-and-bear-it attitude on the subject. The modern equipment includes models which can be installed without trouble in old houses as well as those which should certainly be built into new houses, units especially adapted for country houses, systems which use electric power, gas or other fuels, and a number of small gadgets shrewdly designed to take the curse off handling garbage in the kitchen.

Probably the most spectacular piece of new equipment is the electric "kitchen waste unit," commonly known as the "garbage grinder," because that is exactly what it does. This unit is installed underneath the kitchen sink. The garbage is emptied into the unit through an enlarged drain opening made in the sink, and after being ground into a fine pulp, it flows like dishwater out through the house plumbing. Naturally such a device makes the mind reel and protest that surely it will shake the house with noise and vibration and clog up the plumbing, that it can't possibly grind up bones and its presence in the kitchen will be a menace to life and limb. However, such is not the case because the engineers have done it again, turning out an appliance that will do what is seemingly impossible, and do it well.

The waste unit is mounted on rubber, top and bottom, to minimize vibration and it is quieter in operation than the ordinary vacuum cleaner. The operating time, which experience has shown is generally about one minute a day for each person in the family, usually coincides with the cleaning up after a meal and the slight noise is hardly noticeable. With average use in a family of five the unit takes less current than a good electric clock.

As for grinding up bones, it will dispose of chop bones, fruit stones and such-like with the greatest of ease, but the usual practice is to save out any large bones from soup or roasts and throw them in

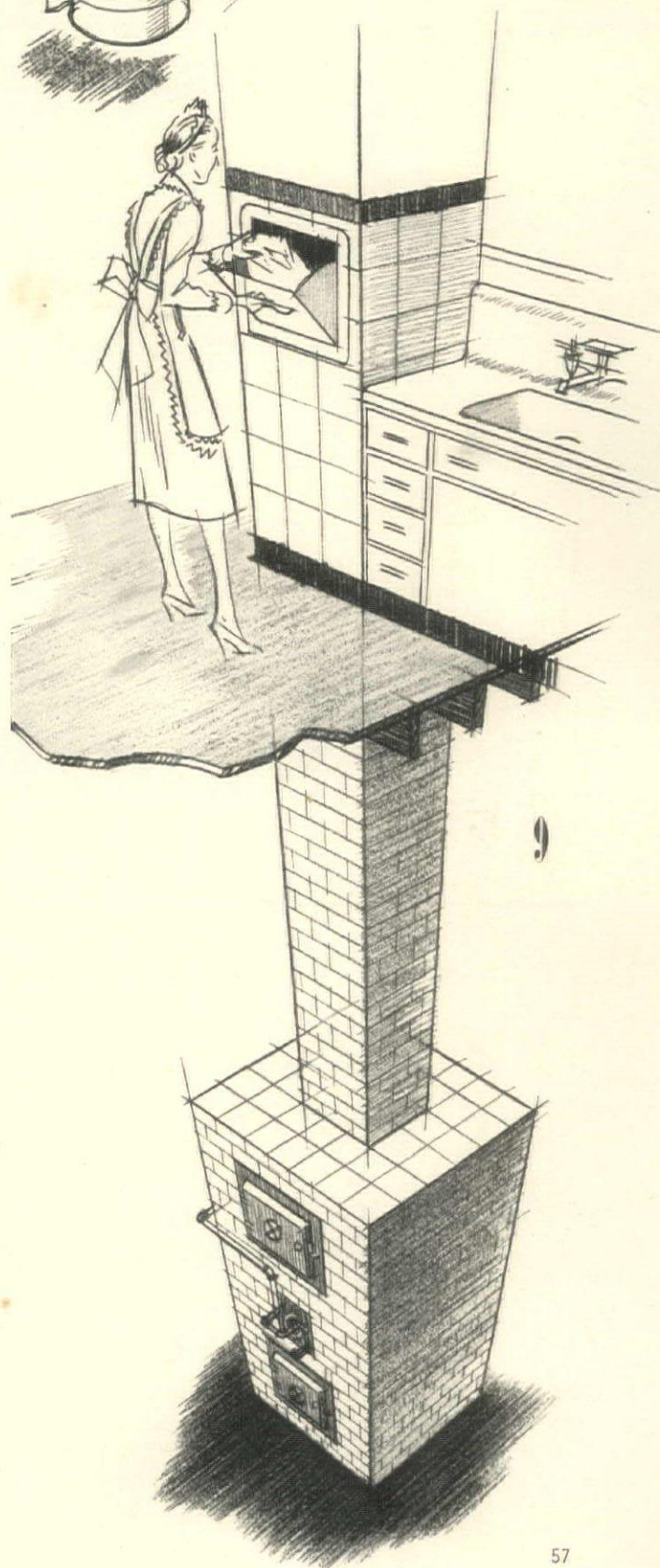




with the rubbish. The waste unit will take them if you want to prove something but it takes extra time and current to do it. Tin cans and bottle caps are taboo because it is generally against the law to put them in the sewage system. Clogging the plumbing or sewer line is virtually impossible with an adequate system because the pulpy waste actually scours the inside of the drain line and it flows through the sewage system the same as ordinary sewage. There is no danger of injury to the operator because the grinder is well below the sink and when the handle is turned to the running position, the sink opening is closed.

The use of this type of waste unit in country houses with septic tank installations will naturally increase the amount of solids being settled in the tank so that it will have to be cleaned oftener or the size of the tank increased. From careful tests that have been made there seems to be little doubt that these waste units will operate successfully and without damage to a well-planned septic tank system.

For those who prefer the time-honored incineration method there are several good models to choose from. A built-in-the-chimney incinerator is a wise choice for the new house. Since these include a brick chamber built at the base of the chimney and a separate straight flue they should be included in the house plans. A special receiving hopper can be built into the flue at the kitchen level so that there will be no need to run down cellar with the garbage. These hoppers are self closing and carefully designed to prevent smoke coming out into the kitchen while the incinerator is working. The gas burner in this type of incinerator can be used to speed it up when the garbage is unusually soggy, full of melon or grapefruit rinds, but ordinarily it works without using the gas. There are two sizes for large or small houses and either model will do away (Continued on page 63)



### Solving a difficult problem

1. An electric disposal system attached to the kitchen sink and drain; kitchen waste unit; General Electric Co.
2. Portable incinerator, wood or coal burning; The Majestic Co.
3. Outdoor incinerator; "Burn-All" Incinerator Corp.
4. Strainer, scraper, sink-shovel and waxed bags; Hammacher Schlemmer
5. Portable gas-burning incinerator; The Kernerator Co.
6. Garbage can on sink-cabinet door; Crane Co.
7. Small container on extension arm; R. H. Macy & Co.
8. Latest style in step-on cans; R. H. Macy & Co.
9. Built-in-the-chimney incinerator with receiving hopper conveniently located in kitchen; Pittsburgh Incinerator Co.

# The Gardener's Calendar

And worthwhile suggestions for the month of February

**Flowers** Garden flower selections for the coming season should by all means include some of the new and improved varieties which are being offered by various seed and plant concerns. As a practical guide to choices, we suggest Mr. Rockwell's articles in this and last month's House & Garden. . . . Better examine the hardy seed sowings in the coldframe now. If there is no frost in them they may need watering.

One of the indoor dangers to Gardenias, Azaleas and various other flowering plants during the winter is too much dry heat. They will last longer and better if kept in a fairly cool and moist atmosphere. . . . Cutting down on the cost of garden labels generally proves an annoying and false economy in the end. Cheap labels do not last and are easily dislodged and lost, so when you buy, buy good ones. . . . When you sow early seeds indoors, water the containers well a few hours before planting and, after sowing, cover them with panes of glass to check surface evaporation.

**Trees** Tree care at this season is limited chiefly to pruning and perhaps spraying, but you will do well to search for and note for future attention any indications of decay in trunks or limbs which the absence of leaves may disclose. . . . The growing interest in American Holly as an ornamental tree has stimulated the nursery production of superior specimens, both from cuttings and seeds. You can now secure excellent

nursery-grown Holly that will thrive and bear fruit much farther north than is ordinarily expected.

American Beech is one of our handsomest trees and grows naturally in a wide variety of well drained situations. Its type of root system, however, makes its successful transplanting from the wild almost impossible unless very young seedlings are selected. Better get nursery-grown stock. . . . Another hardy and more picturesque native tree of medium size, for either moist or dry situations, is the Tupelo or Sour Gum. It, too, can be handled successfully only in small sizes, but as it gains stature it becomes so striking in form and character that its development is well worth waiting for.

**Shrubs** of most deciduous kinds can be moved safely in midwinter, provided only that the ground is free enough from frost to permit digging. The various broad-leaves, however, had better be left where they are until early Spring, when their roots will be more active. . . . The Honeysuckles are a much more worthy race than most gardeners realize. Many of them are handsome flowering shrubs with often showy fruits in late summer. One could do far worse than study up on them now, with an eye to planting in the Spring.

Never prune a Spring-flowering shrub in Winter if you can help it; right after blossoming is the proper time. If you can't refrain from some cutting, restrict it to the

removal, at the ground line, of old and unproductive wood. . . . Cottonseed meal is an effective and safe acidifier for plantings of Kalmia, Rhododendron and other ericaceous shrubs. You apply it as a top-dressing and let it leach into the soil. It can be bought inexpensively in bags from any of the larger garden supply stores. . . . Gardeners as a class are too prone to stick to the old standby shrubs and neglect less well known but often finer species and varieties which frequently are just as easily grown. It is always worth while to look up these superior things and try them, for they can do wonders in increasing a garden's interest.

**Miscellaneous** General practice provides two seasons for grass seed sowing: Spring and Fall. Only occasionally is it realized that the seed can be sown directly on the snow in February and be in excellent condition to start germinating at the very first opportunity in early Spring. . . . Any garden products which you are carrying through the Winter in storage—Dahlia tubers, fruits, root crops—should have their condition examined now. If either shriveling or rot appears, check its cause promptly.

Garden supplies of all kinds are quite as important as the plants for whose benefit they are provided. Remember this as you go through the new crop of catalogs, and if you decide to order, do so early. . . . Whereas clay seed pans and pots are excellent receptacles for seed sowing, it must be remembered that soil moisture evaporates through them much faster than through wood. A good way to check this is to plunge them in damp peatmoss or sphagnum. . . . For watering seed sowings and small seedlings there is nothing better than a compressed air sprayer which distributes the water in a mist rather than scattered drops. Perfect control and avoidance of flooding are among the advantages of this method.



"I SEEN in the paper last week 'bout how the gals growin' up today is a sight bigger'n their mas an' grandmas was—Venus-women, the paper called 'em, which I take it is

kind o' like a giant, or somethin' o' thet sort.

"Wal, I dunno as I ever seen a Venus or a Venus-woman, but I knowed Mis' Carberry for nigh onto fifty year, an' I'd 'a' been willin' to back her ag'in any o' these here modern gals for straight heft an' grit. Yep, or even ag'in old lady Venus herself, whoever she was.

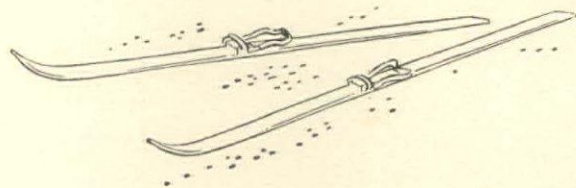
"Whut a woman Mis' Carberry was—right up to last winter when a fallin' tree stove in three of her ribs an' the pneumony come an' then the blood p'ison, an' the three of 'em together finished her off at the age o' eighty-six. Likely nobuddy would've called her handsome, exactly, for she warn't over five-foot-four an' weighed nigh onto two hundred. But she bore an' brung up seven chil-

dern, an' run her husband's store ever since he died afore the Big War, an' looked the world in the eye as steady as any man could've done. She'd roll a bar'l o' sugar as easy as sell a lollypop to a kid, an' make no more fuss 'bout throwin' a drunk out'n the store than she would over makin' change for a gallon o' ker'sene. One night, too, she grabbed a shotgun an' blowed the head off'n a b'ar thet was raidin' her beehives, an' then up an' skun' him an' sold the meat for ten cents a pound.

"Yep, a mighty capable lady, ol' Mis' Carberry. I calc'late thet most any Venus-woman, young or old, would've hed to step some to keep up with her."

OLD DOC LEMMON

# Outdoors



THAT'S THE WAY it's being done in the Swiss Alps—hot soup after a stiff morning climb...Over there, bean soup is one of the big hunger favorites. Over here it's Bean with bacon—Campbell's, you know. Whole, tender beans in a thick bean purée, and with the zestful savor of bacon all through it... Or, the hearty "soup of the sea"—Campbell's Clam Chowder. All the broth and meat of juicy clams—flavored and garnished just as good King Neptune himself would have it.



# -or Indoors

AND YOUR MOST elaborate dinner is off to a smooth, gliding start when the choice for the soup course is Campbell's. And leave it to a clever hostess to leave it to Campbell's to take the responsibility for a good beginning... Campbell's Tomato Soup, for example—made as a delightfully smooth cream of tomato by adding milk—a favorite with almost everyone... Or Campbell's Mock Turtle: Deep, rich beef broth, tender bits of meat, and piquant seasonings. (And—N.B.—there's a fine sherry in it, too!)... How many Campbell's Soups are on *your* pantry shelf?



Campbell's SOUPS

CAMPBELL'S

*preferred*

Those who "set the style" in clothes, in foods, in manners are apt to be sparing in their praise. Yet almost invariably they serve Campbell's Tomato Juice. They know there really is a big difference in tomato juice and that Campbell's is the one with the true fresh-tomato flavor. They—and you can taste the difference. So—

**CAMPBELL'S IS AMERICA'S  
LARGEST-SELLING TOMATO JUICE**

## SUGAR AND SPICE AND EVERYTHING NICE

(CONTINUED FROM PAGE 40)

heaping cup of sugar—three quarters of a cup of good honey, two and a half level teaspoons of soda, and one quarter of a teaspoon of salt. Stir into this three tablespoons of rum, two teaspoons of liquid anis flavor, or five grams of powdered green anis, and two teaspoons of cinnamon. Sift four cups of flour and add to the liquid to form a smooth batter.

If lumps should form, strain the whole through a sieve. Pour into the buttered tin. Place in a hot oven—about 450°-475° for ten minutes, then reduce the heat to a moderate 350° oven and bake, about an hour longer. Cool—then wrap in a waxed paper and keep in bread box. To serve—slice paper thin (and the beauty of it is that it will slice thin) and butter it copiously with sweet fresh butter. For tea or breakfast it is delicious. Spread with butter and opaque honey it is divine.

### RICHARD THE LION HEARTED CAKE

Measure two cups of shelled almonds—and wipe them clean on a cloth. Grind them in a nut grinder. They must be ground fine and powdery. . . . Beat the yolks of nine eggs for 15 or 20 minutes with one full cup of powdered sugar. Add the almonds and one and a half cups of grated sweet chocolate—a good pinch of nutmeg, a teaspoon of cinnamon—and a few drops of almond extract. Fold in carefully the stiffly beaten whites of nine eggs. Put into an eight and a half inch by three inch spring-form pan, which has been well buttered and floured—and bake in a moderate oven for about one hour and a quarter. Test with a straw. Turn off the oven and leave the cake in the oven to cool opening the door a little, for this cake mustn't be in a draught. When almost cold, undo the spring and remove the side of the tin. When cold remove the tin from the bottom of the cake, and split in two carefully with a sharp knife. Spread a quarter of an inch layer of raspberry jelly between the two halves. Ice with an icing made by stirring rum into sifted confectioners sugar until the right consistency to spread.

### CINNAMON STARS

Beat the whites of nine eggs until stiff, then add gradually one pound of powdered sugar and continue beating for half an hour, if you have an electric beater, or for one hour if you use a hand beater. Take out six tablespoons of the mixture to ice the cookies with later. Then add to the rest two rounded teaspoonfuls of ground cinnamon and the grated rind and juice of half a lemon, then fold in one pound of shelled but not blanched almonds, wiped clean on a cloth, which have been ground fine and powdery with a nut grinder. Then at the last moment add a quarter of a pound of granulated sugar. Place the mixture in the refrigerator for about an hour. When ready to make the cookies, take out a little of the mixture at a time and put it on a board sprinkled with granulated sugar and pat or roll out lightly to three eighths of an inch thickness sprinkling the top of the dough lightly with sugar too. Cut out with a star cutter and place on lightly buttered and floured cookie sheets. Dipping the

cutter each time in sugar will help to keep the cutter from sticking to the dough. Place the cookies in a moderate 325° oven for one hour or until the cookies lift off easily from the pan. Remove from oven and cool slightly, then ice them with the whites you have reserved. Place them back in the oven for a few minutes just long enough to dry out the icing but not long enough to let them brown at all.

### AUSTRIAN NUT ROLL

Make a paste by rubbing one half a pound of butter into two and a half cups of pastry flour in which you have sifted a pinch of salt and a tablespoon of granulated sugar. Mix lightly into a paste using half a cup of cream in which you have beaten with a fork—one egg yolk. Put in ice box to chill thoroughly. In the meantime chop mediumly fine—half a lb. of shelled walnuts. Add  $\frac{1}{4}$  of a box of black seeded raisins cut in little pieces—about one tablespoon of sugar—and a tablespoon of cinnamon—a pinch of nutmeg and a pinch of cloves. Add just enough milk to cover. Put on stove and just barely heat through, stirring all the while. Put in ice box to cool. Roll out the paste, spread with the nut and raisin paste. Roll up like a jelly roll—then bake on buttered plaque in a moderate to hot oven—three quarters of an hour—Let it get cold—Slice it and serve it with liquid cream.

### CUSTARD TART

Roll thirty graham crackers very very fine. Add to them  $\frac{3}{4}$  of a cup of granulated sugar—and a heaping teaspoon of cinnamon. Mix well together—then work them into  $\frac{3}{8}$  of a lb. of butter which has been well creamed.

Reserve half of this mixture and with the other half line a straight sided nine inch pie tin, pressing the mixture evenly over the bottom and around the sides. This takes a little patience but is perfectly feasible. When ready put into a moderate 350° oven and bake ten minutes. Remove from oven and cool. In the meantime make the following cream:

Mix together one cup of sugar with  $5\frac{1}{2}$  level tablespoons of corn-starch, and a scant half teaspoon of salt. Scald three cups of rich milk, and add it gradually to the corn-starch and sugar, stirring constantly until smooth. Add the grated rind of two lemons. Cook over boiling water ten minutes until very thick and smooth. Beat the yolks of five eggs and add a little of the thickened custard to them. Stir well, then add this to the rest of the custard—and cook two or three minutes longer.

Flavor with Vanilla. Cool slightly, then pour into the cracker shell. Spread evenly. Then cover the entire surface of the custard with an even coat of the remaining crackers. Bake twenty minutes in a moderate oven 350°. Remove—cool—and place in refrigerator for several hours to chill thoroughly. Turn out on platter and cut as you would a pie—before serving.

### And Have You Ever Tried—

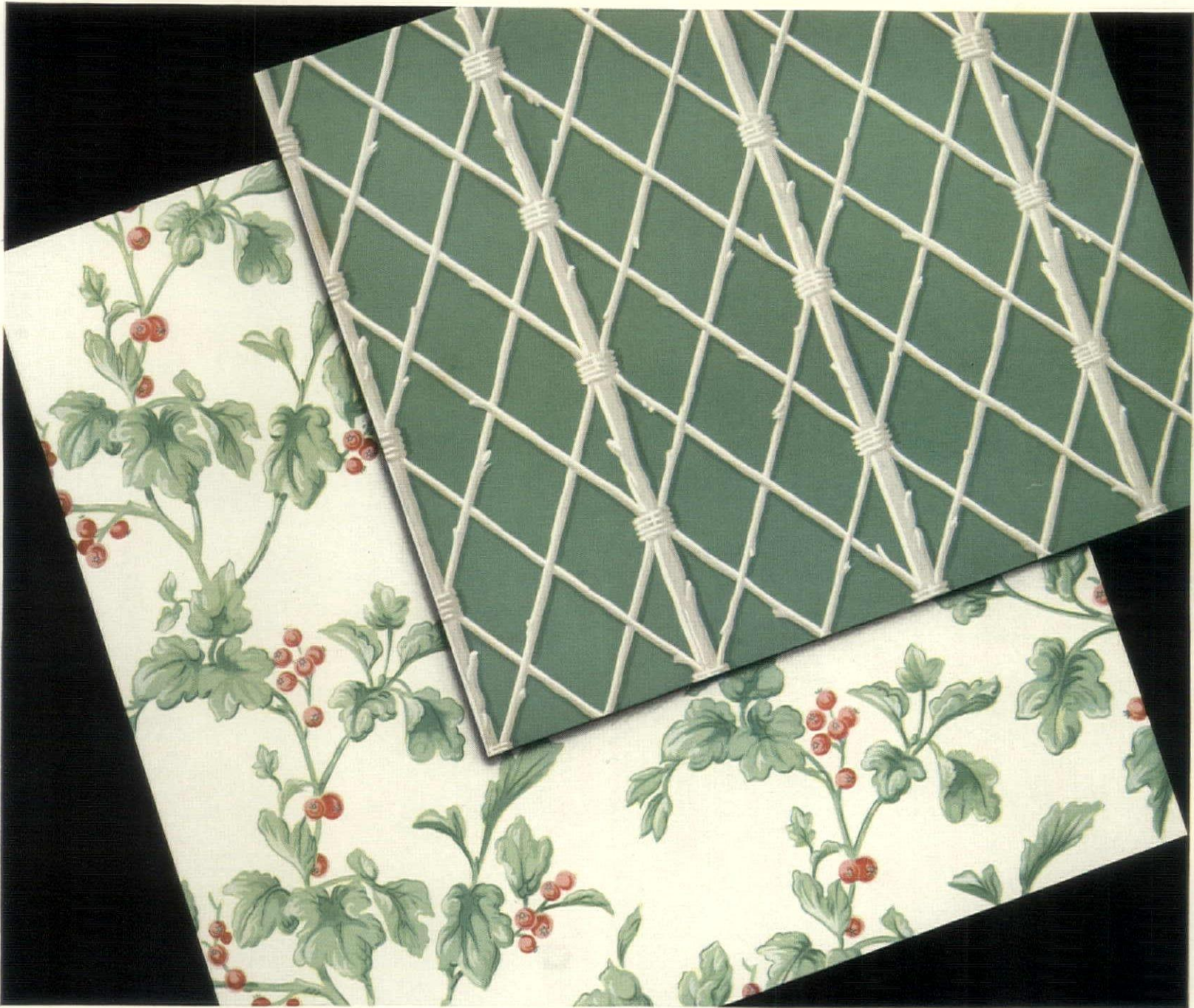
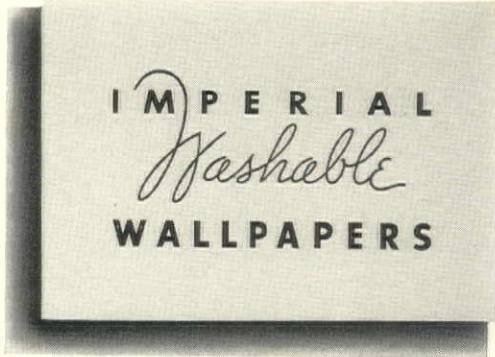
Stirring the sugar into your after dinner coffee, with a stick of cinnamon bark—

or—Café de Syrie—which is made by  
(Continued on page 63)



# AN ENCHANTING ADVENTURE . . .

You are invited to see the new 1938 Imperial Washable Wallpapers... If you haven't already done so, make it a point to see this glorious caravan of new wallpaper creations before another day goes by. You will marvel at the matchless beauty of the new colors, the fresh originality of the new designs by inspired artists. Note the deep tones of true water-color printing. And, don't be afraid to select even the most delicate pastel shade for fear it is impractical. Here is *enduring* beauty—every Imperial paper is guaranteed washable and fast to light, thanks to years of pioneer research by Imperial laboratories, largest in the world for wallpaper development and color research. When you redecorate, ask your decorator or paperhanger to show you Imperial, and be sure to look for the silver label that identifies genuine Imperial Washable Wallpapers in sample books.



Artist and pioneer in the realm of color photography, *Anton Brueck* says:



**"I am amazed that such a wide range of subtle colors can be achieved in wallpaper."**

## HOW TO FIX A "PROBLEM" ROOM

Jean McLain's new book tells how to bring beauty into your home at little cost. How to make rooms attractive by harmony of color and design. Send 10¢ to cover mailing costs. Also, read Jean McLain's offer of individual service.



JEAN McLAIN will advise you, *Free*, on your decorating problems. She will send you samples of the papers she recommends and tell you the nearest place to see and buy Imperial Washable Wallpapers. Address Jean McLain, Dept. K-8, Imperial Paper and Color Corporation, Glens Falls, N. Y.

### GIVE THIS INFORMATION FOR EVERY ROOM

Type of Room.....  
 Size and Exposure.....  
 Type of Furniture.....  
 Color Scheme Preferred.....

Copyright, 1938 Imperial Paper & Color Corp.

Please also send me your book, "The Romance of Modern Decoration," for which I enclose 10¢.

Your name.....

Street..... City and State.....

FRANCHISED DISTRIBUTORS, DEALERS AND REGISTERED CRAFTSMEN EVERYWHERE

*IVORY TIPS*  
protect the lips

**MARLBORO**

*Mild as May*

*A Cigarette created by Philip Morris*

## Spode FINE ENGLISH DINNERWARE FOR ALMOST TWO CENTURIES



ROSE BRIAR  
Service for 4 people  
18 pieces \$29.08

BILLINGSLEY ROSE  
Service for 4 people  
18 pieces \$41.01

Spode on your table is a reflection of your own good taste. Select your pattern at your local stores or write for Booklet 38.

Sole Agents and Wholesale Distributors  
COPELAND & THOMPSON, INC., 206 Fifth Avenue, New York, N. Y.

EVERY SPODE PATTERN IS ALWAYS AVAILABLE

## PLANNING THE ANNUAL BORDER

(CONTINUED FROM PAGE 49)

space well-grown plants require, and generous groupings look better and are more easily cared for than scrappy units.

The plants used must be of kinds which thrive in your locality and for the most part those varieties should be chosen which will remain attractive over a long period. Annuals which have only a short season of bloom (as Larkspurs and Gilias) should be used sparingly, for it is necessary to raise "fillers" to replace these.

In the vicinity of New York, and in other sections where hot, humid weather is experienced during the Summer season, many species which are perfectly happy under less trying conditions fail in July and August. Almost without exception species which are native to California or to South Africa disappoint. This is to be regretted, for those regions have given to the world some of the most gorgeous of annuals, but not for us are the Clarkias, Godetias, Leptosynes, Phacelias, Layias and Nemophilas of the west nor the Ursinias, Venidium, Felicias, Heliophilas, Nemesias and Dimorphothecas of the sunny southland.

It is interesting to note that of the species which have proved satisfactory at New York, Bailey lists fourteen as being natives of the tropics, thirteen as from Southern Europe and the Mediterranean Region, ten from Mexico, ten from South America, four from China, five from North America (excluding the West Coast), two from California, two from South Africa and one from Australia. Both of the South African species and one (or sometimes both) of the Californian species die out early and have to be replaced.

Sowing dates are extremely important. Lack of appreciation of this fact is the cause of many of the novice's failures. Exact dates will depend somewhat upon climate and upon the facilities available, but the dates found satisfactory at New York may be used as a guide. Outdoor sowing dates will vary within a few days according to weather. Always a time should be chosen when the soil is in a pleasant, crumbly condition rather than when it is wet and sticky and hard to work.

### DETAILS OF CULTURE

Early thinning of the plants so that they have ample room to develop is important and the surface of the ground should be shallowly cultivated at frequent intervals during the early stages of growth. When watering is necessary sufficient must be given to saturate the soil to a depth of eight or nine inches and this followed a few hours later by cultivation. Staking must receive attention, and so far as is practical brushwood, cut during the winter, is used for this purpose. Tall and stout growing plants require, however, more support than brush affords and are tied to stout bamboos or wooden stakes. Care must be exercised that this operation is neatly done so that the beauty of the natural habit of the plant is not destroyed.

Among the varieties recommended in this article a few die out in August. Replacements should be raised to take the place of these. The following meth-

od of handling these replacement plants is simple and effective.

During the last week in June seed of Balsams, Calendulas, Gomphrenas, Phlox drummondii, Tagetes, Marigolds, Browallias, Zinnias, Nicotianas, Scabiosas, Toreneas and Angelonias is sown directly in coldframes. When the young plants are large enough to handle they are planted individually in 2½" pots and set back in the coldframe (the sash being completely removed). Later they are repotted into 5" pots and are plunged to the rim in soil either in an unprotected coldframe or in the open ground. By late August they are fine big plants coming into bloom and are set out in the borders without receiving any check and without leaving any gap in the blooming season.

### A SELECTED LIST

The following are among the annuals found satisfactory at New York:

*Ageratum houstonianum* (Ageratum). Sow in greenhouse March 20 or from cuttings taken about the same time. Free blooming and attractive all Summer.

Anagallis "Bluebird". Sow May 1 *in situ*. The flowers are clear Gentian blue.

Anagallis "Terra Cotta Red". Sow May 1 *in situ*. A trailing plant to a foot high, with many flowers resembling somewhat those of *Phlox drummondii*. Nearly an inch in diameter and terra cotta in color with a small violet eye.

*Antirrhinum majus*. Sow in greenhouse February 15. This is the well known Snapdragon and is grown in several varieties. In some seasons rust disease is bad. If cut back the plants bloom a second time, but it is a good plan to interplant them with *Gladiolus* so that a second display is assured.

*Arctotis grandis*. Sow in greenhouse March 19. A beautiful pale blue Daisy which flowers well early in the season but must be replaced.

*Argemone grandiflora*. Sow May 1 *in situ*. Has bluish-green prickly lobed foliage and many pale yellow Poppy-like flowers. Dies out in August, and must be replaced.

*Argemone platyceras* var. *rosea*. Sow May 1 *in situ*. Flowers freely and continuously until late August when it must be replaced. The plants are 18" high with bluish-green prickly foliage. The flowers are frail and papery and are of a peculiar deep silvery red color.

*Browallia americana* (syn. *B. elata*). Sow in greenhouse March 15. Bushy plants of graceful habit, 27" high and having the effect of a very tall edition of the dwarf Lobelias. The flowers are clear blue, each with a small white eye.

*Cacalia coccinea*. Sow May 1 *in situ*. The orange-scarlet Tassel-flower which blooms freely through the early part of the season, but must be replaced later.

*Calendula officinalis*. Sow in greenhouse April 5 and grown in several varieties. Flowers well in early Summer but must be replaced during August. Seeds of this plant can also be sown directly out-of-doors.

*Callistephus chinensis* (China Aster). Sow in greenhouse March 27 or

(Continued on page 78)

## SUGAR AND SPICE AND EVERYTHING NICE

(CONTINUED FROM PAGE 60)

mixing together for each demi-tasse—three teaspoons of pulverized coffee—two scant teaspoons of granulated sugar, and two thirds of a cup of water. Bring to a boil. Allow to settle and add one little seed from a cracked cardoman seed to each cup before serving—Be sure it is hot—

or—Try sprinkling your honeydew melon—with powdered ginger—mixed with a little powdered sugar—served in a salt shaker—

or—Powdered cinnamon on vanilla ice cream—

or—For your morning breakfast or afternoon tea; make the toast at table in an electric toaster and spread it with butter which has been well creamed with powdered sugar and cinnamon to taste—served in a little brown earthenware crock—

or—Caraway seeds are good served with cottage cheese mixed with sour cream—

AND THEN THERE'S

Bring to a boil together one cup of sugar—5 tablespoons of water—1 tablespoon of cinnamon and one teaspoon of vanilla—Add two cups of walnut halves and let the whole come to a lively boil again.—Remove from stove, and stir constantly for five minutes or until the syrup starts to sugar—Pour the whole out on lightly buttered tins and separate the nuts allowing them to dry—Serve with after dinner port—

or—Spiced currant, apricots or black cherry preserves, served with creamy rice pudding (known in England as family pudding) accompanied by a bowl of thick cream—

or—Simpler still—Plain boiled rice served hot or cold with confectioners sugar mixed with ground cinnamon—and cream—What could be better?

## GOOD RIDDANCE

(CONTINUED FROM PAGE 57)

with the rubbish as well as the garbage.

Portable incinerators, so-called because they are not actually part of the house construction, can be installed and connected to a flue in the basement. These are sturdily built and have tight fitting doors so that no odors escape from the garbage which can be accumulated and fired once a week. The grates and fire chambers are well designed so that the garbage will be completely burned and bottles and tin cans can not jam the works. Either the gas-fired models or the coal or wood burning ones which are especially good for country use, provide a good once-and-for-all solution at a reasonable cost.

### THE OUTDOOR INCINERATOR

The spectacle of country gentlemen or provincial ladies out burning the garbage is very familiar in country life. A modern outdoor incinerator will add convenience, sanitation and a neat appearance to this country custom. A ready built model which can be bought complete and ready to set out has many advantages over the home made jobs. It is built so that the garbage can dry out and burn completely without kerosene or constant poking and the short chimney, with a baffle-plate top and spark-arrester keeps burning papers from flying around and assures even burning on windy days. What is more to the point this incinerator will work in rain or snow. Since the garbage compartment is enclosed it will not be a gathering place for flies and the wild life of the country side. Its size and general appearance make it easy to disguise behind a few sheltering shrubs.

### NEW RECEPTACLE

Unless you dispose of your garbage immediately in a "garbage grinder" or the hopper of an incinerator there is still need for a garbage can in the

kitchen. Step-on cans are now made more substantially and finished with a good heavy enamel which resists chipping and rusting. The top edge of the can has a rounded rubber ring which silences the clatter as the cover closes on the can and protects the edge from constant wear. An interesting variation on this type of can is one that is fitted on the back of the cabinet door below the sink. The cover pops up automatically when the door is opened and closes again when it is shut, no footwork involved and the can is out of sight except when it is really in use. A handy small can on a long swivel arm can be fitted to the leg of the sink or the drain pipe and swung out in front of the sink or back under it as it is needed.

Special waxed paper bags make the only safe lining for garbage pails. They open up and fit inside without any folding or pinching and the heavy treated paper will hold a full can of wet garbage without the usual danger of the entire bottom giving way as it is lifted from the can. These bags come in different sizes and are very inexpensive though they would really be a bargain at any price.

### TOOLS FOR THE SINK

Dish scraping and garbage-in-the-sink can be at least bearable if they are attacked with the proper tools. A good large sink strainer is the first essential and the new ones of stainless steel are particularly good since they will never stain the sink. Next there are hard rubber plate scrapers, carefully shaped to get right into the corners and make quick work of the stickiest dishes. These scrapers are so cheap they should be bought by the dozen and thrown out as soon as they begin to droop. With a good sink shovel and brush combination it is a comparatively easy task to round up every last bit of garbage and land it neatly in the strainer, "untouched by human hands."

# THERE'S A DISTINCTIVE CHARM



THE ROOM FURNISHED  
WITH OLD COLONY  
PIECES.....

THE distinctive designs, authentic details, quaint constructions, and the mellow, hand-blended finish of OLD COLONY FURNITURE will lend true Colonial charm to your home. There's a wide variety of lovely, livable pieces to help solve your decorative problems attractively . . . and to do so at reasonable prices. Most of the better furniture and department stores everywhere, can show you interesting groupings of Heywood-Wakefield Old Colony Furniture.

IN this 24 page booklet on OLD COLONY FURNITURE are many suggestions for decorating your home attractively and comfortably. Simply send 10 cents (coin preferred) to Department D-2, Heywood-Wakefield Company, Gardner, Mass.

**HEYWOOD-WAKEFIELD**  
GARDNER, MASSACHUSETTS  
FINE FURNITURE SINCE 1826

*Beautiful*  
**NEW RUGS**  
*from OLD*  
 TRY THEM AT OUR RISK!

Write for  
 Big, New  
**FREE BOOK**  
 IN FULL COLOR  
 66 pages of NEW Designs—Model Rooms.



— TELLS HOW YOU  
**SAVE 1/3 to 1/2**  
 — by Sending Your Old Rugs, Clothing to the Olson Factory

OUR FREE catalog describes how we merge and reclaim the valuable wools in all kinds of old rugs, carpets, clothing, etc.—scour, sterilize, shred, picker, card, bleach—then redye, respin, and weave into deep-textured, modern.

*Seamless, Reversible*  
**OLSON RUGS**

—firmly-woven, 2-sided Broadloom Rugs that have won praise of editors and women everywhere.

**YOUR CHOICE** of 66 lovely Early American, Oriental, modern Texture designs, solid colors, rich blends, ovals, etc. *Any Special Size You Want.* Orders filled in a Week. We Pay Express or Freight from any state. You risk nothing by a trial. If not delighted, we'll pay for materials. Our 64th year. Order direct from—**OLSON RUG CO.**, Chicago, New York, San Francisco.



**TEAR OUT**  
 Mail Coupon or 1c Postal  
**OLSON RUG CO.**  
 2800 N. Crawford Ave.,  
 Chicago, Ill., Dept. F-47

Mail new Olson Rug Book FREE to:

Name \_\_\_\_\_

Address \_\_\_\_\_

Town \_\_\_\_\_ State \_\_\_\_\_

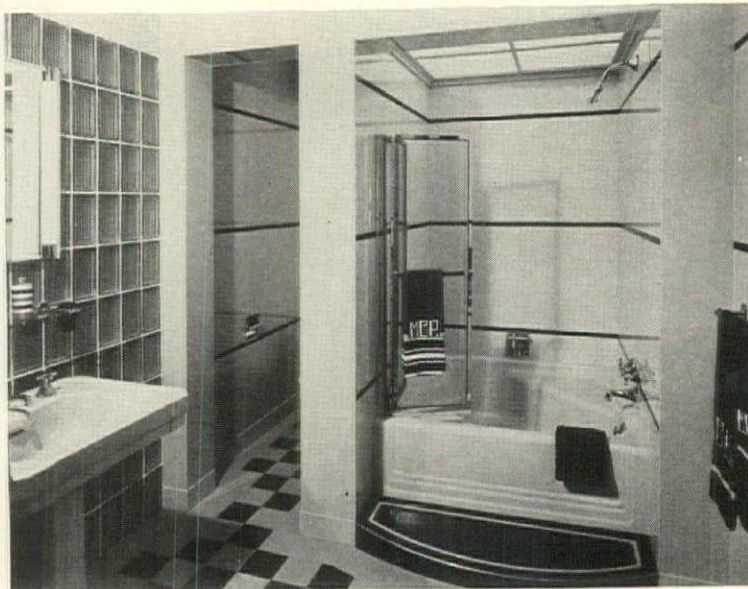
© 1938 ORC

**CALIFORNIA HOUSE**

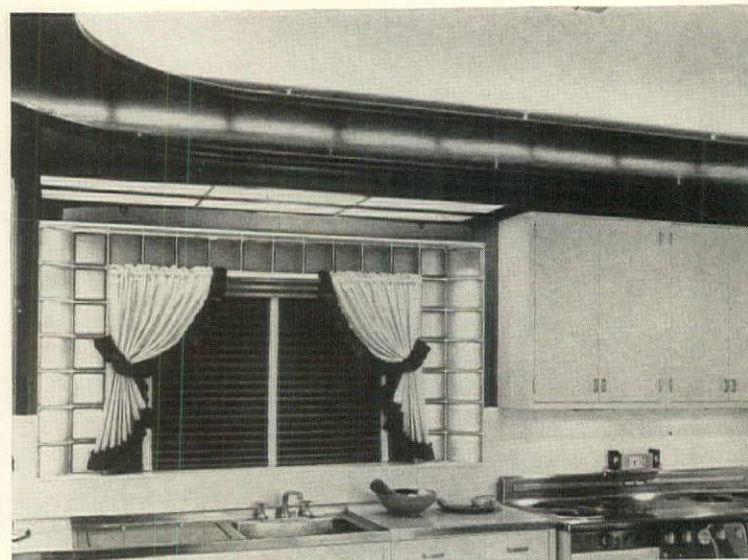
(CONTINUED FROM PAGE 46)



THE ESSENCE of feminine luxury is the daughter's bathroom in Barker Bros. "California House". Walls and floor are pale yellow tile, and the ceiling and fixtures dusty pink. Ceiling insets provide illumination.



ONE complete wall is of glass bricks in this masculine bathroom, glass doors encase the shower, and lumiline lamps light the mirror. Strips of dubonnet Carrara glass trim the walls; the floor is made of rubber.



THE KITCHEN of "California House" boasts the very latest of General Electric's labor-saving devices. The walls are white Carrara glass, the floor Goodyear rubber. Lighting is diffused from the ceiling band.

*For lasting beauty and economy too...*

**ALVIN STERLING**

CORRECT FOR EVERY OCCASION



Lifelong association with sterling silver makes your choice of pattern all-important. Alvin Silver patterns are as flawless in craftsmanship as they are in style . . . and being sterling, they last a lifetime.

**SEE THEM AT YOUR JEWELER'S**

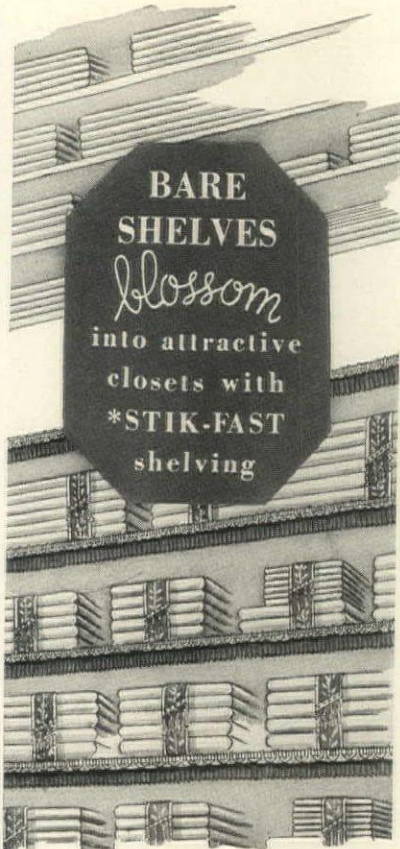
**FREE** We will be pleased to send complete descriptive price lists of our patterns. Check those desired and mail with name and address.

<input type="checkbox"/> CHASED ROMANTIQUE	<input type="checkbox"/> BRIDAL BOUQUET
<input type="checkbox"/> ENGLISH ROSE	<input type="checkbox"/> MARYLAND
<input type="checkbox"/> MAYTIME	<input type="checkbox"/> DELLA ROBBIA
<input type="checkbox"/> MASTERCRAFT	<input type="checkbox"/> ROMANTIQUE

**THE ALVIN SILVERSMITHS**  
 Makers of Exclusive Silver Designs for 50 Years  
 PROVIDENCE • RHODE ISLAND

**CALIFORNIA HOUSE**

(CONTINUED FROM PAGE 64)



AMPLEY mirrored, abundantly lighted, the feminine clothes closet is equipped with a supply of drawers and quilted boxes. A three-tiered glass dressing table on the mirrored wall holds make-up facilities.



THIS closet and dressing room designed for a man opens directly into the bathroom. Sliding glass doors protect shelves and storage space. A beige and brown scheme includes brown boxes with bamboo handles.

THESE colorful washable edgings give your closets a crisp spring-like air at trifling cost. Such fun to put them up—merely press the adhesive back against the shelf and they “stick fast” without tacks. In dozens of gay designs at stores near you. And look, too, at the beautiful Conso trimmings for draperies and slipcovers.



For Dress Closets: Pleated \*Stik-fast



For Linen Closets: Scalloped \*Stik-fast



For Kitchens: Floral \*Stik-fast

*Conso*  
\*TRADE MARK

**CONSOLIDATED TRIMMING CORP.**  
27 W. 23rd ST. NEW YORK CITY

PRODUCTS of the following manufacturers are included in “California House—1938”, built in Barker Bros. Store in Los Angeles, California.

- General Electric Kitchen, GEORGE BELSEY Co.
- Piano, STEINWAY & SONS.
- Incandescent Lamp Dept., Illumination Engineering, GENERAL ELECTRIC.
- Fabrics, J. H. THORP & Co., INC., and CELANESE CORP. OF AMERICA.
- Fabric Trimmings, CONSOLIDATED TRIMMING Co.
- All Rubber Flooring, GOODYEAR RUBBER Co.
- “Parkay” Wood Floor, WOOD MOSAIC Co.
- All Carpeting, BIGELOW WEAVERS.
- Shower Doors, WINDSOR SHOWER DOOR Co.
- Avalon Carpet Lining, ALLEN INDUSTRIES, INC.
- Air-Conditioning, WESTINGHOUSE.
- Sculpture, RUTH PEABODY.
- All Exterior and Interior Tile, GLADDING-McBEAN & Co.

- Marble and Tile Installation, BRUNER MARBLE & TILE Co.
- Landscape Architect, WESLEY WALL.
- Garden Lighting, F. B. NIGHTINGALE.
- KIM MANUFACTURING Co.
- Shrubbery and Flowers, HOWARD & SMITH.
- Mirrors, Plate, Pennvernon Window and Carrara Structural Glass, W. P. FULLER & Co.
- Pittsburgh Paints Throughout, PITTSBURGH PLATE GLASS Co.
- Distributors for Owens Illinois Glass Bricks and Curtis Co. Silentite Sash, SAN PEDRO LUMBER Co.
- “Hall Mack” Bathroom Fixtures, HALLENSEID & McDONALD.
- All Bathroom Plumbing Fixtures, STANDARD SANITARY MFG. Co.
- Plumbing Installation, HERMAN J. SIEMERS, INC.
- Lumarith Lamp Shades, CELLULOID CORP.
- Wallpapers, are from M. H. BIRGE & SONS Co.
- Philco Radios, LISTENWALTER & GOUGH, INC.

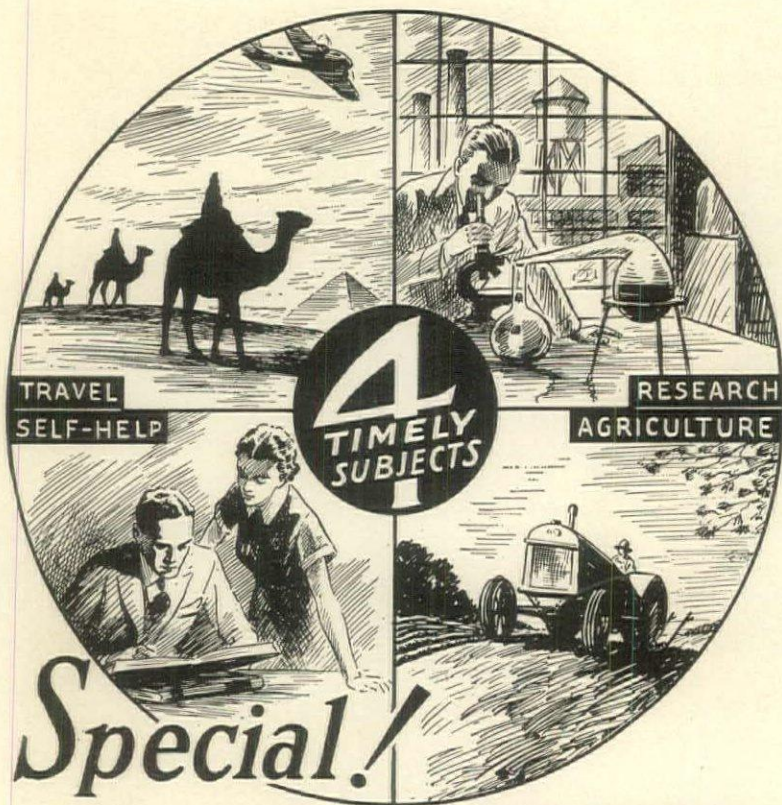


**JADE**

Treasure of treasures. To the Chinese, more precious, far more precious than gold. Masters of its sculpture . . . they have devoted tedious years to a single inimitable carving. Such jade . . . America's most famous collection . . . is found at Gump's . . . Treasure House of the world's art, ancient and modern.

**GUMP'S**

SAN FRANCISCO · HONOLULU



# Special!

## “UP-WITH-THE-TIMES”

**4 in 1 Series - - 36 Articles for \$1.00**

The latest facts about four important subjects—told in the interesting and accurate fashion for which The Christian Science Monitor is noted. Each subject is covered in nine articles—a total of 36 articles, beginning March 1 and running until April 11.

- 1—*From the Danube to Dixie.* Peoples and places in the news today told by R. H. Markham, a skilled observer and special writer with a knack for recording his impressions in vital and vivid manner.
- 2—*Help Yourself.* How to improve speech, letters, appearance, manner; how to increase special knowledge for your job. Practical aid for those seeking their first job or seeking advancement.
- 3—*Research the Liberator.* How modern research is transforming the world. New discoveries in electricity, chemistry, mechanics, engineering, archeology and astronomy.
- 4—*Farms and the Farmer.* New markets, new methods, farm organizations, farming abroad, other recent developments that have affected farms, farming, farm life, and the whole world.

This series will not only help you keep up with the times but also become better acquainted with the Monitor—how it fills its special niche in world journalism and how it can help you in your daily reading. One dollar brings all 36 articles. Regular rates shown below. Use the coupon now to subscribe for this series.

## THE CHRISTIAN SCIENCE MONITOR

*An International Daily Newspaper*

Published by The Christian Science Publishing Society, Boston, Massachusetts

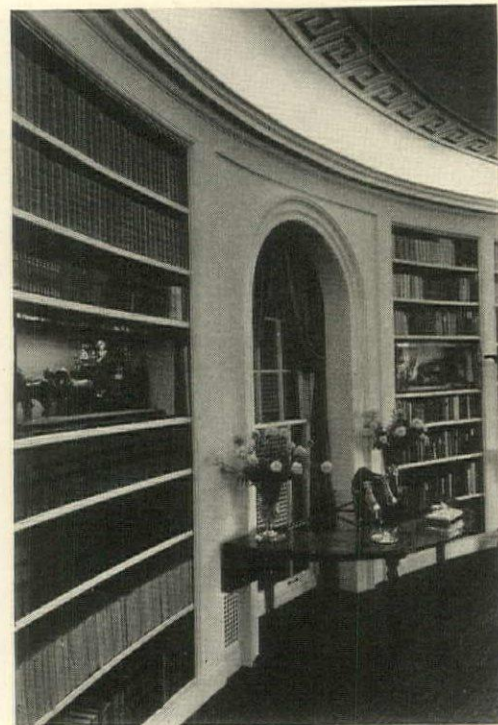
The Christian Science Monitor  
Dept. HG-2, One, Norway Street, Boston, Massachusetts

Please send to the address below, the 36 issues of the Christian Science Monitor (March 1 to April 11) containing the four “Up-With-the-Times” series, for which I enclose \$1.

Name .....

Address .....

Price of regular Monitor subscriptions:	The Wednesday issue only, including the Magazine Section:
<input type="checkbox"/> 1 month ..... \$0.75	<input type="checkbox"/> 1 year ..... \$2.60
<input type="checkbox"/> 3 months ..... 2.25	Special Offer:
<input type="checkbox"/> 6 months ..... 4.50	<input type="checkbox"/> 6 issues ..... .25
<input type="checkbox"/> 1 year ..... 9.00	



MR. LADEW USES OLD ENGLISH COACH MODELS FOR DECORATION

### LIBRARIES TO LIVE WITH

(CONTINUED FROM PAGE 22)

basic home library should be properly balanced between the best of the old and the best of the new, and that, like a living garden, it should be weeded, nourished and cultivated regularly. I do not collect luxurious bindings or first editions as such. Although I have some prized possessions of this type in my limited edition section, I make it a rule not to acquire any “rare” or “de luxe” book unless I also own a cheap and companionable “reading” edition of the same book. Mine is not chiefly “the gratification of possession”, and even less “the gratification of exhibition”, but first and foremost the thrill of use.

I have books in every room—literally—even in the kitchen, the logical place for gastronomic volumes. Besides the library, I still have my old upstairs study lined with bookshelves from floor to ceiling, and ample bookshelves in every bedroom.

In my opinion, a civilized basic home library should be general enough and comprehensive enough to include the “best of all time” in a representative way—and yet personal and individual enough to suggest the owner’s dominant interests, idiosyncrasies, and bibliomanias. In these personal fields the library should be a specialist’s library, with a wealth of various editions and critical studies of the same basic books. Thus, I concentrate on *The Bible*, Shakespeare, the proverbial and aphoristic philosophers, music, arboriculture, and a few other subjects close to my heart. The first book placed in the new library was the Bruce Rogers *Lection Bible* (published by Oxford) and presented to me by my partner, Richard L. Simon.

Many of my favorite publishing projects have been conceived and developed in my library, away from the

(Continued on page 67)

COMFORTABLE FIREPLACE GROUP, DEEP CHAIRS, GOOD LIGHTING





AN INVITING CORNER IN MR. LADEW'S CIRCULAR LIBRARY

**LIBRARIES TO LIVE WITH**

(CONTINUED FROM PAGE 66)

tumult of my office, first in my New York home and at "Green Laurels".

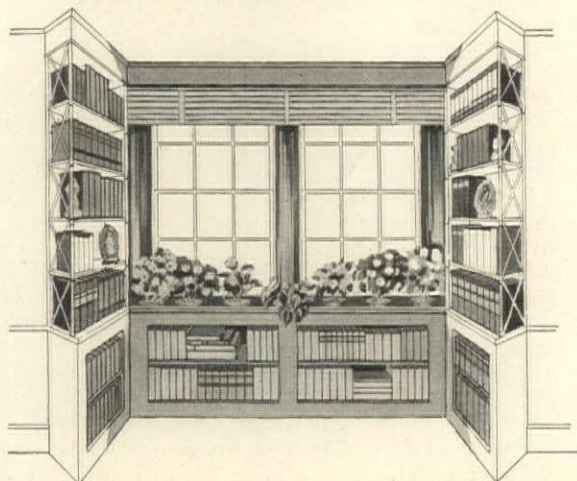
Taking a phrase from Sinclair Lewis, I rank at the head of the list of "enemies of the book" the man without a home library—the person who tries to alibi his reading apathy or cultural backwardness by saying he lacks the money or the space. What is really lacking, in most cases, he says, is the will to read, the urge to grow. I openly declare that anyone with the inner impulse to think and read for himself, and regard self-education as an endless process and a way of life, can somehow find the space, and a home library—modest but still basic and representative—can be assembled for \$1, for \$10, for \$100, for \$1000, or any sum up to \$100,000 or \$1,000,000, depending on one's budget. One of my special enthusiasms is a still secret plan for a \$1 or \$10 basic home library for people of limited means. Believe it or not, it can be done.

Meantime, I respectfully submit that one of the greatest problems before booksellers and book-publishers of the country is to convince the "audience

illimitable" that the Dr. Rosenbachs and the Owen D. Youngs need not hold a monopoly on the joy and usufructs of home libraries. A bibliographic high crime and misdemeanor is the unimaginative rich men's "formal library" consisting of a few luxurious bindings and sets, a great deal of period furniture, a backgammon set and hardly any books to read, live with, and use.

In the cornerstone of the library at "Green Laurels", encysted in copper and concrete, is a sealed vault containing a number of "confidential letters addressed to posterity" by a number of my friends and authors, including Albert Einstein, Charles A. Beard, Henry L. Mencken, Leon Trotsky, Theodore Dreiser, Thomas Craven, Theodore Morley, Will Durant, Walter Duranty, Abbe Ernest Dimnet, Donald Culross Peattie, and others. Weather and the elements permitting, the vault will be opened and these letters read, if at all, two hundred years hence. The chemists guarantee that the special rag paper used for these letters may last perhaps one thousand years. Papers of 2137 A. D. please copy.

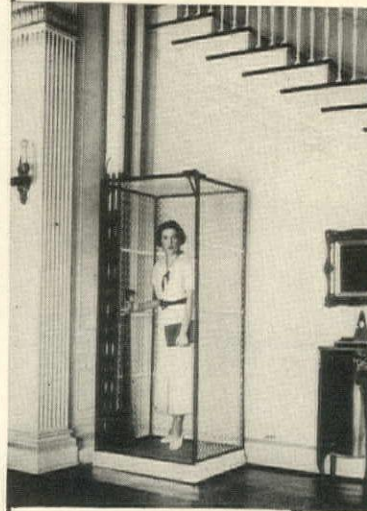
**BOOKSHELF DESIGNS BY VERA COOK SALOMONSKY**



THE usual three-sided bay may be often converted into a book alcove, by the frank addition of projecting cases at the splayed walls. Here the bookcases have also been carried below the window sill and beneath a metal lined trough accommodating flower pots. The narrow wall spaces between and at the ends of the windows have been covered with mirrors. (Continued on page 74)

*Residence Elevators*

To Modern Homes an Essential Convenience and Invaluable to Invalids and the Aged



The INCLIN-ATOR is placed on side of stairway, taking about 5 inches of space when folded. Operated by a small concealed electric power unit, using ordinary house current. All modern safety devices. Car finished to harmonize with the surroundings.



**"Elevette"**

A new type of electric Home Elevator, can be placed in stairwell, closet, or corner of room. No superstructure, or overhead construction. Car made with solid panels or open mesh grille as desired. Any size or shape up to wheel-chair capacity.

*Ride THE STAIRS*

Full information regarding the INCLIN-ATOR and the "Elevette", with name of nearest representative, will be mailed on request.

**INCLINATOR COMPANY OF AMERICA**

307 South Cameron Street, Harrisburg, Penna., U.S.A.

Originators and Manufacturers of Simplified Passenger Lifts for the Home

**HOUSE & GARDEN'S PORTFOLIO**

OF *Flower Prints*

Twenty-five superb illustrations, in full color, suitable for framing, with an introductory essay by Richardson Wright



Use the coupon below to order this unique Portfolio of House & Garden's complete collection of 25 flower prints, as published in the magazine. Each print appears on a separate sheet of fine paper with wide margins. As decorative notes for the home, or gifts to friends, they are ideal.

\$5 Postpaid—Now on Sale

THE CONDÉ NAST PUBLICATIONS, INC., GREENWICH, CONN.

I enclose \$5 for House & Garden's Portfolio of Flower Prints (postpaid).

Name \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

# NASSAU IN THE BAHAMAS

Swimming *all winter* at world-famous beaches, fishing, sailing, golf, tennis, polo—cooling rum swizzles on the terrace of a fine hotel or at a famous bar—visits to Blackbeard's Tower and Fort Charlotte, guarded by its colorful Zouave sentries—native sponge markets, tropical flowers and a temperature that seldom falls below 68°!



## THE "Carinthia" ... FAMOUS WORLD CRUISE LINER SAILS EVERY SATURDAY

Whichever week you decide to go there's a convenient Cunard White Star sailing in the famous world cruiser, Carinthia. Six-day cruises permit a day-light day and evening ashore in Nassau. Stop-over privileges, for those desiring a longer stay, and 13-day all-inclusive tours at surprisingly low rates. No passports required.

### SCHEDULE OF SAILINGS

SATURDAY	3 P. M.	February 5	. . .	CARINTHIA
SATURDAY	3 P. M.	February 12	. . .	CARINTHIA
SATURDAY	3 P. M.	February 19	. . .	CARINTHIA
SATURDAY	3 P. M.	February 26	. . .	CARINTHIA
SATURDAY	3 P. M.	March 5	. . .	CARINTHIA
SATURDAY	3 P. M.	March 12	. . .	CARINTHIA
SATURDAY	3 P. M.	March 19	. . .	CARINTHIA
SATURDAY	3 P. M.	March 26	. . .	CARINTHIA

6 DAYS  
\$75 UP

One-way fares \$65 up;  
Round-trip fares with stop-  
over privileges \$95 up

Ask your Travel Agent or consult Cunard White Star Line, 25 Broadway, or 638 Fifth Avenue, New York . . . or Nassau, Bahamas, Information Bureau, 30 Rockefeller Plaza, New York.

## CUNARD WHITE STAR

## SCOTS WHA HAE

(CONTINUED FROM PAGE 36)

the window in a basket down an appalling cliff. A lovely little Norman chapel is said to have been built by the saintly Queen Margaret. In the Castle is kept the Scottish regalia—the sceptre, crown, swords, etc. of the Kings—which was recovered by chance after it had been lost for many years. A guard who speaks broad Scotch shows it to the visitors. On the ramparts rests the famous old gun, Mons Meg. In the courtyard is a notable bit of modern architecture, the Scottish memorial raised in honor of the hundred thousand Scottish soldiers who died in the Great War.

From the Castle runs the Royal Mile, a street leading to Holyrood. On either side are quaint old houses, redolent of the past. It was here that John Knox lived, and many another famous man and woman. Down its length in times past rode kings, queens, prelates and robbers. Its stones have often been stained with blood.

### HOLYROOD

Holyrood, at the far end, was originally an abbey built in the twelfth century. Destroyed by invaders or mobs, it was rebuilt a number of times. Now there is a little of the old structure left. On the site stands the Palace which is still the residence of the Kings of England when they visit Scotland. Within this Palace is the room where Rizzio was murdered when supping with his Scottish mistress, Queen Mary. It was here that Bonnie Prince Charlie gave a ball when on his desperate attempt to gain the throne of England.

From Edinburgh can be conveniently reached the borders, East Lothian, the Trossachs, the Central Highlands,—the countries of Scott and Bobbie Burns. I have visited many old castles and monasteries that are there. The castles and scenery are not all. If you are a fisherman, as I am, you can have splendid sport. The inland waters hold trout and some salmon, the sea not only ordinary fish, but the great tuna. There is shooting as well,—grouse, blackcock, and deer. You may have read of "deer forests" in Scotland. They are not forests, but treeless hills.

But,—who am I to talk of Scotland, who have only a small modicum of Scotch blood in my veins, when my wife is largely of Scottish descent, spent much time in Scotland when she was a child,—and in addition can speak the language. I turn the subject over to her.

### MRS. ROOSEVELT REMINISCES

When I was little my family lived in Paris. I had a Scotch nurse called Jane. She and I used to be sent to the Highlands of Scotland during the summer. We would take lodgings in some farm house, either "up Deeside" towards Braemar, or near Inveramsay, where the Battle of Harlaw was fought. I can remember as if it were yesterday going with Jane to the Highland games at Braemar in Queen Victoria's time. The Queen sat under an enormous marquee made entirely of gray and black Balmoral tartan, two Indian servants standing behind her. Then, before her paraded the Clan of Stuart, their bonnets smartly cocked, carrying battle-axes, and marching to the wild, stirring mu-

sic of the pipes. I was not greatly interested in the various athletic events, but I would not have missed one moment of the Highland dancing competitions.

### THE SWORD DANCE

The most thrilling was the sword dance, done over and around two swords lying crossed on the floor. Not only did this require great agility, but endurance as well, before the many different steps had all been done. I cajoled Jane into letting me take lessons in this wonderful dance—from the village tailor in Ballater—until I could do it all from start to finish.

Jane was a dour Scot from Aberdeen, the Granite City. At that time all the trams were drawn by horses. Jane's brother was head blacksmith for the tram company. One of my chief delights was to be allowed to go and see the horses being shod. I don't suppose the anvil could have been as enormous as I thought it was, or the shower of sparks as impressive. Jane's brother once gave me a present, a pair of tiny horse-shoes. They had been gilded, and mounted on two plaques, one covered with peacock-blue plush, the other with magenta. Nothing had ever been more perfectly beautiful in my eyes. How I loved them!

### "KILTS" AND CRUMPETS

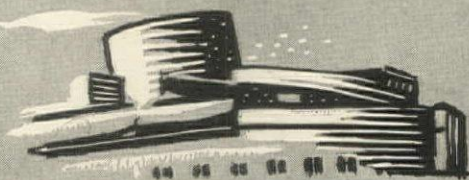
The shops in High Street, Aberdeen, were treasure-houses. I can remember some windows full of smart tweeds, tartans, Shetland sweaters and shawls. Others had jewelry, clasps in the form of thistles, and dirks set with cairngorms, worn in the side of Highland stockings. Incidentally, a man never wears *kilts*. He wears a *kilt*. That is, if he is from the Highlands, where it originated. The Highlanders deny the right of the Lowlanders to this costume.

I suppose it is because children are always ready to eat that I have such vivid recollections of the food. Porridge—made of finely ground oatmeal,—nothing on earth is better. Why do we never meet it at home? Scones—not pronounced *scones* at all, but to rhyme with "Dons". Catcakes, bannocks, crumpets, baps,—all of these delicious with homemade black currant jam. Scotch broth,—there's something to nourish a nation! We still eat it at home, made from a recipe given me by a farmer's wife in Lumphanan when I was eleven. It has all the best part of a chunk of mutton, all available vegetables, rice and barley. If well made, a spoon will fairly stand up in it.

### "QUEEN'S WEATHER"

I can remember tramping over the hills, knee-deep in heather, the wind in my face. Wind, and perhaps a little rain. "Scotch mist" it would be called, even if it were a drenching downpour. A lovely sunny day was always "Queen's weather", as Queen Victoria was supposed never to have seen anything else in Scotland. Scotch weather has been much maligned. I don't think there are many more rainy days there than in England or France, or even in the United States. The story told by Kate Douglas Wiggin in "Penelope's" (Continued on page 72)





Sun Deck Restaurant, meeting place of Atlantic Society on the Lloyd swift expresses, BREMEN . . . EUROPA; sketched by Wallace Morgan.



Flower Market of Hanseatic Bremen, home port of the Lloyd.

Crossings that create the mood for the utmost enjoyment of European travel.

Lloyd swift expresses BREMEN . . . EUROPA to Cherbourg, Southampton, Bremen; with the COLUMBUS adding Ireland. Hapag "Famous Four" Expresses—NEW YORK, HANSA, HAMBURG, DEUTSCHLAND, every Wednesday Midnight to Cherbourg, Southampton, Hamburg, often adding Ireland; leisure, low rate ships, Hapag ST. LOUIS, Lloyd BERLIN.

1938 Sailings Now Scheduled. Book Early. Your Travel Agent, or

**Hamburg-American Line • North German Lloyd**

57 BROADWAY, NEW YORK, N. Y. Uptown: 669 FIFTH AVENUE  
Other Offices and Agencies in Principal Cities of United States and Canada



**ARIZONA**

**Chandler**

**San Marcos Hotel & Individual Bungalows.** 250 acres of luxurious playground in the heart of the picturesque Arizona desert. Robert Fochl, Manager.

**Mesa**

**El Portal.** Ideal combination of town and country life. Res. bridge teacher, Tennis, golf, riding. Superb food. All rooms with bath. Gladys B. Sayner, Mgr.

**Nogales**

**Casa de Sierra.** Arizona's sunniest winter spot. View, accommodations & food unsurpassed. Away from traffic & dust. Stone's throw to Old Mexico. Folder.

**Phoenix**

**Jokake Inn** on the desert, ten miles from Phoenix. Delightful winter resort, every comfort and recreational attraction. Selected clientele. P.O. address, Jokake.

**Tucson**

**Arizona Inn.** Arizona's foremost Resort Hotel. Exclusive clientele. Charming Garden Homes. Every room has bath and sunporch. Bklt. H. O. Comstock, Mgr.

**Pioneer Hotel.** Southern Arizona's finest. 250 rooms, each with bath. European. Coffee Shop. Dining Room. Roof Garden. Sun Deck. Sensible rates.

**Santa Rita Hotel.** 250 rms. Tucson's Social Center; Western Hospitality & atmosphere. Excellent cuisine; Famous dance bands; Polo; Golf. Nick Hall, Mgr.

**CALIFORNIA**

**Arrowhead Springs**

**Arrowhead Springs Hotel.** Come to swim, ride, golf, tennis. 1800-acre landscaped grounds. Year round spa. 1 1/2 hours to Los Angeles. H. S. Ward, Mgr.

**Del Piedra**

**Pierson Dude Ranch.** In Scenic Wonder Valley. Modern Ranch House, Rustic Cabins. Western Stock Ranch, open all year. G. Weston Pierson, Rancher.

**Ojai**

**Footfalls Hotel and Bungalows.** Open Dec. 15 to May 1. Natural scenery—healthful climate—temperatures 65 to 80 degrees Fahrenheit. American plan, \$8. up.

**Palm Springs**

**Desert Inn.** Luxurious hotel and bungalow accommodations. All sports, Season, October 1 to June 1. American Plan. \$10 up. Write for folder.

**El Mirador Hotel.** America's foremost desert resort. Unexcelled cuisine. Golf, tennis, riding, skeet, outdoor swimming pool. Discriminating clientele.

**Santa Barbara**

**Santa Barbara Biltmore.** Brilliance of Cannes . . . beauty of Capri . . . social distinction of Newport . . . every luxury . . . every sport . . . throughout the year.

**Santa Monica**

**Miramar Hotel.** Ideal winter location atop beautiful Palisades on the Pacific. Sports of all kinds, Hotel Suites, Apts. with hotel service. Amer. or E. Plan.

**FLORIDA**

**Daytona Beach**

**Clarendon Hotel.** Directly on the Ocean Front. Fireproof. American Plan. \$8 up. Golf, Tennis, Fishing. Select Clientele. Open Dec. 18 to May 1.

**Miami**

**Hotel Alcazar.** One of Miami's finest hotels. "On the Bay Front." Steam Heat. Two channel radio. Dining Room. Coffee Shop. Roof Garden and Solarium.

**The McAllister.** Downtown Miami, facing beautiful Bayfront Park and Biscayne Bay. 550 rooms with bath and shower. Leonard K. Thomson, Manager.

**Miami**



**THE COLUMBUS**

Miami's finest hotel. Seventeen floors of solid comfort. Facing Park and Bay. In the social and geographical center of Miami. Convenient to everything. Two floors of public rooms. Individualized decorations and furnishings, soft water plant, steam heat—every possible service to enhance your stay. 17th Floor Dining Room. Reservations well in advance advisable. Booklet on request.

**FLORIDA**

**Miami Beach**



**THE BELMAR**

On ocean and beach-walk at 26th St. Private beach and all beach "furniture" provided. Lavish tropic landscaping, palm garden. Dining indoors and out. Thoroughly modern, new this year. Unique construction allows best utilization of sun and breezes. Structural glass extensively used. Steam heat, tile baths. European Plan. Write for reservations in advance.

**Miami Beach**

**King Cole Hotel and Cottages.** A club-like hotel, beautifully located in a palm grove on Surprise Lake. Unexcelled cuisine. Select clientele.

**Miami Beach**



**THE HOTEL PANCOAST**

Most exclusive resort hotel in America. Located in an exotic tropical setting directly on the Ocean front. Private bathing beach and cabana club. Restful atmosphere, yet close to all seasonal activities. Outdoor sports all winter. Open all year. American plan during winter season. Write or wire to Arthur Pancoast, President; Norman Pancoast, Manager.

**Miami Beach**



**THE PATRICIAN**

Located in the exclusive North Beach restricted section, directly on the Ocean, The Patrician offers Florida life at its gayest and smartest. New, modern, fireproof, 125 rooms overlooking Ocean and Beach. Famous Ocean Terrace for outdoor dining. Choice French and American Cuisine. Rates Notably Attractive. Selected Clientele. S. John Littlegreen, Manager.

**Miami Beach**



**THE SHOREMEADE-ON-THE-OCEAN**

Newest of America's fine resort hotels. Entire block on the Atlantic, surrounded by walled tropical gardens, protected private beach and boardwalk. Spacious open and enclosed sun-porches and lounges. Thoroughly modern in every detail. Cuisine by famous French chef. Restricted clientele. Write for details of this truly remarkable new hotel to Edwin Mead, Manager.

# TRAVELOG

**MIAMI SPORT NOTES.** February in the Greater Miami area holds in store a multitude of interesting events for sportsmen and their followers.

Horse racing, now in progress at Hialeah after moving over from Tropical Park, continues through March 5. Topping the February racing schedule are the Bahamas Handicap, for a \$5,000 added purse and the Bahamas trophy, on February 5; Nursery Stakes on both Lincoln's and Washington's Birthdays; and the Flamingo Stakes, with a \$20,000 added purse, on February 26.

The month's yachting events are featured by the Miami-to-Nassau Race, sponsored by the Miami Yacht Club, starting from Miami on February 8. The preceding Saturday, February 5, is the date set for the Sir Thomas Lipton Cup Race, under the auspices of the Biscayne Bay Yacht Club.

On February 26 the Orange Bowl will exchange gridiron fame for an equally renowned, but less strenuous, International Lawn Tennis Tournament. February 27 brings Ellsworth Vines of the United States and Fred Perry of England together at Miami Beach to carry on their international "feud" in professional tennis.

**IN CALIFORNIA.** Famed Santa Anita Park, near Los Angeles, California, brings its racing season (which started on Christmas Day) to a climax in late February and early March with two of the most notable stakes in the horse world. The Santa Anita Derby, with a purse

**FLORIDA**

**Miami Beach**



**THE WHITMAN BY-THE-SEA**

"Aristocrat of Miami Beach" . . . Occupying full block between Ocean and Indian Creek in highly restricted section. Private bathing beach. Marine terrace for dining, dancing and deck sports. Convenient to all attractions. Unrivalled cuisine and service. European Plan. Selected clientele. Reservations in advance. Illustrated 32-page booklet on request to Fatio Dunham, Manager.

**Ormond Beach**

**Coquina Hotel.** Directly on the Ocean Front. Fireproof. American Plan. \$8 up. Golf, Tennis, Fishing. Select Clientele. Open Jan. 14 to May 1.

**Palm Beach**

**Hotel Everglades.** Open Dec. 10th. Restricted. Close to Beaches, Shops, Theatres. Golf. Arthur L. Roberts, Prop. From \$3 European. Booklet.

**Palm Beach Hotel.** An exclusive hotel offering superlative service, finest cuisine, luxurious atmosphere. Am. & Eur. Plan. All sports. Booklet. J. J. Farrell, Mgr.

**Villa Atlantique.** Restricted. Open Dec. 1st. Beach Adjacent. Near Shops, Theatres. Golf. Arthur L. Roberts, Prop. \$10 Week Up. Am. Plan. Bklt.

**The Vineta Hotel.** A small, distinctive hotel, two blocks from Lake Worth, three blocks from the ocean. Amer. Plan. Moderate Rates. Bklt. C. A. Wescott, Mgr.

**Ponte Vedra Beach**

**The Inn.** Charming new resort hotel on the ocean midway between Jacksonville and St. Augustine. Golf, fishing, hunting, beach sports. Booklet.

**FLORIDA**

**St. Petersburg**



**THE SORENO**

One of Florida's finest American plan winter resort hotels. Situated on beautiful Tampa Bay, overlooking tropical Waterfront Park, and close to all recreation facilities. Modern and fireproof. 300 rooms, each with bath. Dining room famous for excellent cuisine. Pleasant social life. Booklet and rates on request. Soreno Lund, Mgr.

**St. Petersburg**

**Jungle Hotel.** Club atmosphere. Golf (18 holes). All sports. Select clientele. Fine food. Fair rates. J. F. Hynes, Mgr. N. Y. Office 500-5th Ave. LOng. 5-3231

**Lantern Lane.** St. Petersburg's finest water front apartment hotel. Thirty modern 3-5 room apts. by week, month, season. Booklet. H. G. Slayton, Mgr.

**Suwannee Hotel.** Close to everything of interest. 205 rooms, each with combination tub and shower bath. European plan. Dining room. J. N. Brown, Mgr.

**Vinoy Park Hotel.** On Glorious Tampa Bay. Sun bathing. Every recreational feature. Open Dec. 18. Booklet. Clement Kennedy, Managing Director.

**Sebring**

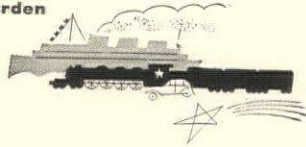
**Harder Hall.** "On the Ridge". No humidity. 6500-yd. golf course. Steam heat, 150 rooms and baths. Select clientele. Folder H. Eltinge Bros.—Mgrs.

**Winter Park**

**Virginia Inn.** On Lake Osecola. An Inn of Charm and Friendly Hospitality. Steam heat. Elevator. Automatic sprinklers. American Plan. Attractive rates.

You will find it of advantage to identify yourself as a reader of House & Garden, in writing to these advertisers.

• A Directory of Fine Hotels and Resorts. Further information may be obtained by writing direct to advertisers or to the Travelog Department of House & Garden



of \$50,000, on February 22, is surpassed in importance only by the Santa Anita \$100,000 Handicap, listed for March 5. If you don't know Santa Anita, in which case it's pretty obvious you're not interested in horse racing, you ought to go anyway just to see the beautiful scenic backdrop the Sierra Madre Mountains provide for this unusual sporting park.

February 7-12 brings the annual Ladies' Mid-Winter Golf Tournament at the Los Angeles Country Club, and racquet enthusiasts will welcome the tennis tournament at Beverly Hills during the third week in February.

**LA FIESTA.** There is a perpetual star on our calendar for La Fiesta de los Vaqueros, the colorful pageant of the Old West held each winter in Tucson, Arizona. The celebration this year runs from February 19 to 22, and will bring forth all the splendor and romance of the Southwest as we like to picture it.

Events will start as usual with the spectacular "Indian Day," presenting the Indian in the glory of his dances, sports and art-craft. There follow three days of thrilling bronco-riding, team tying, calf-roping and steer-riding in one of the biggest annual rodeos in the Western states.

If you're going to be in the vicinity of Tucson (and plan to be), join the merrymakers; dress as a real cowboy and take this opportunity to taste life as it was in the pioneer days of the last century.

**GEORGIA**

**Atlanta**

The Atlanta Biltmore. "The South's Supreme Hotel." Appointments unexcelled. Convenient for motor and rail travelers. Rates from \$3.00.

**Sea Island**



ON THE DUNES NEAR THE CLOISTER

Do you like—riding on picturesque trails or beach sands? Golf, tennis, skeet, swimming, lazy sunning, dancing—variety each day? Palate-tempting meals, expert service, eye-appealing setting—a friendly atmosphere? Then you'll love the round of play days at The Cloister. Early season rates in effect until February. New York Office, 500 Fifth Avenue, Penn. 6-2060.

**Thomasville**

Three Toms Inn. A charming winter resort hotel. Splendid golf, riding, hunting, etc. Ideal climate. Booklet. Direction of George C. Krewson, Jr.

**MISSISSIPPI**

**Biloxi**

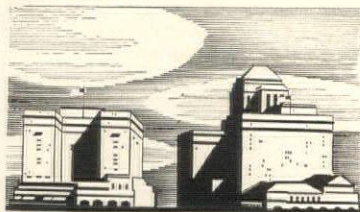
The White House. Finest resort hotel on beautiful Mississippi Gulf Coast. Golf, boating, fishing, etc. Modern. Amer. plan (incl. meals). John T. White, Mgr.

**Pass Christian**

Inn By The Sea and Cottages. Always open. On private bathing beach. All sports. Paved roads. Climate ideal. Near New Orleans.

**NEW JERSEY**

**Atlantic City**



CHALFONTE-HADDON HALL

On the Boardwalk, near golf courses, theaters, and Atlantic City's vast ice-skating rink. Plenty to do in the hotels, where concerts, dances, lectures, and entertainment are part of the courtesies extended our guests. Badminton. Squash courts. Game rooms. Bridge rooms. Health baths. Seaside lounges. Restricted clientele. American and European plans.

**Atlantic City**



HOTEL DENNIS

Supplementing the advantages of Atlantic City's mild winter climate with convenient Boardwalk location—unsurpassed room comfort—sundecks and solaria—sea water and health baths—delicious cuisine—diet kitchen—library—concert music—exclusive riding beach. Attractive rates, both plans. Write now for illustrated booklet. Walter J. Buzby, Inc.

**NEW JERSEY**

**Atlantic City**

Marlborough-Blenheim. Maintaining the standards of 35 years' continuous ownership management. American and European plans. Josiah White & Sons Co.

**NEW YORK**

**New York City**

Allerton House. An Allerton Club Residence—143 East 39th. Maximum facilities at minimum expense. An hotel for younger people. Daily \$2—Weekly \$10.

Allerton House for Women. An Allerton Club Residence. 132 East 57th. Advantages of good address, proximity to business & shops. Daily \$2—Weekly \$12.

The Barbizon, Lexington Ave. 63rd St. New York's most exclusive hotel for younger women. Cultural environment. Weekly \$12 up. Daily \$2.50. Bklt. "HG".

Barbizon-Plaza. New skyscraper hotel overlooking Central Park at 6th Ave. Rooms from \$3 single, \$5 double, Continental breakfast included. Bklt. "HG".

The Buckingham, 101 West 57th St. Luxurious parlor, bedroom, pantry, bath from \$6, a day. 5 minutes to Central Park, Radio City, Times Square.

Midston House. An Allerton Club Residence—Mad. Ave. at 38th. An hotel with club atmosphere, facilities for exercise & entertainment. Daily \$2.25—W'kly \$12.

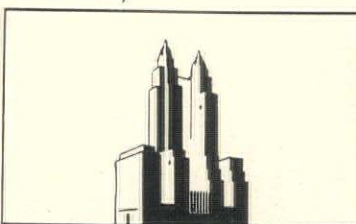
**New York City**



THE PLAZA—FACING CENTRAL PARK

Plaza excellence is one of New York's abiding traditions. Here the ultimate refinements of living are reflected in a perfection never successfully imitated. You will meet your friends in the Persian Room, a charming corner of a world-famous hotel characterized by a truly continental atmosphere. Henry A. Rost, President.

**New York City**



THE WALDORF-ASTORIA

The greatest achievement of The Waldorf-Astoria is that so much luxury and magnificence should still be subordinate to that sense of serenity which the world calls home. Park Avenue, 49th to 50th Streets, New York.

**Watkins Glen**

Glen Springs Hotel. High above magnificent Finger Lakes. Natural Nauheim Baths. Splendid cuisine. Golf. N. Y. Phone ME. 3-5295. Wm. Leffingwell, Pres.

**NORTH CAROLINA**

**Greensboro**



SEDGFIELD INN

Famous Mid-South Hotel. English style. Adjoins famous Valley Brook Golf Course—grass greens. Riding stables, 50 miles of bridle trails, tennis courts and other recreational facilities. Comfortably furnished rooms, modern in every respect. Meals and other accommodations as you would expect them to be. Write Louis D. Miller, Manager.

**Pinehurst**

The Carolina. In the beautiful sand hills country, 3 golf courses with grass greens. Open until May 20th. H. W. Norris, Manager.

**NORTH CAROLINA**

**Tryon**

Oak Hill Hotel and Lake Lanier. In famed Thermal Belt of Blue Ridge Mountains. Matchless winter climate. Hunting, riding, golf, etc. Modern.

**SOUTH CAROLINA**

**Aiken**

Highland Park. Season, January to May. Invigorating, average 55° winter climate. Polo, harness racing, golf, hunting, etc. Request folder "T" and rates.

**Summerville**

The Carolina Inn and Cottages. Rest or recreation among the pines. Golf—18 holes—grass greens. Riding, hunting, skeet shooting. Moore & Son.

**Summerville**



PINE FOREST INN AND COTTAGES

Nearest resort to World Famous Gardens. Restored to its former prestige and grandeur. Luxuriously furnished, steam heat, open fireplaces, sun parlors, verandas, midst Japonicas and Azaleas. Splendid saddle horses, the place for hunters, finest golf course, noted mineral water, recommended by medical profession. Good roads. Rates \$6 up, Amer. Plan. S. J. Littlegreen, Mgr.

**VIRGINIA**

**Richmond**

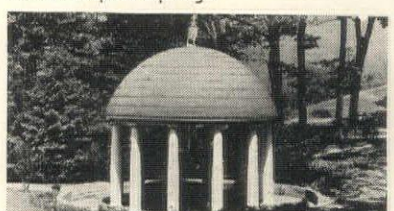
The Jefferson. Richmond's distinctive hotel, recently refurbished. 50 miles from Colonial Williamsburg. Historic Richmond folder gratis. Wm. C. Royer, Mgr.

**Virginia Beach**

The Cavalier Hotel and Country Club. On finest beach in the East. Golf, tennis, riding, deep-sea fishing, swimming, dancing. Roland G. Eaton, Mng. Dir.

**WEST VIRGINIA**

**White Sulphur Springs**



THE GREENBRIER

World-famous spa and resort located on beautiful 7000-acre country estate high up in the Alleghenies. Open all the year around. Golf, riding, swimming and skeet. Modern Medical and Bath Department—finest facilities for "The Cure." Tariff and information upon request to L. R. Johnston, General Manager.

**BERMUDA**

**Hamilton**

The Princess Hotel and Cottages. A select hotel for a selected clientele. All sports. L. A. Tworoger, Mgr. Consult travel agent or N. Y. Office, 500-5th Ave.

**WINTER SPORTS**

Places to go and places to stay—Listed below for your convenience.

**NEW HAMPSHIRE**

**White Mountains—Franconia**

Peckett's-on-Sugar Hill. Learn to ski! Famous Skiing School. First organized in America. Eighth season. European trainers teaching latest method.

**White Mountains—Waterville Valley**

Waterville Inn. Century old, ski-minded. Alt. 1553-4500 ft. Dec.-Apr. Ski school. Snowshoeing, skating, indoor comfort. Well plowed roads. N. Y. Rail service.

**PENNSYLVANIA**

**Pocono Mountains—Buck Hill Falls**

The Inn. "Snow Sports Capital of the Poconos." 3 hrs. from N. Y. Winter rates. Selected clientele. New York Office, 500 Fifth Ave., L.Ack. 4-4212.

You will find it of advantage to identify yourself as a reader of House & Garden, in writing to these advertisers.

**W**HENEVER you are planning a trip anywhere, merely visit an American Express office with an outline of where you desire to go.

Travel experts will plan an itinerary with you, according to your own specifications.

Reserve staterooms on the ship or cruise of your choice. Book your hotel accommodations. Follow your preferences for reservations for trains, aeroplanes or private motors.

You leave an American Express office, assured of effortless travel. Wherever you go, whatever conveyance you use, you will always be an expected guest.

## AMERICAN EXPRESS

*America's Foremost Travel Organization*

65 Broadway, WHitehall 4-2000 . . . 605 Fifth Avenue, Wickersham 2-7300 . . . 150 West 41st Street, PENnsylvania 6-8582 . . . 896 Broad St., Newark, N. J., MArkets 2-1446 . . . Atlanta, 82 Broad Street, N. W. . . . Baltimore, 213 No. Charles St. . . . Boston, 378 Boylston St. . . . Buffalo, (Hotel Statler Bldg.), 162 Franklin St. . . . Cleveland, 1426 Euclid Ave. (Hanna Bldg.) . . . Philadelphia, 1535 Chestnut St. . . . Pittsburgh, 434 Seventh Ave. (Kopper's Bldg.) Washington, 1414 "F" St., N. W. (Willard Hotel Bldg.).

*Ask your local Travel Agent for American Express Travel Service*

**TRAVELERS CHEQUES . . .** For the safety of your travel funds; as a convenience in countries where exchange regulations prevail; as a readily spendable currency, known and honored by all nations, carry AMERICAN EXPRESS TRAVELERS CHEQUES.

## SCOTS WHA HAE

(CONTINUED FROM PAGE 68)

Progress" really gives a wrong impression. "A beautiful day, ma'am. Wunnerful blessed in weather ye are. Let me open yer umbrella for ye, ma'am!"

EMPIRE EXHIBITION—1938

And if you haven't already thought of a hundred reasons for going to Scotland, here's one more . . . the Empire Exhibition which will transform Bellahouston Park in Glasgow into a magic city of towers, pavilions, and fantastic lights (from May until October). I imagine nothing has set Scotch tongues

a-burring so much since the Loch Ness monster was last seen.

There will be pavilions for Canada, Australia, New Zealand, South Africa, and the colonies and all of England's industries will parade their wealth and science in a host of buildings that will cover more than 170 acres. I also understand that in addition to Scotland's own pavilion there will be a highland village complete from mountain burn to loch. In short, a trip to the Exhibition will be very much like a concentrated tour of all the countries in the entire British Empire.

## A WINE-PARTY

By

Baron John Melville

THE basic idea of a *Wine-Party* is to serve wines, including Champagne, instead of cocktails. The cocktail-party has been with us for quite some time now as a mode of entertaining and it is about time that a new and successful rival made its appearance.

What then are the main features of wine-parties and what makes them so intriguing, outside of the mere novelty? The first question will be answered here, while the second one can best be answered by those who have attended them or will have tried them out after having read this article.

At a wine-party a *choice* of from three to twelve different wines is offered to the guests, depending on the simplicity or elaborateness of the party. These wines fall into three separate groups: Champagne and other sparkling wines, dry white still wines and fortified wines, or aperitifs. To accommodate these, three buffet tables are set up in the largest of the available rooms, each table devoted to one of the three groups of wines. Red table wines such as Clarets and Red Burgundies are naturally omitted as they are out of place at a function such as this.

### THE CHAMPAGNE TABLE

The center table should feature *Champagne* and be the largest, as it most likely will prove to be the most popular one. One Champagne is sufficient but there might very well be a choice of two, one quite dry and the other on the sweeter side. They are served iced and it is a good as well as a picturesque idea to chill them right on the table in ice-buckets. One bottle of each type should be prominently displayed to acquaint the guests with the name of the wine being served. The butler directs operations from behind the Champagne table and it is up to him to enquire whether one prefers a dry or semi-dry Champagne.

There are numerous French Champagnes on the market, which are excellent, and there are a few American Champagnes, which are very good indeed. Carbonated wines should be avoided, as they do not compare in taste and finesse with the real thing.

An exotic imported Champagne is the so-called *Rosé*, which is rather rare and has found quite a few devotees. Champagne, however, is not the only sparkling wine in existence to

grace the center table. For those who should want to offer a different or wider choice, there are always such delightful wines as *Sparkling Vouvray* and its cousin from the valley of the Loire, *Sparkling Saumur*, both available in the dryer as well as in the sweeter types. Then there are the *Sparkling Burgundies*, both French and American, so much admired by the latter and deplored by the former, which come not only in red, but in white as well and in pink, also called *rosé* or, more dramatically, *oeuil de perdrix*, after the colour of the partridge's eye. (An all-rose selection would consist of a choice between a *Champagne Rosé* and a *Bourgogne Mousseux Rosé*, an effective if somewhat feminine combination.) Germany has its *Sekt*, its Sparkling Hocks and Moselles, and Italy is proud of its Sparkling Wines of Asti, Canelli and elsewhere. *Asti Spumante*, a kind of Sparkling Muscatel and very sweet, is easily the most famous. Any one of these wines can be selected as a second or third choice to the Champagne, or can, if necessary, occupy the center place of honour in its own right.

So far we have been concerned with the center table only. The other two were reserved for the so-called still or non-sparkling wines, one for dry white wines and the other for fortified or aperitif wines.

### STILL WHITE WINES

Dry white wines have become more and more popular in France with the *goutre* and before the meal. They are light, refreshing, stimulating and there is an astonishing variety of them. Such wines are exceptionally appropriate for a wine-party. One of the most charming of all is that still white wine made from Champagne grapes in the Champagne region. This wine used to be called *Champagne Nature* or natural Champagne, until this was forbidden by law, at least in this country, and the word Champagne restricted to the sparkling variety only. They go now by various names but in referring to them, Still Champagne, though not strictly legal, is easily the most useful term. When found, they are a delightful surprise, to the taste as well as to the pocketbook. They come in Champagne-like bottles, taste like Champagne (always minus the

(Continued on page 84)

## HOUSE &amp; GARDEN'S BOOK SHELF

PORTRAITS OF DOGWOODS. By Adolph Müller. Published by the Author, at Norristown, Pa.

This pamphlet of exquisitely printed photographic pictures in color presents the "portraits" of some twenty or more examples of the Flowering Dogwood (*Cornus florida*), as seen in the park areas in and about Valley Forge, Pa., at the season when they are in full bloom. The pictures are accompanied by running comments by Mr. Müller, printed upon the delightfully ornamented pages opposite the colored plates. These pictures, it should be observed, are all of cultivated specimens of the Dogwood, some of them of considerable age and size; and Mr. Müller treats of them enthusiastically as ornamental trees, and tells of the pilgrimage of 623,000 persons to the Valley Forge country in May of 1937, "to see the Dogwoods in bloom". Similar crowds may be counted on for some years to come, and are likely to seize the opportunity thus offered them to carry away such a substantial souvenir of their visit.

Mr. Müller is to be congratulated on this convincing presentation of the merits of a native flowering tree. His little book should be of measurable help in spreading the too-belated appreciation of Dogwoods which of late years has become evident in America.

THE PRACTICAL BOOK OF GARDEN STRUCTURE AND DESIGN. By Harold Donaldson Eberlein and Cortlandt Van Dyke Hubbard. Philadelphia, Pa.: J. B. Lippincott Company.

In this truly magnificent example of the book-maker's art, with its royal octavo page and exquisite photogravure illustrations, the two authors, with dauntless courage, make a stalwart gesture toward bringing back the geometric garden designs of the Moors and the Persians, Egypt and ancient Rome, as the *sine qua non* of garden structure in this, our day and generation. In those olden times, the outdoor extensions of paved courts and galleries about the palaces were the "gardens," and were left to the architect, the sculptor, the stone-mason, and the potter to expand into a curiosity of decorative handiwork according to their respective ideas and the tools of their several trades. The more intricate the *ensemble* and the greater the departure from the unadorned spread of the natural landscape thereabout, the more fascinating to the gentry, and the more to be admired. If all these vanished fancies were to become again the prevalent custom, it would mean the disappearance of ninety-nine out of every hundred of the homely gardens we now prize, upon the one ground of impossible costs.

It may be a solace to those who close this absorbing book with a feeling of despair as to the shortcomings of their own flower-bedecked plots that the trenchant pronouncements of the authors in the text are substantially negated by the illustrations so profusely presented to support them. The nearer to our own times is the date of the garden illustrated, the farther its design

and structure from the ancient fashions and practices of the primitive times they represent. And not the least of these is the charming view in the New Hampshire garden of Nancy Morrison Holland Hubbard, reproduced on the Dedication page, with its rolling meadow structure and faultless landscaping; its arbor with ample vista to contrast with the Roses and Delphiniums; the accented stepping stones leading to the seats whence one may study the art displayed in the section one is leaving, hinted by the placing of the bird-bath.

It is unfortunately true that any one who writes a book is by that act established in a fortress beyond reach of retaliation. But it is also true that outside of every fortress is a very large wide-open world, with practically unlimited horizons. It is out here, beyond the prisoning walls, that the existing 220,000 gardens of the American Garden Clubs have been constructed on the premise that the foundation of the garden is the lawn; and that the garden itself is "a place set apart for the cultivation of flowers," as the dictionary says it is. The repeated disclaimer of our authors that they have aught to do with floriculture may be true enough within the walls they have erected; it isn't true anywhere else. It seems sadly evident that this impressive historical record of the steps by which the garden has escaped from its shackled childhood is doomed to pass into oblivion with the first appearance of the 1938 seedsmen's catalogs.

R. F.

AMERICA'S COOK BOOK. Compiled by the Home Institute of the New York Herald Tribune. New York: Charles Scribner's Sons.

Here is a veritable paradise of cooking and home economics information. Harassed housewives will no longer need to pore through boxloads of clippings in search of that vaguely remembered recipe for Cranberry Sherbet. It and everything else that you or any one else ever heard of in the way of American Food is sure to be represented somewhere within the one thousand and six pages of this book. I didn't find a recipe for "Un Poulet en Demi-deuil" nor directions for making a pretty little "Pâté de Pintade" but that was just an oversight, I'm sure, for the book also contains a goodly supply of intriguing recipes from many countries. If you want to become very Basic and Fundamental in your cooking, by all means read the book from cover to cover. It will not be exactly thrill-making reading but you will certainly know your Carbohydrates and Vitamins next time you see them, and you will know all about what to do with Canned Foods and Frozen Foods and Dried Foods, and how to set your table and seat your guests and arrange your centerpieces and how to use your filet lace cloth and the intimate characteristics of cream puffs and éclairs and "what have you?" In other words, it has an answer to every question, and a good answer, I'm sure.

JUNE PLATT.



"I've never enjoyed a cruise so much..."



You'll hear it often as your spotless, turbo-electric liner especially built for tropical service heads for the blue Caribbean... You'll hear it repeatedly as you play—rest—tan in the sun on broad sports decks, and regally dine in spacious salons. You'll hear it from the smart, travel-wise shipmates who share your pleasure and your company in the gay, informal shipboard life... or ashore in fascinating tropical ports. And you will become aware that your own personal pattern for a perfected cruise has been more than matched by the Great White Fleet.



Guest Cruises from New York to the  
**WEST INDIES**  
and the **CARIBBEAN**

• **EVERY WEDNESDAY** to Puerto Colombia (Barranquilla), Cartagena, and Santa Marta in Colombia, South America, with 2 calls at Kingston, Jamaica, B.W.I. **14 Days . . \$185 up.**

• **EVERY SATURDAY** to colorful Costa Rica, including two calls at gay Havana and the Panama Canal Zone. **15 Days . . \$210 up.**

Orchestras, sound movies, Outdoor swimming pools. All outside staterooms, mechanical ventilation.

Also weekly cruises from Philadelphia to Guatemala—19 days \$255. Other Cruises weekly from New Orleans.

**Great White Fleet**

Apply any Authorized Travel Agent or **UNITED FRUIT COMPANY**, Pier 3, N. R., or 632 Fifth Ave., New York; 111 W. Washington St., Chicago; 321 St. Charles St., New Orleans; Pier 9, North Wharves, Philadelphia; 101 Tremont St., Boston.



**S**OUTH AFRICA has been aptly called "the most interesting travel land in the world" . . . Its startling variety of sights and scenes makes a tour in this "Sunny Sub-Continent" an unforgettable adventure.

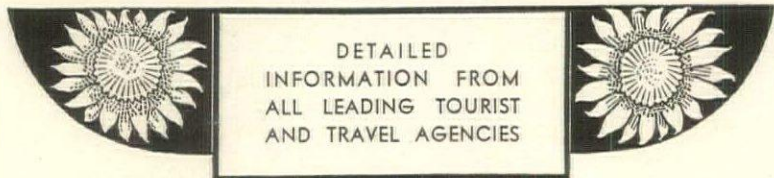
From peaceful countryside, or modern cities and

charming seaside resorts, you can easily travel to the great game reserves of Kruger Park or Zululand, to matchless Victoria Falls, to the famous gold mines of Johannesburg, the Kimberley diamond mines, and other wonderful sights.

This year visit

# SOUTH AFRICA

The World's "Most Interesting Travel Land"



DETAILED  
INFORMATION FROM  
ALL LEADING TOURIST  
AND TRAVEL AGENCIES

## World Tours

**\$558.95 UP**  
(Combination of Classes)

Make a list of the places you want to see on your own world tour... then let the "World's Greatest Travel System" show you how it can be done on one inclusive ticket good for two whole years.

**BALI TOUR** goes to Japan, Hong Kong, Manila, Macassar, Bali, Singapore, Ceylon, Mediterranean, England. \$667.25 up

Combination of Classes. Other tours \$558.95 up. Write for folder describing six popular routes. **YOUR TRAVEL AGENT** or **Canadian Pacific**: New York, Chicago, 39 other cities in U. S. and Canada.

**Canadian Pacific**

## NOW IS THE TIME TO SEE EGYPT

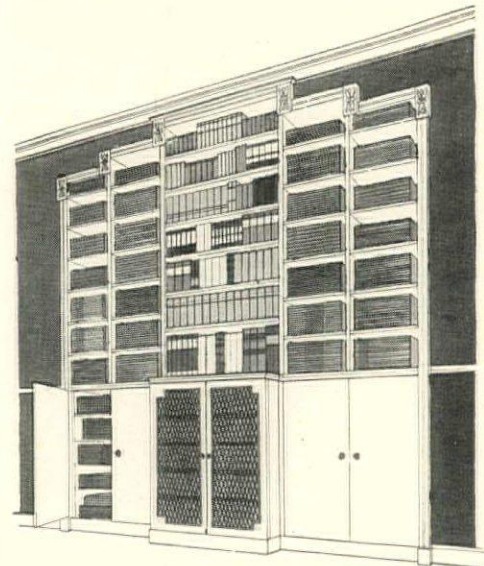
Costs are lower than ever for recreation, hotels and pensions, trips to the Pyramids, the Sphinx, the glories of the Nile... Enjoy swimming, tennis, golf, motoring, in radiant sunshine... Also famous orchestras, grand opera, brilliant night life... all inexpensively!

### BEAUTIFUL FREE LITERATURE

and official listings of travel and living costs in Egypt from your local Travel Agent.



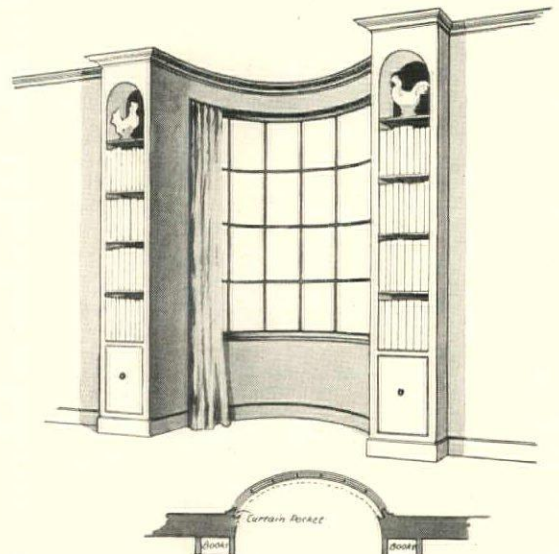
... or address  
**HAMILTON M. WRIGHT**  
American Representative  
The Egyptian State Tourist Dept.  
30 Rockefeller Plaza, New York



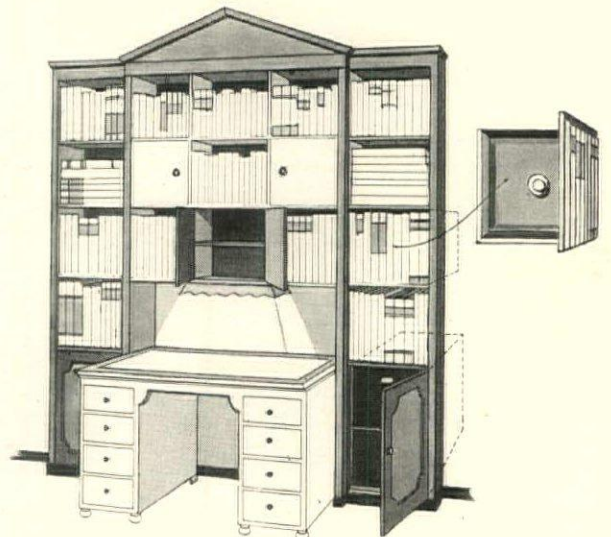
### BOOKSHELF DESIGNS

(CONTINUED FROM PAGE 67)

For those who keep unbound magazines from year to year we present this conception of a combined magazine and book case. The width and height of the magazine compartments which flank the central book unit, conveniently house a year's issue of an average sized periodical. Behind the central pair of doors with wired panels, may be visibly kept the magazines of larger size.



BOOKCASE niches may accent the interest of a bay window in such a manner as this. There is practically no loss of usable floor space, but a decided gain in the number of books which may be housed. The wooden doors beneath the niches serve two purposes—permitting the exposed shelves to start at the line of the bay sill and concealing shabby or infrequently used books.



As a frame for a study desk this bookcase is as practical as it is decorative. Here within easy reach, can be kept the books and materials used for reference. The solid doors shown at the bottom of the side sections cover standard size file drawers. Another practical feature is a wall safe for valuable papers which is concealed very convincingly behind a row of dummy books.

## OUTSTANDING NEW PERENNIALS

(CONTINUED FROM PAGE 39)

that leaves little indeed to be desired.

Another perennial that I am personally very enthusiastic about is the new *Hemerocallis Hyperion*. The broad, overlapping and gracefully curved petals give a much more substantial and Lily-like effect than that of most Day-lilies, and the pale citron yellow flowers, on 2½' to 3' stems, are thrown up in almost incredible numbers over a very long season. My own plants, placed where the early morning sun strikes the flowers, were a joy for many weeks. While *Hyperion* is not brand new it has not yet become widely known. I consider it one of the most satisfactory all-round perennials I have grown.

Other excellent Daylilies, from the leading hybridists of this excellent garden flower which is now beginning to come into its own, are Mrs. W. H. Wyman, very late, Lemona, Bay State, Cinnabar and Vesta; also Margaret Perry, extremely tall and hence fine for the back of wide borders.

Another out-of-the-ordinary perennial that is now attracting a good deal of attention is a "hardy" *Fuchsia*, *Fuchsia magellanica*. This small subshrub, producing clusters of ruby red pendant "eardrops" all Summer long, makes an excellent plant for the rock garden, as well as in the border, and does well in part shade, though it does not require it. Reports as to its hardiness are somewhat conflicting, but it has come safely through several Winters at the New York Botanical Garden. Even where it may require careful protection, its individuality and beauty make it well worth growing.

Often when we go searching for new flowers for the hardy border the early Spring picture is overlooked. For one thing, garden "visiting days", which now accomplish so much in the way of spreading knowledge of the newer varieties, are usually not arranged until later in the season.

### FOR THE SPRING BORDER

At least half-a-dozen new or recent introductions are available for stepping up the Spring border that has been allowed to get into a rut.

Most striking of these, perhaps (though of course not the earliest to bloom), is a new Giant Hybrid strain of *Aquilegia*. Its flowers, of the popular Scott Elliott type, are of unusual size and substance. Smaller flowered, but worth a place in every garden, is the named variety *Crimson Star*, an R.H.S. Award of Merit winner. For those seeking something really distinctive and charming for flower arrangements there is *A. longissima*, a two-toned yellow with delicate spurs nearly four inches long. This is another R.H.S. award winner. Native of California, it is not too hardy, but has proved satisfactory in many sections and is well worth extra care and protection in others.

In *Forget-me-nots*, *Pink Beauty*, a pink flowered form of *Myosotis palustris*, gives promise of making a place for itself. *Carmine King* (an *alpestris* sort) has shown up less favorably in trials as it fades out. *Ingrid*, described as an *oblongata* form, was the only perennial given recommendation in this year's All America Selection trials.

Those who have grown the cheerful

little Siberian Wallflower, with its late Spring and early Summer fragrant flowers of brilliant golden orange, will be delighted with the improved *Golden Bedder*, a more branched and compact growing improved form. For those who are not familiar with this colorful plant, it is suggested that it be grown as a fall-sown biennial, as it usually blooms itself out of existence.

*Arabis* of course belongs in every Spring garden. Less weedy and spreading than the type is the new variety *Snow Cap*, making neat little mounds of white and therefore to be preferred for the small rock garden and for rock wall plantings.

One of my favorite Spring flowers is the golden blossomed *Leopard's-bane* or *Doronicum*. Why it is not more generally grown I have never been able to understand. To those who do not know the fine plant, I would suggest a trial of the new variety *Mme. Mason*, which is even more free flowering than the older sorts, and stands hot weather better.

### SUMMER FLOWERS

Passing over the decidedly indistinct border line between Spring and Summer we find a striking new *Pyrethrum* in *Pink Bouquet*, much more compact than the older sorts and so smothered with bloom that it suggests an *Azaleum*. Those who like cut flowers, incidentally, should grow plenty of *Pyrethrum*s, as they last much better than most flowers of this season.

In hardy Poppies there are many thrilling things. The comparatively new *Yellow Wonder* or *Amurense* is fairly well known by this time. Those who do not know it should add it to their borders without delay, as its substantial 3" to 4" blooms on tall, wiry stems will prove one of the most showy things in the border or indoors.

In the always delightful and easily grown Iceland Poppies there are several striking new ones. The *Emperor* is the same flame-tangerine in color that made *El Monte* famous, but with an even more substantial flower. The *Empress* is a soft salmon rose, and *Imperial Jewels Mixture* includes a wide range of colors in the same strong-growing, extra large-flowered type.

The *Oriental Poppy* of late years has increased from a half-dozen old standard varieties to a lengthening list of new ones that it is hard to keep track of. One of the most important from the gardener's point of view is a new addition to the Perry family, *Thora Perry*, a dwarf, pure white, suitable for the front of the border. *Purity* is a soft pink self, without the usual dark spots. *Cavalier*, a crinkled deep scarlet, is Dr. Neeley's latest contribution; and *Mrs. Ballego* is a massive salmon pink from Europe.


Blue flowers are not plentiful in Summer, so three that bring more of this color to the border are all of interest. They are *Dianthus New Blue*; *Veronica Blue Spire*, a cross between *longifolia subsessilis* and *spicata*, with the bushier growth and earlier flowering of the latter; and *Lavendula Twickle's Purple*, such a decided improvement as to receive a R.H.S. Certificate of Merit.

Of Summer flowers for cutting one  
(Continued on page 76)


Presenting

# ROME GLORY

the greatest of all  
red roses



Plant Pat. applied for



SELECTED to memorialize the third millennium of the founding of Rome, the Eternal City, *Rome Glory* is undoubtedly the finest red rose yet produced. Its heavy crimson bud evolves into large, very double blooms of superb form. Open blossoms have been likened to greenhouse grown American Beauties. Flowers are long lasting, ideal for cutting, long stems. Perfumed, robust and hardy.

### A new rose of outstanding merit ALICE HARDING

(Plant Pat. 202). The masterpiece of a great French hybridizer and incontestably the "Number One" exhibition Yellow Rose of the day. Yet an ideal garden rose with handsome plant and abundance of flowers. Color a rich golden yellow, uniform and without shading. Exhilarating perfume. A rose to delight garden lovers.

**JEAN COTE** (Plant Pat. applied for). Named for Jean Cote of Lyons, France, a great patron of the Rose. An opulent and fragrant rose of orange scarlet, with an overcast of light carmel toward the petal ends. Plant of medium height and branching. A profuse bloomer. When planted in groups literally blankets the ground. Large glossy foliage. A novelty greatly admired by all who see it.

### DOUBLOONS—A Golden Climber

(Plant Pat. 152). Here at last is a really great yellow climber. Just what rose lovers have desired for years. Its clusters of large, golden, fragrant blossoms fairly cover the plant. Vigorous grower. Perfectly hardy. Winner of Furstenberger Award, highest gift of the American Rose Society. Certain to glorify your garden for a long blooming season.

Sold by Nurserymen, Florists, Seedsmen and Dealers Everywhere. Also available in "Fertil-Potted."



SEND FOR NEW BOOK  
FREE

"All about the New Roses"—1938 Edition. Sketches, charts and experts' advice insure success with roses. 26 Roses in full color.

## JACKSON & PERKINS COMPANY

Hybridizers and Distributors of New Roses and Plant Specialties

Department HG28, NEWARK, NEW YORK STATE

## THE NEW ROSE SENSATION R.M.S. QUEEN MARY



For 1938 our Novelty Rose is R.M.S. Queen Mary. We feel that this is the finest rose we have ever distributed. The color is a wonderful combination of vivid shades; a rich, glowing, blending of salmon and pink with an orange base, that lights up beautifully under artificial light. The buds are long and pointed, the flowers are of large size and perfect form. The plant is a lusty grower and every stem produces a bud.

Six gold medals and numerous certificates testify to its merit, it is truly the rose magnificent.

**Healthy Plants that will flower this season \$2 ea.  
Three plants for \$5**

### A NEW DOUBLE FLOWERED WHITE PETUNIA MRS. W. K. DUPONT

The finest, largest and whitest double-flowering Petunia introduced to date. It is a wonderful grower and delightfully fragrant. Available in plants only. Efforts to produce it from seed have so far been unavailing.

**Plants \$1 each—\$9 per dozen**

We also feature many novelties in Hardy Plants as well as a complete list of the finest in roses, delphinium and chrysanthemum. Why not write us?

*Totty's*

CHAS. H. TOTTY

BOX G  
MADISON, NEW JERSEY

SERVING GARDENERS FOR THIRTY-FOUR YEARS

## OUTSTANDING NEW PERENNIALS

(CONTINUED FROM PAGE 75)

can never have too many. Gaillardia Sun God Improved is not only a better flower but a stronger grower than the original form, a golden self. Mr. Sherbrook is another fine yellow, decidedly a stronger grower, so far as my observation goes, than the original Sun God. Ruby is a new real red.

The Coreopsis, too, has been again improved, with Golden Giant and Gold Crown even better than Mayfield Giant. Anthemis Moonlight brings us a more pleasing color in this old favorite. *Saponaria officinalis* Double Pink makes a decided improvement in this long-seasoned oldtimer—one of those plants that never needs any coddling. Double White shows up less favorably in the trials—rather messy looking.

The Shasta Daisy (*Chrysanthemum maximum*) has acquired new popularity in the last three years. The distinct and delightful frilled semi-double Chifon is a "must" for every garden where flowers are grown for cutting, and Esther Reed is a full double. New this year are Silver Star, said to be the largest so far developed, and extending the season of bloom well into September; and Dwarf Bouquet, making a neatly rounded plant only 12" to 15" high, thus extending the garden and landscape use of this valuable flower.

Wherever cut flowers are grown, too, there is use for a few plants of the perennial Baby's-breath. With the introduction of Bristol Fairy some years back this modest flower assumed new garden importance. Three very recent additions are *Gypsophila repens bodgeri* and *G. Rosy Veil*, both spreading in habit and long-blooming, and Rosenschleier, a double pink of dwarf habit, flowering until Autumn and hence of distinct value in the border as well as for cutting.

Phlox is of course the most important of all midsummer plants for American gardens, but limited space prevents more than a mere mention here of some of the better newer varieties, which the reader can follow up in the catalogs. A half-dozen to look for are Tigress, unusual orange-scarlet; Augusta, brilliant red; P. D. Williams, peach blossom pink; Daily Sketch, salmon pink; Salmon Glow, a peculiar orangy pink; and Evangeline, an improved Elizabeth Campbell—which is praise enough.

### IN THE AUTUMN GARDEN

With the Autumn garden in mind, the plant explorer will find several new things well worth while.

Those who love the charming Japanese Windflowers or Anemones, but who have been often disappointed in their opening imperfectly as the frost line approaches, will welcome the several earlier flowering sorts now available. New this year is Marie Manchard, a lovely semi-double white, growing 2½' to 3' tall. September Charm, which has already made a place for itself in many gardens, is a silvery pink; and September Sprite is a dainty little pink and rose of *hupensis* type, only 1' high. Margarete is a tall dark rose, a week earlier than the popular Queen Charlotte.

In Heleniums, Clippersfield Orange sets a new standard both in perfection of flower and in color. Peligrina, ex-

tremely late, appeals to me strongly because of its unusual color. The Rudbeckia, too, achieves a new rank as an important garden flower in The King, a noble variety with extra broad petals that stand out straight from the cone instead of having the characteristic reflexed, wilted-looking position of the species.

Physostegia, which attained new recognition with the introduction of that fine variety Vivid, now brings us two new sorts, Summer Glow and Rosy Spire—fine additions to any later Summer border—and excellent for cutting.

### Buddleias AND OTHERS

Those who have enthused over the recently introduced Buddleias Ile de France and Fortune will find a new thrill in a pink sort, to be put out this Spring, called Charming. As with the pink Delphinium, I was skeptical concerning this until I saw it, but the color is good, and it measures up to its name; the spikes, too, are not too fat, but slender and graceful.

Brand new for the hardy border is *Chrysoboltonia pulcherrima* or *Chrysanthemum erubescens*. As free flowering as the hardy Asters, its medium-sized, delicate pink flowers are produced in clusters on wiry stems. Unlike the Asters, however, it is an excellent cut flower; and it gives five to six weeks' of bloom, beginning early in September.

But far more important than all other late season flowers, for the gardener who has not yet added them to his borders, are the recently developed Dwarf Hybrid Asters, and the Korean Hybrid Chrysanthemums. Here indeed are new colors, and old colors in new form, to revolutionize the last weeks of the season's pageantry of bloom; to keep unsullied banners flying to the end, into the very teeth of Winter.

The Asters are important because their dwarf, compact growth makes it possible to use them where the older, tall growing and often weedy types just could not be used. These little fellows make rounded bloom covered mounds 10" to 15" high, that go well in the front of the mixed border, or even in the rock garden.

Victor, blue with a golden center; Lady Henry Maddocks, clear pink; and Nancy, delicate apricot pink, were among the first of this new type. Now the range of colors includes about everything from pure white, through all the lavenders, blues and pinks. Lack of space prevents names and descriptions here, but all the leading catalogs now feature them.

In the taller Asters there are several striking new varieties. Chas. Wilson is still nearer a real red than Red Rover. Col. F. R. Durham and Snowball, the former dark blue and the latter white, are doubles, both flowering for an extra long season. Mount Everest is the best white that I have seen, and, unlike many of the *novi belgi* type, blooms well down to the ground. Dazzler brings a new brilliant rose-red shade; and Mammoth, a semi-double lavender, is said to be the largest flowered of all and good for cutting. If so, it will prove a worthwhile addition indeed.

(Continued on page 78)



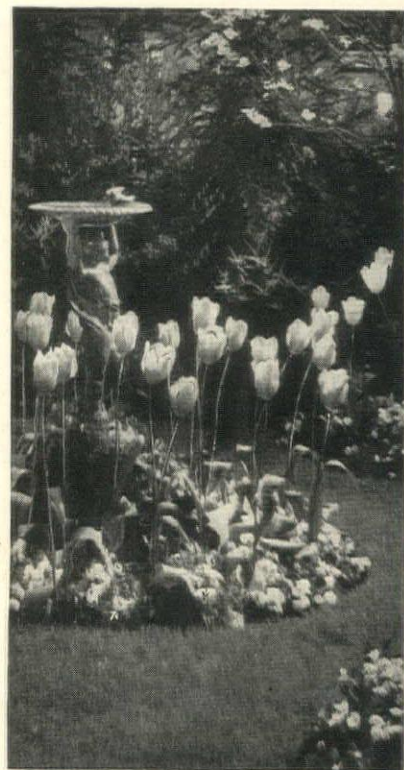
# 25<sup>th</sup> INTERNATIONAL Flower Show



**T**HIS gala twenty-fifth anniversary—March 14 to 19, 1938—is being planned to outdo all of those marvellous displays of the past. It rounds out a quarter-century of horticultural progress, the fruition of years of scientific research and improved methods; the dawn of a new era in gardening and home beautifying.

Twenty-five years ago the show was a thing of rare beauty. Each succeeding offering added much that was cultural and charming; much that made life more worth living. The superb forthcoming Silver Jubilee will display the very newest in the realm of gardening, floral interior decoration, equipment, outdoor furniture. It is a colorful, fragrant presentation which no garden lover within reasonable distance—say, a thousand miles or so—can afford to miss!

*Conducted by the Horticultural Society of New York and The New York Florists' Club with numerous other organizations co-operating.*



March 14-19 · Grand Central Palace · New York

# HILLOCK ROSES

## American Born for American Gardens

All Hillock Roses  
are subjected to a two year test  
under garden conditions throughout the Nation  
before introduction.

**Nellie E. Hillock.** (Plant Patent No. 185.) A majestic bi-colored pink on a gold base, deep rose pink on the reverse, pearl pink to silver pink on the inside of the petals, all colors being enhanced by a shell-like brilliancy.

The blossom, carrying sixty petals, attains great size accompanied by perfect form at every stage of development. Few roses can approach the sheer majesty of this rose at its ultimate.

The foliage is the voluminous, disease-resistant foliage of Golden Dawn, carried in even greater volume, giving to the rose general good health, great vigor, and markedly high productivity.

Buds and blossoms, carrying strong tea fragrance, are well held and longlasting, giving to the rose high value both as a cut flower and as a garden decorative.

No greater rose exists upon the earth.

**Black Knight.** (Plant Patent No. 159.) A deep crimson-maroon that becomes garnet-maroon when the nights are cool. The rose is quite worth while for its remarkable perfume alone. Buds and blossoms are longlasting and appear on long stems, the rose having great value both as a cut flower and in the garden. The petal texture is always velvety, even in extreme heat.

After being given reasonable time to become re-established, the bush is extraordinarily productive of blossoms of rare beauty. A nationwide test under garden conditions proved its superiority within its color range.

**Ireland Hampton.** (Plant Patent No. 194.) A glorified Mme. Edouard Herriott. The color, aside from a gold base, is the flame-pink of Herriott (a progenitor), with a gold and orange suffusion. Buds and blossoms appear on long stems and, unlike Herriott, are well held, giving to the rose high value both as a cut flower and as a garden decorative. The rose carries a delightful fruit fragrance.

Bush and foliage are far removed from the bush and foliage of Herriott. The foliage is disease-resistant and the productive bush is strong and vigorous. It is a rose of rare beauty.

**Gloriana. (To be Patented.)** A yellow rose of a new order. Yellow roses have habitually been regretfully weak. This new departure in yellows, a seedling of Condesa de Sastago, is beautiful no end and as tough as an old boot.

The blossom is shaped like a gardenia or a camellia. It is valuable as a cut flower, being longlasting, well held and rarely beautiful. It is valuable as a garden decorative, being brilliantly yellow even from a distance as with the briars and hybrid-briars.

The bush, upright and rather tall growing, is markedly vigorous and productive, challenging comparison with the pinks and reds rather than with the yellows. The bush is highly resistant to cold. The blossom, despite its yellow coloration, will not burn in heat that will destroy every pink and red blossom in the garden.

When the nights are cool, cerise shadings and tracteries appear to add new glamour to the rose.

### Prices, Distribution, Etc.

Hillock Roses are priced at One Dollar per plant, with ten per cent discount on ten or more plants. We pay express. (Twenty cents additional for packing, etc., when but one plant is ordered.)

Hillock Roses may be secured through your Dealer or from the originator—

**V. S. HILLOCK**  
Arlington, Texas

## OUTSTANDING NEW PERENNIALS

(CONTINUED FROM PAGE 76)

The new but already immense family of Hybrid Korean 'Mums continues to grow at amazing speed. One of the most distinctive of the new sorts is the intriguing little Pygmy Gold, excellent for a mass planting or a late Summer flowering hedge; or even for late color in the large rock garden. Tangerine is a new color, a Chinese red shading to orange. Sequoia, a unique wheat color; Harvester, striking orange scarlet; Vesta, orange with a yellow "eye", and Orange Wonder have been four of the favorites in my own garden, along with the bright Cydonia—the last not a Korean, but going well with them.

Last year one of the star flowers

was the little Urchin, first of Mr. Cumming's new Chrysanthemum Pyrethrum hybrids. Now three more—Mandarin, Caliph and Symphony—have been introduced. The Pyrethrum blood has added a peculiar iridescence to the colors in these flowers, another characteristic of which is the peculiar blending of harmonizing tones.

The growing of Korean Hybrids from seed has become popular with many gardeners. Easily raised, if sown early they will flower the first season. From the surprising range of colors and forms resulting, those which especially appeal to the grower can be saved, and easily propagated from cuttings.

## PLANNING THE ANNUAL BORDER

(CONTINUED FROM PAGE 62)

may be sown directly out-of-doors. These are very useful where they can be grown reasonably free from disease.

**Celosia argentea.** Sow in greenhouse March 14. In both yellow and red varieties. Bushy plants 2½' to 3' high with long lasting plumes of yellow or crimson.

**Cladanthus arabicus (Anthemis arabicus).** Sow in greenhouse March 25. Bushy plants 2' high of compact growth and early in the season covered with golden Daisy-like flowers. Must be replaced in August.

**Cosmos bipinnatus.** Sow in greenhouse March 27. The common Cosmos valued for both foliage effects and flower. Red, pink and white varieties are grown.

**Cosmos sulphureus** var. Orange Flame. Sow in greenhouse March 27. Five feet high and of loose branched habit. Flowers single, brilliant orange, measuring 2" across. Blooms freely all Summer.

**Delphinium ajacis** (Annual Larkspur). Sow May 1 *in situ*. Three feet high and may be had in several colors. Blooms profusely but must be replaced in August.

**Dianthus caryophyllus** (Border Carnations). Sow in greenhouse February 10. Eighteen inches high and free flowering throughout the Summer. Should be pinched freely during the early stages of growth.

**Dianthus chinensis** in several varieties. Sow in greenhouse February 27. Blooms freely and if cut back after the first blooming will flower again later.

**Eschscholtzia californica** in many varieties. Sow May 1 *in situ*. These are the Californian Poppies. They bloom freely early and late but look rather sad during the hottest month of the year.

**Eschscholtzia maritima.** Sow May 1 *in situ*. Perhaps the best of the *Eschscholtzias*. Very distinct with its glaucous blue fine foliage and buttercup yellow flowers each with a small orange eye, but behaves in a similar manner to *Eschscholtzia californica*.

**Euphorbia marginata** (Snow-in-the-Mountain). Sow May 1 *in situ*. Three feet high, well branched with glaucous gray foliage and the bracts heavily margined with white. This plant has a cool appearance and is a good companion for the red scarlet *Celosia*.

**Gilia capitata.** Sow in greenhouse March 20. A fine lavender-blue species which associates well with *Phlox drummondii* var. Chamois Rose. It flowers freely in early Summer but must be replaced later.

**Gomphrena globosa** (Globe Amaranth). Sow in greenhouse March 19. In several color phases, free flowering, well branched plants which remain attractive all Summer.

**Helianthus annuus** (Sunflower). Sow in greenhouse April 22. These may also be sown directly out-of-doors. The most satisfactory varieties are Stella, Primrose Stella, and Stella Hybrids. These are small flowered kinds but they bloom over a much longer period than the large flowering varieties.

**Helichrysum bracteatum** var. *monstrosum* "Golden Ball". Sow in green-

### FREE! A TREASURE BOOK for GARDEN LOVERS

Our new, 1938 Spring Planting Guide—now ready for mailing—will solve many of your problems on "what to plant."

This big, handsome, 24-page book describes and illustrates in full colors a choice selection of Seeds, Bulbs, Hardy Plants and Roses—including many fascinating new varieties like the *Petunia Salmon Supreme*, *Lupins Russell Strain*, *Rose Rome Glory*, and new *Montbretias*.

Write for this valuable FREE Spring Planting Guide TODAY.

**VAN BOURGONDIE  
—BROTHERS—**  
Dept. 44, Babylon, L. I., N. Y.

FROM GROWER DIRECT TO CONSUMER

Tricker's  
Colorful



## WATER LILIES

### Guaranteed to Bloom

No garden is complete without the beauty and fragrance of a Water Lily Pool. Water Lilies are easiest of flowers to grow; no weeding—no watering—no hoeing. Certain to prove a delight for the whole family.

BOOKLET, "How to Build a Pool." Pool building is easy with this complete booklet, 10c.

### Send Today for NEW CATALOG

Illustrated in natural colors. Catalog contains FREE everything you will want to know about a Water Garden. Write today!

Canada 15c  
**W. M. TRICKER INC.**  
Everything for the Water Garden

8207 Brookside Ave. 8225 Rainbow Terrace  
SADDLERIVER, N. J. or INDEPENDENCE, O.

## PLANNING THE ANNUAL BORDER

house March 20. Four to 4½' high, everlasting flowers, bright orange in color, 1½" to 2" across. Must be replaced in early September.

*Hibiscus manihot.* Sow in greenhouse February 13. Four-foot high plants with bold foliage. The leaves lobe into long fingers. The flowers are of immense size, sulphur yellow with a deep maroon eye. A late bloomer.

*Hunnemannia fumariaefolia* (Tulip Poppy). Sow in greenhouse January 25. Handsome plants about 27" high with clear buttercup-yellow flowers with orange colored stamens and glaucous bluish, finely divided foliage. Blooms all summer if the pods are picked off. This species resents root disturbance and should be sown directly in small pots. Or the seeds can be sown directly out-of-doors in late April with excellent results.

*Iberis amara* (Candytuft). Sow May 1 *in situ*. These flower early and if cut back will often flower again but sometimes they die out and require replacing.

*Ipomoea tricolor* var. Heavenly Blue (Morning Glory). Sow in greenhouse April 25. A vine which does well when grown up a pyramid of Pea-stakes. The blue flowers are very attractive.

*Lantana camara.* Cuttings in greenhouse in late January. In various shades of yellow and orange. Very satisfactory plants which bloom freely all summer.

*Lantana sellowiana* (syn. *Lantana delicatissima*). Cuttings in greenhouse in late January. A trailing Lantana with soft lavender flowers. Has a long blooming season.

*Lobelia erinus.* Sow in greenhouse March 15. Several varieties grown. Blooms well early in the season and is later replaced.

*Lobularia maritima* (Sweet Alyssum). Sow May 25 *in situ*. Blooms freely early, is cut back and later blooms again.

*Nicotiana glauca* var. *grandiflora*. Sow in greenhouse March 24. This is the sweet scented Tobacco usually known as *Nicotiana affinis*. You will find it a very satisfactory plant.

*Nicotiana glauca* var. *Sanderae*. Sow in greenhouse March 24. A red flowered Tobacco similar to the above. The variety Crimson King is the best form.

*Nicotiana glauca* var. *sylvestris*. Sow in greenhouse March 24. A handsome Tobacco with bold foliage and long, semi-drooping, tubular flowers borne closely together near the termination of the stems. Blooms freely.

*Nierembergia frutescens.* Sow in greenhouse March 25. Eighteen inches high, of graceful habit, smothered with soft lavender saucer-shaped flowers with a much darker center and with a yellow eye. A very good annual.

*Petunias.* Sow in greenhouse March 19. Many excellent varieties form very satisfactory border plants.

*Phlox drummondii.* Sow May 1 *in situ*. This may be obtained in a variety of colors. All are good and they do much better when sown directly out-of-doors.

*Quamoclit sloteri* (Cardinal Climber). Sow in greenhouse April 25. A vine suitable for growing up Pea-stakes, with neatly divided foliage and bright scarlet tubular flowers. Free bloomer.

*Salvia farinacea.* Sow in greenhouse March 24. A very satisfactory blue flowering annual. The variety known as Blue Bedder is exceptionally good.

*Salvia horminum* var. Bluebird. Sow in greenhouse March 24. A 2' high bushy plant with grayish sage-like foliage and with bright purple leaves terminating each stem. Requires replacing in August.

*Salvia splendens* (Scarlet Sage). Sow in greenhouse March 24. Too well known to require description. Flowers freely throughout the Summer. A purple flowered variety known as Purple King and a pink flowered variety known as Welwyn are both grown. In each case the flowers are inferior to those of the type.

*Scabiosa atropurpurea* (Scabious). Sow May 10 *in situ*. In several color varieties. These are much better when sown directly out-of-doors than when the young plants are raised in the greenhouse.

Stocks. Sow in greenhouse March 24. In several varieties. These flower well early but must be replaced.

*Tagetes erecta* (African Marigold). Sow in greenhouse March 27. Several varieties are grown including the new Crown of Gold which is very early flowering, and also Guinea Gold which is still one of the best.

*Tagetes patula* (French Marigold). Sow in greenhouse March 27. A lower growing Marigold, also in several varieties.

*Tagetes tenuifolia* var. *pumila* (syn. *Tagetes signata* var. *pumila*). Sow in greenhouse March 27. A very low and dense, fine leaved species with brilliant yellow flowers. Passes by in late Au-

(Continued on page 81)



# A GARDEN PROGRAM

that avoids the hackneyed, and is rich with novelty and loveliness.

This season, build your garden around these twelve high light novelties that will be the 1938 "talk of the town." Each one has been long tested for adaptability and perfection of bloom. Inter-mingle them with the ever-loved favorites.

**FAIRY PINK** (Ageratum). A new dwarf variety with unusual characteristics. Plants bloom when only 1½ to 2 inches high and continue growing and blooming until they form a compact mass of salmon-rose-pink blooms. Rarely over 5 inches tall. Pkt. 50c

**ENCHANTRESS** (Crego Aster), wilt-resistant. A real advance in Aster culture. Great fluffy flowers of delicate salmon-rose on long stems. Excellent for cutting. Pkt. 50c

**COMET ILLUSION** (Aster), wilt-resistant. Grows two feet tall, branching from the ground up, each branch tipped with medium-sized, loosely double flower of soft apricot-pink. Each plant resembles a huge bouquet and may be cut off at ground and arranged in a vase. Pkt. 50c

**GOLDEN CROWN** (Calliopsis). A greatly improved Drummondii type. Golden yellow flowers about a third larger than usual, many with two or three rows of petals. Blooms throughout season, right up to frost. Pkt. 35c

**GLORY OF THE DESERT** (Celsia). A Max Schling novelty resembling *Verbascum*. Grows 2 feet tall, carrying long spikes of pale yellow florets showing a touch of brown on lower part of upper petals. As a cut flower the spikes last a long time because bottom florets are first to open. Pkt. 35c

**FIREFLY** (Cuphea). Brand new and spectacular. A compact 10 inch high plant, carries so many small fiery cerise flowers that it looks like a ball of fire. A gem for the rockery or as a brilliant edging for a border. Excellent pot plant. Pkt. 35c

**GIANT PACIFIC HYBRIDS** (Delphinium). A new strain that tops all of the others. Plants very tall with unusually well-formed spikes. Florets 2½ to 3 inches in diameter in splendid range of colors. It is the healthiest Delphinium that grows. Colors, Light Blue, Dark Blue, Mixed Blues. Each Pkt. \$1.00

**RUSSELL** (Lupin). The most important contribution to perennials in many years. Colors never seen before in Lupins—pure yellows, oranges, bright crimsons and attractive bicolors. Flower spikes much finer, taller, broader and better furnished with florets. Mixed colors. Trial pkt. 25c. Plants available in the fall.

**POMPON LEMON YELLOW** (African Marigold). Newcomer in a popular family. Partly quilled pompons about 2 inches across. Its lemon yellow coloring is a pleasing addition to this rich colored variety. 30 inches tall. Branches freely. Pkt. 35c

**SALMON SUPREME** (Petunia). New dwarf bedding strain, rarely growing over 12 inches high and wide, until late. Light salmon flowers (1½ inches across) with white throat and petal edges quite smooth. Blooms freely until frost. Pkt. 35c

**PINK CHARMING** (Buddleia). The first true pink Buddleia that we know of. 10 inch spikes of pink flowers having the tiniest of brown-orange eyes with a lighter zone around each eye. This new variety is more fragrant, branches more freely and produces more flowers than any other of the Buddleias. 3 plants \$2.00

**COMPACTA MYSTIC FLAME** (Salvia Splendens). A compact, dwarf form of Salvia Fireball, inheriting all of the good qualities of its parent in miniature. Bright scarlet flowers appear early and continue without interruption until frost. Pkt. 50c

**COLLECTION** giving variety of novelty bloom from June through October. Eleven pkts., one of each above

(Value \$5.00) **\$4.50** 2 pkts. each \$8.50

**COMPLETE CATALOG** for Spring, 1938, including many novelties found in no other catalog, mailed free with order. Separately, 35c, deductible from first order. If there is a seed variety you have been unable to find elsewhere—write, we probably have it.

# Max Schling

Seeds, Bulbs & Plants for Gardens · Flowers for Every Occasion  
SEED STORE FLOWER SHOP  
MADISON AVE. at 59 ST. 777 FIFTH AVENUE

★ ★ ★ ★ ★ ★ ★ ★ ★ ★

## 2 Star Roses \$1

HALF PRICE OFFER

\* SOEUR THERESE, H.T.  
Daffodil yellow, \$1 ea.

\* CONDESA de SASTAGO, H.T.  
Coppery red & yellow, \$1 ea.

Send \$1 now. Get BOTH these dollar STAR ROSES at HALF PRICE to test in your garden. Everblooming, 2-yr., FIELD-GROWN plants sent post-paid at planting time. Adapted to climate anywhere in United States.

"BEAUTIFY WITH ROSES"  
FREE booklet tells graphically the history, care, and use of roses outdoors and in; how to plan, plant, and care for rose gardens. Send for your copy now.

1938 STAR ROSE CATALOG of 186 best roses, shows in full color our world-famous patented TOM THUMB and 70 others. Your copy free.

THE CONARD-PYLE CO. 1938 Catalog FREE  
Robt. Pyle, Pres.  
West Grove 321, Pa.

GUARANTEED TO BLOOM

1938 SEED ANNUAL free on request

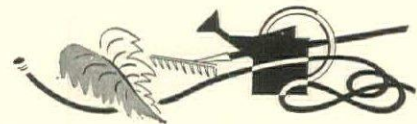
SEED ANNUAL 1938  
FORTIETH EDITION  
Stump & Walter Co.  
NEW YORK CITY

Complete catalog with 20 pages of beautiful color reproductions of rare Seeds, Bulbs and Plants—many introduced by us for the first time.

SEND FOR YOUR COPY TODAY

Stump & Walter Co.  
132-138 Church St., Dept. H, New York

# GARDEN MART



**Burpee's SEED CATALOG**  
We'll send it Free

144 pages, overflowing with actual photos and complete information about every flower and vegetable worth growing—many originated on Burpee's famous Floradale Farms in California and Fordhook Farms in Pennsylvania. Over 100 pictures in natural color. Write today. Send 10c, and we will include a large packet of seeds of Burpee's odorless-foliage Crown of Gold Marigold, the Gold Medal Winner of 1937 (see picture at right).

**Burpee's SEEDS grow**

**W. ATLEE BURPEE CO.**  
620 Burpee Bldg., Philadelphia

Send Burpee's New Seed Catalog free Enclosed is 10c. Send large Pkt. Crown of Gold

Name \_\_\_\_\_  
St. or R. D. \_\_\_\_\_  
P. O. & State \_\_\_\_\_

**MARIGOLDS**  
ODORLESS FOLIAGE

**FERRIS EVERGREENS**

This season, send direct to this 68-year-old nursery, leading evergreen specialists for finest specimens in all varieties. Famous as originators of the Ferris System of root-pruning and transplanting, assuring sturdy evergreens—compact, lovely, easier to grow. All specimens hardy, northern grown. Lowest prices. All sizes—any quantity from one to 10,000—shipped direct from the 600-acre Ferris Nursery.

**LANDSCAPE PLANS**  
The Earl Ferris Landscape Service is free to customers. Write for full particulars.

**BOOK ON EVERGREENS**  
Written by evergreen specialists, gives hundreds of illustrations, suggests planting plans, tells how to grow and best way to buy quality evergreens for every purpose. Sent free. Write today.

**FREE**  
**EARL FERRIS NURSERY**  
545 Bridge St. Hampton, Iowa

**AQUATICS**

**GORGEOUS WATERLILIES EASILY GROWN** in pools or tubs. Our free catalog gives full information. Write for a copy. **THREE SPRINGS FISHERIES**, 821 NORTH MAIN ROAD, LILYPONS, MARYLAND.

**GROUND COVER PLANTS**

**PACHYANDRA TERMINALIS**, the always green ground cover. \$45.00 per 1000; \$7.00 per 100. A. E. WOHLERT, 921 MONTG. AVE., NARBERTH, PA.

**BERRIES**

**GROW YOUR OWN STRAWBERRIES.** Send for Townsend's Free Berry Book giving complete information on growing strawberries and other fruit plants. **TOWNSEND'S NURSERIES**, DEPT. 9, SALISBURY, MD.

**NUT TREES**

**NUT TREES** for Home Grounds. Hardy Northern Strains. J. RUSSELL SMITH, BOX H, SWAITHMORF, PA.

**ORIENTAL POPPIES**

**ORIENTAL POPPIES**—5 gorgeous sorts, named, labeled, postpaid \$1.00. Choice Irises, Daylilies, Peonies. Catalogue. **ARVISTA GARDENS**, BOX 3, BATTLE CREEK, MICHIGAN.

**BOOKS & PERIODICALS**

**320 NATURAL COLOR PHOTOGRAPHS** make "The Garden in Color" the most beautiful garden book of the year. Descriptions and full cultural advice by Louise Beebe Wilder, in a text that parallels the illustrations. Each season pictured & described from the practical gardener's viewpoint. \$7.50 at bookstores or **THE MACMILLAN COMPANY**, 60 5TH AVE., N. Y.

**PEONIES**

**TREE PEONIES**, 50 finest named varieties, blooming size; **Herbaceous Peonies**, 150 best varieties. **OVERLIN PEONY GARDENS**, SINKING SPRING, PA.

**PERENNIALS**

**PERENNIALS & ROCK GARDEN PLANTS.** A most complete assortment of the better varieties for spring delivery. Send for Catalog, free east of the Mississippi River (if west or in Canada send 50 cts.). **ROBBINK & ATKINS**, BOX 6M, RUTHERFORD, NEW JERSEY.

**BULBS**

**ALBAMONT TUBEROUS ROOTED BEGONIAS** Awarded two Silver Medals. For further information write **ALBAMONT GARDENS**, CAMPTON, N. H.

**ROCK GARDEN PLANTS**

**FOR THE DIFFERENT ROCK GARDEN**—Unusual winter-hardy succulents, rare alpine, certain little-known bulbs. Illustrated catalog. **DEPT. H., REX. D. PEARCE**, MERCHANTVILLE, N. J.

**100 GLADIOLUS BULBS**, Medium Blooming Size in 40 gorgeous colors, or 5 large flowering Dahlias, \$1.00 prepaid. Write for list of Choice Gladiolus and Dahlias. **TAYLOR GARDENS**, ROUTE 32, WARE, MASS.

**ROSES**

**NEW CATALOGUE OF ROSES**, Hardy Plants and Flowering Shrubs; many rare and unusual varieties described, pictured, and modestly priced. More than a score of accurate color plates of Roses. Send your request for a copy. To be mailed free east of the Mississippi River (if west or in Canada send 50 cts.). **ROBBINK & ATKINS**, RUTHERFORD 23, NEW JERSEY.

**UNUSUAL BULBS** for summer flowers, Rain Lily, Chlidanthus, Milla, Gloriosa, etc. Unique catalog. **REX. D. PEARCE**, DEPT. H., MERCHANTVILLE, N. J.

**CAMELLIAS**

**CAMELLIA JAPONICAS**, Fine plants for winter blooming in conservatories, also Tea Olives, Azaleas, etc. Write for catalog. **FRUITLAND NURSERIES**, AUGUSTA, GA. P. O. BOX 910-P.

**BRING CHARM AND ENCHANTMENT** to your greenhouse with winter-flowering Camellias of rare beauty. Catalog HG free. **LONGVIEW**, CRICHTON, ALA.

**CHRYSANTHEMUMS**

**NEW KOREAN CHRYSANTHEMUMS**. A new race of ironclad hardiness. A boon to northern gardeners; equally good in the south. Superb pastel shades, unrivalled for cutting or garden display. Blooms extremely frost resistant. 4 named sorts, \$1.00; 10 for \$2.00 postpaid. Catalog free, pronouncing over 1000 hardy plant names. **LAMB NURSERY**, E. 101 SHARP AVE., ROOM 621, SPOKANE, WASHINGTON.

**SEEDS**

**CLIMBING LILY**—Gloriosa Rothschildiana. This rare Lily also an unusual collection of Gladioli, Summer-flowering Bulbs and many other rarities ar found in our 1938 Seed Catalog. Includes a complete collection of Sutton's Seeds in varieties adapted for planting in the United States. Attractively illustrated in colors. **WAYSIDE GARDENS**, 30 MENTOR AVE., MENTOR, OHIO.

**WORLD'S BEST** hardy "Mums". Blueberries, new rare, novel shrubs, trees, plants and fruits. Catalog **THE HILL TOP ORCHARDS & NURSERIES**, M8, HARTFORD, MICHIGAN.

**BOBBINK & ATKINS** Rose and Plant Catalogue presents new and rare Roses, Hardy Plants, Japanese Yew for hedges, and many other garden and landscape necessities. Truthful descriptions; accurate color pictures; modest prices prevail. A copy will be mailed free on request east of the Mississippi River (if west or in Canada, send 50 cts.). **ROBBINK & ATKINS**, RUTHERFORD 23, NEW JERSEY.

**DAHLIAS**

**400 VARIETIES OF DAHLIAS**. Ask for our 1938 book. We grow the best of Honor Rolls and prize winners. State and Federal inspected roots and plants only. **SPRINGHILL DAHLIA FARM**, BOX H, R 2, GRAND RAPIDS, MICHIGAN.

**FINEST NOVELTIES FOR 1938**—Russell Lupines, the sensation of the year, 15 seeds 25c. Beautiful new Chrysanthemum-flowered Marigold (incurved type) mixed, pkt. 10c. These and other new varieties in packets for every purse. Send for free catalog H. **ARTHUR PATKIE, SEEDSMAN**, NEW LENOX, ILLINOIS.

**DAHLIAS**, eight different beautiful varieties, each labelled to name, for only \$1.00, prepaid. Healthy, State-inspected stock. Order today! **KUNZMAN'S DAHLIAS**, NEW ALBANY, IND.

**SEEDS OF UNUSUAL FLOWERS**. My Unique Catalog describes interestingly nearly three thousand rare and distinctive kinds. Gives needs, seasons, heights, uses, etc.; a work of reference. **REX. D. PEARCE**, DEPT. H., MERCHANTVILLE, N. J.

**DELPHINIUM**

**DELPHINIUM**. Mr. Watkin Samuel's famous Wrexham or Hollyhock flowered strain. Seed Personally selected by Mr. Samuel from his prizewinning plants, \$5 per packet of 250 seeds. Strong field-grown plants, \$2 each, \$19 for 10. Though we are exclusively specialists in flowering bulbs, we could not resist the opportunity to offer these choice seeds to our clientele. These are the only seeds we handle. **JOHN SCHEPPERS INC.**, 522 FIFTH AVENUE, NEW YORK CITY.

**OUR 1938 SPRING PLANTING GUIDE** and Flower Catalog is ready for mailing. Seeds, bulbs, roses, hardy plants, unusual novelties—all in gorgeous natural colors. Free. Write Van BOURGONDEN BROS., DEPT. 44, BABYLON, LONG ISLAND, NEW YORK.

**OUR NEW SPRING CATALOG ON PERENNIALS** will be ready by February 20th. Let us put your name on our mailing list for a copy. **PITZONKA'S PANSY FARM**, BRISTOL, PENNSYLVANIA.

**EVERGREENS & HEDGE PLANTS**

**KELSEY BERRYBUSH YEW**—A dark green evergreen, rather dwarf, bushy. Covered with brilliant red berries in autumn, 2 1/4-inch pots (small) 10 for \$3.50. 18 to 24 inch (B & B) 1 for \$3.50. **KELSEY NURSERY SERVICE**, 50 CHURCH ST., NEW YORK, N. Y.

**TREES AND SHRUBS**

**SMALL TREES AND SHRUBS**. From seedlings to large transplanted sizes—priced from one-half cent each up. Write for most complete list in America free. **KELSEY NURSERY SERVICE**, 50 CHURCH ST., N. Y. C.

**ENGLISH BOX**, Sixty clumps, 2 to 3 feet in diameter, 20 to 24 inches high, excellent condition. **P. D. BREWSTER**, HOLMDEL, N. J. (NEAR RED BANK), PHONE HOLMDEL 164.

**TOOLS**

**GARDEN TOOLS** of exceptional merit. 96-page catalog free. **A. M. LEONARD & SON**, PIQUA, OHIO.

**THE BEST IN NATIVE NURSERY GROWN** Rhododendrons, Kalmia Azaleas and Pieris. **LA BARS RHODODENDRON NURSERY**, STROUDSBURG, PA.

**VINES**

**RARE WISTARIA**—A 16-page illustrated monograph describing twenty varieties in lavender, violet, pink, red and white. Flower clusters up to four feet long; cultural directions and method for the premature production of flowers. **A. E. WOHLERT**, 921 MONTGOMERY AVE., NARBERTH, PENNSYLVANIA.

**HEDGE PLANTS**, Dwarf and tall. Send for list. **HIGHMEAD NURSERY**, IPSWICH, MASSACHUSETTS.

**UNUSUAL CLEMATIS**—Large and small flowering—26 varieties. **A. E. WOHLERT**, 921 MONTGOMERY AVE., NARBERTH, PENNSYLVANIA.

**FLOWERING TREES**

**JAPANESE ROSEFLOWERING AND WEEPING** Cherries, Flowering Crabs and Magnolias—the finest collection in America. Send for free list. **A. E. WOHLERT**, 921 MONTG. AVE., NARBERTH, PA.

**WATER PLANTS**

**WATERLILIES IN NATURE'S RARE COLORS**.—Yellow, pink, blue, white—can be grown easily in pool or tub. Full information, with color pictures of many sorts given in our free catalog. **THREE SPRINGS FISHERIES**, 821 NORTH MAIN ROAD, LILYPONS, MARYLAND.

**KEEP YOUR GROUNDS IN IDEAL CONDITION**

**THE YEAR AROUND WITH THE IDEAL Caretaker**

**SNOW SWEEPING** **SWEEPING LEAVES** **MOWING** **ROLLING**

A Power Lawn Mower, a Power Sweeper, a Power Roller all in one convertible combination—the *Ideal Caretaker*. A machine that marks the most practical development in lawn care equipment since the invention of the power mower.

The *mower* assembly embodies advantages found in no other mower. Full-floating, power-driven cutting unit with 8" reel. Will trim close around flower beds, drives, etc., and will handle a wide variety of mowing conditions with maximum efficiency.

The *sweeper* assembly offers an efficient method of windrowing leaves in the fall, sweeping dead grass and debris from lawns in the spring, sweeping snow from walks, driveways, platforms and skating rinks in the winter.

It takes less than 30 minutes to convert the "Caretaker" from a power mower to a power sweeper or vice versa—and the power unit will haul lawn roller, spiker, etc. Truly an implement of practical, year-around utility.

The *roller and spiker* combinations solve an important part of the lawn-conditioning problems from early spring to late fall.

Mail the coupon below for illustrated catalog, or at your request, our nearest representative will call.

**IDEAL POWER LAWN MOWER COMPANY**  
446 Kalamazoo Street, Lansing, Mich.  
New York Branch:  
12 Harrison St., New Rochelle, N. Y.  
Canadian Distributors:  
Alkenhead Hardware, Ltd.  
17 Temperance St., Toronto, Ont.

Ideal Power Lawn Mower Co., Lansing, Mich.

Gentlemen:

Please send Ideal Caretaker Catalog

Please have your representative call

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

**MAIL THE COUPON FOR ILLUSTRATED CATALOG OF IDEAL EQUIPMENT**

**Floral Sensation of the Age!**  
**RUSSELL LUPINS**  
 WINNER OF THE GOLD MEDAL OF THE  
 ROYAL HORTICULTURAL SOCIETY IN 1937  
 Now offered for the first time!



EXTRAORDINARY colors and color combinations never before seen—every color and bicolors indescribable in their variety and beauty! Sizes never before seen. Great flower spikes 3 feet high, and five inches in diameter, 15 inches in circumference, on strong stems 4 to 5 feet tall. The blooms closely set forming a luxurious, compact mass of gorgeous color from top to bottom. No wonder Russell Lupins are called miracle flowers—and amazed and delighted private and professional growers in England.

Offers were made by enthusiastic observers as high as \$250 for a single plant. A dollar a seed was offered but none sold. Now the seeds may be had for a comparative trifle. The first time they have been offered.

Robust perennial, long lived, adapted to any soil anywhere, require little care. The outstanding seed novelty of the year.

Packets of 12 seeds, 25 cts., 50 seeds, 65 cts., 120 seeds, \$1.25, 250 seeds, \$2.50.

**WARNING!** To obtain genuine Russell Lupins be sure to purchase only seeds in the growers' original colored, sealed packets, containing the simple cultural directions and seeds of the originator.

**Edward C. Vick**

Representative for United States  
 205 ELWOOD AVE., NEWARK, NEW JERSEY

A patch of earth not over-large,  
 Which I may stud with flowers—  
 'Tis all I pray to keep me gay  
 And while away the hours.



**A patch can be  
 a paradise**

YES, your garden can be a spot of beauty, a "paradise" of thrills from watching flowers rise to stately beauty, and vegetables ripen to luscious tenderness. Success in growing things is largely a matter of where you buy your seeds, plants, bulbs. Dreer's have a reputation for "that added something" which produces prize-winning results. A century of experience in the selection of true-to-type strains is behind Dreer quality. Yet Dreer prices are extremely reasonable. Get the most out of your 1938 gardening—bigger flowers, richer hues, stronger plants; more succulent vegetables. . . . Get Dreer's for Dependability.

**DREER'S**

"Hundredth Anniversary"  
**GARDEN BOOK**

**FREE** The most fascinating Dreer catalog ever printed! Celebrates a century of horticultural service. Besides a wealth of helpful gardening information, contains list of all standard varieties; many "Anniversary" features, special values, and rare novelties. SEND TODAY.

HENRY A. DREER, 350 Dreer Bldg., Phila., Pa.  
 Please send me your "Hundredth Anniversary" Garden Book—your complete 1938 catalog of Quality Seeds, Plants and Bulbs.

Name .....  
 Address .....

**PLANNING THE ANNUAL BORDER**

(CONTINUED FROM PAGE 79)

gust and must be replaced.

*Tithonia rotundifolia*. Sow in greenhouse March 27. A very vigorous growing annual with handsome lobed foliage and brilliant orange-scarlet flowers which appear late.

*Torenia fournieri*. Sow in greenhouse March 14. A very satisfactory annual with blue flowers. About 18" high.

*Verbena hortensis* (Verbena). Sow in greenhouse February 20. The common garden Verbenas in many colors. Must be sown early for good results.

*Verbena rigida* (syn. *Verbena venosa*). Sow in greenhouse January 20. Both the type with purple flowers and the variety Lilacina with soft lavender

flowers are excellent annuals and bloom profusely throughout the entire season.

*Vinca rosea*. Sow in greenhouse January 20. Is grown in three color varieties and all are splendid. It blooms freely throughout the entire season.

*Zinnia elegans*. Sow May 15 *in situ*. Is grown in many varieties and all make a splendid show. They are much better sown directly out-of-doors than in the greenhouse.

*Zinnia haageana*. Sow May 15 *in situ*. A very distinct Zinnia with narrow small leaves and Marigold-like flowers about one inch across in shades of cream, yellow and bronze. It is a very good and successful plant.

**MERRY MARIGOLDS**

(CONTINUED FROM PAGE 55)

genious grower and a new era for Marigolds has set in. Miracles have been performed and a Marigold show took place in New York last Autumn where some of the bewildering changes that have been brought about in this flower were shown to the many who came to look.

One characteristic that has always until now acted against the popularity of the Marigold, especially as a cut flower, has been its rank smell. "The whole plant," says Gerard, "is of a most rank and unwholesome smell." This objectionable character has now been eliminated from certain varieties, so that we now have Marigolds with wholly odorless stems and foliage. Crown of Gold, appearing last year, was the first of these; this season there are three more—Yellow Crown, King's Ransom and Burpee Gold. These are all descended from the large flowered African type and save for Burpee Gold are known as Crown Marigolds. The flowers of this new type are very large and grow on stems from two to two and a half feet high. The plants are bushy and long flowering.

The shape of the flowers is a departure from the usual. A circle of broad rays, called the collar, surrounds the crown or crest which is composed of many narrow curled and twisted florets rising high in the center. The colors of the Crown Marigolds are yellow, light and deep orange. Showy as they are in the opinion of the writer they are somewhat lumpy in effect

and not so attractive as those known as the Supreme Marigolds. Yellow Supreme seems to me the most lovely of all Marigolds. It has the appearance of a large light yellow Carnation, a mass of loosely assembled petals shaped much like those of a Carnation, the whole at least four inches across and with a pleasing honeylike fragrance. It is a beauty for house decoration. Offered this season is a Supreme Mixture containing flowers of the usual Marigold hues, but with this new and gracious shape.

These African Marigolds of flat, irregular form are not only fine in the garden but a distinct advance in grace when used as cut flowers.

A lady who persists in liking the old Marigold scent is responsible—as she mentioned her preference to the grower—for the new Marigold Golden West, the twin of Burpee Gold in all characters save that the foliage exudes the old Adam. I, too, like this pungent scent and was pleased to find an ancient rhyme to back me up:

"Ye odour of ye Golde is good to smell."

Introduced a few seasons ago with loud acclaim was Dixie Sunshine, rich hued and handsome enough if it could be induced to flower before freezing weather. Not often, however, could this be accomplished, and save in warm localities of the country Dixie Sunshine is of little use. But this year we have Early Sunshine that has all

(Continued on page 82)



*Large-flowering*  
**Clematis**

Colors thrilling in brilliancy; flowers entrancing in beauty and form borne from June to September.



**Lawsoniana**  
 Blue and mauve.  
**Duchess of Edinburgh**  
 Double; pure white.  
**Mme. Edouard Andre**  
 Rich red.



**NEW BOOKLET**  
 with brief history of Clematis, describing and picturing many new varieties, mailed on request. Please ask for Booklet A.

**James I. George & Son**  
 FAIRPORT, NEW JERSEY



**A New, Revised  
 Catalogue of Roses  
 Hardy Perennials  
 and Evergreens**

From this comprehensive collection (fully described and modestly priced in this new edition) you can easily select the plants needed for your garden or estate. A score or more Roses and other flowers are shown in natural colors. A copy will be mailed on request east of the Mississippi River (if west or in Canada send 50 cts.).

**BOBBINK & ATKINS**  
 Rutherford 23, New Jersey



By Appointment

**You  
 are always  
 welcome**

to see

"England's loveliest  
 gardens in the  
 making" at

**THE ROYAL SEED  
 ESTABLISHMENT**

READING · ENGLAND

Sutton's own Testing Grounds, whence so many of England's most famous gardens derive their glory, are waiting here for your inspection. Visit them on your next trip to England. Forty minutes from London.

Meanwhile, write direct for Sutton's beautifully illustrated Amateur's Guide in Horticulture, the finest seed catalogue in the World, containing full particulars of all Sutton's Garden Seeds and descriptions of their Novelties for 1938. From Mr. George H. Penson, Dept. C.3, P.O. Box 646, Glen Head, Long Island, N.Y. 35 cents, postage paid.

Sutton's Seeds are held in stock by:  
**The WAYSIDE GARDENS CO.**  
 Mentor, Ohio

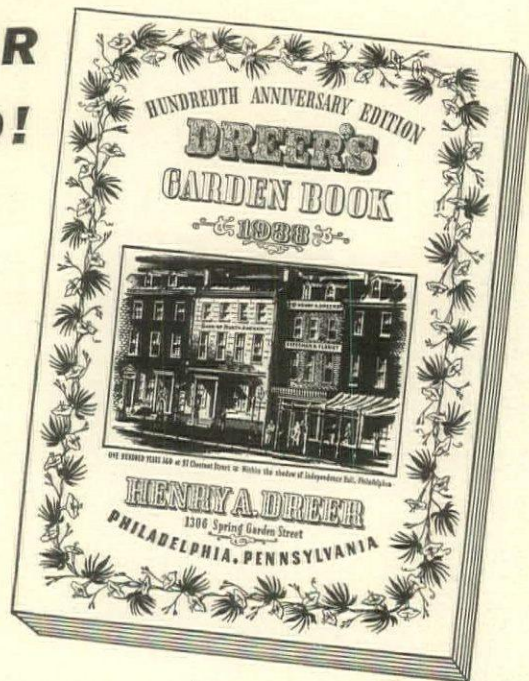
and **R. H. MACY & CO., INC.,**  
 34th Street and Broadway  
 New York City

Or orders may be sent direct to:—



SUTTON & SONS, LTD.  
 Dept. C.3, Reading, England.

# AN EVENT IN THE FLOWER WORLD!



Dreer's Special Anniversary Garden Book is ready! It is a fitting tribute to 100 years of careful, scientific cultivation of fine Seeds, Plants and Bulbs. It is a book every garden enthusiast will want to keep as a permanent record of Dreer's achievements. Send for your FREE copy today.

**HENRY A. DREER**  
340 DREER BLDG. PHILADELPHIA, PA.

## Your Guide to Happy Gardening

### HENDERSON'S CATALOG

will help you plan and plant successfully; and you can grow the seeds, bulbs and plants it offers with absolute confidence that you will get happy results.

WRITE FOR YOUR COPY TODAY!



Zinnia collection  
1 pkt. each of the 8 named varieties  
\$1.00 prepaid

### HENDERSON'S GOLD MEDAL COLLECTION of Giant Double Dahlia Flowered ZINNIAS

The magnificent blossoms, resembling Decorative Dahlias, average 4 inches across. Strong stems make them desirable cut flowers. They are, perhaps the most easily grown annual flower.

- |               |                        |
|---------------|------------------------|
| Buttercup     | Creamy yellow          |
| Dream         | Lavender               |
| Exquisite     | Light Rose             |
| Meteor        | Glowing Red            |
| Oriole        | Orange, Crimson & Gold |
| Polar Bear    | Pure White             |
| Purple Prince | Deep Purple            |
| Scarlet Flame | Fiery Scarlet          |
| Giant Mixed   |                        |

Price 15c per packet.



## MERRY MARIGOLDS

(CONTINUED FROM PAGE 81)

the good qualities of the tardy one but is said to come into bloom about fifteen weeks after sowing. The plants grow about two feet high and bear cheerful lemon-yellow flowers in quick succession.

Guinea Gold is also a lovely variety with loosely assembled petals that rise in a sort of pyramid in the center. It is of a hot tone of reddish orange and makes a good cut flower.

The French Marigold, *Tagetes patula*, of which there are many varieties, is lovely both for home and garden. Offered this season for the first time is a brilliant variety called Flaming Fire. It varies somewhat in color but the handsomest are rich Wall-flower red. This belongs in the tall single class and no flower creates a lovelier show in the garden or for house decoration. It is said to flower in about twelve weeks after sowing. In this class also is Josephine. On long stems are borne single dark red flowers edged with gold—a good cut flower. The plants grow sometimes as tall as three feet.

Among the dwarf French types, those growing about a foot or a little more in height, are both single and double varieties. One of the handsomest of the singles is Fire Cross, bearing single deep orange flowers, each floret splashed and stained with crimson. Among the desirable doubles are Robert Berst, red-brown in color; Royal Scot, striped mahogany and gold flowers; Lemon Ball, very double lemon-yellow blooms; Mahogany, rich brownish red and very double. All these make showy beds or fill spaces in the borders with continuous bloom.

Then there are the very dwarf Lilliput forms, each making a little bouquet in itself and fine for edging beds of gay Summer flowers. They grow no more than six or eight inches tall. They display the usual tones—light and deep yellow, orange, dark brownish red, sometimes with a yellow edge.

One reason for the long popularity of Marigolds has been their extreme ease of culture. Their most peremptory demand may be said to be for plenty of heat and sunshine; they will grow in almost any reasonably fertile soil, and they may be transplanted at almost any stage of their growth, even when in full bloom.

For early bloom they may be started indoors or under glass in March in pans or flats of light soil, the seed planted about 1/16" deep. When two or three leaves have formed they may be shifted to other boxes giving them a little more room, and before planting them out-of-doors in May it is well to harden them off in a coldframe.

On the other hand, sowing may be delayed until settled weather when it may be done in the open ground. As the seedlings appear and begin to develop they may be thinned out, the Africans to about eighteen inches apart, the French to about a foot apart, and the Lilliputs, so popular for edgings, to about six inches apart.

The plants continue to blossom from Midsummer until after several frosts, furnishing the while masses of rich color in the garden and innumerable bouquets for the house and for gifts. They are among the most wholly satisfactory of annual plants. No garden is complete without them.

## COMMENTS OF A PLANTSMAN

By J. J. Grullemans

NEAR our dining room window and along the path which leads to the front door, as well as along the path leading to the garage, three years ago last Fall I made several plantings of *Crocus Sieberi* and *Eranthis hyemalis*; both bloom at the same time. *Crocus Sieberi* is a most pleasing blue and *Eranthis* a brilliant golden yellow. I grouped them in colonies of from 25 to 50 bulbs, rather closely planted together

to obtain masses of colors rather than be conscious of individual flowers. The results were very satisfactory. Everyone who comes to the house and walks by these early Spring blooms in March, which on several occasions were completely covered with snow after they had commenced to bloom, always remarks about the cheerful and gay effect they manage to create.

(Continued on page 83)

**NEW Burpee Gold MARIGOLD**  
Greatest new Marigold in 300 years! Large 3 1/2-in. deep orange flowers like golden carnations, entirely without old-fashioned marigold odor. Blooms early and freely all summer and fall. 2 1/2-ft. plants. Easy to grow. *Everyone will want Burpee Gold this year!* Packet (30 seeds) 10c; 100 seeds 25c; 500 seeds \$1, postpaid. Seed Catalog free—every flower, vegetable worth growing. Low prices.

**SPECIAL 10¢ CATALOG FREE**

W. ATLEE BURPEE CO.  
331 Burpee Building, Philadelphia

**FREE ROSE BOOK**  
42ND EDITION, "ROSES OF NEW CASTLE," printed in exquisite colors, tells how to grow these roses, and many other flowers. Gold mine of information. Beginners ought not be without this book. Low prices. Write for copy. It's **HELLER BROS. CO. FREE**  
Box 227 New Castle, Ind.

**DELPHINIUM**  
Novelties of the Pacific Strain  
... Ask for Catalog  
VETTERLE & REINELT, Capitola, California

**SENSATIONAL 5 ROSES ONLY \$1**

Field Grown—Guaranteed-To-Bloom  
To acquaint you with our remarkable rose values, we will send postpaid for only \$1.00, 1 Anti Quinard, 1 Luxembourg, 1 Red Radiance, 1 Pink Radiance, and 1 Talsman rose bushes. Send today!

NAUGHTON FARMS  
Box R10, Waxahachie, Texas

Learn to be a **LANDSCAPE ARCHITECT**  
FREE full information on how to be a Landscape Architect by easy home study—Uncrowded profession open to men and women. Healthful outdoor work. Opportunities for employment assured. Big fees—up to \$100 per week. Write today for book giving opportunities.  
AMERICAN LANDSCAPE SCHOOL  
628 Plymouth Bldg., Des Moines, Iowa

**PETER HENDERSON & CO.**  
"Everything for the Garden"  
Dept. 36  
35 Cortlandt St., New York, N. Y.

Gentlemen:  
Please send your free 1938 catalog.

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_

## COMMENTS OF A PLANTSMAN

(CONTINUED FROM PAGE 82)

I have finally learned that these very early Spring flowering bulbs should be planted along walks or passages which we use daily in our coming and going, and it's right! No one is tempted to make a trip through the garden during February or early March when these charming Spring flowers are in bloom—at least not in my locality.

## SPECIAL COMBINATIONS

Another combination which works charmingly in woods or in shady places is the grouping together of *Crocus Tomasinianus* and *Galanthus nivalis*, the Common Snowdrop. Seven years ago I made a planting of some *Crocus Tomasinianus* and Snowdrops. The locations in which they were planted were extremely adverse, yet they have multiplied and are absolutely permanent. While the clumps multiply and increase in size each year, the crowding of the many bulbs produces no harmful effects. After all these years they have appeared in constantly increasing masses often during late February, sometimes early March, and a most welcome sight they are. One group is in quite a wet soil and another in a comparatively dry place. They are happy in both locations.

Another favorite of mine is *Muscari azureum*, frequently referred to in Europe as *Hyacinthus azureum*. It closely resembles the blue Grape Hyacinth but is an incomparable if not indescribably beautiful brilliant blue and is so much better than the common Grape Hyacinth. I am making a big planting of it where I can see it from the living room window. It blooms in late March.

And now last but not least! This fall I am planting about 5000 *Chionodoxa Luciliae* in front of the long border of Sir Watkin Daffodils along the driveway. This low-growing, pale blue border of Chionodoxas backed up with a band of yellow Sir Watkins should make a marvelous display. On top of these Chionodoxa bulbs I am going to plant a foot wide row of *Plumbago larpentae*. You know that Plumbago shows its foliage quite late in the spring. This will give the Chionodoxa ample time to mature. This border, then, during the rest of the Summer will have a good green carpet because the foliage of the Plumbago

is handsome, and think what a sight it will be when the glorious peacock-blue Plumbago flowers put in their appearance in late summer!

For several years, now, I've been doing some original experimenting with my rather dry, sandy lawn, and here is what finally developed.

Every Spring when removing the Winter protection from my perennial border, I noticed a tremendous amount of grass coming up, the seed of which was carried in by the stable fertilizer. This covering was always applied late in December or early in January after the ground had become frozen. This abundant growth of my grass in the border made me wonder why I could not get the same results on my lawn.

## A SUCCESSFUL EXPERIMENT

So three years ago we decided to experiment. The results proved so immensely satisfactory that ever since that time we have done all our lawn repair work during the latter part of November and sometimes sowed grass seed as late as the second week in December just before I felt that Winter was going to set in earnest.

We raked the lawn thoroughly and quite vigorously, roughing up particularly the bare spots in the usual way. After that was done the grass seed was sown, and followed immediately with a good heavy application of bone meal. We then went over the lawn once more and raked in the grass seed and bone meal. We put away our tools and looked wise for the rest of the Winter. Rains and snows which followed packed down the ground reasonably well. Two neighbors were much worried about us and I believe they still are.

Early in March the following year before anybody had a chance to do any garden work, our grass seed was coming up and grew splendidly. In April the lawn was rolled in the usual way and by the end of that month we had a magnificent green carpet. Most of our friends had just bought their seed and went through the Spring rush in the same old way.

Now, the trick is to sow your grass seed just before the beginning of Winter. At that time of the year you do not have a great deal to do. In the Spring you lean back and look wise.

The Newest Fashions  
in Garden Flowers



Pat. Reg.

Here are four Wayside merit-proven new Hardy flowers, which we are heartily recommending to you. They are of outstanding quality in every way. Wayside's reputation stands back of them.

- 1. New Giant Columbine**  
Extra large, long spurred flowers. Rich in colors. Robust in growth. Six for \$2.00
- 2. New Hardy Fuchsia**  
Blooms profusely all Summer and Fall. Ruby-red flowers. Thrives in sun or shade. Three for \$1.50
- 3. New Yellow Day Lily**  
Hemerocallis Hyperion. Lovely cit-iron-yellow flowers borne on 40-inch stems. Blooms abundantly in July and August. Each \$1.00
- 4. New Phlox Augusta**  
Fade-proof, sparkling American Beauty red flowers. Persistent bloomer. Grows 2½ feet. Three for \$1.50

## 2 New Catalogs

Unequaled by any in America in number of new things and the finest old ones of Wayside's quality plants and Sutton's unsurpassed seeds. Illustrated in faithful colors. Send for them.

Wayside Gardens  
EXCLUSIVE AGENTS FOR  
Sutton's Seeds

30 Mentor Ave.  
MENTOR, OHIO



### A GARDEN IN ITSELF—3 MONTHS OF GLORIOUS BEAUTY EVERY YEAR!

Sensational new flower novelty, Azaleamum is world's greatest flowering plant! Three vivid new colors, gives an entire garden in itself, with breath-taking beauty for 3 solid months! First year grows bushel-basket size, produces hundreds of big, rich blooms, daily delights you with new-bud color variations—a gorgeous color spectacle! Sheehan, N. H., says: "Exceptionally large, 8 feet around." Bernard, Ill.: "You say 600 flowers. I'll bet there are 1000 on single plant!" Wood, Mich., counted 2,928 blooms on a first-year plant!

### FREE! GARDEN BEAUTY BOOK FREE!

Here are 96 pages showing, describing all latest, best garden novelties, as well as your old favorites. Read and see all about Azaleamum, new Dazzler Carnation, famous Grand Master Gladioli—and see the fine bargains available! Write before supply is exhausted. Use coupon below TODAY!

**BLOOM ½ Actual Size**  
Above bloom is about half actual size. Just imagine each plant covered with these great, rich blooms each year. All Azaleamums are hardy perennials, blossom each year right up until frost!  
**VIVID NEW COLORS!**  
Bronze Beauty, in gleaming bronze shades; Cameo Queen Pink, opens deep orchid, varietal centers; Magic White, one of best flowers we ever saw. A color feast for any garden. Write today for special low prices—get catalog at once!  
**Kellogg's for Quality!**

R. M. KELLOGG CO., Box 1182, THREE RIVERS, MICH.

Send me new 96-page Kellogg Catalog with Azaleamum and other prize novelties.

NAME .....

ADDRESS .....

CITY ..... STATE .....

## Burpee's New "Flaming Fire" MARIGOLD

Created on Burpee's Famous  
Floradale Farms in California

A delightful new flaming red Marigold with unlimited decorative possibilities both in the garden and for flower arrangement. Belonging to the tall single French class, the large 2-inch flowers have fine long stems for cutting, bloom very profusely from early summer till frost. Flaming Fire is a variegation, with its inherited variations in color at different seasons, even in different flowers on the same plant at the same time, from red to many patterns of red and yellow. Its variance in color from day to day resembles the ever-changing glow of a burning log. Packet 25c; ½ oz. 65c; ¼ oz. \$1.25.

Order Direct from this Advertisement

W. Atlee Burpee Co.

621 Burpee Building Philadelphia

Beautiful Lawns  
DON'T JUST HAPPEN

THEY ARE  
PLANNED!

To have a beautiful . . . velvety . . . weed-free lawn this spring is no problem. Write for your copy of **LAWN CARE**. It will guide you in preparing a lawn of lasting beauty . . . Mr. C. J. Hamilton, Society for Savings, Cleveland, says, "Have learned more from 'Lawn Care' than I have absorbed in the previous 50 years." You will find the solution to your problem in "Lawn Care." Send for your copy . . . it's free.

O. M. SCOTT & SONS COMPANY  
16 Main Street • Marysville, Ohio

Scott's  
SCOTT'S SEED makes BEAUTIFUL LAWNS!

# Wohlert's Flowering Trees

America's Finest Collection



- JAPANESE ROSE FLOWERING CHERRIES in 40 varieties
- CHINESE FLOWERING CRABS in 20 varieties
- MAGNOLIAS in 10 varieties and colors
- DOUBLE FLOWERING PEACH, APRICOT AND DOGWOOD

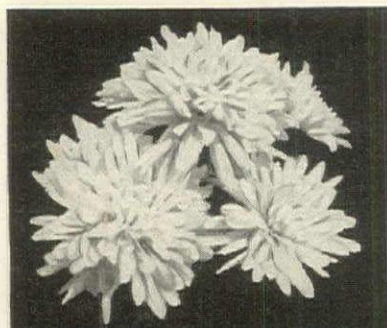
## ORIENTAL WISTARIA

in twenty varieties with flower clusters up to four feet long. A 16-page illustrated monograph free, giving instructions for premature production of flowers and other cultural directions.



A. E. WOHLERT

221 Montgomery Ave., Narberth, Pa.



### New Iridescent Garden CHRYSANTHEMUMS — 1938 BRISTOL INTRODUCTIONS

A rare and lovely blending of color is available in this New Iridescent group. Glowing, lustrous tints, elusive and difficult to describe, will add charm, distinction and novelty to your garden. Growth, vigorous and sturdy, is attractive in itself throughout the entire summer. Better place your reserve order now.

- SYMPHONY**—rosy mauve tints overcast with soft coppery rose—full double flowers with the sheen of a damask silk.
  - MANDARIN**—double flowers of perfect form—a captivating blend of coral, salmon, copper, and rose.
  - CALIPH**—ox-blood red with a rich velvety effect—unusual in its intensity.
- Above varieties in strong, growing plants 75c each, \$7.50 per doz.—1 of each for \$1.90. If West of Mississippi, add 10% for mailing

FREE Beautifully illustrated 1938 catalog which offers two new Physocarpus, The fine Hemerocallis Hyperion, the rare White Liatris, all accurately pictured in color—also other choice things for your garden.

Order Now! FOR LATE SPRING DELIVERY...

**BRISTOL NURSERIES INC.**  
Dept. 22  
BRISTOL, CONN.

## A WINE-PARTY

(CONTINUED FROM PAGE 72)

sparkle) and are quite inexpensive, costing about a dollar a bottle. Paris has gone wild over them, and with good reason. At the same time it has given Champagne shippers an opportunity to market some of their surplus stock of wines, which would otherwise have been made into the regular Sparkling Champagne.

A great favourite among white wines is *Riesling*, the name of a grape which is responsible for most of the German wines. Very cooling and pleasant, *Riesling* is most always dry and comes in those tall, elegant and tapering bottles. It is a fresh tasting, very often flowery and somehow very satisfying wine. When at a wine-party only one dry white wine is offered, *Riesling* is by far the most practical choice, as most every one likes it. There is a great variety of *Rieslings* to choose from. Both California and New York State produce *Rieslings*, some of which are more than just good. Alsace, in France, has *Rieslings* of very high quality and so have Switzerland and Hungary. The most famous of all are supplied by the innumerable Rhine and Moselle wines, most of which are actually made from the *Riesling* grape.

### MORE WHITE WINES

If first and second choice have been given to *Still Champagne* and *Riesling*, there are many other dry white wines, which can grace the white wine table at a wine-party. For those who are partial to the wines of the Loire, there are the *still* white wines of *Anjou* and *Touraine*, in which latter province *Vouvray* is situated. Some of these are semi-sparkling, are then called *pétillant* and tickle the palate agreeably. Traveling upstream on the river Loire, we come to *Pouilly* with its *Pouilly-Fumé*, not to be confused with that other *Pouilly* or *Pouilly-Fuissé* down in Burgundy, so different in bouquet and flavour. Other dry white Burgundies such as the various wines of *Meursault*

and *Montrachet* (the *t* is not pronounced) are more than welcome. So it is with the wines of *Chablis*, especially if they have the name of the vineyard on the label.

Although the white wine table should naturally be restricted to white wines, exceptions can be made for the still *Vins Rosés*. Many of them do not travel so well, so that the choice on this side of the Atlantic is necessarily limited. One can find however such very pleasant and graceful wines as *Arbois Rosé*, *Anjou Rosé*, *Beaujolais Rosé*, *Moulin-à-Vent Rosé*, *Tavel*, and others, no doubt, which make delightful wine-party companions. Both the dry white wines and the *vins rosés* are served chilled though it is a good thing to see that they do not get too cold to enjoy their fresh flavour.

### FORTIFIED WINES

The third and last table is devoted to the stronger wines. Of these, *Sherry* is exceedingly popular and any of the dryer types of *Sherry* will do admirably. Another choice is a dry *Madeira* or *Marsala*. There exists even, though it is quite rare and little known, a dry *Malaga*. Many *Tawny Ports* are semi-dry and there are some which are amazingly dry. French people may like a plain dry *Vermouth*, Italians a sweet *Italian Vermouth* and Spaniards maybe a *Montilla* or *Manzanilla*. It is a fallacy to assume that only dry wines are taken as appetizers. In Europe and elsewhere one finds that sweet fortified wines are very popular at the hour of the *apéritif*. *Apéritif* wines which are great favourites in France as well as over here are *Dubonnet* and *Byrrh* (pronounced B-I-E-R in French); less known but very pleasant also are *Quinquina*, *Cap Corse* and *Banyuls*, the last resembling a rather sweet tawny port. Most of these wines taste best when they are slightly chilled, excepting *Port*, which is simply served at the temperature of the room.

## WARNING! RUSSELL LUPINS

Guaranteed Russell Lupins seed can be obtained only in the growers' original colored packets, sealed with the trade-mark bearing the head of George Russell, the originator. Refuse all other offers.



Russell Lupins packets of 12 seeds 25 cts. 50 seeds 65 cts. 120 seeds \$1.25. 250 seeds \$2.50. Complete illustrated descriptive circulars on request.

EDWARD C. VICK, American Representative  
205 ELWOOD AVENUE • NEWARK, N. J.

## Burpee's GIANT Zinnias

Giant Dahlia-Flowered blooms, 5 inches across—a magnificent selection of more than 15 choice colors, all skillfully blended for a gorgeous array—a large packet of seeds free with Burpee's new Seed Catalog—send 3c for postage. Or, send 25c for 1/8-Oz., postpaid.

W. ATLEE BURPEE CO.  
340 Burpee Bldg., Phila.

The Garden Mart listings will be found on page 80 of this issue

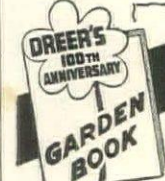
## Good-bye Hot Beds and Cold Frames

### PORTABLE PLANT STARTER

Grows Earlier • Healthier Plants



Now... banish forever the fumes and miasms of hot beds and cold frames. Grow your own vegetable and flower plants from seeds or bulbs with a Keene portable "Plant Starter." Get started weeks earlier... save money... get healthier, sturdier plants. Starter has hot water heat, thermostatically controlled. Made of water-proof "super-board"... light weight... move anywhere. "Lustrax" window glass admits ultra-violet sun rays. 15 DAYS' TRIAL—Money-Back Guarantee. Send \$5 with order... pay balance on delivery. Model 1 (oil or gas) 31"x41" (holds 18 flats) only \$23.95. Model 2 (oil or gas) 31"x57" (holds 30 flats) only \$29.95. Electric models \$2 extra. Keene flats (5 1/2"x18"x2 1/2") 15 cents each. BUILD YOUR OWN—Plans, copper hot water heating system, and heat control, Model 1—only \$9.95; Model 2—only \$12.95. Electric \$2 extra. All prices f.o.b. factory. Order today... avoid delay when rush comes. KEENE MFG. CO., Dept. 698-B, RACINE, WISCONSIN



FREE The finest Dreer catalog ever! Gorgeous new flowers, novelties and all the old favorites; many special "Anniversary" values; helpful hints. Quality Seeds, Bulbs, Plants at reasonable prices. Send for it at once.  
HENRY A. DREER  
331 Dreer Bldg. Phila., Pa.

## Diener's Monster Petunias



Ruffled Monster Petunia (SINGLE)

Grow these everblooming prize winners. Largest and finest Petunias in the world. Special Packet 50c

NEW GIANT DOUBLE EVER-FLOWERING SHASTA DAISY "G. MARCONI" Packet 50c

DIENER'S NEW GERBERA HYBRIDS (Transvaal Daisy) Longer stems, larger flowers, most exquisite colors. All colors mixed, packet 25c; Deep Garnet Red, packet 25c

RAINBOW FRESIA SEED Flowers first year from seed. Packet 35c

DELPHINIUM SULPHUREUM Large yellow, orchid like flowers. Packet 50c

DIENER'S GIANT DOUBLE HYBRID DAHLIAS. Packet 75c

Catalog describing many rare novelties in flowers is free, send for it.

RICHARD DIENER NURSERY  
Oxnard, California

## Burpee's GIANT Zinnias

Dahlia-Flowered—Giant blooms 5 inches across and 2 in. thick on sturdy 3-ft. plants. A favorite color—Scarlet, Lavender, Yellow, Rose—a 15c-Pkt. of seeds each all 4 postpaid for 10c—send dime today. Burpee's Seed Catalog free—144 pages over 100 pictures in natural color—all about Burpee's famous odorless-foliage marigolds, double nasturtiums, etc.—every flower and vegetable worth growing. Guaranteed seeds. Low prices. Catalog FREE

W. ATLEE BURPEE CO.,  
330 Burpee Buildings, Philadelphia

## Vaughan's the Most Beautiful 240 FLOWERS IN COLOR Free!

AND INSTRUCTION BOOK • VAUGHAN'S new garden annual is the world's outstanding seed catalog. Shows 244 different flowers in color—describes 2164 newest varieties of annuals, perennials, roses, water lilies, gladioli, dahlias and all other favorites—many unobtainable elsewhere. Also fine-flavored table veg. tables. Contains cultural instructions, complete pictures, prices (with special discounts and offers), descriptions of everything home gardeners could desire. Sent FREE—post-paid. Write today! SPECIAL FOR 1938—Tiniest zinnia (Z. Linnari) deep orange, yellow stripe. 10 in. tall, spread 2 ft. Send 10c for large packet. VAUGHAN'S SEED STORE, Dept. 5, 10 West Randolph Street, Chicago, 47 Barclay Street, New York

## Burpee's Crown of Gold MARIGOLD

The sensational Gold Medal Winner of 1937 with odorless foliage—so popular more packets of seeds were planted than of any other new flower ever introduced. Brilliant orange-gold flowers, very early, blooming all summer and fall. Send 10c for Large Packet (this quantity cost 50c last summer); 1/8 Oz. 25c; 1/2 Oz. \$1, postpaid. Burpee's Seed Catalog free—144 pages, over 100 color pictures, every flower and vegetable worth growing. Low prices, many special offers. CATALOG FREE

W. Atlee Burpee Co.  
619 Burpee Bldg. Philadelphia



GOLF ON ALL ISLANDS

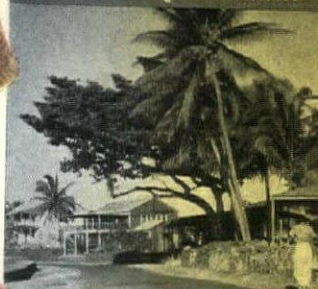


IAO NEEDLE—MAUI



★ REMEMBER—WHEN YOU COME TO HAWAII  
... TO KNOW ALL HER CHARMS YOU  
MUST VISIT ALL FOUR MAJOR ISLANDS  
... MAUI, KAUAI, OAHU AND HAWAII.

PICTURESQUE HAWAII



NATIVES FISHING—HAWAII



WAIKIKI



CHIEF INDUSTRY—SUGAR



GRAND CANYON—KAUAI



COPR. HAWAII TOURIST BUREAU, 1936

# Hawaii

*a great round-up of fun*

*IT'S fun to race the sun-shot breezes on a zooming surf-board ... or to burrow in the soft white sands of Waikiki! To watch the flash of native fishing-spears by torchlight ... or amazing sea-life from a window-bottomed boat.*

*It's fun to climb the colorful high volcanoes ... or find forgotten centuries along the Kona Coast ... to conquer a fighting swordfish or ride the upland ranges with Polynesian cowboys!*

*It's fun to do the latest dance-step to an age-old melody in a gay and smart hotel. To shop for the latest fashions in ultra-modern stores!*

*It's fun to surrender to Hawaii's unique welcome ... in which all the music and laughter and beauty of these radiant isles are blended just for you!*

It all starts in famous Honolulu ... and spreads in bubbling gaiety through a chain of Treasure Isles ... Maui, Kauai, Hawaii, Oahu.

Only a day from California by Air Clipper ... less than five by palatial liner from California ports or Vancouver, B. C. An ordinary vacation budget will do, for costs are low but glamour runs high.

Preview this mid-Pacific Paradise (where many visitors become permanent residents) ... in our new booklet "Nani o Hawaii" and "Tourfax" free from Hawaii Tourist Bureau, 4 Main Street, San Francisco, California; 1001 Flower Street, Los Angeles, California; or secure even fuller details from your nearest Travel Agent.

★  
This Bureau, with headquarters at 765 Bishop Street, in Honolulu, is a non-profit organization, maintained by  
**THE PEOPLE OF HAWAII**  
to enable you to obtain accurate information on any subject concerning the entire Territory of Hawaii, U. S. A.

JAN 25 1938

THEY'RE SAYING

*"Better buy Buick!"*

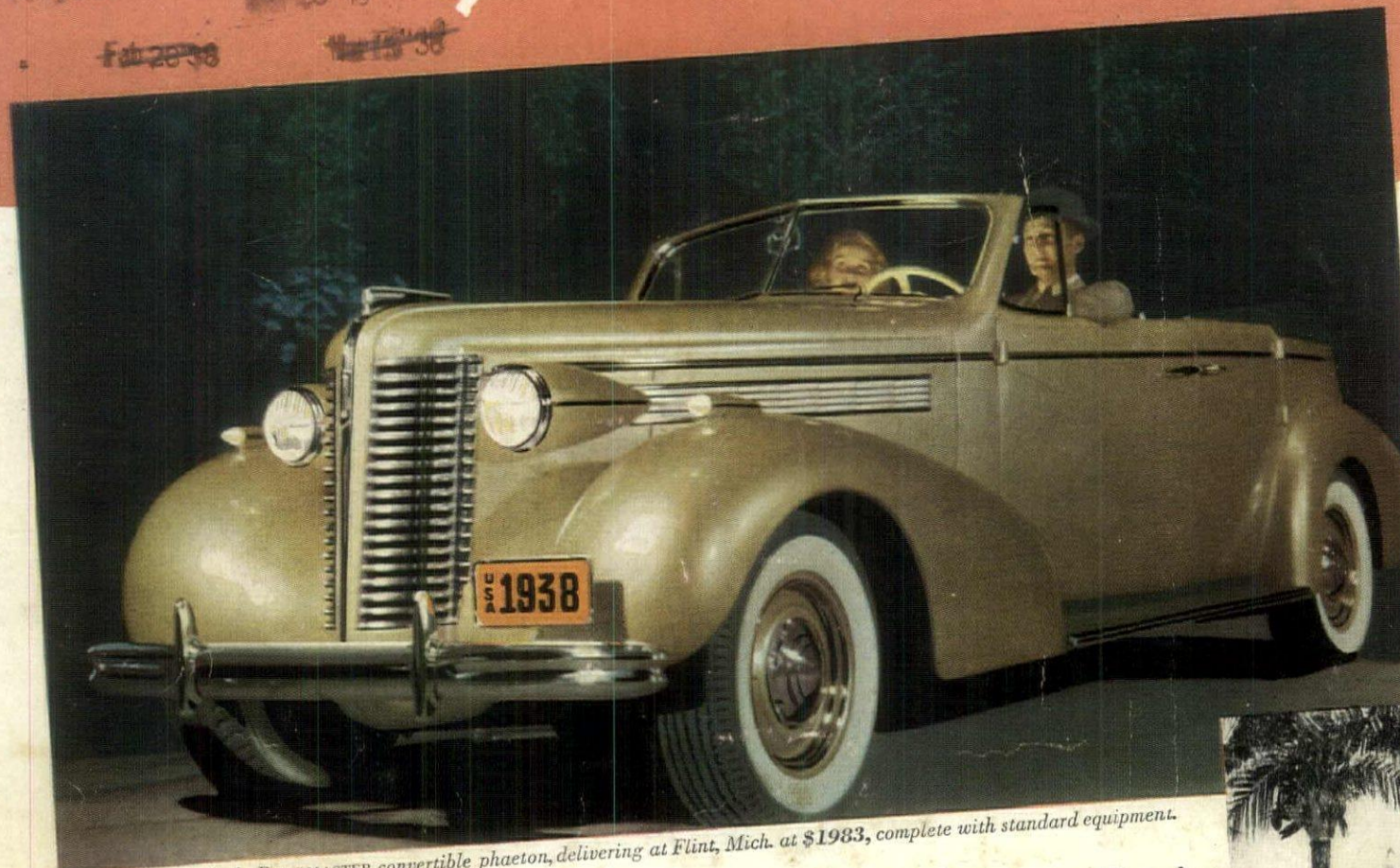
IN MIAMI!

FEB 11 '38

FEB 26 '38

FEB 26 '38

FEB 13 '38

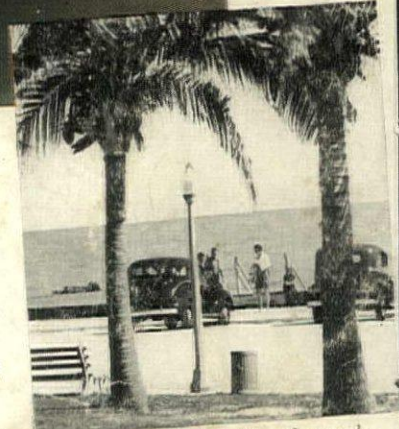


There are 4 ROADMASTER models ranging in price from \$1645 to \$1983, and 3 LIMITED models from \$2176 to \$2453 delivered complete at Flint, State and local taxes if any and transportation extra.

The Buick shown is the ROADMASTER convertible phaeton, delivering at Flint, Mich. at \$1983, complete with standard equipment.

Those who get around a lot were first to take to the new Buick, with the result that a roll call of present Buick ROADMASTER owners reads like a digest of our most socially active families. For getting around is both easy and pleasant in this brilliantly behaved traveler; it is not only inches bigger and blessedly smoother, but agile with the energy of 141 horsepower that can flash you from ten up

to sixty in eighteen seconds flat. There's even more to ROADMASTER than meets your appreciative eye — so much more that we doubt if you can match its merit within a thousand dollars of its price.



Palms and Buicks line the roads



Sun... sand... sea — and Buick makes your fun complete



*Buick*

ROADMASTER with the new DYNAFASH ENGINE and TORQUE-FREE SPRINGING

A GENERAL  MOTORS VALUE

# HOUSE & GARDEN

HOMEBUILDERS  
MANUAL

Condé Nast Publication

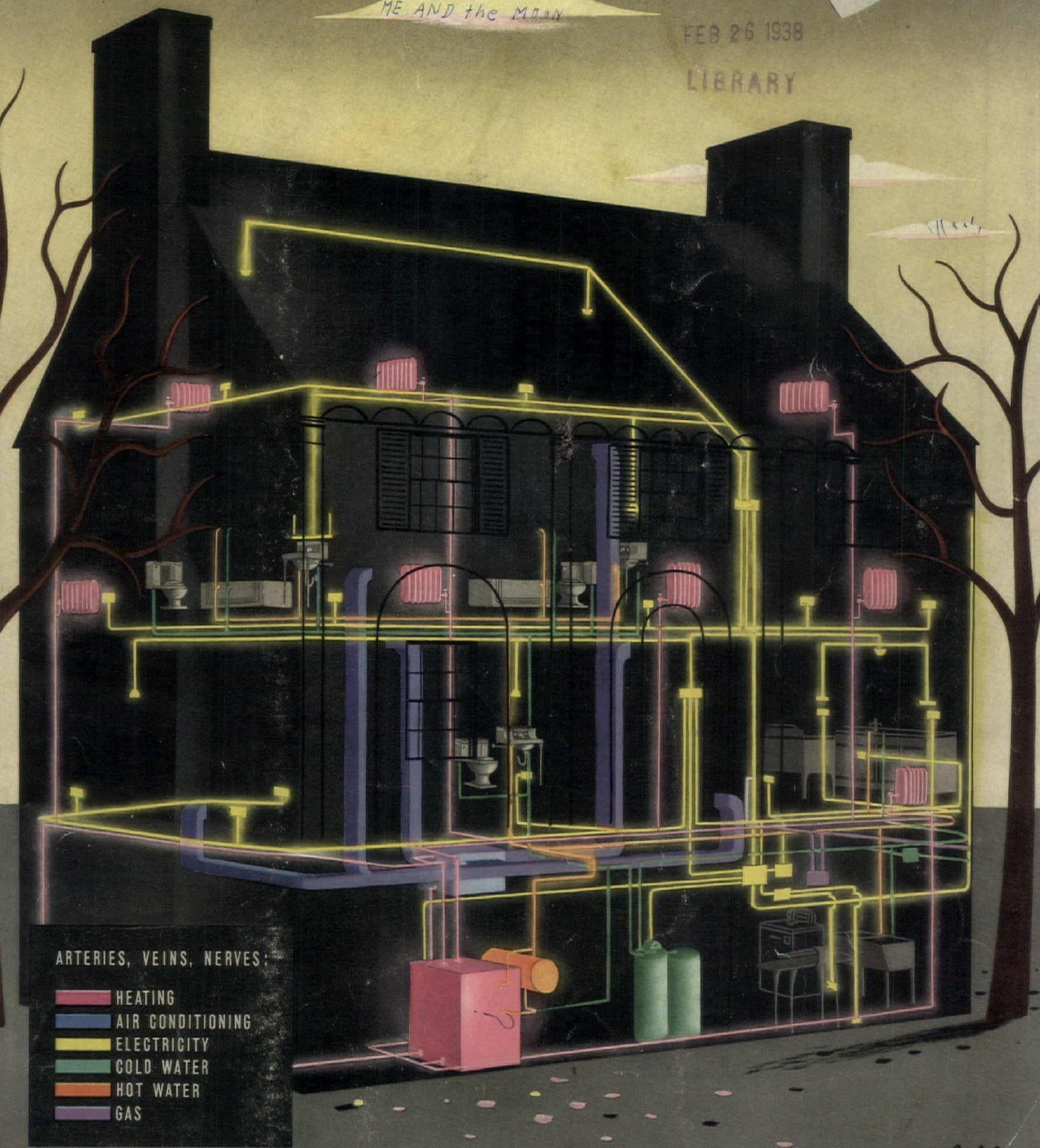
SECTION II

ME AND the MOON

UNIVERSITY OF HAWAII

FEB 26 1938

LIBRARY



ARTERIES, VEINS, NERVES:

- HEATING
- AIR CONDITIONING
- ELECTRICITY
- COLD WATER
- HOT WATER
- GAS

lobri

# Now home decoration goes to *Glass* for color, light and beauty



**GLASS PLAYS THE LEAD** in this Miami, Fla., drama of room decoration. Gray Carrara Glass walls, with Black Carrara shelves and wall trim, form a lovely, gleaming approach to the climax of PC Glass Block panels flanking the flesh tinted mirror behind the washstand. Unusual and attractive . . . and thoroughly in the modern manner.

*Carrara Structural Glass and PC Glass Blocks offer endless possibilities for beautifying your home*

There's gaiety and glamour in Carrara Structural Glass. There's cheerfulness, beauty, and smartness in PC Glass Blocks. That's why these two quality glass products have opened up new possibilities in home improvement and beautification. For bathroom and kitchen walls, for countless other uses throughout the home, Carrara Glass means a lifetime lease on loveliness. And for almost any room in the house, PC Glass Blocks mean added cheerfulness, better lighting, and pleasant personality. They are veritable wonder workers, these two, and they may be used at very reasonable cost. Find out more about them. Write for our interesting brochure "Home Beauty—with Glass." It contains complete data on Carrara Glass and PC Glass Blocks, together with full-color illustrations. Address Pittsburgh Corning Corporation, 2147-A Grant Building, Pittsburgh, Pa.

*Distributed by*

**PITTSBURGH PLATE GLASS COMPANY**

and by W. P. Fuller & Co. on the Pacific Coast

*Manufactured by*

**PITTSBURGH CORNING CORPORATION**



**GLASS BLOCKS** make this room, designed by Morris Sanders, New York City, a joy and a relaxation . . . a super-pleasant place in which to rest or read. Plenty of light, and plenty of beauty . . . PC Glass Blocks provide them both in this inviting retreat from city bustle.



**CARRARA STRUCTURAL GLASS** brings beauty to this bathroom in W. and J. Sloane's House of Years. White Carrara walls are polished, reflective, permanent . . . easy to clean.



Home of Mr. Charles B. McGowan, Harmony, R. I.

The U-shaped G-E kitchen in the McGowan home was planned to make work easy, reduce steps, save time.



THIS NEW AMERICAN HOME HAS A

# Kitchen Unashamed!

SAYS ITS ARCHITECT, LLOYD W. KENT, PROVIDENCE, R. I.



"When Mr. Charles McGowan and I talked over plans for his proposed home in Harmony, R. I., we agreed that the keynote should be quality.

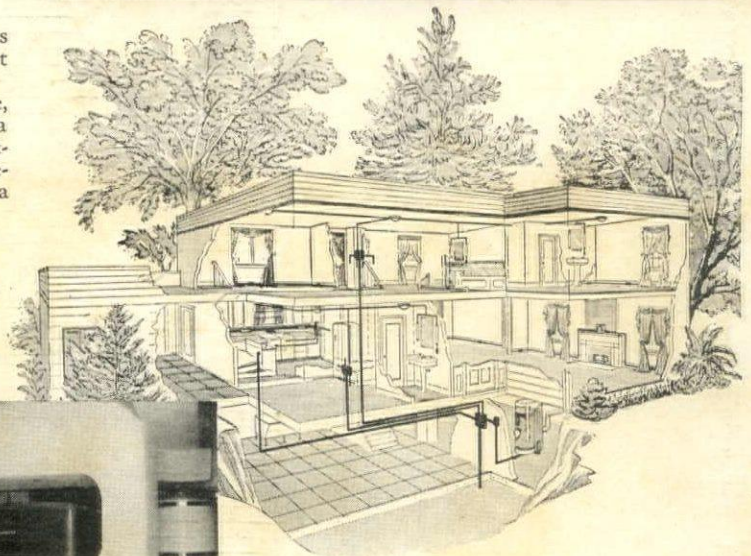
"With this thought in

mind, it was but natural for us to turn to General Electric for kitchen equipment and heating. Today, people who wish to live graciously, recognize the fact

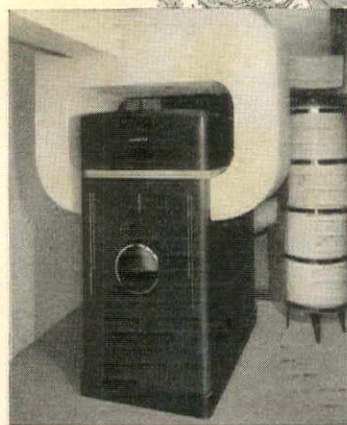
that the kitchen must be brought out of its unseen corner and made an integral part of that graciousness.

"In a concentrated use of space, we have, with the help of G-E appliances, obtained a compact, well-organized kitchen which functions as an unashamed part of the household, and achieved throughout the house a most gratifying air of quality."

*L. W. Kent*  
Architect



This hypothetical radial wiring diagram shows how overload is eliminated and full current assured.



Efficient G-E heating and air-conditioning unit. It assures perfect, controlled temperature 24 hours a day.

### HELP FOR HOME OWNERS

The General Electric Home Bureau does not furnish plans, but its staff of experts will go over your blueprints without cost, and supply you and your architect with authoritative information on the newest and best electrical installations and materials. The Home Bureau will work with you or your architect to help make your present or future home "New American". Address all inquiries: General Electric Home Bureau, 570 Lexington Avenue, New York City.

### HOME BUILDERS

#### Don't Build an Obsolete House!

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

Name \_\_\_\_\_

Address \_\_\_\_\_

# GENERAL ELECTRIC

RESEARCH KEEPS GENERAL ELECTRIC YEARS AHEAD

# BUILDING BOOKLETS

## Building Materials

**WHEN YOUR DREAM HOME COMES TRUE.** Here's an all-through-the-house story of what it means to have practical, modern steel floors. It shows how easy they are to install—how they protect your investment and your comfort, because they're fireproof, termite and rat proof, strong and safe. H. H. ROBERTSON, DEPT. HG-3, 2000 GRANT BLDG., PITTSBURGH, PA.

**MAKE YOUR HOME BEAUTIFUL** with Curtis Woodwork, says an attractively illustrated and fact-giving booklet on doors of all kinds, windows, mantels, china closets, stairways—all correctly and beautifully designed to fit your building or remodeling plans. CURTIS COMPANIES SERVICE BUREAU, DEPT. HG-3, CLINTON, IOWA.

**MAKE COMFORT AND BEAUTY** a Reality in Your Home. A convincing picture-story about ready-to-install and made-to-order wood casement and double-hung windows, designed to meet all building and remodeling needs. ANDERSEN CORP., DEPT. HG-38, BAYPORT, MINN.

**NOW IT CAN BE TOLD . . .** The Truth About Pipe Endurance. Here's an unusual offer by a manufacturer of wrought iron pipe, whose experts will analyze your piping problems for you, and tell you which types of pipe will give most economical service throughout your home. READING IRON CO., DEPT. HG-3, PHILADELPHIA, PA.

**ARE YOU GOING TO BUILD OR REPAIR?** Here's information on new colors, textures and qualities in roofing shingles, siding and other important building materials of excellent quality and design. Let this booklet bring you up to date. BIRD & SON, INC., HG-3, EAST WALPOLE, MASS.

**THE LITTLE WHITE BOOK** is a book of white houses, including many which are prize-winners. Interesting, too, is the story of Cabot's Collopakes, suitable for all kinds of surfaces including wood, brick, plaster, stucco and cement. SAMUEL CABOT, DEPT. HG-3, OLIVER BLDG., BOSTON, MASS.

**HODGSON HOUSES AND CAMPS,** catalog of a manufacturer who has been producing prefabricated homes since the "gay 90's", shows photographs, floor plans, prices of attractive ready-to-put-up homes—and includes camp equipment, garages, kennels and playhouses. E. F. HODGSON CO., DEPT. GW-3, 1108 COMMONWEALTH AVE., BOSTON, MASS.

**PRACTICAL SUGGESTIONS** for the Interesting Use of Paint and Glass in Your Home is a colorful book on modern windows—the use of mirrors—beautiful kitchens and bathrooms—interiors that use color cleverly, and exteriors effectively painted. PITTSBURGH PLATE GLASS CO., 2327 GRANT BLDG., PITTSBURGH, PA.

**THE NEW AMERICAN HOME** diagrams a house that's planned from the inside out—with perfect electrical and conditioning systems for the vital comforts of modern living. It has floor plans you can cut out and fit together, to plan your own new home. GENERAL ELECTRIC HOME BUREAU, DEPT. HG-3, 570 LEXINGTON AVE., N. Y. C.

**PORTFOLIO** of 20 photographs of personalized homes by leading architects is offered free to prospective home builders or remodelers, to help in the selection of appropriate shingles and roofing for homes of different types and periods. CREO-DIPT CO., DEPT. 33, NORTH TONAWANDA, N. Y.

**PERMATITE WINDOWS** includes windows of bronze and aluminum—both casement and double-hung—weather-tight, rattleproof, dustproof, rustproof, moderate in cost. Write for Booklet 11. GENERAL BRONZE CORP., 34-19 TENTH ST., LONG ISLAND CITY, N. Y.

Are you building, remodeling or improving your home? You'll find a wealth of helpful information in the booklets briefly reviewed here. Write, to the addresses given, for those you'd like to have. They're free unless otherwise stated.

**"WILLIAMSBURG" ASBESTOS SHINGLES** pictures a new fireproof shingle created for the architects of the Colonial Williamsburg Restoration. It has the mellow, weathered look of early American hand hewn wood shingles—but with every modern advantage. MOHAWK ASBESTOS SHINGLES, INC., DEPT. HG-3, 101 PARK AVE., N. Y. C.

**ECONOMY COPPER ROOFING** is a colorful study of homes of many styles, by leading architects—showing the beauty of Anaconda copper roofs—and explaining such advantages as its permanence—moisture-proof protection (for air conditioned homes)—and economy over the years. AMERICAN BRASS CO., DEPT. HG-3, WATERBURY, CONN.

**NU-WOOD INTERIORS.** Page after page of them, photographed from actual installations, suggest many ways to use this interestingly textured wall and ceiling board that takes the place of lath and plaster, or goes over old walls. It insulates, deadens sound, is fire-resistant. WOOD CONVERSION CO., RM. 113, 1st NATL. BANK BLDG., ST. PAUL, MINN.

**DON'T DENY THEM . . .** gives you some specific facts on the temperature-resisting powers of Ru-ber-oid Giant Kraftlined rock wool—pictures the comfort and saving of fuel you'll get from this all-year insulation—suggests a simple insulation test that you can try yourself. THE RUBEROID CO., DEPT. HG-3, 500 FIFTH AVE., N. Y. C.

## Heating and Air Conditioning

**GILBERT & BARKER** offers four informative booklets about Gilbarco heating and air conditioning equipment made by a subsidiary of "the world's largest oil company": (1) Flexible Flame Oil Burner to fit any heating plant; (2) complete Boiler-Burner Unit; (3) efficient Heating and Air Conditioning System; and (4) dependable Hot Water Heater. GILBERT & BARKER MFG. CO., DEPT. HG-3, SPRINGFIELD, MASS.

**AUTOMATIC HEATING** and Air Conditioning for Everyone covers products made by General Motors—the Delco Year 'Round Conditioners, the Boiler Units, Automatic Furnaces, Water Heaters, Room Coolers and other equipment—with important pointers on their performance. DELCO-FRIGIDAIRE CONDITIONING DIV., GENERAL MOTORS SALES CORP., DEPT. HG-3, DAYTON, OHIO.

**THE GOOD NEWS** brings you up-to-date on the latest in air conditioning by giving the full details of the Arco Air Conditioner—a single unit that can be attached to your present heating system, to add humidification, circulation and air-cleansing. AMERICAN RADIATOR CO., DEPT. HG-3, 40 W. 40TH ST., N. Y. C.

**SHEPARD SIMPLIFIED STOKER** is the story of a simple, rugged stoker that cuts fuel costs by using inexpensive stoker coal—cuts labor by doing all the work automatically—and keeps uniform temperature, regardless of weather. SHEPARD ELEVATOR CO., DEPT. HG-3, 2429 COLERAIN AVE., CINCINNATI, O.

**WE TURN ON THE HEAT** explains what happens inside the automatic thermostat that controls your heating system—makes clear the difference between a conventional thermostat and the more efficient heat-accelerating type. MINNEAPOLIS-HONEYWELL REGULATOR CO., DEPT. HG-3, 2790 4TH AVE. S., MINNEAPOLIS, MINN.

**MOUNTAIN FRESH,** Ocean Bathed Climate at Home is merely a way of saying that you can condition the air—cool, heat, clean and circulate it as you please with the Sunbeam Air Conditioning Unit which this booklet fully describes. FOX FURNACE CO., DEPT. HG-3, ELYRIA, OHIO.

**VIEWED FROM EVERY ANGLE . . .** is a conscientious study of installation and operating costs of different types of heating and air conditioning systems—showing how Hoffman fingertip controlled radiator heating gives "better heat at less cost". HOFFMAN SPECIALTY CO., DEPT. HG-3, WATERBURY, CONN.

## Kitchens and Bathrooms

**WHEN GUESTS ARRIVE . . .** is your bathroom a source of pride, to you? asks a pertinent pamphlet which describes the quiet, water and space saving T/N one-piece water closet and the specially designed Winston Lavatory. W. A. CASE & SON, DEPT. K38, BUFFALO, N. Y.

**FOR THE WELL PLANNED BATHROOM.** Speakman catalogs a wide selection of smartly designed modern lavatories and cabinet showers—and a complete line of tub, lavatory, shower, and other fixtures that add good performance to good looks. SPEAKMAN CO., DEPT. HG-3, WILMINGTON, DEL.

**FOR BETTER LIVING,** G. E. invites you to "come out of the kitchen and enjoy life". Shows such perfect electrical kitchens that you'll want for the first time to stay in and enjoy the kitchen! GENERAL ELECTRIC INST., DEPT. HG-3, NELA PARK, CLEVELAND, O.

**VITROLITE BATHROOMS AND KITCHENS** shows rooms with wainscoting, walls and ceilings of "structural" glass in stunning colors, gleaming with luxurious beauty that looks far more expensive than it is. LIBBEY-OWENS-FORD GLASS CO., DEPT. HG-3, TOLEDO, OHIO.

**HOW MONEL** Can Modernize Your Home is a practical guide to kitchen modernization, with before-and-after pictures, and views of appliances now available with Monel parts—tables, ranges, sinks, washing machine tubs, and other shining, stainless equipment. INTERNATIONAL NICKEL CO., DEPT. HG-3, 73 WALL ST., N. Y. C.

**WEISWAY CABINET SHOWERS** shows how to add an extra bathroom with a Weisway cabinet shower that takes up only three square feet of floor space. It shows many types—from the Budgeteer to glass-doored luxury models. HENRY WEIS MFG. CO., DEPT. HG-3, 309 OAK ST., ELKHART, IND.

**THE WHITEHOUSE LINE** is a catalog of fine steel units for modern kitchens and pantries—with photographs of beautiful kitchens—blueprint plans—and specifications of handsome, durable metal cabinets. JAMES & KIRTLAND, INC., DEPT. HG-3, 101 PARK AVE., N. Y. C.

## Home Elevators

**THE WECOLATOR.** A brief booklet gives specifications and facts about this safe and inexpensive electric elevator that can be easily installed in almost any home. W. E. CHENEY, DEPT. HG-3, 735 N. 34TH ST., MILWAUKEE, WIS.

**A MOTION PICTURE** in 7 Scenes tells the story of the Sedgwick electric Stair-Traveler that unfolds from its neat position against the wall, and rides smoothly upward at a gentle touch, freeing the invalid from the tyranny of steps! SEDGWICK MACHINE WORKS, DEPT. HG-3, 146 W. 15TH ST., N. Y. C.

**THE DOOR TO A NEW LIFE** offers a "lift" to invalids and older folk. It's an illustrated story of the Shepard Homelift, easily installed in any home, operating automatically and safely on any lighting circuit. SHEPARD ELEVATOR CO., DEPT. HG-3, 2429 COLERAIN AVE., CINCINNATI, O.

## Fences

**PLAIN AND ORNAMENTAL RAILINGS** pictures economical standard designs to harmonize with homes of many periods. It includes porch, balcony, stoop and stair railings, and handsome interior wrought iron gates, with photographs of actual installations. STEWART IRON WORKS CO., CAT. R-36, 418 STEWART BLOCK, CINCINNATI, O.

**FENCE FACTS** tells you what features to look for when you're buying a fence. It includes a number of typical fence installations about residential, industrial and institutional properties. PAGE FENCE ASSOCIATION, DEPT. HG-3, BRIDGEPORT, CONN.

**FENCES OF RUSTIC WOOD** is a picture catalog of all types of cedar and chestnut fences—peeled pickets reminiscent of Colonial days—woven wood fences from France—hurdles and post-and-rail varieties, sturdy and attractive. ANCHOR POST FENCE CO., DEPT. HG-3, 6557 EASTERN AVE., BALTIMORE, MD.

**FOR YOUR FENCE GARDEN** works out a landscapist's idea of using strong, rustproof steel lawn fencing as the basis for a vertical wall garden! Packed with pictures and plans, it will help you turn backyard or spacious grounds into a delightful outdoor living room. PITTSBURGH STEEL CO., DEPT. HG-3, 1631 GRANT BLDG., PITTSBURGH, PA.

## Other Important Booklets

**GENERAL ELECTRIC HOME WIRING** makes it simple to plan an efficient wiring system for your home—to give it every electrical comfort and convenience—to keep down current costs. This invaluable volume includes complete wiring diagrams and details to make specification easy. GENERAL ELECTRIC CO., DEPT. HG-3, BRIDGEPORT, CONN.

**THE STORY OF DEVOE** House Paint reveals the revolutionary new "2-coat system" evolved by Devoe chemists—one coat for the wood and one for the sun! Very convincing is the blotter test showing how the new way of treating oils makes the paint cover better and last longer. DEVOE & RAYNOLDS, DEPT. HG-3, 1 W. 47TH ST., N. Y. C.

**ENTRANCE APPOINTMENTS** illustrates everything for a smart front door—not only letter boxes, footscrapers and knockers, but lighting fixtures, too—and chimes, grilles, interviewers to peek through, and all sorts of hardware in brass, iron and lead. KENNETH LYNCH, DEPT. HG-3, 8-14 37TH AVE., LONG ISLAND CITY, N. Y.

**THE GARAGE DOOR THAT OPENS UPWARD.** Start it upward with a pull of the hand—downward with a jerk at a cord. Or operate it electrically. Read about this new door that's never snow-bound, never in the way. THE KINNEAR MFG. CO., DEPT. HG-3, 3000 FIELDS AVE., COLUMBUS, OHIO.

**TERMINIX INSULATION** is a booklet every home owner should read, to discover the tricks that termite play—how to detect their destructive work—and how to insulate against them with a chemical system that carries a 5-year guarantee. E. L. BRUCE, DEPT. HG-3, MEMPHIS, TENN.

(AS THE SUPPLY OF MANY OF THESE BOOKLETS IS LIMITED, WE CANNOT GUARANTEE THAT INQUIRIES CAN BE FILLED IF RECEIVED LATER THAN TWO MONTHS AFTER APPEARANCE OF THE REVIEW.)

## CONNECTICUT

## Darien

**CHADDERTON & SON**, 145 Post Rd. Tel. 293-2. Select listings of new homes for immediate occupancy. Sales, rentals. Acreage, shore properties.

**E. H. DELAFIELD CO.**, Post Rd. Phone 442. Complete Real Estate Service in Darien and vicinity. Waterfront, country estates, acreage, rentals.

**THE G. LeROY KEMP CO., INC.**, 179 Post Road. Let us show you the Lester houses at Darien featured in November "American Home". They are outstanding.

## Darien



Just Completed

**WHEELER REAL ESTATE**, Tel. 1140 Darien • New stone and shingle house on high acre (more land available). Fully insulated; air conditioned heat, oil burner. Large living room with fireplace, library, lavatory, dining room, pantry, kitchen, laundry. Playroom in basement. Four bedrooms, three baths on second floor. Attached two car heated garage. Brokers protected. \$27,000.

## Fairfield

**THE FAIRFIELD LAND & TITLE CO.**, Post Road. Tel. 1520. Country properties in Westport, Easton and vicinity. Farms, acreage and seasonal rentals.

## Fairfield &amp; Litchfield Counties

**ERNEST C. POILLON**, 100 East 42nd St. Tel. ASHland 4-8080. Large choice of farms, country homes and acreage, from the Sound to the Berkshires.

## Greenwich

**GEORGE S. BALDWIN**, Post Road. Tel. 1669. Dependable Real Estate Service. Shorefront, Estates, Small Houses, Acreage. Seasonal and yearly rentals.

## New Canaan

**JOHN BROTHERHOOD & CO.**, Tel. 1298. Country homes small and large. Estates. Real bargains in acreage. Summer and yearly rentals.

## Westport

**W. F. OSBORN**, P.O. Bldg. Tel. 5245. Why not own or rent a home in our exclusive community where living costs are reasonable and associations agreeable?

## MARYLAND

## Baltimore

**MARYLAND-VIRGINIA FARM AGENCY**, 425 Munsey Bldg. Send for new list—Stock, Dairy, Fruit and Poultry Farms. Chesapeake Bay Waterfronts.

## NEW HAMPSHIRE

## Peterborough

**E. A. BISHOP CO.** Realtors in the Monadnock Region. Country estates, summer homes, lake properties, farms. For sale or rent. Choice listings.

## See an Exhibit of Good Building

## OAK HILL PARK

Just a Mile from the Scarsdale Station

Oak Hill Park's "House Beautiful" exhibit sets new standards of fine living as a result of better building. The wooded Adirondack-like setting on a Westchester hilltop offers a delightful and picturesque seclusion. Each estate has a distinctively different individuality—each has a minimum of a ½-acre of sweeping verdant grounds. Fully restricted. All improvements, no assessments.

Bronx River Parkway north to Harney Road in Scarsdale, then left two blocks to Scarsdale Road to Oak Hill Park location sign.

**HAROLD VAN BUSKIRK, INC.**  
34 Palmer Ave., Bronxville, Tel. 4525

## Free!

to PLOT OWNERS Who Plan to Build NOW

Catalog "G" of PLANS sent without obligation. Contains illustrations, floor plans and specifications of over 48 homes—ranging in price from \$4900, carrying charges from \$32. monthly—to \$25,000. Designed, constructed and financed—all for one guaranteed price. Send \$1 if beyond 50 mile radius of N. Y. C.

**DELRIK HOMES**  
103 Park Ave. (at 41st St.) Suite 703  
New York City Tel. ASHland 4-3427

CUSTOM BUILT DELRIK HOMES



THE GATEWAY TO YOUR NEW HOME.

## REAL ESTATE



A NATIONAL DIRECTORY OF REAL ESTATE BROKERS

**CONNECTICUT SUBURB** Prospective real estate buyers in the New York area will do well to include on their home-hunting itineraries the town of Darien, Conn. Only a personal inspection tour can serve to acquaint you with the physical aspects of the town—its location, setting, and the peculiar charm which is the heritage of a Connecticut village. But there are other factors which must be taken into consideration by the prospective home-buyer, factors which do not appear on the surface.

In these respects, Darien has no secrets to hide. It points with pride to a low tax rate, low assessments, and a town management that is anxious to keep expenses down. In 1927, the tax rate in Darien was 31 mills; today it is 19½ mills. Perhaps Darien is the only town near New York with such a record. 95 building permits were issued during 1937, increasing the town's grand list of assessments about \$1,000,000, and the town's income about \$20,000. In time, this will automatically reduce the tax rate still further.

Thirty-seven miles from New York, Darien has very fine commuting service, with air conditioned through trains which will bring the businessman or woman shopper into Grand Central Station in less than an hour. The opening of the Merritt Parkway will soon afford easy access to the rolling hills of the Connecticut back country and a direct automobile route to New York.

In addition to residential real estate, Darien offers many excellent opportunities for sound investments in business properties. Small growing communities probably have the greatest possibilities for good interest returns with absolute safety on investments of this kind, and Darien, with its steady increase in population, should get its share of funds invested in stores and business buildings. That far-sighted investors, in both residential and business properties, are taking advantage of these favorable conditions, is indicated by the report of one Darien realtor who tells us that his office has had an increase of 81% in 1937 over business done in 1936.

## A CASTLE . . .

at the BIRTHPLACE of LIBERTY . . .

· LEXINGTON CENTRE · MASSACHUSETTS ·

The Estate of The Late Hallie C. Blake, Esq.

CONSIDERED one of the finest estates in this historic old town; six acres of naturally beautiful land, further enhanced by rare trees, shrubs and Rhododendrons in profusion.

The manor house, built of stone, with its turrets, towers and terraces represents a bit of "Old England" skilfully transplanted to an indigenous setting. Modernly appointed. Steam heat with oil burner. All town services and conveniently situated.

With the property, and of matching architecture and construction, is the stable which comfortably accommodates 6 cars and horses.

Inspections by appointment—subject to prior sale. Priced fairly for prompt disposal. Send for brochure.

· WIN · S · COUETTE, Realtor ·  
· LEXINGTON · MASSACHUSETTS ·

## NEW JERSEY

## Englewood

**C. T. LANSING, INC.**, 67 Dean St.—Englewood 3-6000—specializing in homes and estates. Booklet on request. Save State Income Tax. Live in N. J.

## Montclair

**STANTON CO.**, 16 Church St. Tel. 2-6000. Specialists in residential real estate. Sales—Rentals—Lots. Montclair, Glen Ridge, Essex Fells.

## NEW YORK

## Huntington, Long Island



Early American Home

**JAMES H. BERKEY**, 226 New York Avenue, Tel. Huntington 380. • House built approximately 1802. Large living room, dining room, pantry, kitchen, 4 master bedrooms, 2 servants rooms, 3 baths, 3 fireplaces. Nice woodwork and hardware detail. 3 car barn. Large trees: delightful, well-planned gardens. 4 minutes to station and shopping—close to schools and beaches. Ideal all year round country home. 3½ acres. Price \$17,500—brokers protected.

## Westchester County

## Bronxville

**ELLIOTT BATES, INC.** Office Adjoins R. R. Station Platform. Tel. Bronxville 1410. Exceptional opportunities in Bronxville and neighboring communities.

## Poundridge

**1800 ACRE OLD FARMS** Riding Country and Game Sanctuary. 5 acres minimum, 16 private lakes. Donald Carr, Agent. Tel. Bed. VII, 577. Sales, Rentals.

## Scarsdale

**LOUISE O. MEUER, INC.**, Popham Rd. Tel. 3030. Houses and estates throughout Westchester Co. and nearby Connecticut, for sale and rent.

**NASH and BOGART**, 26 E. Parkway, Scarsdale, Tel. 930. Estates, smaller homes, choice apartments, home sites—in and near lovely Scarsdale.

**WOLFF & WOLFF, Inc.**, 140 Mamk. Av., White Plains, Tel. W.P. 2320. Specialists in bargains in Scarsdale, White Plains and upper Westchester.

## White Plains

**REED-CLARK**, 2 Depot Plaza, White Plains, N. Y. Tel. 1516 W. P. Specializing in northern Westchester for 30 years. Country estates, acreage and farms.

## WASHINGTON, D. C.

## Virginia and Maryland

**FRANCES POWELL HILL**, 1644 Connecticut Avenue, Specialist in country homes. View comparative values through one broker with a wide range of listings.

## This Gentleman's Estate Has a Gorgeous Setting



BERGEN COUNTY, N. J.

27 acres. 15 miles Washington Bridge. Convenient fast new highways to Lincoln tunnel.

House, part stone, built before Revolution. 11 rooms, ample bathrooms; library, sun room. View to Manhattan's skyline. Spring fed brook feeds sizable, deep swimming pool. Miniature water fall spills into small lake, banked with handsome trees, rock garden. Greenhouse. Japanese garden. Valuable trees. Barn, box stalls; garage. Pink of condition throughout. \$50,000. Request photos.



EDWIN D. ALLBOUGH

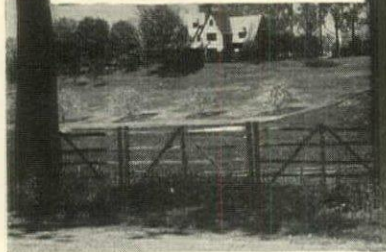
31 No. Broad Street Ridgewood 6-4800  
Ridgewood, New Jersey

## MIAMI BEACH HOMES

For Sale For Rent  
Complete Listings—Year Round Service  
Co-operation of northern Brokers Invited

**J. Gescheidt, Inc., Realtors**  
1301 Washington Ave. Miami Beach, Fla.  
Member of Miami Beach Realty Board

**CHILMARK FARM**  
 Will Sell One or More Acres with  
**HUDSON RIVER VIEWS**  
*All Improvements*  
 44 Minutes from  
 Grand Central Station  
**CHILMARK REALTY CORP.**  
 Valentine E. Macy, Jr., President  
 Briarcliff, N. Y. Tel. 2030




**Glen Ridge, N. J.**



Located on 1/2 acre plot at highest point in Glen Ridge. Brown stucco residence with red tile roof has 5 bedrooms, 2 tile baths, two bedrooms and bath on third floor. Many attractive features include glass enclosed solarium, open paneling, hand frescoed ceiling in dining room. Modern throughout. Price reasonable.

**STANTON COMPANY**  
 16 Church St. Tel. Montclair 2-6000

**AN ADVENTURE IN  
 CONTENTMENT  
 ... LIVING DOWN IN  
 MAINE**



There's a place in Maine you'd like to call home—for the Summer or all year round. It may be a farm. It may be in a village. You're apt to find it along the sea; or inland, shadowed by the hills. Let the State of Maine help you find the place you've wanted all your life. Send for a free list of real estate for sale—official State information.

**Free!** MAINE DEVELOPMENT COMMISSION Dept. 671 State House, Augusta, Maine

Please send me your official list of Maine real estate for sale.

Name \_\_\_\_\_  
 Street \_\_\_\_\_  
 City \_\_\_\_\_  
 State \_\_\_\_\_




**WANTED  
 A NEW  
 OWNER**

*Not everyone can qualify to buy or rent these choice NEW ENGLAND properties*

If you have these qualifications, then you will want to clip the coupon below: A deep appreciation of the rich traditions of New England, its cultural life, its art and music centers, its gracious way of living. An understanding of the value of old beams, time-colored panels, wide hearths, hand-wrought hardware—all those things which give unique atmosphere to a New England home. A desire to live—at least part of the time—where the eye can rest on verdant mountains, blue

lakes, or the arched horizon of the Atlantic. If you are this kind of person, clip the coupon now. Then plan a spring or summer visit to New England's hotels, inns or camps—see for yourself.



**BEFORE and AFTER**



**GOING FAST! This New, FREE BOOKLET**

To make plans definite, send today for the new, beautifully printed booklet, "Your Place in New England." Includes nearly 100 photographs, many useful suggestions about buying, remodeling, or renting, and a complete list of authorized real estate dealers. Fill in and mail the coupon today.

NEW ENGLAND COUNCIL HG-28  
 Statler Building, Boston, Mass.

Please send me my free copy of "Your Place in New England."

Name \_\_\_\_\_  
 Address \_\_\_\_\_

**REMINDER** — Include New England AGAIN in your 1939 World's Fair plans

**SHORT HILLS, N.J.**

*Protected residential plots in rolling wooded land, divided to suit the needs of acceptable people.*

**STEWART HARTSHORN**  
 Founder  
**HARTSHORN ESTATE**  
 Telephone 7-0125

**268 PLANS FOR HOME BUILDERS**



Designs of homes to suit every climate with complete floor plans and exterior views showing a wide variety of 1 and 2 story homes, 4 to 10 rooms, 1 and 2 baths. Check Books.

**ATTRACTIVE HOMES**—62 designs of all types of ideal frame homes, \$1.00

**BETTER HOMES**—62 designs of English, Spanish, Monterey brick homes, \$1.00

**CHARMING HOMES**—31 designs of small 4 and 5 room, low cost, Monterey, Colonial, French, Norman—Brick, stucco and frame homes, \$1.00

**ENCHANTED HOMES**—62 designs of English and Spanish stucco homes \$1.00

**DREAM HOMES**—51 designs of Ranch, Colonial, Monterey frame, brick and stucco homes, \$1.00

Each home an architectural gem. Every page (8" x 10 1/2") handsomely rotogravured. Ideal for home builders, architects, real estate concerns, lumber companies, the building trade. Check books desired. Or all five books, regular \$5.00 value for only \$3.00. (Saves you \$2.00). Check here  Money back if not satisfied. Send cash, check, money order or sent to C.O.D. CLEVELAND PUBLICATIONS (Publishers to the Building Industry) Dept. EA, 810 E. 61st St., Los Angeles, Calif.

**TORY CHIMNEYS**

A house built in 1785 in a Maine village among old trees. Fully restored, attractively furnished. Living room painted in the manner of 1800 with local scenes. Four master bedrooms, two baths, lavatory. Two maids' rooms, bath, sitting room. Screened porch. Five fireplaces, two Franklin stoves. Game room. Two car garage. For sale or rent for Summer season.

Box 475 Kennebunkport, Me.

**Unspoiled Vermont**

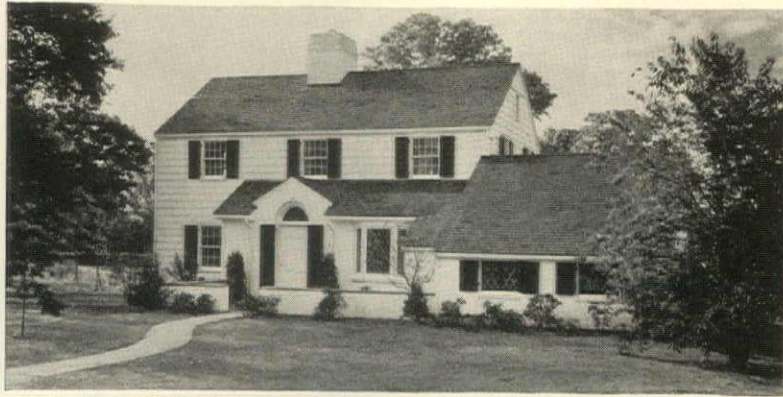
Free book by Dorothy Canfield. "Vermont Summer Homes" tells of opportunities in small Vermont farms for summer residence. Vermont Publicity Service, 8 State House, Montpelier, Vermont.

**Are you looking for a house?**

• If you're looking for the perfect house—in the perfect location—let us help you. We can recommend to you the brokers listed in our Real Estate Directory. If the locality you're interested in isn't listed, write direct to our Real Estate Information Service. We know the best brokers in every part of the country, and we'll be glad to put you in touch with one who will give you excellent cooperation, at no cost to you.



**DISTINCTIVE ARCHITECTURE**



*In the Highlands Section of Lawrence Properties near the Bronxville Station*

HERE is country quietude now brought within a half hour's drive of mid-town New York by the new Henry Hudson Parkway, and 28 minutes to Grand Central from the Bronxville Station.

Lawrence properties in Bronxville and its vicinity have become nationally known for their delightful and highly restricted home environment, achieved through three generations of conservative development.

This new home is individual in appearance and extremely livable. A covered porch at the rear, with doors from both the living room and dining room, looks out upon a spacious, secluded garden area. Desirable features include a large entrance hall and a pine-paneled library with lavatory. 8 rooms, 3 baths, lavatory and attached garage, on 1/3 acre, \$25,900.



*Other new homes on Lawrence properties have 3/4 acre of landscaped ground; from \$33,200 to \$35,000. Illustrated floor plans will be mailed upon request.*

**Lawrence** MANAGEMENT, INC.  
 4 VALLEY ROAD **BRONXVILLE**  
 Phone Bronxville 0400  
 REAL ESTATE COUNSEL • APPRAISALS • MORTGAGE SERVICING

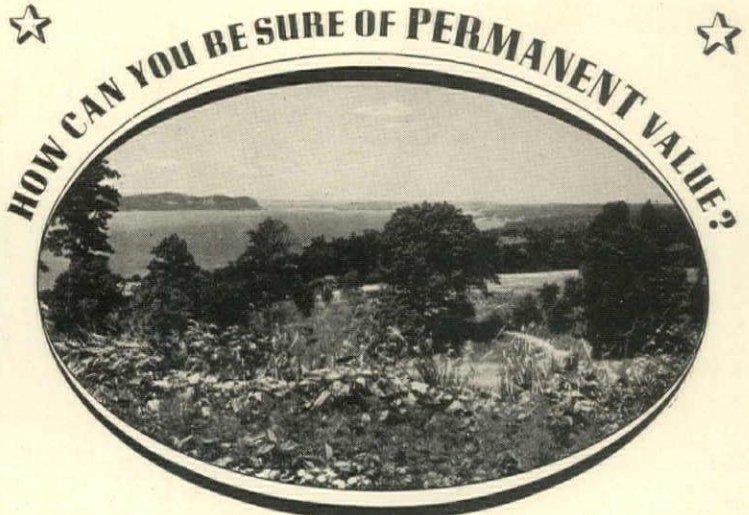
**The Condé Nast Publications, Inc.**  
 Greenwich, Connecticut

**"I want**  
**HOUSE & GARDEN**  
**every month!"**

Send it to: \_\_\_\_\_  
 Street \_\_\_\_\_  
 City \_\_\_\_\_  
 State \_\_\_\_\_

H&G 3-38

**I enclose \$3 for one year's subscription.**



**Written about Villard Hill in 1894**

*... still true today, as it will be a hundred years hence*

*"From it can be seen one of the most fascinating and picturesque views of this section. Far below, reflecting a golden sheen from the summer sun, flows the Hudson in tranquil majesty toward the sea . . . to look is to look and look again! To tell of all the charms of this earthly paradise would take a volume".*

*Tarrytown Press Record, June 15, 1894*

Once the show place of a wealthy New Yorker, Villard Hill, with its inspiring views and hundred acres of high, landscaped woodland, now offers home sites of permanently protected beauty. New houses ready for Spring occupancy from \$15,000 to \$40,000. Visit Villard Hill at once or send for new illustrated book.

**Villard Hill**  
 DOBBS FERRY  
 HIGH ABOVE  
 THE HUDSON

COOLEY REALTY CO., 43 Prospect Avenue, Mount Vernon, N. Y.  
 Office on Property: 'Phone Dobbs Ferry 230



**St. Regis guests**  
**enjoy New York**

... and you will enjoy The St. Regis. Here you are part of smart New York. St. Regis rooms and suites were fashioned for pleasant living. Three beautiful restaurants specialize in fine St. Regis food... and you will pleasantly discover, too, why The St. Regis is proud of its wine cellars. Theatres and your favored shops are conveniently nearby.

**The St-Regis**

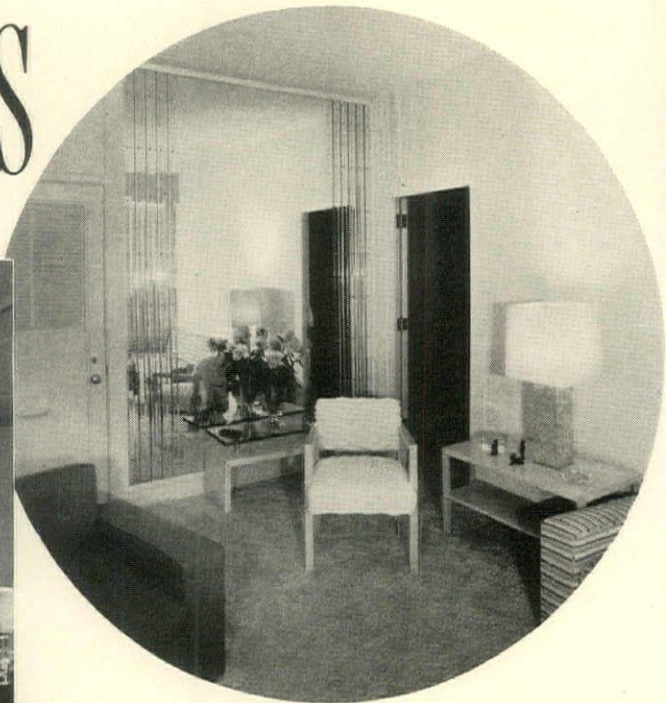
FIFTH AVENUE AT 55th STREET  
 NEW YORK

Your stay at The St. Regis will cost you less than you might expect.

# GLASS IS THE KEYNOTE OF MODERN INTERIORS

● In the homes of today, glass is used more liberally than ever before—both for practical and decorative purposes. More and larger windows afford maximum sunlight and air. Ample mirrors—of clear or colored glass—make rooms appear larger, brighter and more inviting. Glass table-tops and shelves, glass as a trim for wainscoting, doors and fireplaces—everywhere, glass adds immeasurably to the attractiveness and utility of the home.

The photographs on this page illustrate how mirrors brighten up wall areas . . . widen rooms, reflect light and add notes of brilliance to interior design. When you build a new home or improve your present one, plan to take full advantage of the beauty and practicality of glass. Your local L·O·F Glass Distributor will be glad to cooperate with you, your architect or your decorator at any time. Libbey-Owens-Ford Glass Company, Toledo, Ohio.



● Three interesting mirror installations in the apartment of J. E. Josey, Jr., Houston, Texas. Interior Decoration and Architecture by Edward J. Perrault, Jr. Photographs by Bob Bailey.



LIBBEY · OWENS · FORD  QUALITY GLASS

Copyright 1938, The Condé Nast Publications, Inc.

## Contents

**A Lesson in Building** comparing right and wrong building methods, from cellar to attic . . . . . **Page 8**

**Heating & Air Conditioning** what it does and how it works, by Tyler Stewart Rogers . . . . . **16**

**Insulation** a new and more efficient technique, by Tyler Stewart Rogers . . . . . **20**

**Lighting** the simple rules for adequate wiring and the effective distribution of light. . . . . **24**

**Bathrooms** modern fixtures and accessories add new lustre to a distinguished tradition . . . . . **28**

**Kitchens** a thought for attractiveness as well as for efficiency in this important room . . . . . **32**

**Laundries** careful planning and the use of new equipment produce a new type of home laundry . . . . . **36**

**Termite Control** the new home can be secured against this destructive pest, and the old home can be rid of them **38**

**Dry Cellars** how to treat new or existing basements to guard against moisture . . . . . **40**

COVER DESIGN BY BOBRI

### “A better house for your money in 1938” is the theme of this Homebuilders’ Manual

The legend on the cover of the Manual serves to identify most of the equipment shown. However, we should explain that in every case equipment such as bathtubs, sinks, etc., is as transparent as the walls of the house and therefore cold and hot water pipe-lines in orange and green are visible through these fixtures.

Notice, too, that the wiring follows the straight line, heavy-duty plan which is emphasized in the article on lighting in the Manual. This type of wiring af-

fords enough copper to carry heavy loads and distributes the electricity from strategically located centers so that trouble, if it should occur anywhere, is easily traced and easily remedied.

The heating and air conditioning apparatus seems self-explanatory. It is, of course, a split type of air conditioning in which radiators are used to heat most rooms of the house and the air conditioning is supplied only to living rooms, excluding the service rooms and the bathrooms. (See page 17.)

The kitchen shows a modern sink and range, and below this in the basement is a well-equipped modern laundry which includes a washing machine, an ironer and laundry tubs.

On the left, shown in green, are the tanks of a water-softening equipment and just beyond these, in pink and orange, are the furnace and the hot water tank. Above the furnace, in blue, is the air conditioning apparatus in which air is humidified, cleaned and heated by a coil connected with the furnace.

#### EDITORS:

Richardson Wright, Editor-in-chief    Henry Humphrey, Managing Editor    Robert Stell Lemmon, Gardening  
Arthur McK. Stires, Architecture    Margaret Dargan, Merchandise

#### ASSOCIATE EDITORS:

Diane Cummings, Harriet W. Burket, Elinor Hillyer, Virginia Hart, Jo Barber

#### CONTRIBUTING EDITORS:

Colonel and Mrs. Theodore Roosevelt, Jr., Virginia Conner

Volume LXXIII, Number Three. Title House & Garden Registered in U. S. Patent Office, Published Monthly by The Condé Nast Publications, Inc., Greenwich, Conn. Condé Nast, President; Francis L. Wurzberg, Vice-President; W. E. Beckerle, Treasurer; M. E. Moore, Secretary; Frank F. Soule, Business Manager. Executive and Publishing Offices, Greenwich, Conn. Editorial Office, Graybar Bldg., Lexington at 43rd, New York, N. Y. European Offices, 1 New Bond Street, London, W. 1; 65 Avenue Des Champs-Élysées, Paris. Printed in the U. S. A. by The Condé Nast Press. Subscriptions, \$3.00 a Year in the United States, Canada, Puerto Rico, Hawaii and the Philippines; \$4.50 in all Other Foreign Countries. Single Copies 35 Cents.



ALL PHOTOGRAPHS FROM ALEXANDER HOUSES, INC.



## Well Built

*In the following article, construction photographs of this Connecticut Colonial home demonstrate the technique of good construction and prove its value*

# A LESSON IN BUILDING

*The prospective home-owner, spending thousands of his dollars in a few weeks to build, or buy, a house, needs the kind of straightforward, detailed advice given in this 8-page article*

IT is often the case, when building a house, that while the builder or contractor is supposed to manage the entire project, in actual practice the owner, either through choice or necessity, ends by being the real manager.

Sooner or later, important, unexpected problems arise, because pre-planning has not been carried far enough. Errors and conflicts in the structure and the mechanical systems may be encountered and new solutions will be required before any work can proceed. If no single person or firm is responsible for the whole project, the responsibility is thrown back upon the owner, and he is called in to decide. From then on, he is definitely running the job.

He finds himself the center of a complex process—a sizable business, spending thousands of his dollars in a few weeks. He does not buy his house all from one company, but deals with a number of small independent firms, all working on other jobs at the same time. There is, perhaps, no strong central authority but himself. When the finishing operations begin, the process may become disorganized, and unless he personally supervises everything serious delays will occur.

Buying construction is like buying anything else: the buyer must know exactly what he wants, and must be able to tell whether he is getting it. But a house is vastly more complicated than most other things that people buy, and therefore that much harder to buy correctly. The owner is dealing with realities such as lumber and cement, workmen and labor unions, and to be innocent or sentimental about such matters is to tempt Providence. Most owners have never managed a building job before. They must learn as they go.

Furthermore, if you buy a house already built, you still

have the buying problem. Even though you “see what you are buying”, you do not see the house *being built*. Many of these houses are good, but seeing only the skin and not the bones, it is not easy for the non-technical purchaser to distinguish the good houses from the bad. If there are serious defects, they are probably covered up with plaster.

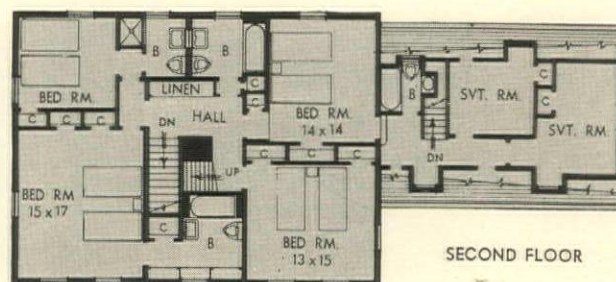
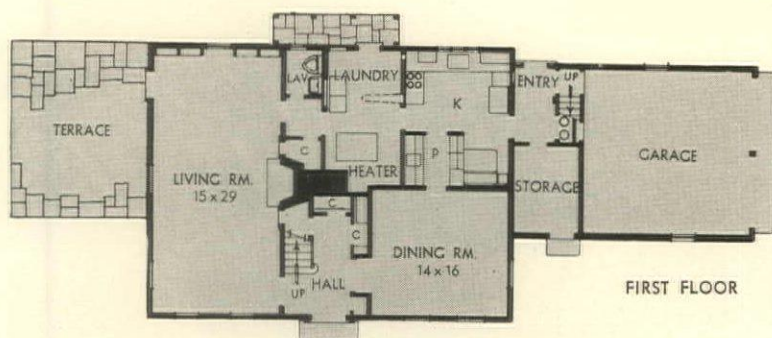
Anyone who is about to build (or buy) wants to know just what makes a good house, structurally and mechanically—what good points to look for, what defects to guard against. As a practical help, HOUSE & GARDEN describes and illustrates in these eight pages an example of good design and construction: “Connecticut House” recently completed in New Canaan, Conn., by Alexander Houses, Inc. In preparing this article we have had the valuable assistance of Mr. Malcolm McGhie, of Alexander Houses, Inc.

As “Connecticut House” was built, many photographs were taken of the framing, piping, duct work, and other construction features. Some are presented here to show how the job should and can be done. Contrasting photographs show common defects which the prospective owner may encounter in careless and unworkmanlike construction.

This house was built by Alexander Houses, Inc., to demonstrate their approach to building. Their method is based upon complete pre-planning, complete engineering, and unifying the entire process under one management. Design, purchasing, production and other functions were combined in one closely-knit, coordinating organization. Single responsibility made possible positive control over design, workmanship, and costs.

Professional engineers are rarely employed in the design of houses costing less than \$75,000, but in this house, the struc-

## *The well-built home begins with a carefully designed floor plan*



Perhaps the most interesting feature of this plan is the excellent layout of the service area. Designed without a basement, the air conditioner, laundry and adequate storage space are most conveniently accommodated on the first floor

Note the generous closet space, and the complete utilization of every square foot of the second floor plan, affording maximum convenience with maximum economy. Will Rice Amon, architect

tural framing, and the complete plumbing, heating, air conditioning, and electrical systems have been designed, and their installation supervised, by a professional mechanical engineer, Walter H. Martin, of New York, a member of Alexander Houses, Inc. The architect was Will Rice Amon, of New York, also a member of this organization.

Substantial improvements in home construction can be made by careful and systematic elimination of common defects in current building practice. Presented here are some of the camera studies actually used in analyzing these defects and in developing the improved design represented by "Connecticut House". Cause and effect are inexorable. Within a year or two, the owners of the houses in which these photographs were made will begin to "see red" because of such things as roof leaks, leaks around windows which spoil expensive wall papers, drafts and cold floors, cracked tile in sagging bathroom floors, squeaking wood floors, unpleasant vibration when walking across the center of rooms, undue

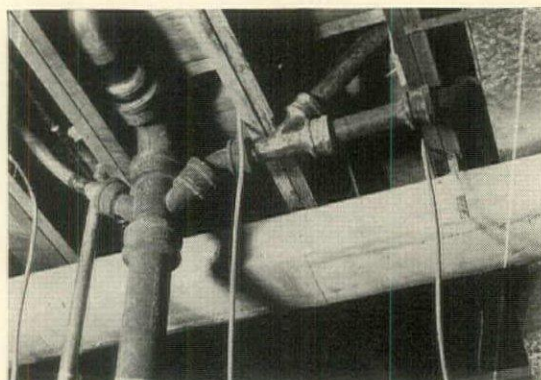
settlement of floors in the center of the house, large and unsightly plaster cracks, sprung door frames, vibration of the house in strong winds, walls and floors not sound-proof, ugly cracks opening up in interior woodwork due to excessive and uneven shrinkage of the house framing, air leaks between sills and foundation walls, warping and cracks in exterior millwork and ornamental details due to exposure to rain and sun before priming, kitchen odors spreading through the house, hammering pipes, noisy heating system, unnecessary plumbing repair bills, etc.

Complete pre-planning not only shows the location of walls, doors, windows, fixtures, etc., but also embraces the details of the structural framing which holds the house together. When the whole house-building process is integrated, and when the entire structure is really designed in advance—with precise diagrams of framing, piping and ductwork, and numerous detailed drawings to assure accurate preparation in the "roughing-in" stage

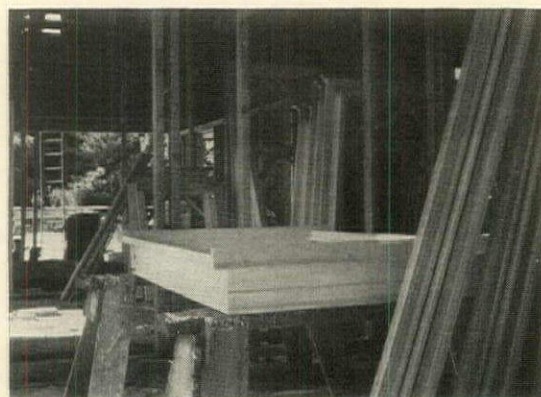
## RIGHT



Diagonal sheathing not only covers, but adds rigidity to the entire structure, effectively bracing the house frame against wind pressures and other stresses

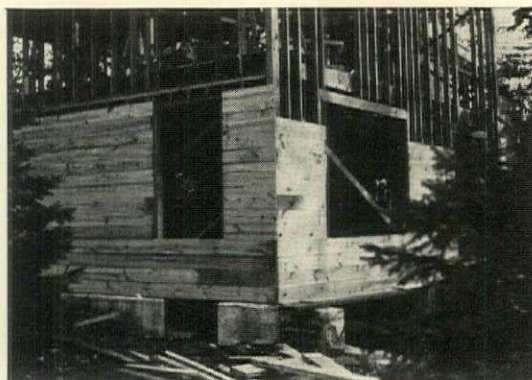


Pre-planning of plumbing and framing provides room for both without conflict. Note double floor joists to carry heavy bathroom fixtures without sagging

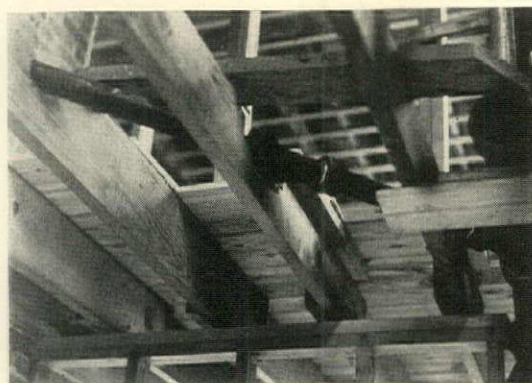


All window frames and other millwork of the well-built house are protected from the elements and given a coat of paint before exposure to the weather

## WRONG



Horizontal sheathing, though somewhat cheaper than diagonal, has almost no bracing effect, invites vibration in heavy winds with consequent cracks in plaster



Sagging and cracking of bathroom floors is often due to joists that are carelessly cut away to accommodate heavy plumbing lines, a not unusual expedient

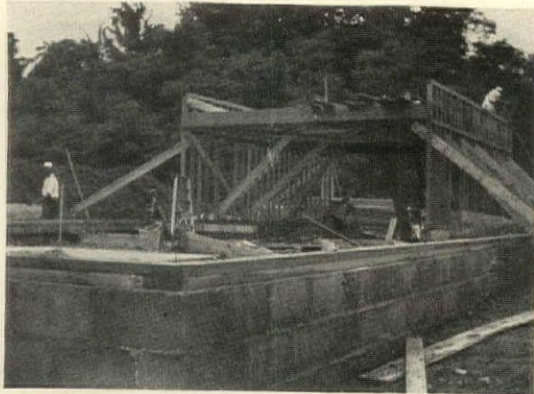


Exposed to the weather, these window frames will become saturated, then warp and shrink after installation. Millwork should be protected at all times

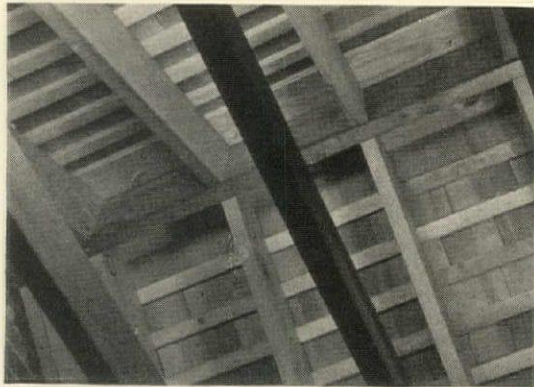
# RIGHT



Careful workmanship in every detail makes the well-built house. Note diagonal sheathing, primed door and window frames, cleanly applied building paper



The top of the foundation was carefully leveled in order that the sill, through its entire length, might rest solidly upon it as a true bearing for the walls



Accurately cut framing members, as seen in this picture of the attic of our well-built house, fit tightly, afford a solid bearing of wood against wood

for the correct assembly and fitting of equipment, accessories, and finishing materials—conflicts and complications can be foreseen and designed out of the house before it is too late. This is the way automobiles, bridges, machinery, and other modern products are produced and is a chief reason why they are good. "Connecticut House" was completely pre-planned structurally and mechanically from top to bottom, eliminating guess work from the building operations, and waste of expensive materials.

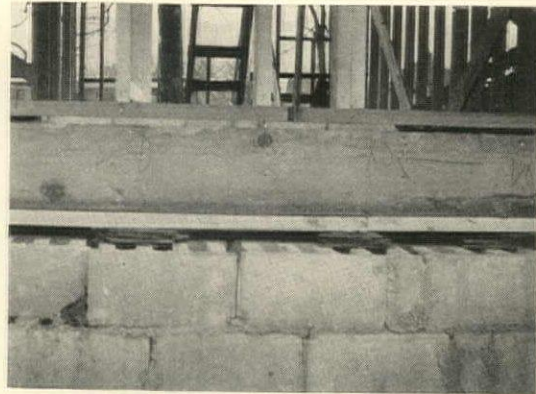
By making detailed diagrams of the sewage and waste systems, for example, the mechanical engineer was able to study the system carefully as he designed it, devising the most efficient layout with the least piping and the least labor necessary to put it together. After this and other diagrams were finished, the engineer could plan the framing for floors and partitions to accommodate the piping without having to cut the framing members.

Here are a few of the tangible improvements which com-

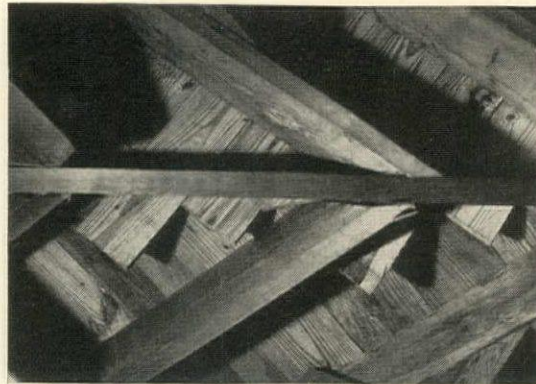
# WRONG



In contrast is the horizontal sheathing, the torn building paper and general unworkmanlike appearance of this new home, presaging future failures and repairs



Slate chips were used in this house to level the sill. Subsequent filling in with cement, however, cannot give a true and solid bearing for wall framing



Inaccurate sawing and fitting of rafters will result in a weak roof. Nails alone cannot well resist strains and the natural settlement of the structure

plete preplanning has carefully incorporated in this house:

Compact and efficient house plan, rooms of regular shapes, continuous wall areas, adequate furniture space, good circulation, privacy, multiple use of space.

Closet requirements for uncluttered living carefully studied, correctly sized closets provided in the right places for all house-keeping functions.

Framing scientifically designed to equalize shrinkage of lumber so as to minimize plaster cracks and sprung woodwork.

Fire-safe wood construction and fire-stopping throughout.

Chimney standing entirely free of the house framing, thus eliminating all possibility that uneven settlement could distort the structure.

All sewer-pipe stacks free-standing also, not hanging on the framing.

Plumbing system simplified, but provided with all clean-out plugs, air chambers, traps, vents, and other protective devices called for in superior plumbing practice.

Temperature variations practically eliminated by scientifically designed heating and air-conditioning system with sensitive control and delivery of heat to rooms in less than one minute when demanded by thermostat.

No hot heads or cold feet, because ducts deliver gentle flow of conditioned air from proper points on outside walls, not inside walls, thus warming cold side of rooms adequately, and minimizing drafts and stratification (hot layer near ceiling, cold layer near floor).

Noise largely eliminated by solid construction, placing of closets between rooms, sound proofing of bathroom walls and soil stacks, independent footings for boiler, oil burner and air conditioner, air chambers on water lines, and acoustic treatment of ducts.

Today, a house is much more than a shell of walls, floors, and roof. It is full of intricate equipment and accessories. Individ-

ually, these things are well "engineered" by their manufacturers, but it is in their selection and their combination with other building materials to make each individual house, that engineering is most important, but least evident.

Consider that your house must supply heat, air, power, light, and water at the touch of a finger, at proper temperatures, pressures, and volumes, without leaks or stoppage, and without hazard of electric shock, explosion, or fire. All of these services must be automatically controlled, by instruments which are sensitive, yet not too fragile or complicated to be used by the non-technical person.

This mechanized and delicately adjusted structure, decorated inside with fine wall papers and fabrics, must stand out in the weather day and night all year round for a great many years, in heavy wind, rain, snow and blistering summer sun. It must not let heat in or out. There must be no drafts, no layer of cold air on the floor. The house must not vibrate in wind or settle unevenly on the soil, lest its plaster should crack and its floors sag. Its exterior materials must be skillfully selected and applied, lest they deteriorate quickly, or permit leaks which would spoil the decorations. It must

**RIGHT**

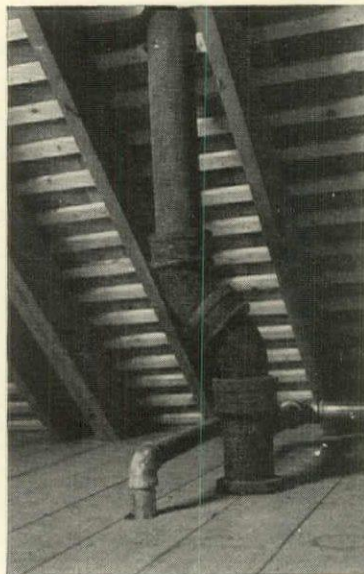


Should this waste pipe become clogged, the conveniently located clean-out will facilitate a speedy remedy. Every important bend should have a clean-out

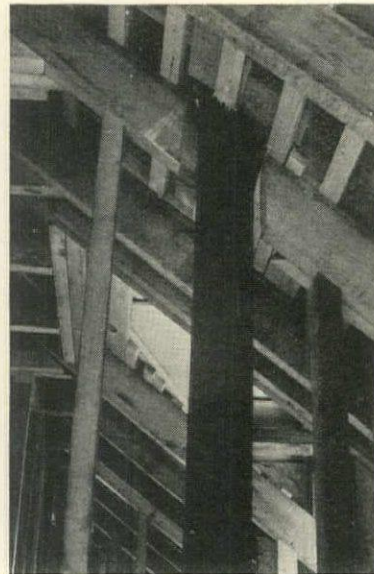
**WRONG**



No clean-out here means that the plumber will have to take the pipe apart whenever stoppage occurs, involving considerable inconvenience and expense

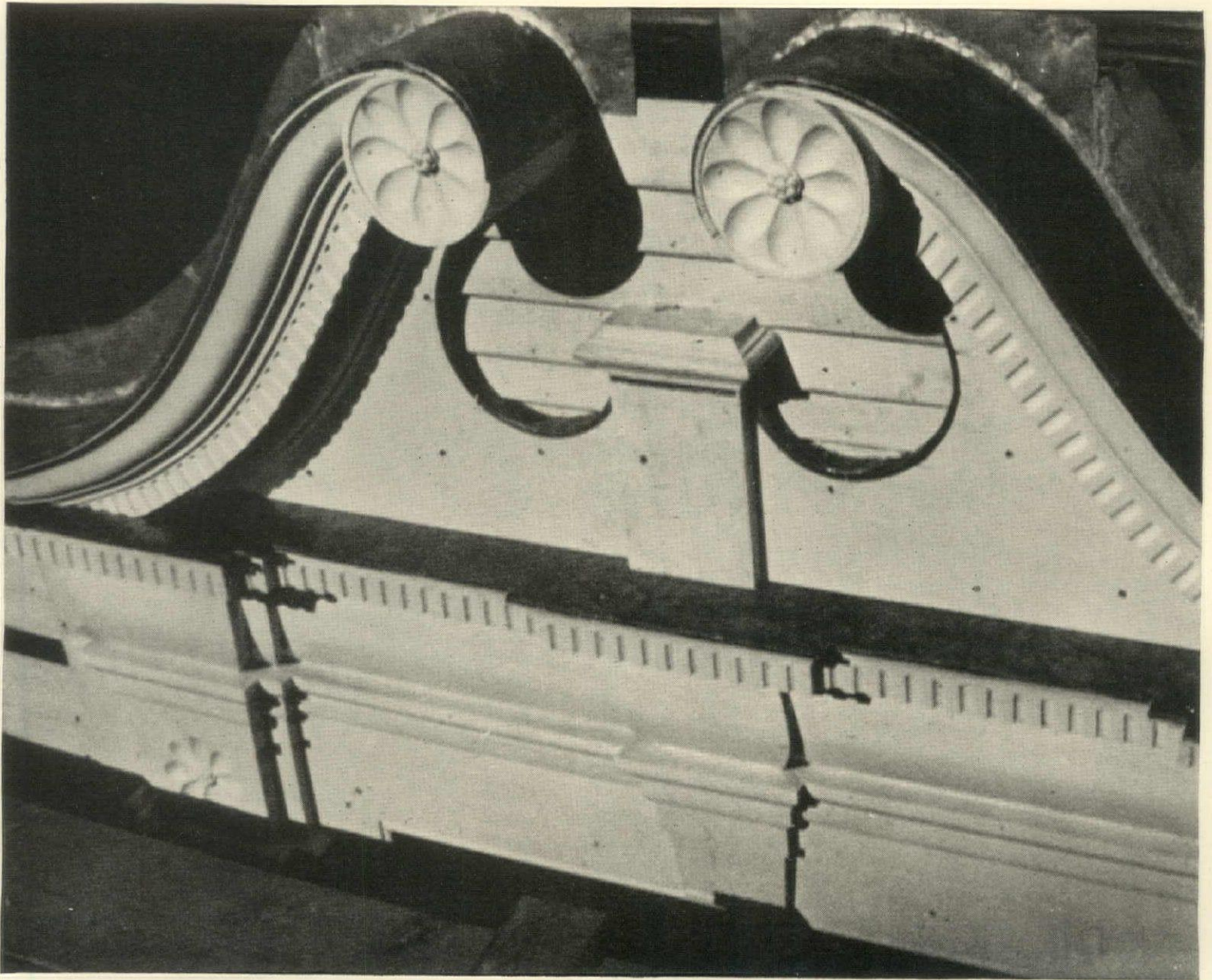


Neatly offset to avoid the rafter and pass through the roof, this plumbing stack in the well-built house is further evidence of careful construction



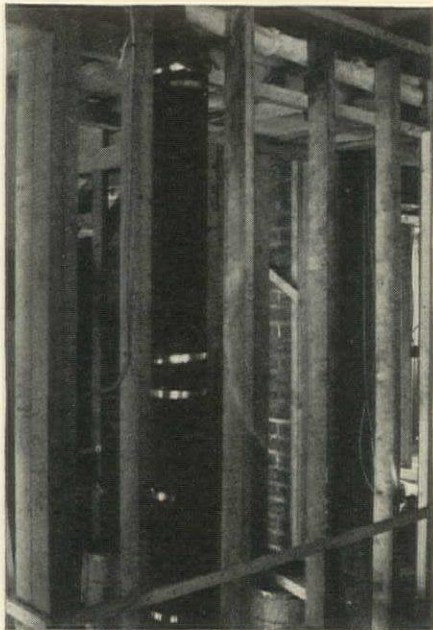
An easier way. Here the roof rafter was cut in two to make way for the stack. The weakened roof may sag and the outside flashings leak as a result





*Details of good construction, sometimes overlooked, which insure the builder's investment in his home*

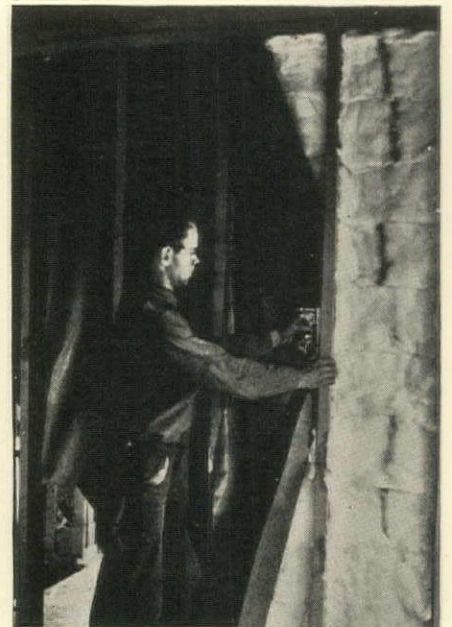
This detail of the entrance shows the copper flashing which was carefully applied at all joints to prevent any possibility of leakage. Windows, roof and chimney are all similarly treated



Sound deadening may be an important detail. This plumbing stack in the dining room wall is completely wrapped in sound deadening felt



The chimney stands free of the structure. Wood and masonry never settle or shrink equally and if tied together can cause serious distortion



Adequate insulation, whether of the type shown here or of another equally efficient, is recognized as essential today in the well-built house

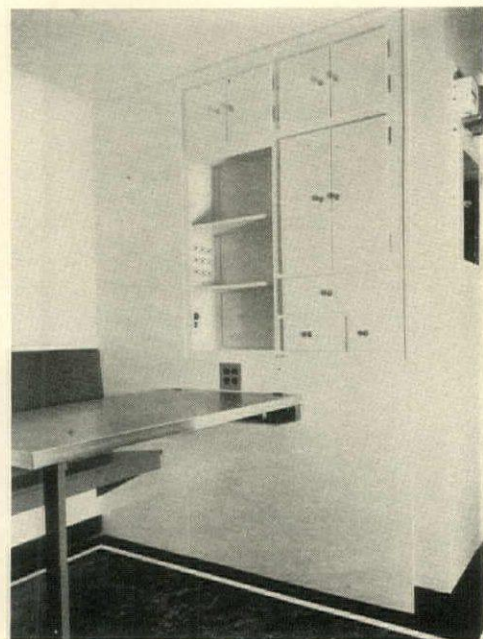


A practical plan for "turning the corner" with equipment. Note the exhaust fan in the furred ceiling

*In the kitchen the three work centers are arranged in an open U-shaped plan, providing a separate corner space for dining table and seats*



The section of maple work top, used for cutting and chopping is left open below to provide knee room



Useful cabinets and book shelves are built into the wall behind compact, comfortable dining space

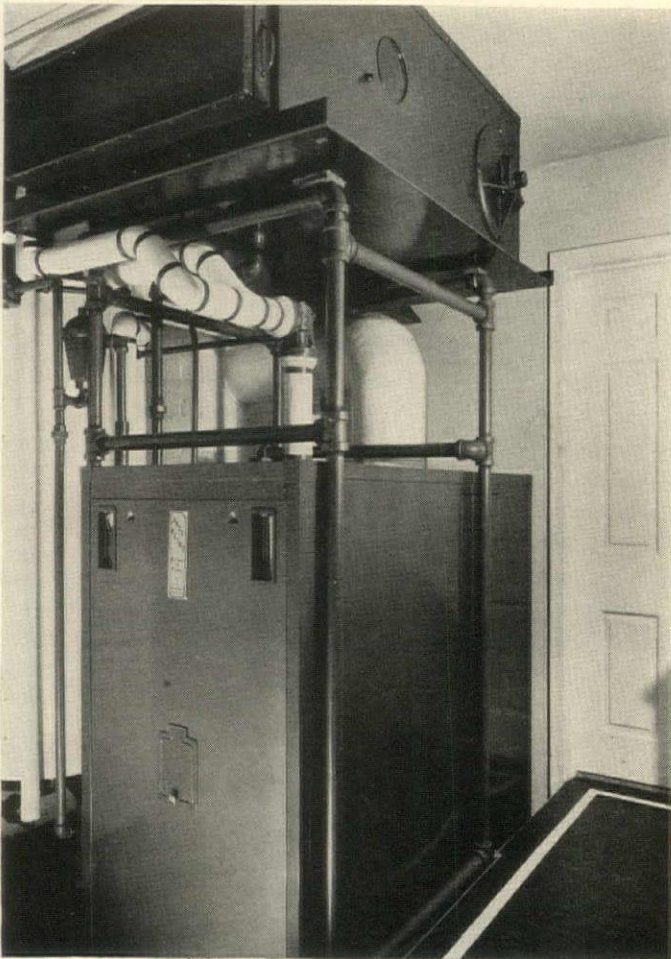
be as near trouble-free as possible, since repairs are expensive—union wage scales are, say, \$12 per day for plumbers and \$13.20 for electricians, on top of which you have to consider the added costs of overhead and profit.

To build a good house structurally and mechanically is not enough, the house must be equally good architecturally. Some people have progressed so far with the “moderns” as to care chiefly for utilitarian perfection. But most people demand that their “machine for living” shall also have architectural beauty, style, and character.

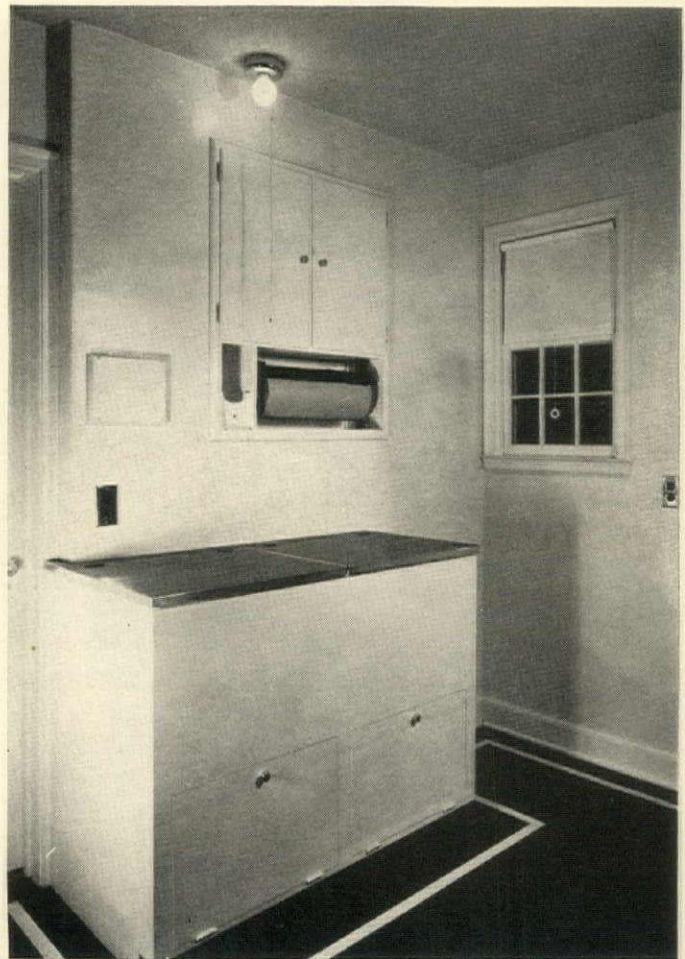
To hope for such a happy combination is not unreasonable, as this house shows. The house is of genuine Connecticut design, following authentic precedent. Standing in a handsome setting among fine trees, it reproduces the true atmosphere of old Connecticut.

Five important architectural features assert its genuine Connecticut character: its simple shape and pleasing proportions, its substantial central chimney, the windows with 24 small panes, the narrow siding (clapboards laid only  $2\frac{3}{4}$  inches to the weather), giving the outside wall surfaces a rich and interesting texture, and the dignified front entrance with broken pediment, typical of important houses in the best period of Colonial building in the Connecticut of the late Eighteenth Century.

If this combination of good architectural design with good engineering and construction were to run up the cost unduly, it might place it beyond the reach of the average purchaser. Fortunately, however, this house shows that complete pre-planning, with good design, and with the whole process performed by one organization, actually eliminates so many wastes, inefficiencies and unproductive expenses that the total cost easily competes with that of other houses of the same size.



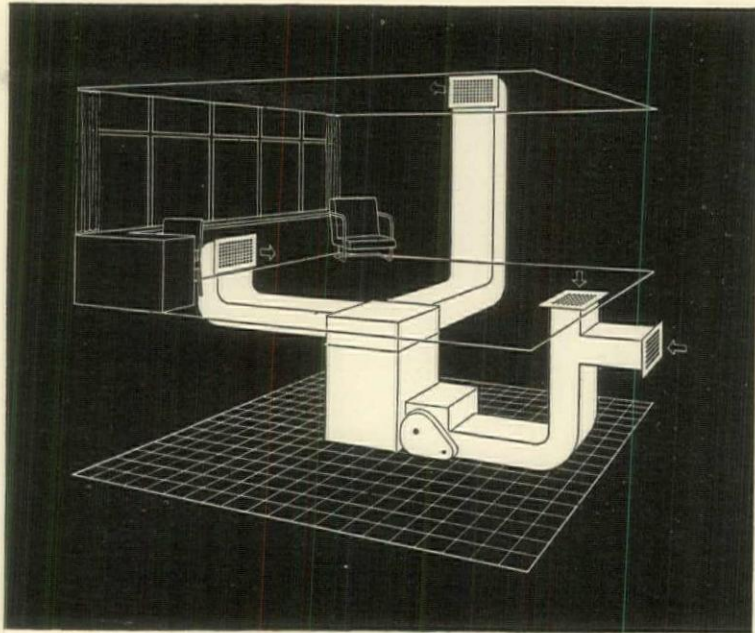
The efficient air conditioner, which rests on an independent footing, is separated by sound deadening material from the rest of the structure.



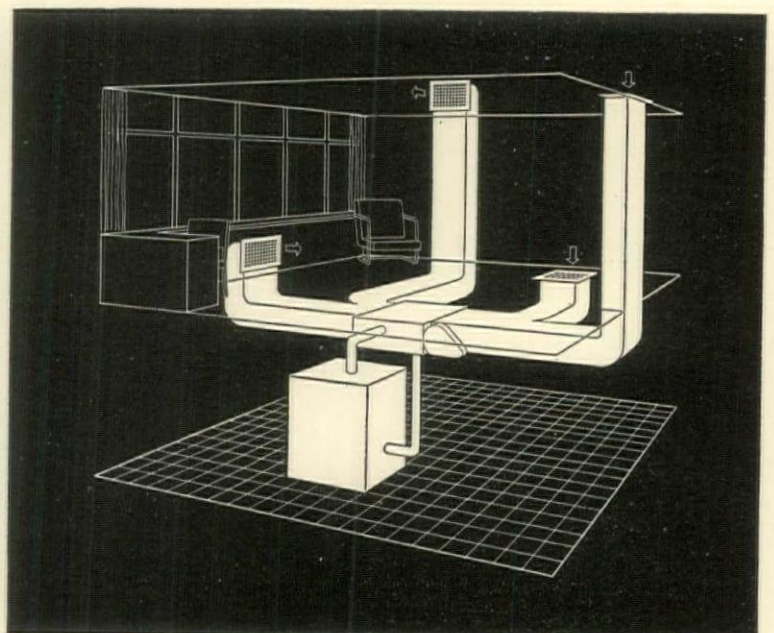
The worktop over laundry tubs is useful for such odd-jobs as wrapping packages, fixing flowers. Note cabinet above and space below for vases

---

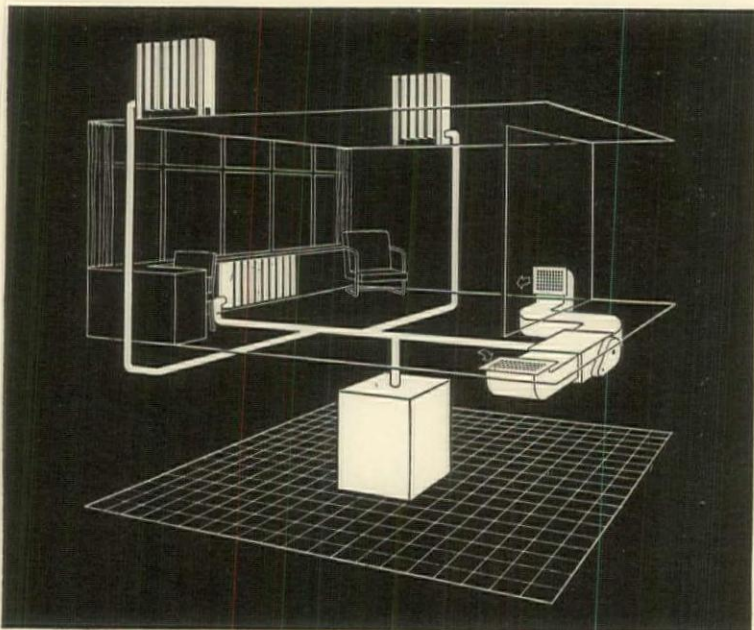
*In the foregoing eight pages, we have analyzed the construction of a well-built house and pointed to the faults commonly found in jerry building. In the following pages, we present for home-owners, builders and buyers the equipment and information needed to secure “a better house for your money in 1938”*



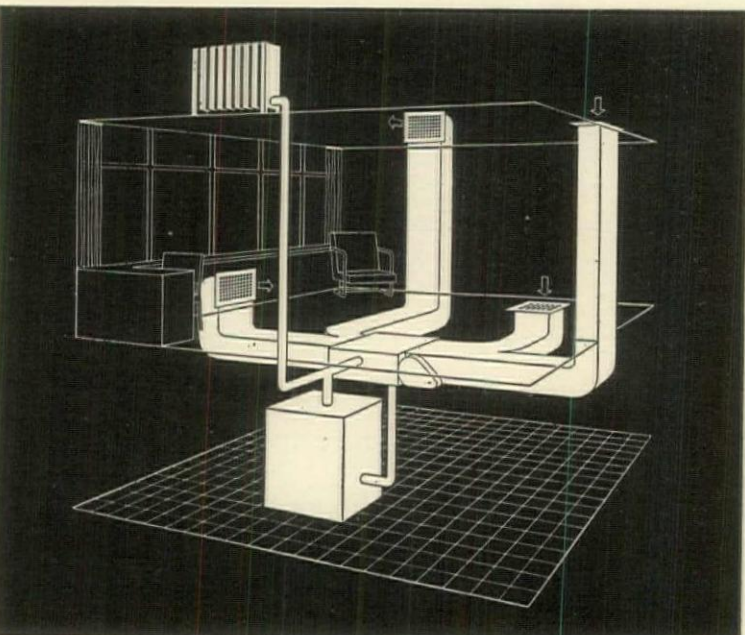
THE DIRECT FIRED SYSTEM is the simplest type, consisting of a furnace directly connected to supply and return ducts. Blower, air cleaner and humidifier are usually connected to the furnace casing. Requires separate domestic hot water supply



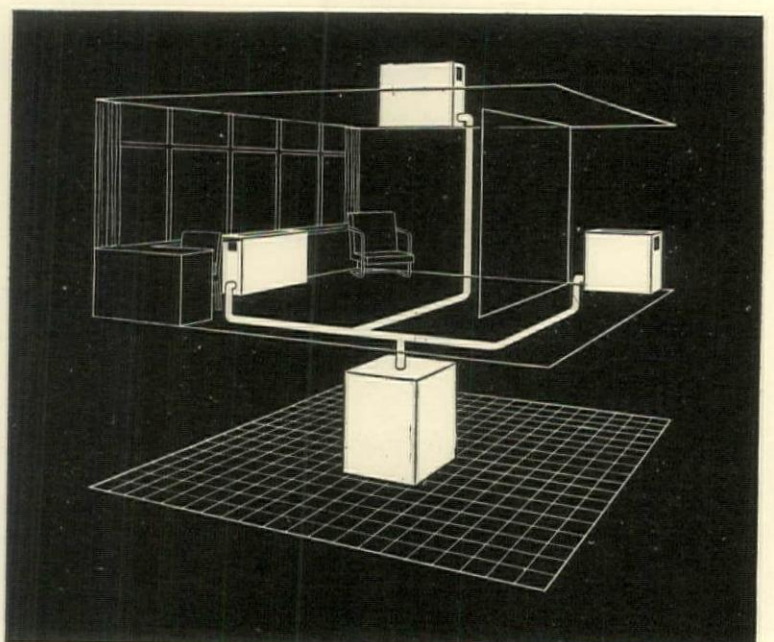
THE INDIRECT SYSTEM employs a boiler to furnish heat to coils in the conditioner, thereby differing from the direct fired system. Removes possibility of combustion noises being carried through duct system. Domestic hot water supplied by boiler



THE AUXILIARY SYSTEM, as this is usually called, supplies heat directly to all rooms by means of radiators, and conditioned air, where desired, by means of an auxiliary conditioning unit. Adaptable to existing heating systems using any type of radiators



THE SPLIT SYSTEM provides for direct radiation to certain rooms, such as bath, kitchen, and garage, and complete air conditioning to the rest of the house. Keeps kitchen or other odors from being recirculated. Otherwise like the indirect system



THE UNIT SYSTEM uses any type of vapor or hot water heating system supplemented by unit air conditioners in whatever rooms conditioning is desired. Economical if one or two rooms only are to be conditioned; also adapted to gradual modernization

## 5 SYSTEMS

*Here are the principal types of modern heating and air conditioning systems. Each has its own advantages and special applications which determine its relative value for a specific case*

# HEATING & AIR CONDITIONING

*A four-page, non-technical review of all modern types of systems, including an analysis of the five essential functions of air conditioning. By Tyler Stewart Rogers*

IF YOU relish the pure luxury of comfort and want it in your home, you will find many new things to consider in the selection or improvement of your heating plant. Comfort of body, of mind and of purse all depend, in surprisingly large measure, upon four things: how you heat your house, how many of the elements of air conditioning you provide for, summer and winter, how you use automatic devices to control the installation, and the way in which you insulate against outdoor heat and cold.

So many new advances have been made in heating, air conditioning and insulation that an owner, building or modernizing today without knowledge of them, will have an out-of-date house before the workmen leave! Here, and in a separate article on insulation, you will find new facts—some fresh from scientific laboratories—that will help you decide what best you can do to secure comfort and its companions, health and economy, in your home.

Too many people still think air conditioning means cooling and is too expensive to consider seriously. Neither is true. Air conditioning means treating indoor air for human comfort and health. Such treatment is more important in winter than in summer, particularly for health. And summer comfort can be had, at surprisingly little cost, without cooling as it has been practiced in past years.

Human comfort exists within a very narrow range and depends on three things: temperature, moisture (or relative humidity) and motion of air. Health is governed by these same three things plus cleanliness of the air; which means freedom from dust and pollen that cause common forms of hay fever and asthma, and the elimination of obnoxious gases, smoke and odors. What few people realize is that neither temperature, humidity nor air motion alone produce comfort. It is always a combination of all three. You can be comfortable on a very hot day, with air temperature indoors just as high as it is in the shade outside if the relative humidity is low and there is enough motion in the air to keep the skin "ventilated". And you can be equally comfortable in winter in a room heated only to 68° F. if the relative humidity is high and there is sufficient air movement to keep the heat well distributed without drafts.

It takes the skill of a vaudeville artist to keep these three things, temperature, moisture and motion, like the oranges the juggler tosses, all in proper relation to each other. In fact it cannot be done by the human hand alone. Thermostats and humidistats and other automatic devices, all far more sensitive to change than the human body, must be put to work, in unison, to keep conditions from getting out of balance. The best air conditioning units the market affords will not produce comfort without automatic control and the least expensive installations will do wonders if adequately

equipped with controls of modern design and sensitive action.

While it is not wholly true that the more you spend on automatic control devices the less you need spend on heating or air conditioning equipment, it is beyond question that both comfort and operating economy are closely related to the quality of the controls you buy.

These highly important, though broad observations should be kept constantly in mind as you consider the kinds of equipment you will choose for your home.

Upon your choice of a heating system depends the manner in which you may now, or at a later date, provide the remaining elements of air conditioning, but it does not limit the completeness of your ultimate installation. That is, with any kind of heating you can have any degree of air conditioning, though some types of systems allow the addition of conditioning equipment at much less cost than others.

Shown opposite are the five types of heating systems from which to make a choice. You will note that one, the Direct Fired system uses a warm air furnace; all the others use a steam or hot water boiler. Air is circulated to whatever rooms require air conditioning by four of the five types, and the fifth—the Unit System—circulates air in the individual rooms by means of fans or blowers self-contained in cabinets or air conditioning units in each room. Obviously it is more expensive to buy and operate a half dozen or more units, one for each room in a house, than to have a central unit serving them all, so the Unit System is only to be considered in modernizing a home or a few rooms at a time, or for apartments, office buildings, restaurants and similar commercial or rented space.

Since air motion and air cleaning are essential parts of air conditioning, summer and winter, a certain amount of ductwork is needed to circulate the air from the blower and cleaning device to the rooms and back again. In existing houses already heated by steam or hot water, the most economical installation is an Auxiliary System. This takes air from the floor of one of the living rooms, down through a duct on the basement ceiling (or under the floor) to a cabinet containing a fan or blower, a filter or water spray for cleaning the air, a heating coil to temper it enough for comfort, and some type of water pan, spray or wet screens that will add needed moisture in winter. From this cabinet the conditioned air goes out through another duct to a baseboard or side-wall register in another part of the living space where it diffuses its moisture to benefit all the adjacent space, and keeps the remaining air gently stirred to motion.

This system is inexpensive to install, usually costing from \$250 to \$350 complete. It does a complete winter conditioning job in the rooms it serves, but it cannot reach the

upstairs rooms or any space shut off by closed doors.

For new homes that leaves three systems from which to choose if complete air treatment will ever be wanted. The first is the Direct Fired system which is a good old-fashioned warm air heating plant brought up to date and so vastly improved as to bear little resemblance to its parent. The old style furnace, from which heat rose by gravity through an octopus of sloping pipes to the rooms above, has been redesigned in cast iron or steel boiler plate, enclosed in an attractive cabinet and equipped with a blower, filters or air washer and humidifier. The sloping pipes have been replaced by neat rectangular ducts flat against the basement ceiling or hidden between the joists. Other ducts bring air back from the principal rooms to be refreshed and recirculated. An oil burner, gas burner, automatic coal stoker or a self-feeding coal magazine is now included to make the plant more or less completely automatic in operation.

Advantages are these: the Direct Fired system is the simplest of all and in compactly planned houses is usually least costly. It provides complete winter air conditioning and by slight additions to the ductwork, it may be readily adapted to complete summer air conditioning. It can be controlled cen-

trally by automatic devices, but there is no simple way of controlling individual rooms. Limitations include: (1) Some auxiliary domestic hot water heater must be installed as a furnace provides no satisfactory water heating method. (2) Kitchens, baths and garage, from which it is not desirable to return air into the circulating system, should be provided with ventilation to the outside, and fresh air brought in elsewhere to replace the warm air lost (not necessarily a disadvantage). (3) The noise of oil burner flames or of other mechanical devices may be "telephoned" by the duct system to quiet rooms unless special precautions are taken.

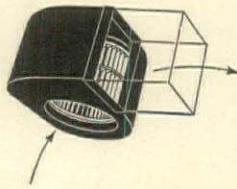
The other two systems, Indirect and Split systems, may be considered together as they are alike in all but one respect. Both generate heat in a steam or hot water boiler, both provide domestic hot water by indirect heating coils in or attached to the boiler, both have duct systems for circulating and air conditioning air by means of a blower, filter or air washer and humidifier. Both systems may be adapted to summer air conditioning by simple additions.

The difference lies in this one fact: In the Indirect system all of the heat generated in the (Continued on page 42)

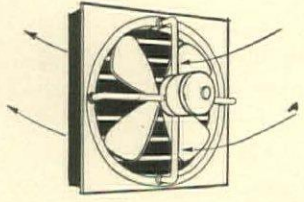
*A simplified and graphically illustrated list of the five vital elements of air conditioning systems, described in the accompanying article, which will serve to bring health and comfort to your house*

### Fans for air motion and air circulation

To distribute conditioned air to the proper rooms in the house or to move the air in the Summertime, an efficient and noiseless blower of this type is employed

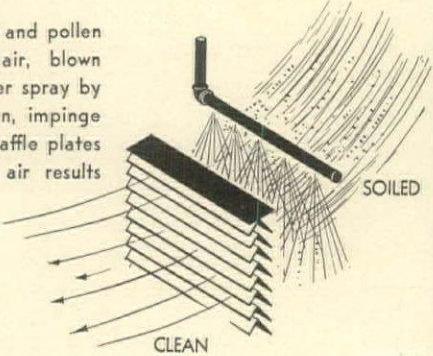


Fans are used for ventilating kitchens and (in heavy duty types) for forcing Summer heat out of attics and drawing cool night air up through the house

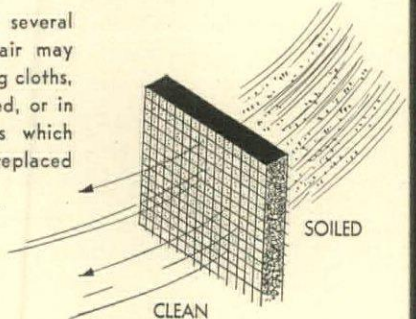


### Air filters to remove dust and pollen

Particles of dust and pollen in the soiled air, blown through the water spray by action of the fan, impinge on the sloping baffle plates and clean, dry air results

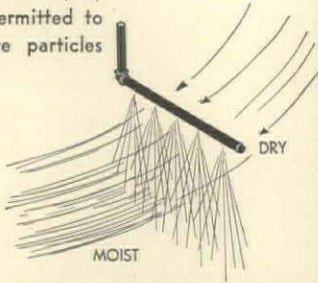


Dry filters are of several types. The soiled air may be caught in filtering cloths, which can be washed, or in mineral wool filters which may be cleaned or replaced

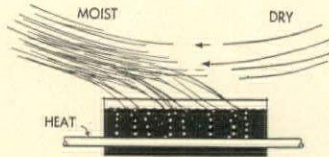


### Humidifiers for air that is too dry

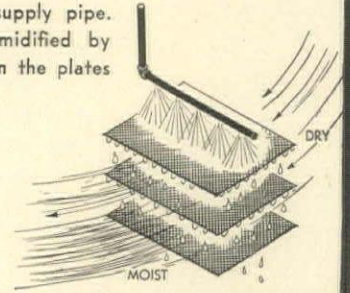
As in the case of spray filters, air that is to be humidified may be forced through a warm water spray by a fan and permitted to take up moisture particles



The tea-kettle is a good humidifier, and this apparatus follows the tea-kettle principle. Dry air is drawn over heated water and picks up necessary moisture

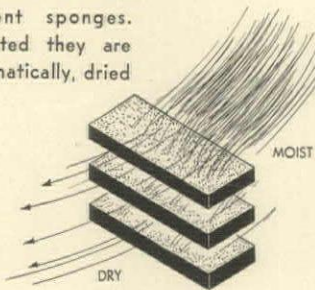


A third type of humidifier employs a series of screens through which tepid water drips from a supply pipe. Dry air is humidified by passing between the plates

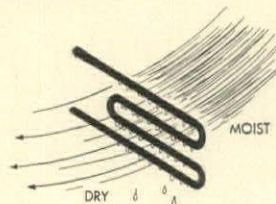


### Dehumidifiers for air that is too moist

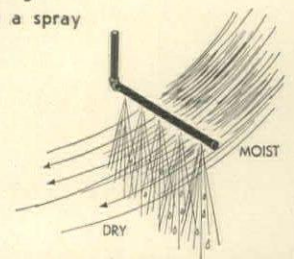
Certain chemicals, usually in granule form, will pick up water from the air like super-efficient sponges. When saturated they are quickly, automatically, dried



An ice-water pitcher dehumidifies air by condensing moisture on its cool surface. So if you pass air over coils containing a refrigerant, the moisture will be condensed

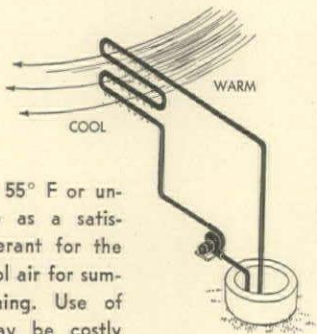


Like the first apparatus in this row, this one absorbs moisture from the air by the sponge-process—only in this case the "sponge" is a new chemical in a spray

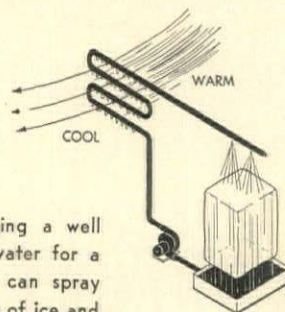


### Cooling system for summer air conditioning

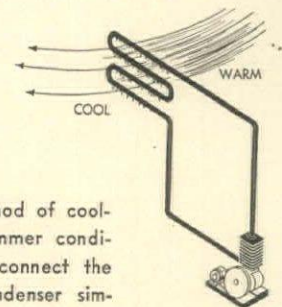
Well water at 55° F or under will serve as a satisfactory refrigerant for the coils which cool air for summer conditioning. Use of city water may be costly



Instead of digging a well to secure cold water for a refrigerant, you can spray water over blocks of ice and pump it through the cooling coils in the air stream



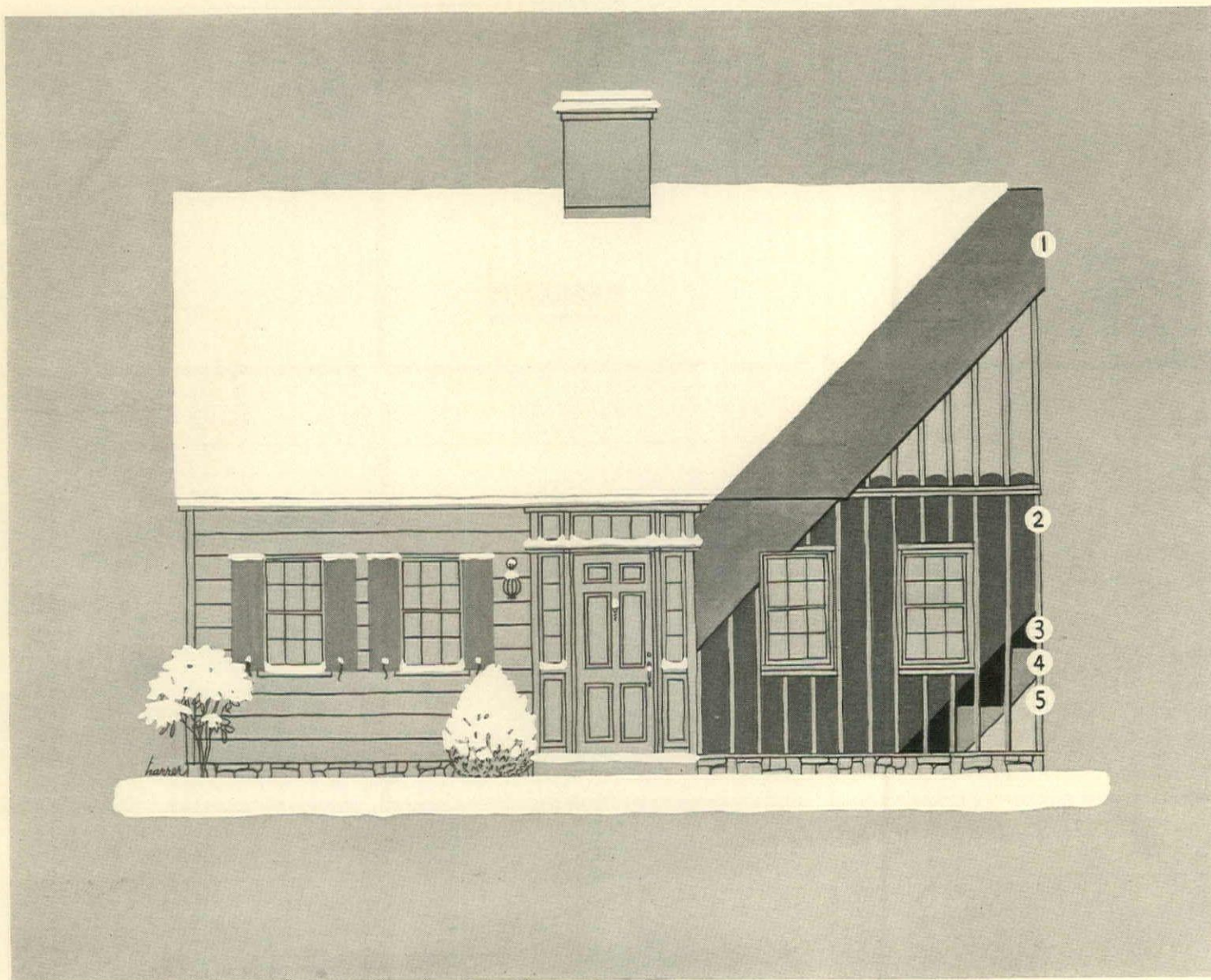
The usual method of cooling air for summer conditioning is to connect the coils to a condenser similar to an electric refrigerator cooling mechanism



### Comparison of Boiler-Radiation Type Heating Systems for Houses

Read columns across, not downward. "A" represents cost or performance most favorable to owner, other letters in order of desirability. Ratings are approximate only and may vary considerably.

CHARACTERISTICS	ONE-PIPE SYSTEMS		TWO-PIPE STEAM SYSTEMS			TWO-PIPE HOT WATER SYSTEMS	
	STEAM	VAPOR	VAPOR	VACUUM	FREE-VENTED	GRAVITY	FORCED CIRCULATION
Initial Cost	A	B	C	D	C	C	D
Operating Cost	B	B	B	C	B	A	B
Responsiveness to call for heat	C	A	A	A	B	D	A
Uniformity of heating effect	D	C	B	B	B	A	A
Ease and precision of control	D	C	A	A	A	C	A
Can radiators be installed on same floor as boiler without extra equipment?	NO	NO	NO	YES	NO	YES	YES
Is special equipment needed for summer domestic hot water?	NO	NO	NO	NO	NO	YES	NO



A KEY TO COMFORT: 1. Sheathing, 2. Insulation, 3. Moisture-proof paper, 4. Plaster base, 5. Plaster

## COMFORT CODE

Of first importance to every home-builder and home-owner is the following 4-page article on Insulation, by Tyler Stewart Rogers.

Certain fundamental laws, which must govern the proper installation of all insulating materials have been discovered by a recently completed, year-long research into the behavior of this essential protection,

under modern conditions of heating and air conditioning. For maximum comfort, efficiency and economy, these laws must be followed.

Mr. Rogers, a member of the Research Committee on Insulation of the American Society of Heating & Ventilating Engineers, has based his article on this scientific data. He answers such questions as:

*How is insulation related to air conditioning?*

*Should wall construction be made airtight?*

*Why should asphalt paper be used inside and not outside of insulation?*

*What is the cause and cure of moisture condensation on windows?*

*How should attic insulation be applied?*

*Where does most of the heat escape in winter, and where does most of the heat enter in summer?*



# INSULATION

*Out of an ordinary refrigerator came a new principle that is revolutionizing insulation practice and improving results—told for the first time by Tyler Stewart Rogers*

OUT of an ordinary electric refrigerator has come some amazing new knowledge about the proper use of insulation in houses. It is knowledge of significance to every person who has insulated or is about to insulate a house. It shows how to get better performance from materials that are already essential to good construction and comfortable living. It shows how to make house insulation work hand-in-hand with heating and air conditioning in the most effective manner.

The fact that a household refrigerator was responsible for these new discoveries was quite accidental. It was employed for preliminary tests before undertaking a long and costly research program to find out what actually happened when insulation and air conditioning were used together.

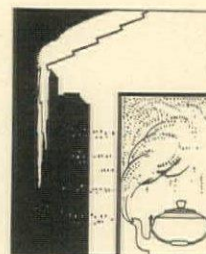
Scientists have long known that home insulation greatly increases indoor comfort, summer and winter; that it pays back its own cost in fuel savings or less costly equipment in a very short time; and that adequate insulation, including weatherstripping, double windows and awnings is essential to the satisfactory performance of modern heating, cooling and air conditioning equipment.

They have long suspected that the combination of winter air conditioning (particularly humidification, which is so desirable for both comfort and health) and the tighter and superior construction resulting from insulation, weatherstripping and winter storm windows might create a new set of conditions which could prove troublesome. In recent years they observed that dampness and often frost were forming in the insulated walls and roofs of a small but growing number of houses and that continued dampness might harm the structure and increase heating costs.

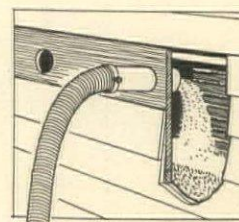
Long before the average home owner was aware of any conflict between insulation and air conditioning, the experts decided to learn more about the causes and cure of dampness in insulation. The quickest and easiest way to find out what happened when wet insulation was exposed to cold was to use a domestic refrigerator, which is like a house in winter turned inside out. That is, in a house the interior is warm and the outside is cold; in the refrigerator, the outside may be kept warm while the inside is made very cold.

So a modern household machine with a solid steel body was taken apart, the insulation unpacked from its wrappings of waterproofing material, put back without any protection against moisture, and the cabinet reassembled. Water was then poured into the insulated walls through a few holes drilled in the steel top, until the insulation was dripping wet. These holes, all seams in the outside casing, and the door itself were then sealed with asphalt and gums until neither air nor moisture could get in or out. However, holes were left in the inner lining between the wet insulation and the chilling unit.

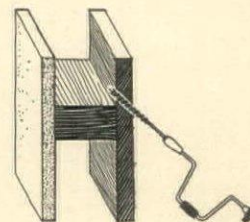
Within seventy-two hours after the refrigerating machine was put in operation, the insulation was bone dry! All the water had been drawn to the chilling unit which was thickly coated with ice and frost.



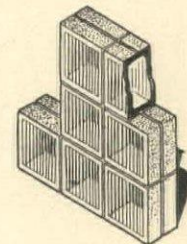
A year of insulation research, as described on the opposite page, has proved that indoor moisture, as from a tea-kettle, can pass as vapor (see black and white dots) through many materials that will stop air



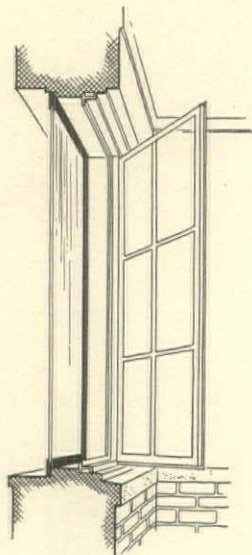
The new insulation theory is that walls must be allowed to "breathe" to the cold outer air. If insulation is blown into a shingle or clapboard wall, don't close the holes, just cover with the clapboard or shingle



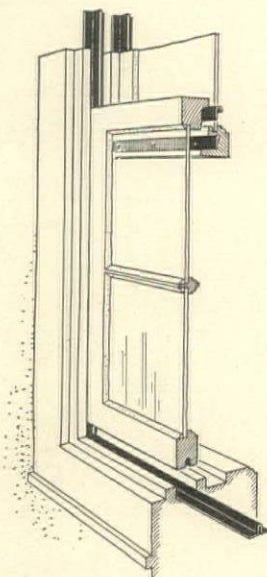
In existing construction, if it becomes apparent that a severe moisture condition is present, it may readily be released by removing a clapboard and cutting holes in the sheathing or waterproof paper



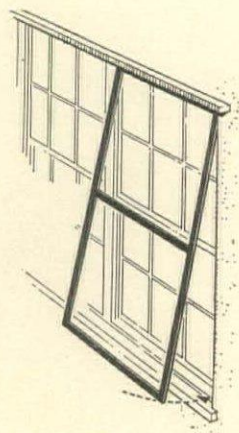
The modern glass structural unit is hollow and affords a considerable degree of insulation by reason of the dead air space contained within them. Sun heat passes through them, however



Adjunct to winter insulation is the storm window, here seen in modern form for casements



Of great importance to comfort is adequate weatherstripping of all doors and windows



Another type of storm sash, this one being designed for use with double hung windows

Here was dramatic proof that moisture in walls would move toward a colder area if it could escape in the form of vapor! That insulation would dry out of its own accord in cold weather, if the water vapor could get through the outside walls. With this as a start an elaborate research program was established in which small structures built exactly like houses were tested in a huge cold room where temperatures down to 30 degrees below zero could be maintained for weeks. Inside these four foot square houses air was kept at a temperature of 70° and at a relative humidity of about 44%, which represents ideal comfort conditions indoors in winter. Professor Frank B. Rowley of the University of Minnesota, the country's foremost insulation research authority, directed these tests, the first stage of which was reported in January of this year.

Here are the facts proved by this research, in terms that apply to every house and to every type of insulation:

Indoor moisture, created by cooking, washing or the operation of humidifiers, can pass as vapor through almost all building materials, including wood, plaster, brick and ordinary building papers. This vapor moves independently of air; that is, moisture will go through materials that will stop air.

Some materials are easier for vapor to penetrate than others. So the quantity of moisture that gets into a wall or roof from indoors depends in large part upon the materials that stand nearest to the warm inside surface. And the refrigerator experiment showed that if given a chance the vapor will continue to move out to the cold air. Dampness, in other words, would only tend to stay in walls or roofs if it could get in and were trapped there, or if it could get in faster than it could escape.

To reduce the likelihood of dampness, with its consequent tendency to lower insulating effectiveness, it is only necessary to use materials on the warm side of a wall, floor, ceiling or roof that are good barriers to water vapor. In effect, to seal these surfaces close to the indoor air where the moisture originates.

To remove what little moisture might get through this first barrier or vapor seal, it is only necessary to make sure that materials on the exterior or cold side do not form impassable barriers. They should, however, be good barriers to wind and weather.

Several readily obtainable materials make effective vapor barriers. Best is an asphalt impregnated sheathing paper with a glazed surface in a weight of 50 pounds per roll of 500 square feet. Two coats of aluminum paint and two coats of certain oil paints proved effective. Other kinds of building paper are effective in varying degrees; some of them are quite porous and may be used to stop wind without stopping vapor. Others retard vapor so much that they should not be used on the cold side of a wall and are not effective enough to use on

*Weatherstripping and storm windows are essential aids to insulation, and mandatory requirements for economical and efficient air conditioning*

the warm side. Tests on many other materials are being continued.

So the practical application of these new discoveries is simple. Here are the things to do:

If your house is already insulated and is one of the few that shows signs of dampness in the walls or roof it is probable that a sheathing paper under the outer finish is too much of a barrier to vapor and keeps moisture in the wall. Have a carpenter take off some of the siding and cut the paper along a joint in the sheathing, or perhaps replace a strip with a wind proof but porous paper. If the barrier is not a paper, or cannot easily be reached, it may be desirable to puncture the vapor seal. The siding can be restored without showing the "breather" holes thus formed. If necessary, numerous smaller holes can be drilled through the siding in an upward direction so that rain cannot enter.

If your house is not yet insulated but you are planning to install the kind that is blown into walls and inaccessible ceilings, the workmen will leave holes under the exterior finish which will allow the wall to breathe to the cold outer air. Whenever any other type is installed, it may be desirable to see that the outside sheathing paper already in place is provided with breather holes unless it is of porous character.

Of course, if you are insulating an unfinished attic or other space where you can work as with new construction, the problem is simplified. For in all new work where the framing members are exposed, it is easy to put an efficient asphalt paper vapor seal over the insulation on the warm side before applying the plaster base and plaster.

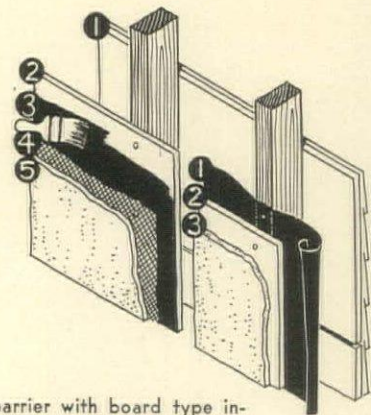
When placing insulation in ceilings under unfinished attic floors the asphalt paper should go in next to the plaster base. Just remember that you want to stop vapor as close as possible to the warm interior finish and that there should be no sealing between the insulation and the cold side. The drawings show where to place the seal with each of the four kinds of insulation.

You still may make an unhampered choice of insulation because the newly discovered principle applies equally to all types, rigid board, flexible blanket, fibrous or mineral fills and reflective metals. Condensation is not partial to one or the other; it occurs with all when outdoor weather is cold and indoor air is moistened. It is probable that metal foils are effective vapor seals in themselves though no research has been undertaken to prove this point; but since foils are usually installed with an asphalt paper to protect them during plastering the question is largely academic.

All types of insulation are effective when properly used and correctly installed. Your choice may literally be made on the basis of final cost for any desired degree of insulating value. Cost depends on your construction, labor rates and shipping costs. Some materials add fire (Continued on page 46)

*Types of insulation may differ in form and in method of application, but in no case should a moisture proof barrier be used on the outside*

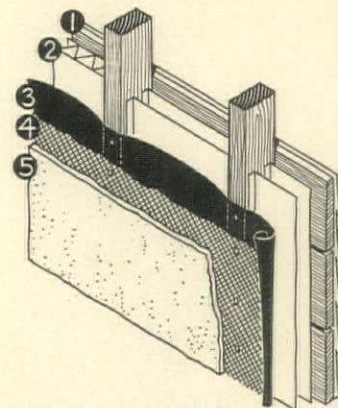
- 1 sheathing
- 2 insulation
- 3 vapor barrier
- 4 lath
- 5 plaster



- 1 vapor barrier
- 2 plaster base
- 3 plaster

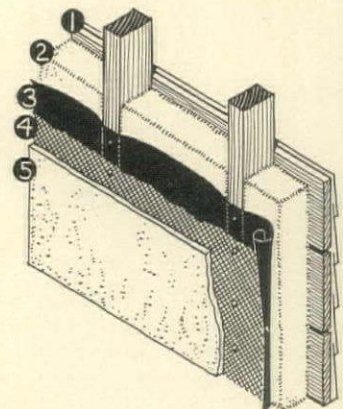
Placing the vapor barrier with board type insulation; most practical method at right

- 1 wood sheathing
- 2 insulation
- 3 vapor barrier
- 4 lath
- 5 plaster



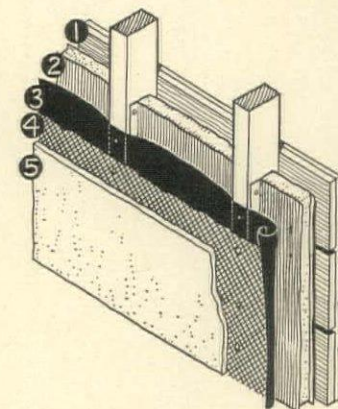
Reflective insulation serves as a vapor barrier but extra protection under the plaster base is desirable

- 1 sheathing
- 2 insulation
- 3 vapor barrier
- 4 lath
- 5 plaster



With any fill or bat type insulation, place an effective barrier to vapor on the warm side

- 1 sheathing
- 2 insulation
- 3 vapor barrier
- 4 lath
- 5 plaster



Blanket type insulation, like all others, should have a moisture stop under the plaster base



GENERAL ELECTRIC

*A lighting plan as modern as the room*

# LIGHTING

*How to measure the amount of light in your home, determine the quality best suited to your needs, and take simple measures to install wiring systems which are effective and efficient*

As significant as modern furnishings, glass walls and colorful hangings in the home of today is the utilitarian and decorative value of good lighting. For not even the best interiors can be fully appreciated until planned lighting gives true values to the work of the decorator and architect; nor can complete comfort be experienced until lighting is adequate and flexible enough to fill the wide range of living requirements.

Fortunately new discoveries of the relationship of light to sight and the decorative possibilities of home illumination have made modern lighting as simple to understand as it is easy to install. Lighting is not a casual matter of scattering lamps around the home with one or two powerful bulbs "to read by". And artificial light strains the eyes only if the amount of light and the way in which that light is distributed are contrary to certain simple rules.

The amount of light in each room may seem sufficient until used over a period of time or for special tasks. The most accurate method of checking the amount of light at each desk, chair, or sofa is to avail yourself of a free service offered by most lighting companies throughout the country. In response to your phone call a trained employee will be sent to your home with a light meter. She will give you the number of footcandles (a term used to measure light—actually the amount of light a candle casts on a surface a foot away) in each room and under each lamp. By comparing her findings with the following table based on the recommendations of the Illuminating Engineering Society, you will know the weaknesses in your present lighting system.

	Footcandles		Footcandles
Reading:		Bedroom:	
fine type, prolonged	20-50	general	2-5
ordinary	10-20	bedlight	10-20
Sewing:		dresser, dressing table	
fine on dark goods	100 or more	mirrors	10-30
average, prolonged	50-100	Sewing machine	20-30
light goods, prolonged	20-50	Bathroom; mirror	10-30
light goods, ordinary	10-20	Children's playroom:	
Writing	10-20	general	5-10
Card Playing	5-10	local	10-20
Children's study table	20-50	Stairways, Landings	2-5
Diningroom (unless used		Workbench	10-30
for reading, etc.)	5 or less	Ironing board, Ironing	
Kitchen:		machine	10-20
general	5-10		
local at work counters	10-20		

You will notice in the above table a wide range of intensities which have been found ideal for their various pur-

poses. This is sufficient proof that the same lamp cannot be used for all kinds of reading, writing, sewing, etc., unless that lamp has extra candle-power which may be turned on for producing higher amounts of light and unless the light it gives is supplemented by general lighting in the room.

And now that the amount of necessary light has been determined, it would be well to total that quantity and check with the cover of this manual to see whether you have sufficient wiring to carry in the electricity you will need. It is important to consider well that early wiring systems were installed to provide light only. The advent of portable lighting fixtures made additional outlets a necessity—and increased the load on the system. At that time, a system was usually considered "adequate" if there were enough outlets.

Our ever-expanding use of electricity has now brought a host of other appliances and devices, all served by the same overworked wiring system. As a consequence, the demand often exceeds the available supply of power; lights flicker or give poor illumination; circuits are overloaded.

Today our word "adequacy" has come to mean not merely sufficient outlets, but a sufficient supply of power to each circuit and the proper design of circuits so that no one is overloaded. The size of wires is now recognized as of first importance, just as the size of a pipe is important in assuring an adequate water supply. If you are building, or remodeling, do not neglect to insure your home a modern, well-designed and adequate wiring system. It is a fundamental requirement for good lighting, for convenience and for economy.

The way in which the light is distributed is the other factor necessary for your comfort. Research tests have established the fact that harsh contrasts are harmful and distracting. It has been found that a ratio of 10 to 1 is the minimum for eye comfort. Thus if 20 footcandles are provided at the work level by a desk lamp, there should be 2, or better still, 4 footcandles of light in the surrounding area of the room. This general lighting is afforded by light reflected from the walls or ceiling or from some special reflector which serves the same purpose. From this general illumination which is either indirect or semi-indirect, pleasing decorative effects are obtained. The use and arrangement of these fixtures vary in the same degree as the proportion and style of each individual room. Some of the more common forms are noted here:

*Cove lighting*, which derives its name from the curved moulding, near the ceiling line, in which lamps are concealed—reflects light toward the ceiling. When properly designed an even illumination of the ceiling results—thus affording a uniform level of general illumination (Continued on page 46)

LEFT: The way in which a skillful lighting scheme can subtly develop the character of a room is amply demonstrated in the photograph on the opposite page. There are no blinding or distorting spots of light, but the whole room is unified in a softly diffused glow of light



GENERAL ELECTRIC

BELOW: An indirect light above the dining table affords pleasant illumination over the table and replaces the old-fashioned chandelier

ABOVE: These properly placed lamps measure up to the Illuminating Engineering Society's standards and are identified by the I.E.S. tag in stores

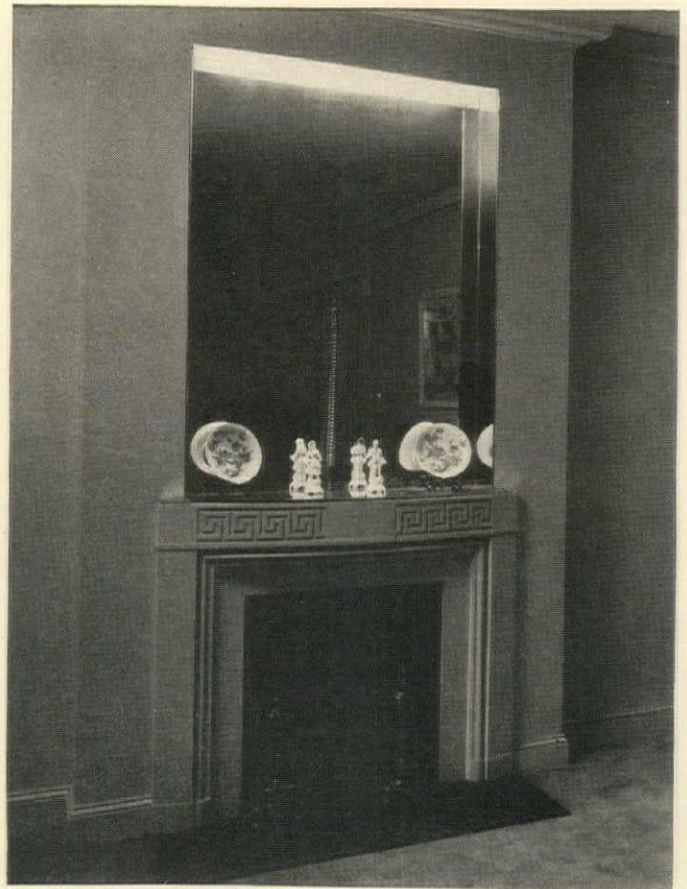
*Even the best interiors need planned lighting to bring out attractive features of decoration*



LEFT: Ceiling fixtures have assumed a new and much more pleasing form, combining the best features of direct and indirect lighting



ABOVE: Where a large window is a focal decorative point during the day, its importance may be preserved at night by the use of clever lighting



ABOVE: Here concealed lighting is used to give added interest to a mirror panel over the mantel and to illuminate dramatically the objects upon it

BELOW: Soft lights over the work centers, and under the cabinets to illuminate counter tops, add to the efficiency of the modern kitchen





NYHOLM

*A standard tub, recessed as an architectural feature of the bathroom*



# BATHROOMS

*New designs, improved fixtures, and a better technique in bathroom planning maintain the traditional high standards of the American bath*

IT IS not mere chance that the American bathroom has come to be used as a symbol of our particular, and peculiar civilization. Our baths deserve both praise and honor, for they combine good design and convenient arrangements with engineering skill and remarkably trouble-free performance. We may object to being judged in terms of bathrooms, but we cannot overlook the improvements which are being developed for our greater comfort.

Since it is obvious that in many houses it will never be possible to reach the "separate bath for each bedroom" standard, careful study has been given lately to the problems of designing bathrooms which can be used with comfort and convenience by a number of people. Probably the most important feature of these new baths is the separation of the toilet from the rest of the room, in the continental manner. Frequently the toilet space has a second door opening directly into the hall so that the bath and toilet can be used independently of each other.

The bath with increased "use value" will of necessity be larger than the compact private bath; there should be plenty of towel rods and storage shelves for clean linen as well as increased cabinet space for toilet articles. In addition to the tub and separate shower, many of these new baths have two wash bowls, perhaps duplicates, set side by side or at different ends of the room. An extravagant gesture this may seem at first, but actual experience shows that they are more than doubly useful.

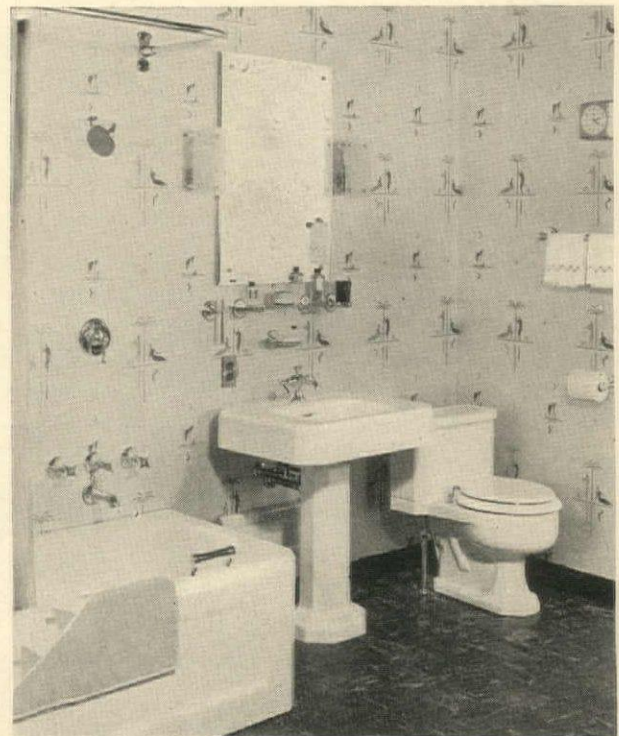
Occasionally we see baths planned in interesting combinations with dressing-rooms to meet many different requirements. The new fixtures are easily adapted to these arrangements and can be selected to fit either a simple modern scheme or a bath-dressing-room done with formal elegance.

There are many possibilities for planning the cabinets and closet arrangements in relation to the bath. A small room located between the bath and bedroom and completely lined with built-in cabinets makes a very satisfactory dressing-room. Built-in cabinets, flush with the wall, have many advantages over the old clothes-closet. Carefully designed and divided into the necessary shelves, drawers, shoe closets and space

for hanging clothes, these cabinets are more convenient for use and decorative in appearance. Standard closet fittings offer many types of extension hanger rods, shoe racks and hat stands adaptable for this type of clothes storage. A particularly good plan for a master's suite provides two separate baths and dressing-rooms opening off the master's bedroom.

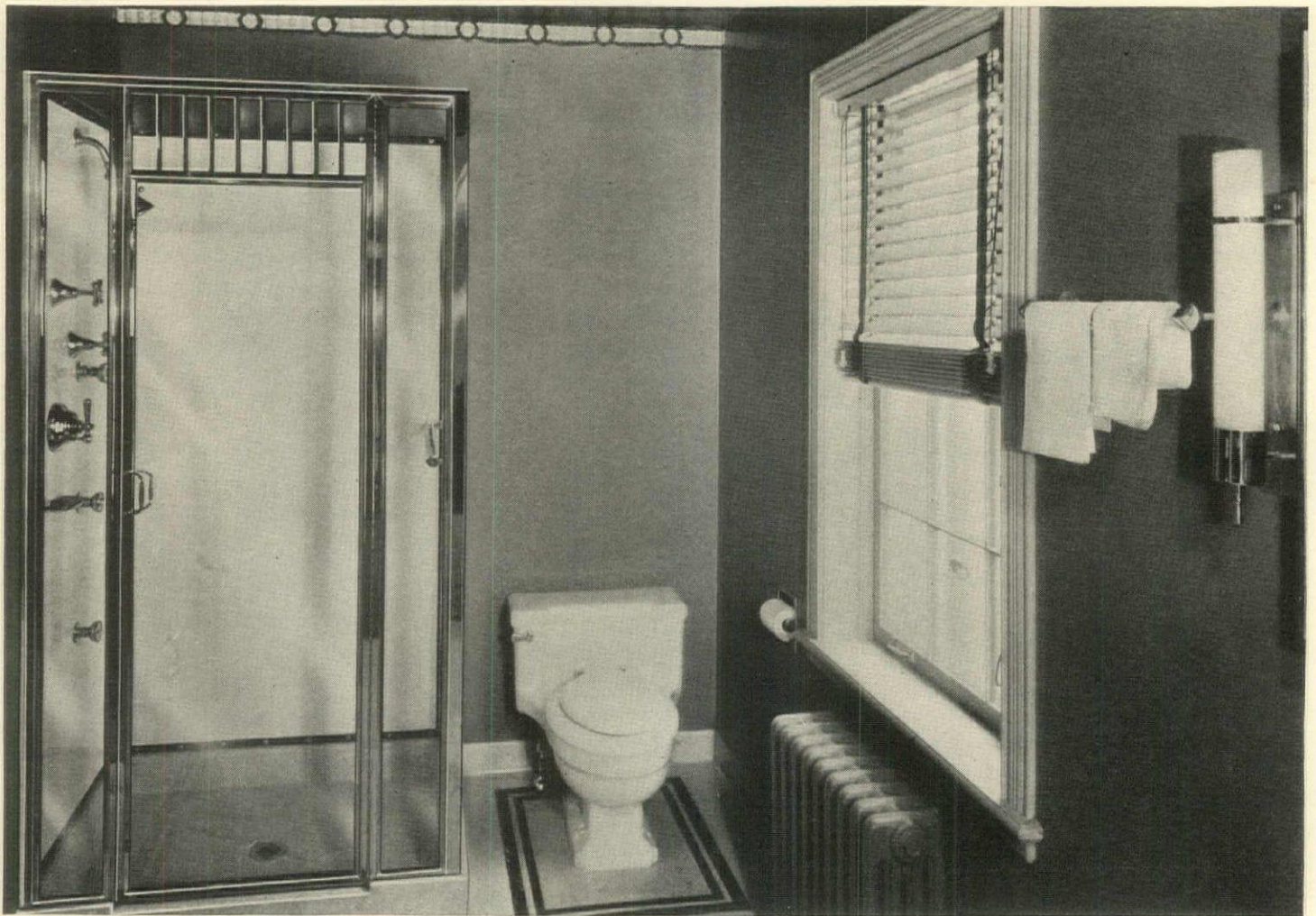
Among the modern wall materials there are many products especially suitable for bathroom use. Walls which are steam-resistant, easy to clean, colorful and attractive can be had in almost any price range. Structural glass panels in white or colors can be used to create a variety of good decorative effects. Both the appearance and the permanence of this type of wall surface make it very desirable. The new glass bricks which admit light but cannot be seen through offer many possibilities for exterior bathroom walls. Used either for the entire wall or in a large panel, these bricks give a pleasant diffused light with no loss of privacy. Linoleum wall coverings, tile or composition panels meet bath requirements and there are also today many paints and wallpapers which will stand up under steam and repeated cleanings.

There have been many improvements in the general design of the fixtures, the most notable being the increase in the table space around the wash bowls. Many models could be used as combination dressing tables. The space below some bowls has been enclosed to provide extra linen storage and convenient towel racks have been developed as integral parts of the supporting frame. *(Continued on page 48)*



A good arrangement with the fixtures along one wall. The bathroom clock and the hand-grip on the tub are modern notes.

OPPOSITE: The use of classic moldings and medallions in combination with washable wallpapers creates a distinctive bath. Of particular interest are the contrasting papers with the same fan motif used dark on a light ground for the walls, and reversed for the tub recess.

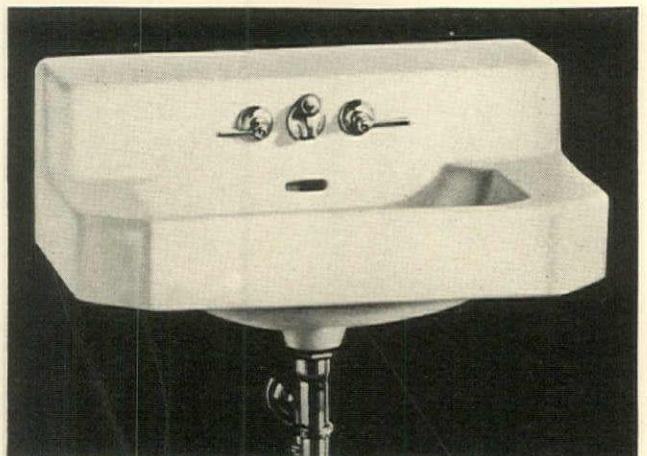


A plate glass enclosure for the modern wall shower has a decorative cornice and dark walls. Fiat Metal Manufacturing Co.

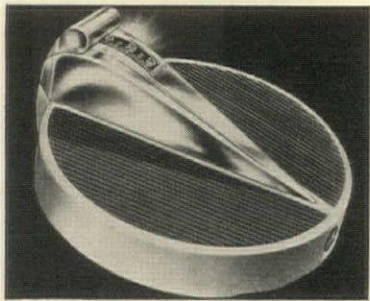


A good example of a complete bath, added during remodeling, in an attic space which had size and head-room problems. Crane Co.

*Although primarily a utility room, the modern bath can have style and decorative unity. The selection of fixtures and accessories should be made with due consideration for appearance as well as for convenience*



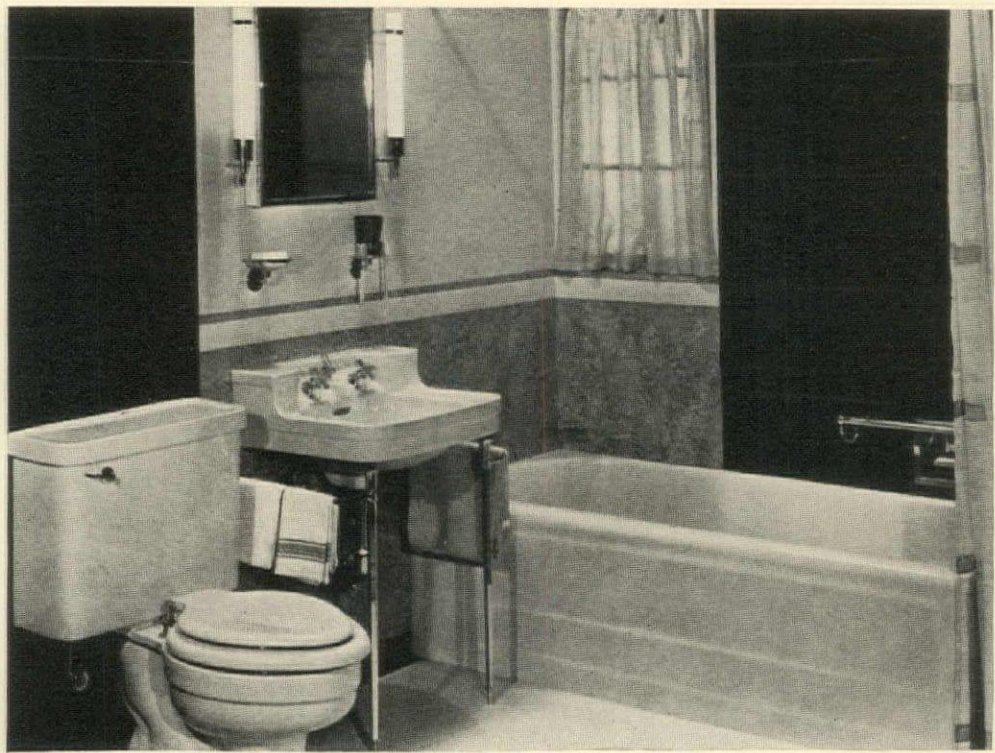
This new wall-type lavatory is a space-saver in small baths. The flat back ledge gives added and convenient shelf space. Kohler of Kohler



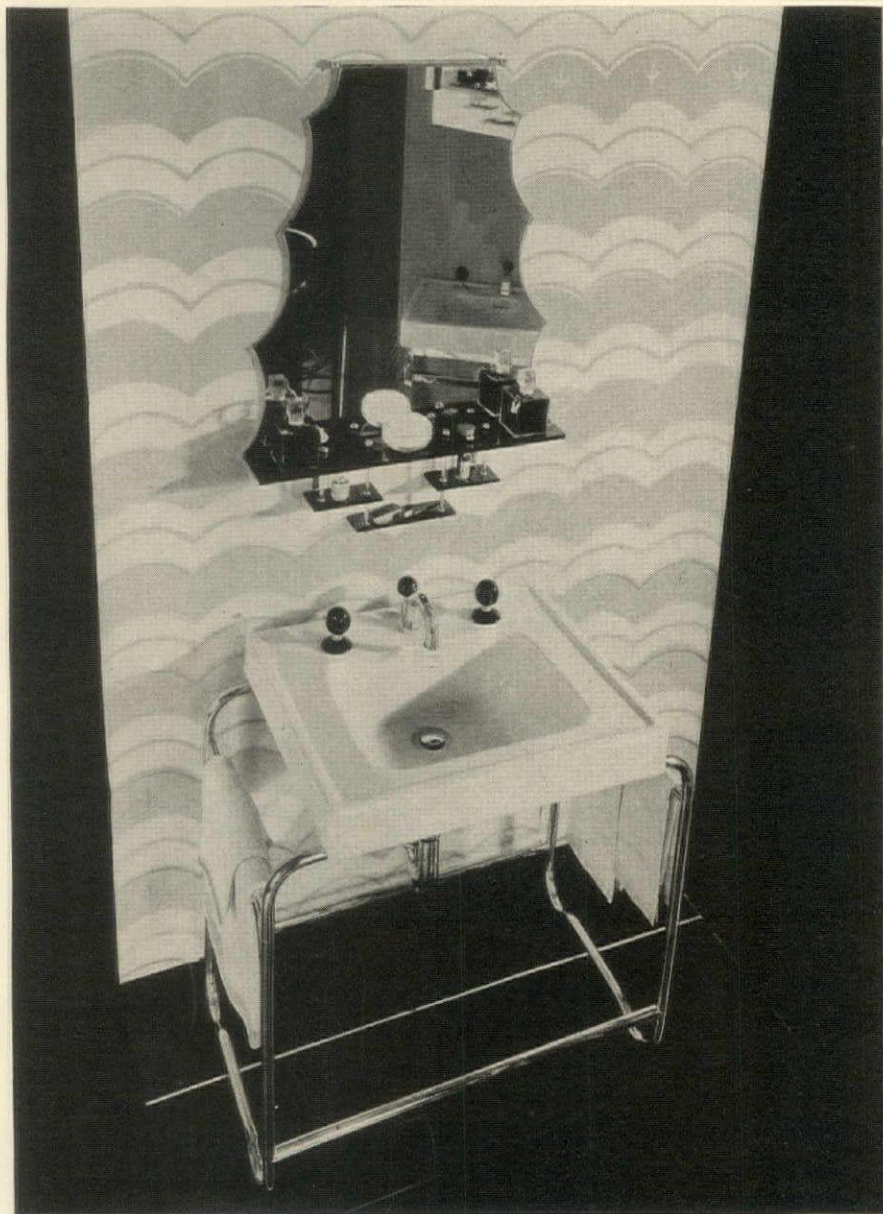
The dial of this bath scale illuminates automatically and is easily read. Detecto.



This shower-head, adjustable to any desired spray, is self cleaning. Speakman.



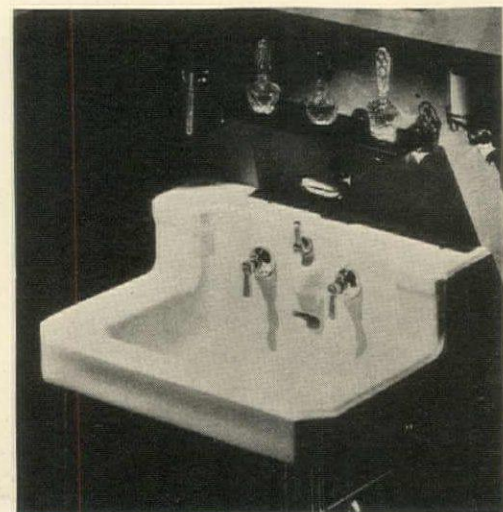
In this rectangular room, the plumbing for all the modern fixtures is economically in one wall. Crane.



The chromium plated metal supports for this new square lavatory have been designed to serve as special towel racks. Standard Sanitary.



Here the large wall cabinet with lumiline lights and the horizontal wall treatment are interesting features.



This wall lavatory is cleverly designed to provide a large bowl in a small unit. Standard Sanitary.



*A butler's pantry supplements the modern kitchen in a large house*

# KITCHENS

*Now that basic planning principles have been well established, the modern kitchen turns to a better use of equipment and more flexible design*

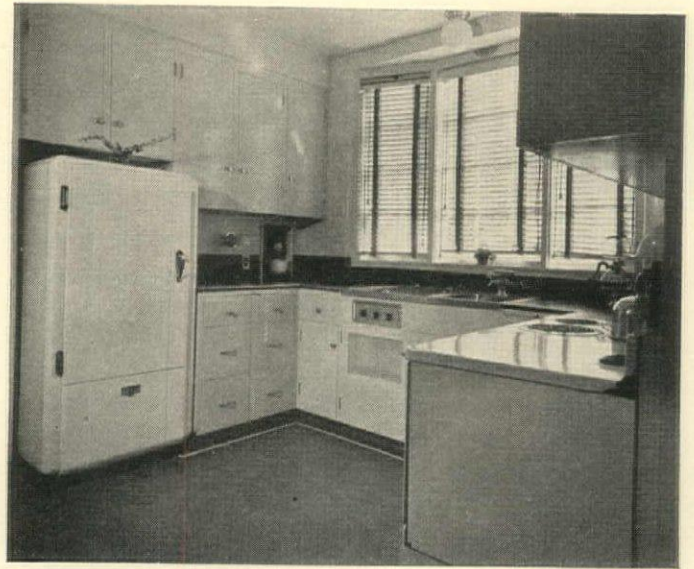
THERE is today no need for a detailed description of the changes which have taken place in the kitchen, for countless stories and pictures, model kitchens, and even the movies have made the new kitchen features generally familiar. This widespread interest in kitchen planning has developed and proved the value of certain basic elements which are essential to a good kitchen, the proper relationship of the three work centers, ample storage space and work surfaces and a careful use of the new materials and equipment.

Although these planning elements have been clearly defined there is still no one plan which can be blindly followed as the pattern for the ideal kitchen, and there never will be because a good kitchen must be fitted to the limitations of the kitchen space and the living habits of the family. Adapting the basic elements to a particular kitchen is consequently a simple problem in "functional planning".

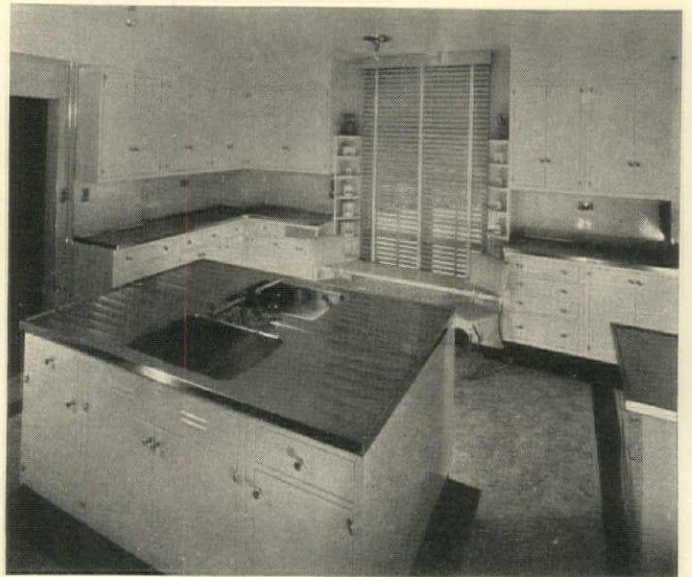
Since the preparation of a meal is essentially a production line process the equipment should be arranged around the room to provide, as far as possible, a continuous work surface. This arrangement proceeds logically from the refrigerator and food storage cabinets near the rear entrance, where the food is delivered, to the sink and on to the range and serving center near the dining room door. In many kitchens doorways will of necessity interrupt this continuous work surface so that one center must be a separate free standing unit. In these cases it is usually better to locate either the range or refrigerator center by themselves and keep the sink in combination with the other center. Window sills should be kept at least 42" above the floor so that they will not interfere with the continuous work surface.

With the standardization of the basic kitchen elements there has come a certain cold standardized type of design which is generally known as a "modern kitchen". This laboratory style was the natural result of our complete concern with the new efficiency. There is no inherent reason why modern kitchens must be cold and uninteresting in appearance and fortunately there is now a definite trend toward making kitchens attractive and comfortable as well as efficient. Many people have found that they prefer the sense of space and comfort that comes from a larger kitchen to the perfect efficiency of over-compact types.

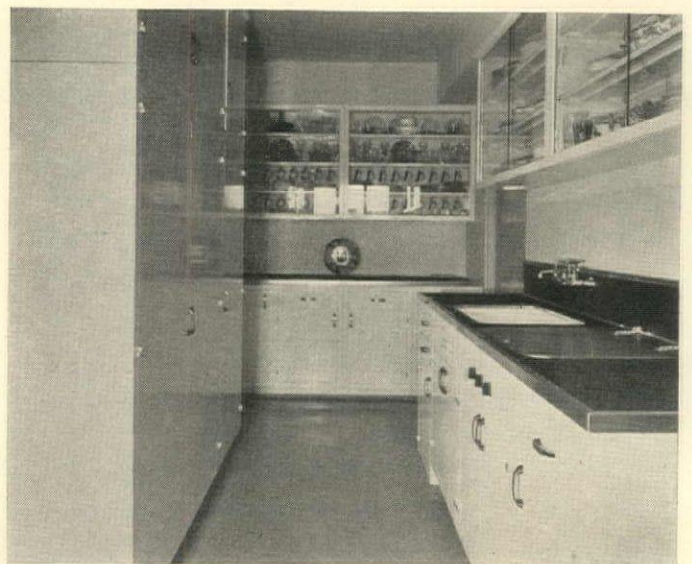
OPPOSITE: The glass doors on the upper cabinets are very important in this pantry, as they feature the decorative shapes and colors of the china and glass. The continuous counter of monel metal has a double compartment sink for washing and rinsing dishes. The linoleum floor has a light field and dark border edging the base cabinets. The Paraffine Co.'s Inc.



A good example of the popular U-shaped kitchen, having the sink in front of the windows, the refrigerator by the rear entrance and the range near the dining room. Architect, Hollis Johnston. West Coast Lumberman's Assoc.

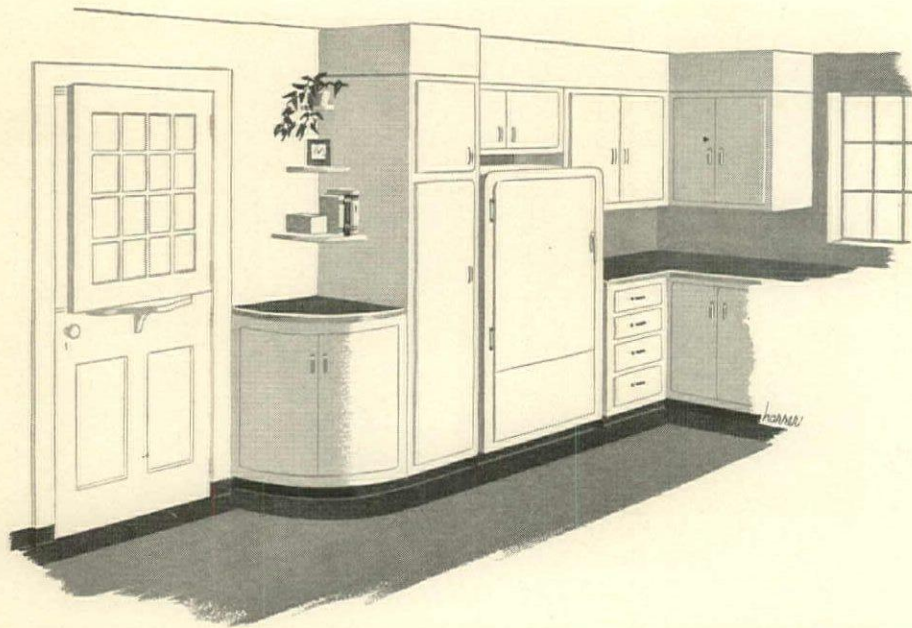


This large kitchen has two metal sinks, back-to-back in the center of the room. One sink is used in food preparation and the other serves as a pantry sink. Architect, W. P. Russell. Excel Metal Cabinet Co.

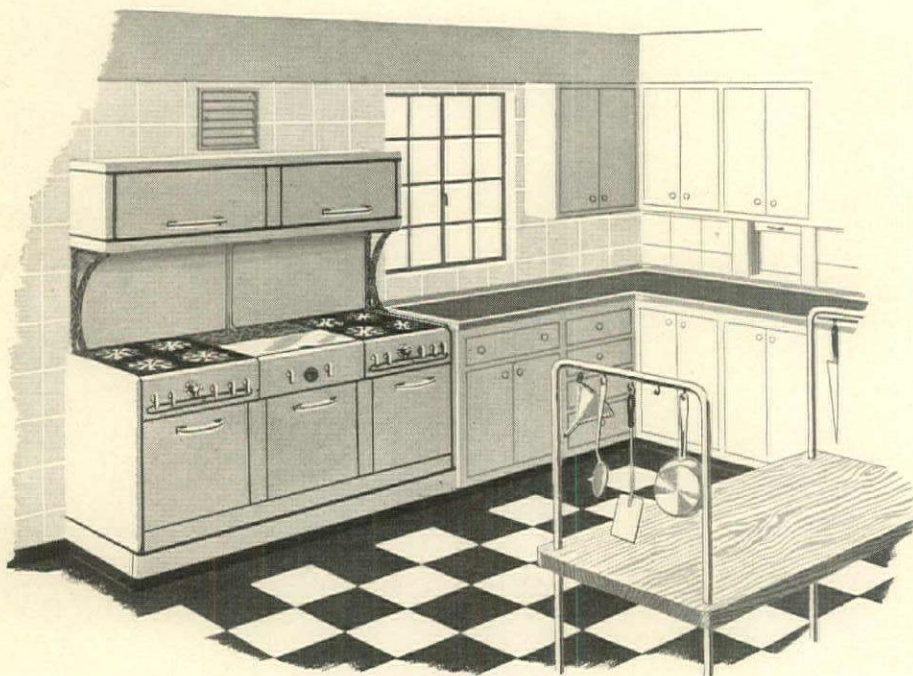


Sliding glass doors, similar to those used on show-cases, distinguish this modern pantry. A linoleum sink-top deadens the usual clatter of dishes and an electric plate-warmer facilitates service. Janes and Kirtland, Inc.

# Refrigerator

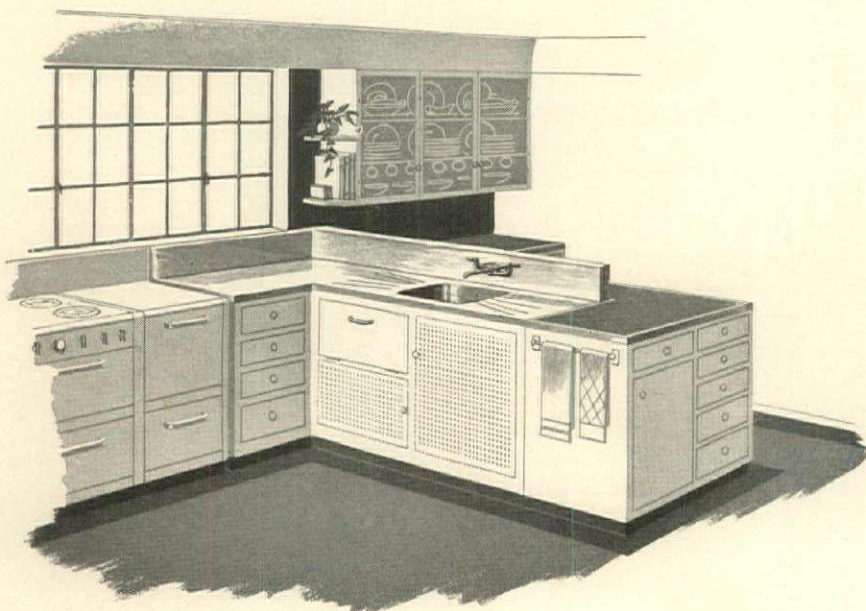


THE refrigerator is the center of the food storage section of the kitchen. Here the perishable food is kept and in adjoining cabinets there should be ample storage space for staple food, dry groceries and canned goods. This grouping as shown in the sketch constitutes the "refrigerator center" of the modern kitchen. Obviously it is best located near the delivery entrance and a work surface next the door is most convenient for unloading groceries. Refrigerators can be purchased with the door hinged either right or left for convenient opening.



# Range

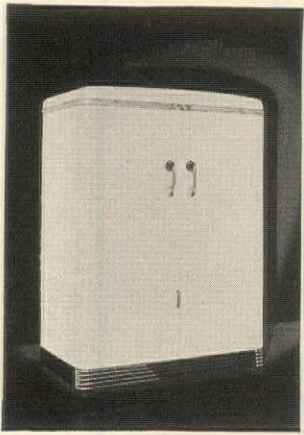
IN THE average kitchen the range is usually located near the dining room door for convenience in serving. Near it are the cabinets for serving dishes and those with racks for storing large platters and trays, vertically. Pots and pans can be kept in tall cabinets or in base cabinets under the adjacent work-top. However, the good time-honored custom of hanging pots near the range is coming back into favor because it is not only good practice but also good kitchen decoration. In the large residential kitchen, left, note pass-door to the pantry.



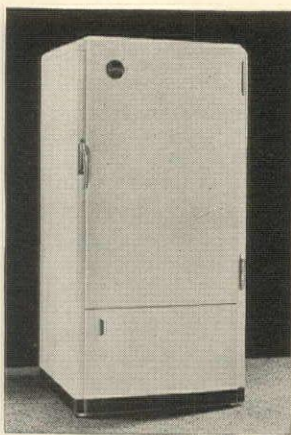
# Sink

THE sink should be connected to the range or the refrigerator by a continuous work-top for it is actually used in combination with these appliances. In the U-shaped kitchen it is generally between them. It is not always advisable to place a sink under the window, although that is the usual location. In many kitchens it is better to turn the sink at right angles to the window, as sketched, so that the light comes from the left and the range can also have good light on the cooking top. This arrangement can be used to create a small, but very convenient, pantry space in the kitchen.

*Modern refrigerators offer well-planned storage space, "controlled cold", dependable operation*



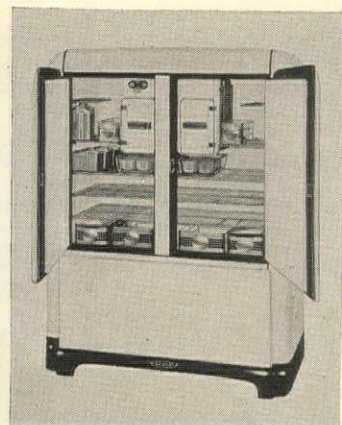
GENERAL ELECTRIC



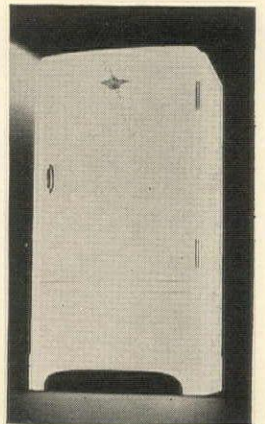
RANNEY



WESTINGHOUSE



NORGE

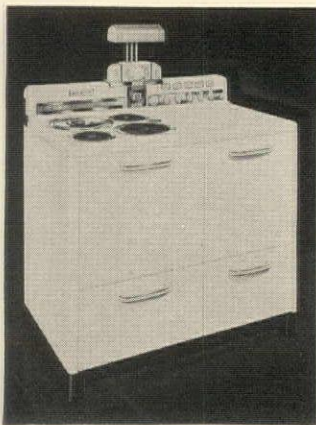


FRIGIDAIRE

*The new ranges, gas and electric, designed for modern kitchens afford perfectly "controlled heat"*



RUTENBER



GENERAL ELECTRIC



DETROIT JEWEL



WESTINGHOUSE

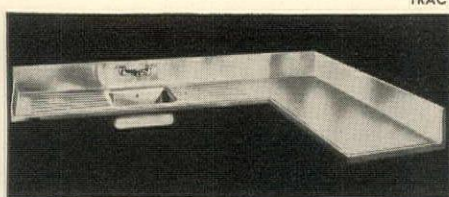


GLENWOOD

*Kitchen sinks today turn corners, have double basins, or combine with electric dishwasher units*



WHITEHEAD



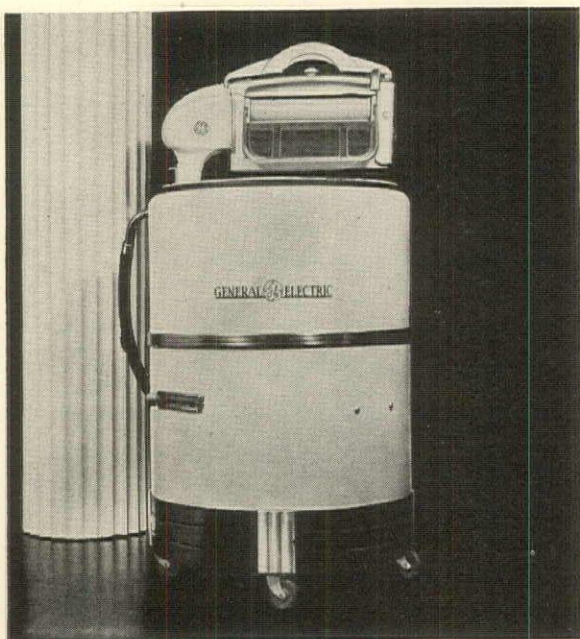
TRACY



COX KITCHENS

# LAUNDRIES

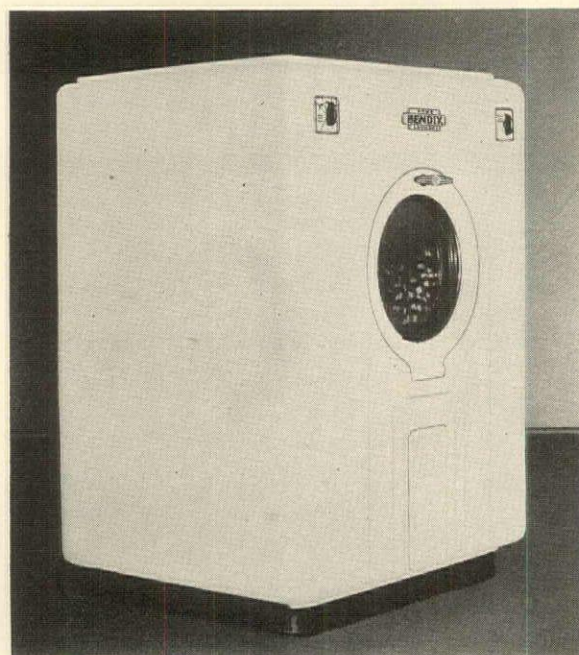
*Modern laundries are planned with work-centers grouped around the appliances and adequate work surfaces for sorting and sprinkling clothes*



An electric washer is a first essential. This one has a good washing action and a safe, self-adjusting wringer. General Electric



The flat-plate electric ironer has no moving roller, the pressure is applied automatically by a lever. General Electric



Here clothes can be washed, rinsed three separate times and damp-dried, entirely automatically. Bendix Home Laundry

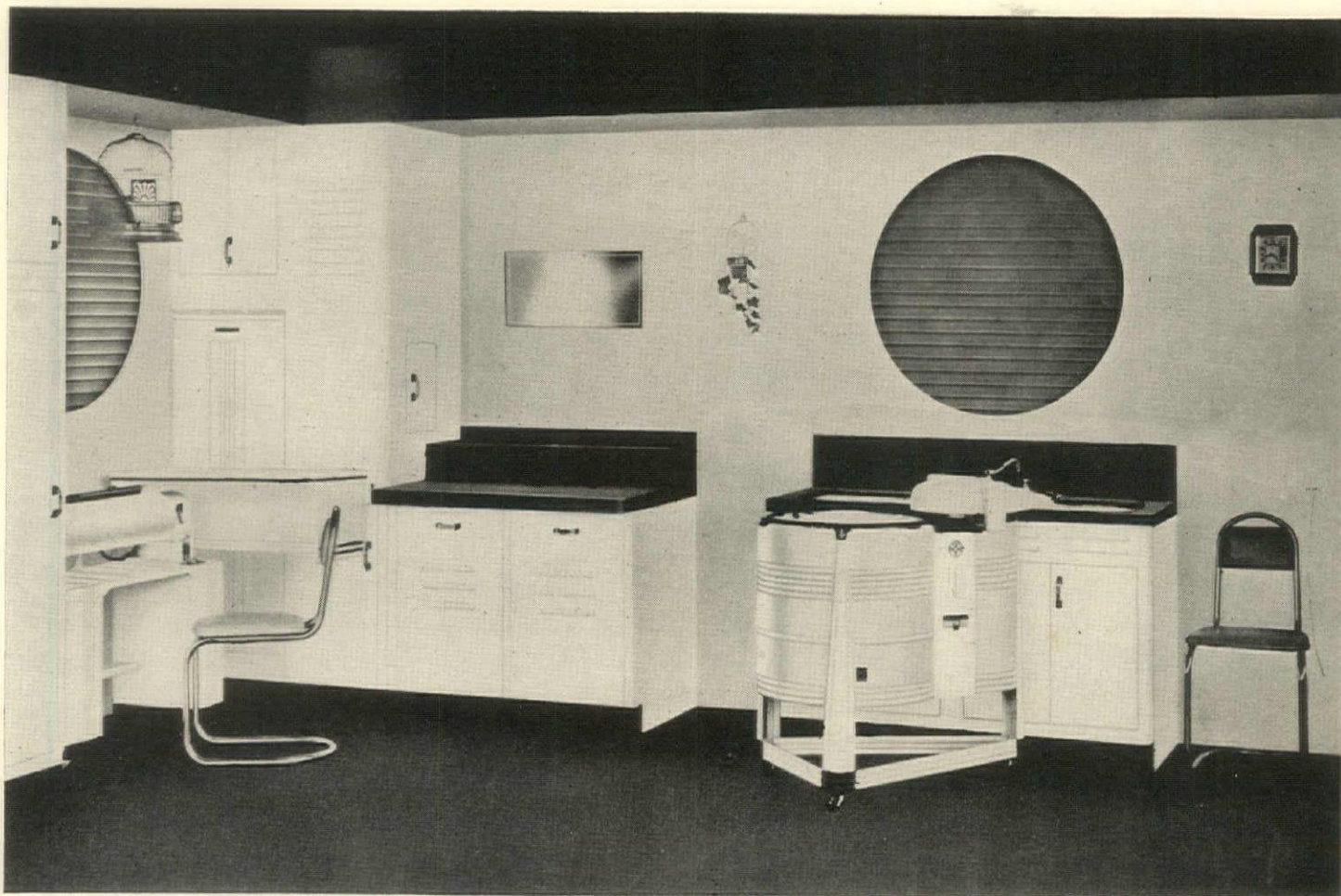
A MODERN laundry is generally similar in plan to a modern kitchen because laundering is also a production line process, starting at the clothes chute and proceeding through the stages of sorting, washing and rinsing, drying and sprinkling, ending with the ironing of the finished clothes. The continuous work surface at a comfortable height is particularly important in the laundry because of the unwieldy bulk and weight of clothes, especially after they are wet. Because it reduces the bending, stooping and carrying which have always been a disagreeable part of laundering, a continuous work surface should be planned to bridge gaps between laundry equipment.

Linoleum or pressed wood are good materials for the work-top which is usually 24" deep and set about 36" above the floor. Bins or hampers can be built in below the work top though it is best to leave some open space for knee-room so that the laundress can sit up to the work top while sorting, mending or removing stains. In small laundries the ironer can be kept under the work top and rolled out into the center of the room only when it is in use. A shelf 6 inches deep and set about 10 inches above the work top within reach of the ironer is most convenient for piling and sorting napkins, towels, doilies and other small pieces as they are finished. A built-in clothes hanger of the extension rod type is valuable here as blouses, dresses and children's clothes can be placed on hangers after ironing.

Although some of the new washing machines turn the clothes out ready for drying, laundry tubs should be included for special soaking and rinsing. The new tubs are well designed, easy to keep clean and a great improvement over the old gray set-tubs. They should be located so that the clothes after sorting can go right from the work top to the tubs or washing machine in the regular order. Many laundry tubs can be installed as single units, in pairs or sets of three to meet different laundry requirements. Indoor clothes dryers, either gas or electric, solve the problem of drying clothes in cold and stormy weather. They are particularly valuable in homes which for one reason or another have no provisions for a drying yard. A house telephone or communicating set is important in the laundry, particularly if it is located in the basement.

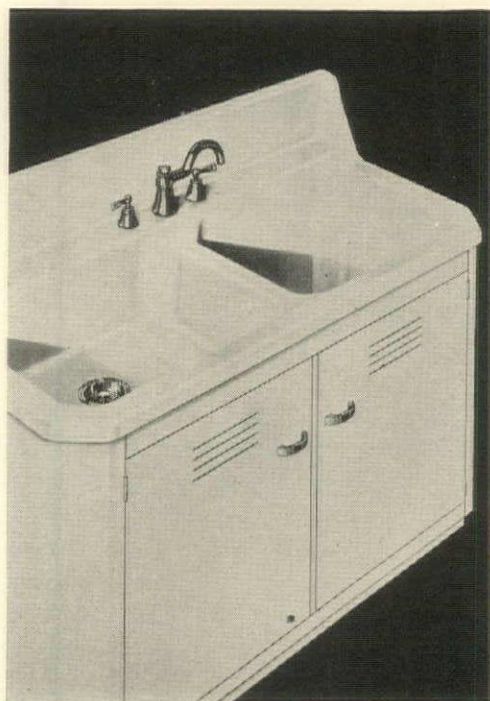
Since a good dependable water supply is all-important in the laundry, the type of material and size of pipe used in the house plumbing have a direct relation here. A water-conditioner will produce the soft water which is ideal for laundering and will, at the same time, filter out the minerals and sediment which usually clog pipes and reduce the flow of water. An automatic water heater of adequate size with a storage tank which will not rust or corrode guarantees the hot water supply which is essential to a good laundering.



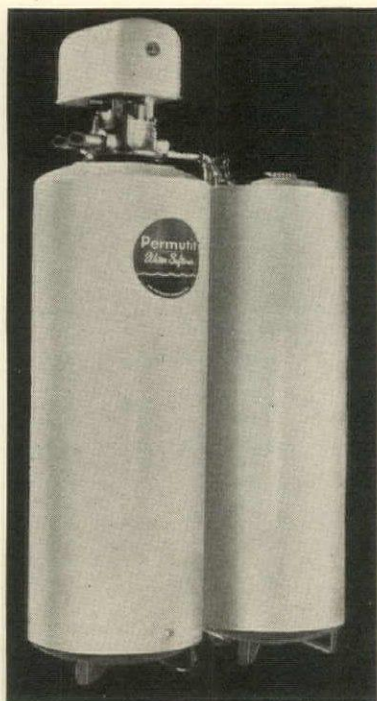


*Today there is good equipment designed to solve every type of laundry problem. The new appliances are safe, dependable and very easy to use*

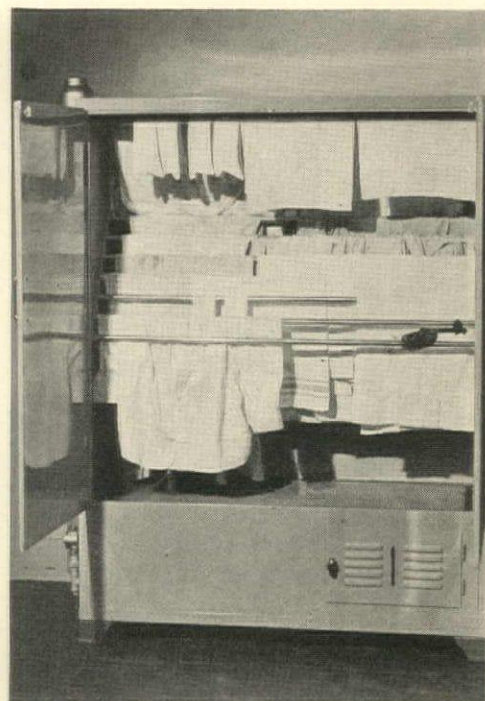
This model laundry suggests what modern planning and equipment can do to create a pleasant work-room. Whether it is located in the basement or on the first floor, the laundry needs a resilient floor, light walls, adequate work surfaces and cabinets. An electric water heater and a clothes chute, enclosed in cabinets, are interesting features. Westinghouse Mfg. Co.



A combination sink and tub for the small laundry, the shallow basin is for stockings, lingerie. Kohler



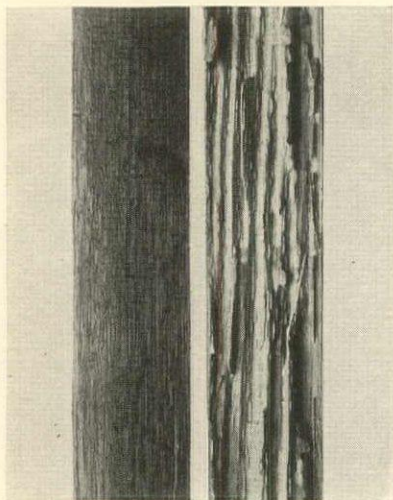
This water conditioner supplies soft water for all household uses. Permutit



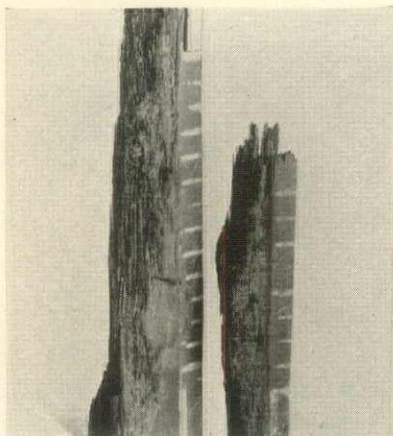
A gas clothes dryer large enough to hold an average amount of laundry. Domestic Dryer Corp.

# TERMITE CONTROL

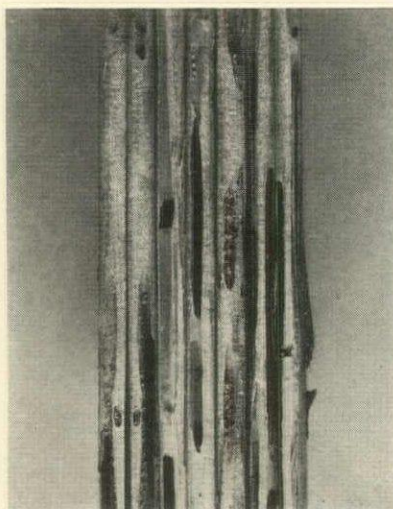
*Experience and observation have taught us how to render new homes immune to this wood-eating insect, and how to solve the problems of structures already attacked by it*



Section of oak flooring showing, at left, the upper surface apparently sound, and, right, the complete inner destruction



These structural timbers were weakened to the breaking point by termites. Note how the exposed surfaces remain unbroken



Along such channels as shown in the above section of wood termites eat their way through the house, never coming to light

Several years ago no one had heard about termites. Today they have entered our vocabulary with such new words as hormones and vitamins.

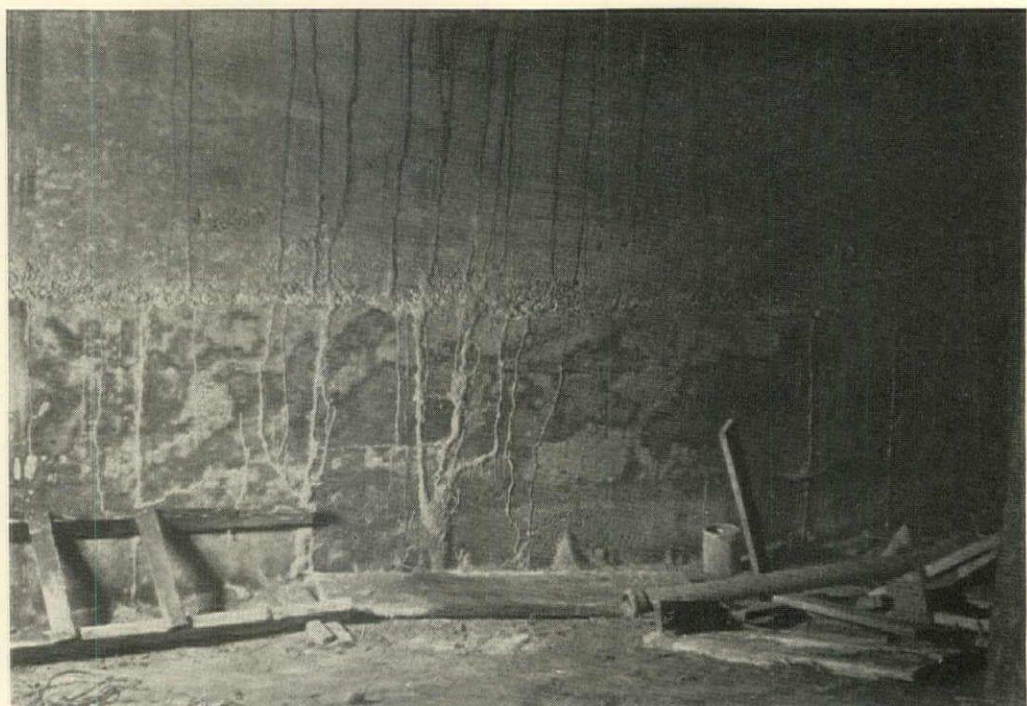
But, unfortunately for the home-builder and the home-owner, most termite discussions have been needlessly alarming and complicated. The busy home-builder has felt obliged to accept the statement of his contractor that "the construction will be termite-proof"; the conscientious home-owner has paid for a "termite treatment" or two. In both cases it is quite possible that . . . the termite marches on, unchecked.

This need no longer be the case, for just recently simple and complete termite information has been made available. And in the following pages you will find all you need to know about this peril which causes approximately \$50,000,000 damage to property each year over an area embracing practically every state in the country.

Of several types of termites, the only one discussed here is the subterranean termite which is responsible for practically all the destruction done in most sections of this country.

These termites live in underground colonies headed by a king and queen. The young become swarmers (winged reproductives which soon fly away to make other colonies), soldiers (which guard the colony against enemies), and workers. The swarmers have been erroneously called "winged ants", and the workers—because of their gray color—have been referred to as "white ants". Yet termites are in no way related to the ant family, and among them only the workers are destructive.

The worker termite locates the food supply (almost anything containing cellulose), gathers it, and returns to feed the other members of the family. To accomplish this he tunnels through the ground,



This intricate system of shelter tubes, leading up the vertical face of a foundation wall, was built by termites to facilitate their passage from the moist ground up to the wood structure

WOOD PRESERVING CORP.



WOOD PRESERVATIVES, INC.

This attractive new home will not be attacked by termites. The four detailed photographs, at right, show its construction

and if he cannot enter a structure directly he begins to build an earth-colored shelter tube around his body. For he *cannot stand exposure*. His shelter tubes may follow the masonry of a building or even reach, without support, from the ground to a joist 2 to 3 feet high.

Once the worker finds some wood, he enters it at an obscure point and eats his way *inside* along the grain. A thin outside wall of the wood is left untouched; the interior becomes a hollow shell. Thus the destruction may extend generally throughout the building before the discovery is made that a repair job costing hundreds of dollars may be required to replace the damaged wood.

If you are going to build a home you will want to remember that it is not the age of the building but the manner in which it has been constructed that makes an attack by termites possible. And whether you build of concrete, brick, steel, or tile, the termite can still travel long distances to reach the wood you will use somewhere.

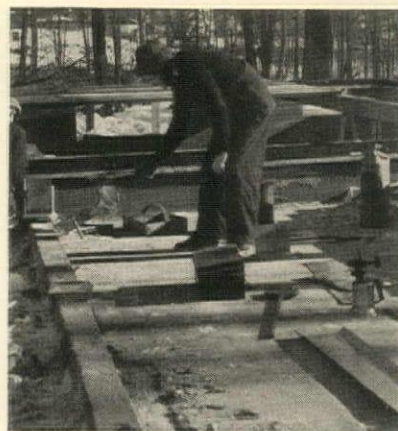
You are probably planning a basement of masonry construction. The ground within the basement should be sealed over with concrete (a dense mixture). The walls should be reinforced with steel rods at the corners and intersections to tie them together. If your foundation is over earth fill or naturally loose earth, settlement may cause the joint between the

concrete basement floor and the wall to open up—and you will want an added protection . . . a metal or mastic expansion joint between the wall and floor. Improper construction of the basement floor and walls causes cracks to develop through which termites gain free access from the earth.

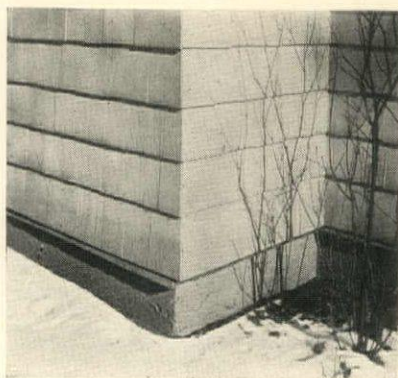
In the basement, posts should not extend through the floor into the soil but should rest on concrete footings that extend at least two inches above the floor. Window sills and frames should either be of steel or of treated wood and must not come in direct contact with the ground.

In case you are planning a home with no basement, have the sills set at a minimum of 12 inches above the excavated ground. On the exterior, the ground clearance to the woodwork may be as low as 6 inches above the finished grade line . . . providing you are willing to make occasional inspection of the sills for termite shelter tubes. Should you be planning a solid foundation, you can provide ventilation by allowing not less than two square feet of net open area for every twenty-five linear feet of wall. These openings can be screened with 20-mesh non-corroding screening.

One more precaution is necessary. It is a through metal shield barrier to be placed on top of the foundation walls (except where you can make easy and frequent inspections (*Continued on page 52*))



Note, at lower right, the copper shield which will be placed over the top of the foundation wall as a barrier to termites



The small projecting fin of copper, seen below the lowest shingle, is all that remains visible of the termite shield



Another view of the same house, showing how the copper barrier is placed to include even the unbuilt brick chimney



Here the chimney is completed, only a narrow ribbon of copper projecting. But no termite can get around or through it

# DRY CELLARS

*Some building sites present greater moisture problems than others, but for any condition simple protective measures may easily be taken*

Now that compact streamlined heating equipment has brought the basement into prominence as a recreation room or as a place to pursue hobbies, the discouraging presence of moisture there is even more of a nuisance than formerly.

In fact, damp cellars are no longer tolerated and a number of simple systems have been devised to cure this condition, where it exists, or to prevent its development, in the case of new construction.

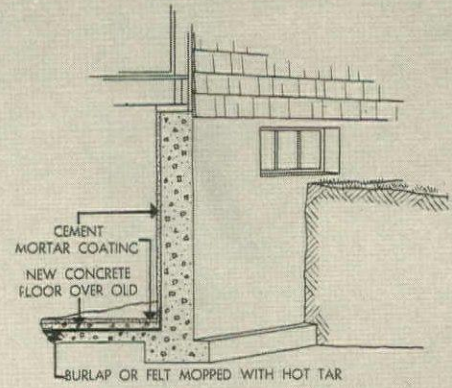
Referring to the topmost drawing on this page, we find a method for treating dampness in an existing basement. Moisture is filtering up through porous floors, or through old walls. Therefore, we apply a waterproof surface of tarred felt to the old floor, and cover it with a new cement flooring, treating the walls with a similar coating.

In the case of new construction, with no excessive threat of moisture present, we proceed as shown in the second drawing. Drainage tile carries moisture away from foundation footings, a coarse gravel fill promotes quick drainage near the foundation wall, and tarred felt at crucial points within the basement does the rest.

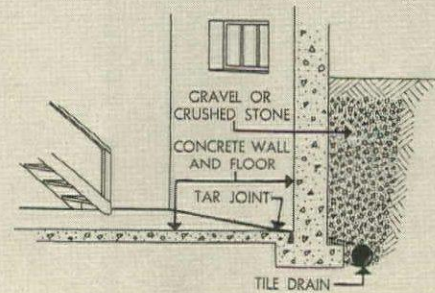
Our third illustration deals with a not uncommon problem. Often, in relatively low-lying sites, a considerable degree of sub-surface moisture pressure may be present. This constant pressure is very likely eventually to force moisture through the most minute fissures and pores in the foundation wall. Therefore, in addition to the ordinary precautions, it is best to apply a waterproof membrane to the outer face of the foundation wall. This membrane consists of several successive layers of felt, each mopped with hot tar, and extending from the footings to a point above the surface of the ground.

Our final drawing presents the method of treatment prescribed for homes built on the side of a hill. The uphill side of such a house opposes itself to the free passage of surface moisture down the hill during heavy rains. This water must be drained off as quickly as possible to avoid saturating the foundation wall. Therefore, we provide not only adequate drainage and drain tile along the foundation and footing, but an auxiliary line of drainage a little distance away and nearer the surface. This picks up much of the surface moisture as it accumulates and removes an important part of the load from the normal drainage system.

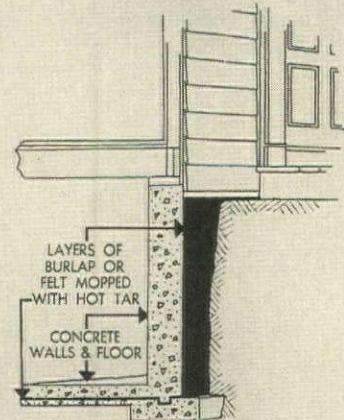
These are constructive methods for eliminating moisture from the basement. It should be noted however that the moisture on basement walls may be due simply to condensation of moist air, a condition which is often quickly corrected by providing for sufficient circulation of air in the basement.



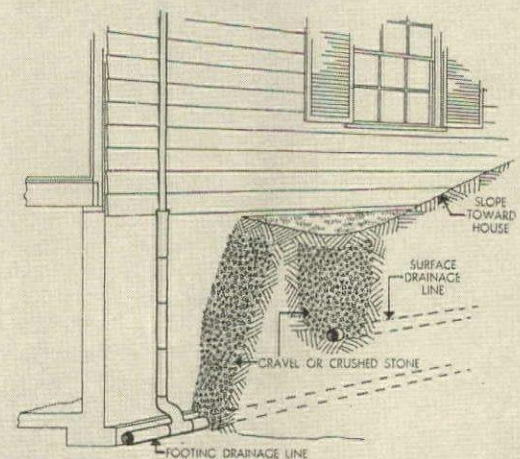
**TO DRY UP A DAMP CELLAR, TREAT WALLS AND FLOOR AS SHOWN ABOVE**



**ALWAYS PROVIDE DRAINAGE OUTSIDE AND DAMPPROOF BARRIERS INSIDE**



**IF EXCESSIVE MOISTURE IS PRESENT A WATERPROOF MEMBRANE IS USED**



**SLOPING SITES NEED EXTRA PROTECTION AGAINST SURFACE MOISTURE**



# Compare

## GIMCO ROCK WOOL WITH ANY OTHER INSULATION ON THESE 7 IMPORTANT POINTS



**1. "WALL-THICK" PROTECTION**—Homeowners find it pays to get the extra protection of full "wall-thick" rock wool insulation. Gimco saves more fuel dollars...brings greater comfort the year around.



**2. RELIEF FROM SUMMER HEAT**—Gimco checks the sun's heat...keeps the whole house up to 15° cooler. You can spend the day in greater comfort—sleep more soundly at night.



**3. WINTER COMFORT**—Gimco keeps more heat in the house for a longer time. It is easier to keep every room warm—both upstairs and down. There are fewer drafts... fewer chilly corners.



**4. FUEL SAVINGS**—By reducing the loss of furnace heat through walls and roof, Gimco makes fuel bills much lower. It *pays for itself* in a short time—saves you money year after year.



**5. FIRE PROTECTION**—Being made of rock, Gimco will not burn. It offers permanent protection as long as the house stands—never needs to be replaced—will not decay, pack down, or dust out.



**6. TRAINED WORKMEN**—Gimco is quickly blown into empty wall and ceiling spaces of present homes. Experienced engineers supervise each job—make sure there are no "thin-spots".



**7. LOW INSTALLATION COST**—Gimco Sealal Bats are easier to install in homes under construction or attics of present homes. Their natural resiliency holds them permanently in place without artificial support. Available either with or without waterproof paper backing.

### Every homeowner can afford this finer rock wool insulation...

There is a big difference in insulating materials. That's why it will pay you to get the complete facts about Gimco Rock Wool.

Gimco is made by a special patented annealing process which gives it longer, tougher and better insulating rock wool fibres. Tests prove its insulating efficiency is unsurpassed by any other building material. Yet in spite of its many advantages, Gimco costs surprisingly little. Anyone can afford the extra protection of this "wall-thick" rock wool insulation. If you wish, liberal terms as low as a few cents a day can be arranged under the Gimco Finance Plan.

Consult your Gimco dealer. Let him tell you more about Gimco's economies... give you a free estimate of the cost for insulating your home. There is no obligation, and his practical advice may save you money.

# Gimco

## ROCK WOOL HOUSE INSULATION

Made by the world's largest exclusive manufacturers of rock wool products

### NEW ILLUSTRATED BOOK FREE!

The story of insulation told in interesting pictures. Send for your copy now.

General Insulating & Mfg. Co.  
Dept. A, Alexandria, Indiana

Please send me Free copy of new illustrated book on home insulation.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_



# Window Beauty

NEVER BEFORE AVAILABLE -



**AND MANY OTHER ADVANTAGES • AT NO EXTRA COST IN THE LONG RUN!**

These modern Kawneer Sealair Windows of ALUMINUM or BRONZE, are absolutely unlike any ordinary windows you have ever seen. Their soft gloss and lustre harmonize ideally with any decorative scheme. The compactness and precision of their sturdy construction thrill even hard-headed builders who have seen scores of new products. Their easy action at all times, exceptional weathertightness, freedom from rotting out, rusting, painting, or upkeep expense mean entirely new convenience, comfort, and savings for the home-owner. And, best of all, these up-to-date windows cost no more than ordinary windows, when all factors are considered. For every type of home. SEND COUPON FOR ILLUSTRATED WINDOW BOOKLET.

## Kawneer

### SEALAIR WINDOWS

THE ORIGINAL LIGHT ALUMINUM OR BRONZE WINDOWS

The Kawneer Company, Niles, Michigan: Please send illustrated booklet on Sealair Windows to:

NAME.....ADDRESS..... G-338

Prospective Home Owner     Architect     Builder     Material Dealer

## HEATING AND AIR CONDITIONING

(CONTINUED FROM PAGE 18)

boiler is transferred to the air passing through the main ducts by means of coils through which steam or hot water circulates. In the Split system some part (usually a small proportion) of the total heat is delivered to radiators or convectors in rooms which usually do not require conditioned air, as in the kitchens, baths, garage and servants' quarters.

The Indirect system has the same characteristics as the Direct Fired system except that it provides domestic hot water and it does not have direct connections that may permit flame noises to travel through the ducts. It is more expensive to install but subject to more precise automatic control, resulting in greater uniformity and thus somewhat more perfect comfort.

The Split system has all the advantages and limitations of the Indirect system plus greater adaptability to various requirements. You may have radiators in rooms where air conditioning is not necessary, and if your house stretches out over a large area, you can heat the remote rooms more satisfactorily and economically by extra radiators than by ducts alone. Costs are normally about the same as for an Indirect system.

Any fuel can be used with any system. Automatic control and operation can be used with any fuel, but the simplest to control are electric and gas heating, with oil, anthracite and bituminous coal following in order. Coke is not yet handled successfully with automatic stokers but may be soon. Which fuel will cost you least depends mainly on local prices.

If your choice of system settles upon one that employs a boiler instead of a direct-fired furnace, you face a further decision as to the type of equipment to use. There are at least two types of hot water systems and five types using steam or vapor, not to mention the many varieties created by manufacturers of special accessories which modify and improve the operation of standard systems.

#### EXPERT ADVICE REQUIRED

Rather than attempt to become an expert on heating, you will find it far more satisfactory to secure competent advice from an architect or engineer who can see your house or its plans. There is no one best system. Each has advantages and limitations for any given job. The task is to choose the one that offers the most advantages for your house with the least cost.

Just as a rough guide to these matters, there is included on page 19 a brief tabulation of the seven most common standard systems, with a comparative rating for each. Even this table must be used with care, for local costs, the type of plan and the nature of your climate may affect the ratings given. It will at least serve to show why no system has yet dominated all others in use.

But heating alone is not enough to

day, even in winter. Without some form of humidifier the air in your home will be drier in cold weather than Nature has produced in her most vicious mood. This unnatural dryness indoors affects health more than comfort, though one can instantly sense the "balminess" of the atmosphere, like a sunny day on a Florida beach, when one enters a properly conditioned home. Any device that will automatically add moisture to the air in winter, to maintain a relative humidity around 35 to 45%, will serve. A spray in the duct system, an air washer using moderately warm water, a shallow pan in the air chamber (or "bonnet") of a furnace, or some form of screening through which water may drip while exposed to the warm moving air, represent the common forms.

But make certain that your humidifier can be controlled and that it has its own continuous water supply. The first is needed because in very cold weather windows will become wet with fog and your humidifier will have to be shut down temporarily. The second is needed because you will have to evaporate 60 to 90 pounds of water a day, and no one wants to carry that much to the equipment in order to keep it operating.

#### SUMMER COMFORT

Undoubtedly the greatest advances toward human comfort indoors have come with summer air conditioning. Some one recently remarked that people want summer comfort even more than they want perfection in winter heating; for in winter one can put on extra clothes or throw on more coal to keep warm, but in summer one cannot go without clothes entirely and even if one did, there are days too hot for comfort, even "in the raw".

New discoveries, based largely on experience, show that comfort can be attained in large measure without actual cooling. Air motion will do much alone. Air drying in humid climates will do more, especially if combined with air motion. And in dry sections of the country, where even in hot days the outdoor relative humidity is low, it is possible to get a cooling effect by adding moisture to the air, exactly as in winter humidification. The latter method, called evaporative cooling, is so limited in application, climatically, that it cannot be considered by the average home owner.

Add to these methods of comfort conditioning, cooling by well water (or cold city water) by ice and by mechanical refrigeration, and you find yourself faced with a half-dozen different ways of securing summer comfort. Here they are in parade:

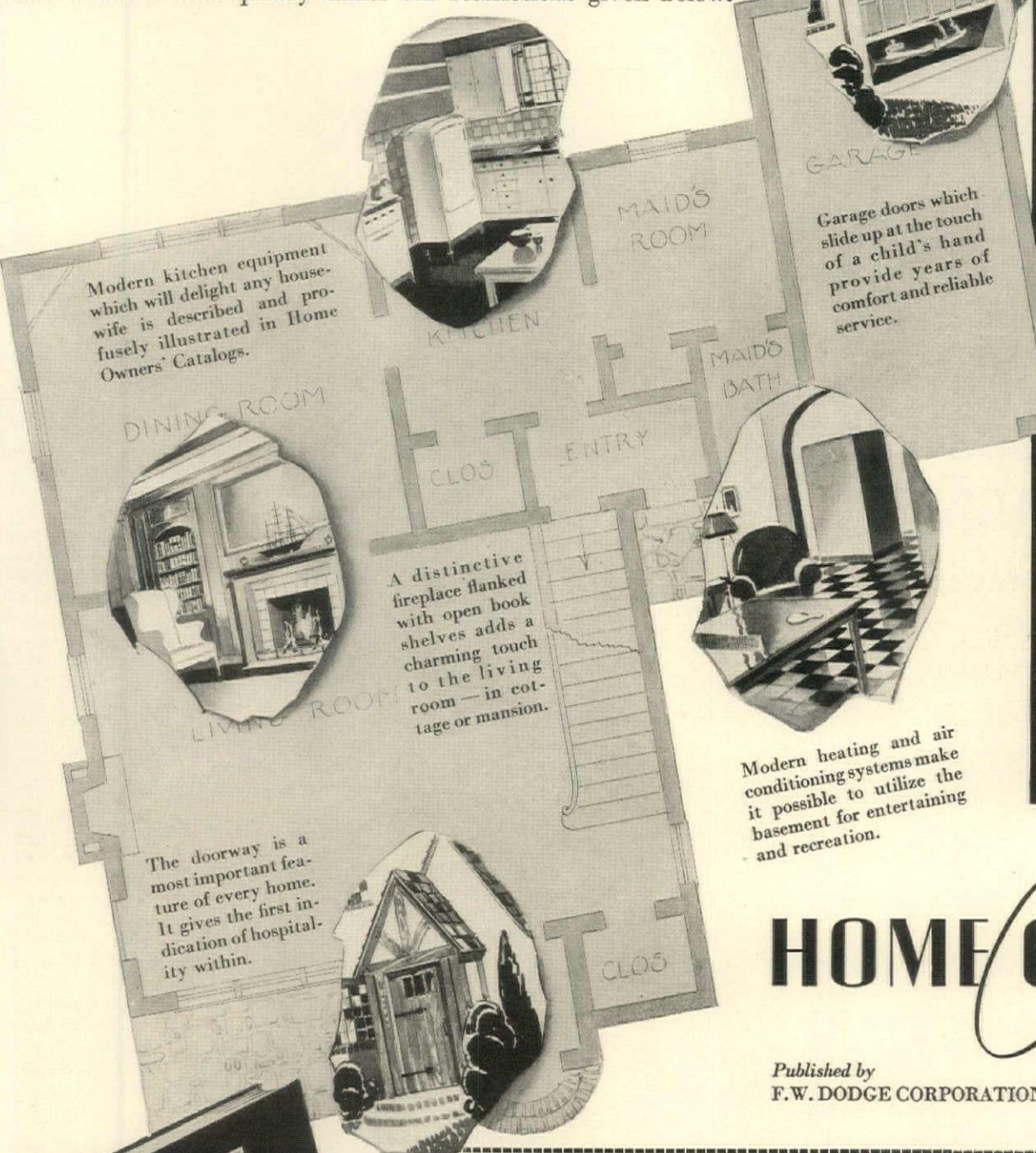
The simplest method is to use the blower and duct system of an Indirect, Direct-Fired or Split system for winter air conditioning to keep the indoor air in constant circulation. At night outside air should be brought in and attic or top floor windows opened to cool the interior.

(Continued on page 48)

# Better Than a "HOME SHOW"

## AND WITHOUT ADMISSION CHARGE

How easy it is to locate the products and services most suited to your home building requirements — with the help of *Home Owners' Catalogs*. Well described as "better than a home show," this comprehensive and profusely illustrated volume is packed with valuable ideas and practical home building information. It will be sent *prepaid* — without cost or obligation — to new home builders who qualify under the restrictions given below.



### Firms Represented in Home Owners' Catalogs

- American Brass Company
- American Lumber & Treating Co.
- American Radiator Company
- Architectural Decorating Co.
- Armstrong Cork Company
- Barber-Colman Co. of Mass.
- Bartlett Tree Expert Co., F. A.
- Bell & Fletcher, Ltd.
- Bennett Fireplace Corporation
- Bryant Heater Company, The
- Burnham Boiler Corporation
- Carey Company, The Philip
- Celotex Corporation, The
- Chambers Distributing Co., Inc.
- Chase Brass & Copper Co.
- Colonial Fireplace Company
- Crane Co.
- Davey Tree Expert Co., The
- Delco-Frigidaire Conditioning Div.
- General Motors Sales Corp.
- Detroit Steel Products Company
- Donley Brothers Company, The
- Excel Metal Cabinet Co., Inc.
- Fitzgibbons Boiler Company, Inc.
- Florida Louisiana Red Cypress Co.
- Fox Furnace Company, The
- Gar Wood Industries, Inc.
- Heatilator Company
- Herman Nelson Corp., The
- Illinois Brick Company
- International Heater Co.
- Johns-Manville Corp.
- Kerner Incinerator Co.
- Libbey-Owens-Ford Glass Co.
- Lightolier Company
- Littlefield-Wyman Nurseries
- Majestic Company, The
- Masonite Corporation
- Metal Lath Manufacturers Association
- Minneapolis-Honeywell Regulator Co.
- New Haven Copper Co.
- New York Telephone Co.
- Overhead Door Co., Inc.
- Pittsburgh Plate Glass Co.
- Rolscreen Company
- Sisalkraft Company, The
- Sloane, W. & J.
- Stanley Works, The
- Streamline Pipe & Fittings Division Mueller Brass Co.
- Tile-Tex Company, The
- Trane Company, The
- Truscon Steel Co.
- Waterman-Waterbury Co.
- Wayne Iron Works
- Webster, Warren & Co.
- Weis Mfg. Co., Inc., Henry
- Western Pine Association

*Combinations of the above firms' catalogs are included in each edition of Home Owners' Catalogs.*

Modern heating and air conditioning systems make it possible to utilize the basement for entertaining and recreation.

# HOME OWNERS' Catalogs

Published by  
F. W. DODGE CORPORATION, 119 West 40th St., New York, N. Y.

H & G—3.38

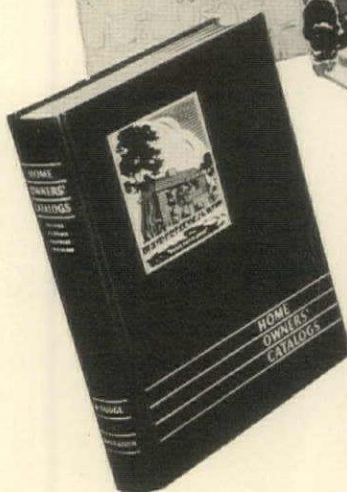
**Ask For Free Book—If you meet the following restrictions**

**RESTRICTIONS** — Home Owners' Catalogs will be sent only to owners who plan to build — or modernize — homes for their own occupancy within 12 months, east of the Rocky Mountains, costing \$4000 or more for construction, exclusive of land. Every application must be accompanied by a personal letter giving (1) description of proposed home, (2) when you will build, (3) location, (4) expected cost, and (5) name and address of architect, if selected. **EVERY APPLICATION WILL BE VERIFIED BY A DODGE REPRESENTATIVE.**

F. W. DODGE CORPORATION, 119 West 40th Street, New York, N. Y.

I hereby apply for a copy of Home Owners' Catalogs — which is to be sent prepaid, without cost or obligation — in accordance with above restrictions. My letter is attached.

Name..... Street.....  
City..... State..... Telephone.....





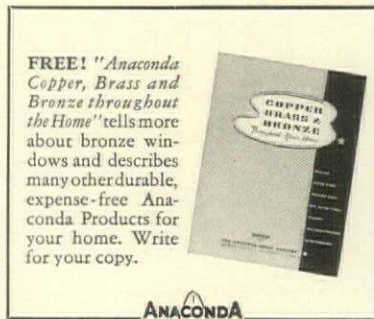
You'll get Superior Service from  
**BRONZE WINDOWS**  
 ... never before so reasonable in cost

Because Anaconda Bronze never swells or shrinks, windows of this ageless metal can be designed to fit *more closely*, sealing out wind and rain for all time. They open and close with astonishing smoothness. And the first cost is the only cost...for rustproof bronze needs no painting, saves upkeep.

Thanks to new, standardized designs, windows of Anaconda Bronze are now priced much lower than ever before. Select any style...casement or "double-hung" and you will find that for beauty, durability and economy, these windows cannot be

matched. Ask your architect or builder about "Windows of Anaconda Bronze". We do not fabricate windows but supply Anaconda Bronze to leading manufacturers. We'll gladly tell you where bronze windows may be obtained.

38147



THE AMERICAN BRASS CO., General Offices: Waterbury, Conn.  
 Offices and Agencies in Principal Cities. In Canada: Anaconda American Brass Ltd., New Toronto, Ont.

FOR WINDOWS  
*Anaconda Bronze*

**BUILT ON A HILLSIDE**

IT'S NICE to live on a hillside when you know how. Here's how it's done in California. Californians, perching houses on hillsides in years past, found themselves with a grand view of the Pacific Ocean from their rear balconies, but with bleak hillsides staring them in the face from the front door.

Only recently has an enterprising school of young architects and landscape engineers tackled this problem of side hill dwelling. As a consequence, a number of ingenious devices are used to give graceful lines to side hill home settings.

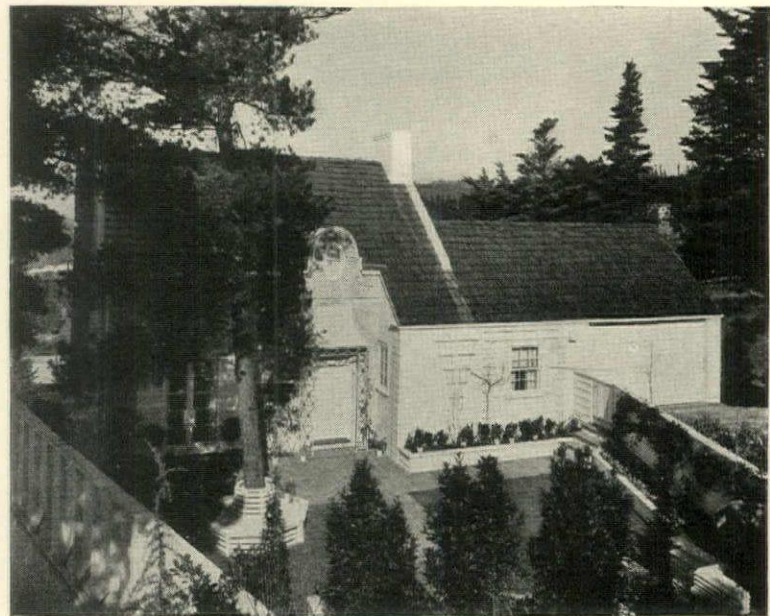
This perfect collaboration of designer and gardener is exemplified in the

use of a variety of walls, walks, seats and steps—all to relieve the monotony of a hillside. In one instance, the entrance to the home is apparently made at the street level through a board siding and stucco wall. The wall, shown in the pictures below, has a flight of steps leading to the patio. A walk across this "outdoor living room" brings the visitor to the door of the house. Stairways, hedges, massed planting, espaliered fruit trees, lattice, and countless other devices are used to adorn, what otherwise would be, a bleak hillside.

Frederick L. Confer is the architect, and Thomas D. Church and Ned S. Rucker, the landscape engineers.



THE above view of this hillside home shows the steps leading from the road down to the patio of the residence. At the left, the inside retaining wall is made decorative by garden and potted plants which are a colorful background for this "outdoor living room".



THIS picture of the same house reveals the hilly site on which the home was built in order to take advantage of the view beyond. The road level provides a natural entrance to the garage with a convenient door into the patio. To the left is the retaining wall.





# 7 Big Rooms... 2 Baths...

**YET IT COST ONLY \$95 EXTRA  
TO INSULATE COMPLETELY WITH CELOTEX**

**Famous GUARANTEED INSULATION  
Builds Weather-Tight, Fuel-Saving Homes  
at the Very Minimum Cost**



**Celotex Sheathing** makes walls weather-tight, saves fuel, fits tight, stays put



**Celotex Insulating Lath** provides a superior plaster base—permanently prevents lath marks

7-room Colonial home of R. C. Huggins, Glen Ellyn, Ill. Philip D. West, Chicago, Architect. Walter Norris Co., Builders



**Celotex Interior Finish** on old or new walls gives insulation and decoration at one low cost

*"The added comfort, health protection and big fuel savings of a well-insulated home cost surprisingly little with Celotex,"* says Builder Walter Norris. *"In this charming 7-room suburban home, for example, the difference between un-insulated construction and complete insulation with Celotex Insulating Lath and Sheathing was less than \$95!"*

*"The owner actually gets \$330 worth of guaranteed insulation in a home like this, but pays far less because Celotex eliminates \$235 worth of other materials. Used only as sheathing, Celotex wouldn't have raised costs at all!"*

When you build, Celotex will cut your insulating costs—because Celotex is *insulation in rigid board form*. It does double duty—replaces ordinary lath and sheathing—provides insulation and building material both, *at the cost of the insulation alone!*

Celotex protection is *permanent*, too—safeguarded against termites and dry rot by the exclusive, patented Ferox process—and *guaranteed\** for the life of the building. Consult your architect, contractor and Celotex dealer—and use the coupon now for complete information.

*\*When issued, applies only within Continental United States*

Copyright 1938, The Celotex Corporation

THE CELOTEX CORPORATION IIG 3-38  
919 N. Michigan Ave., Chicago, Ill.  
Please send helpful FREE booklets on  
Celotex Insulation for  
 New Homes                       Remodeling  
 Interior Finish                 Farm Buildings  
 Name.....  
 Address.....  
 City.....  
 County..... State.....

# CELOTEX

BRAND — INSULATING CANE BOARD  
Reg. U. S. Pat. Off.

World's Largest Manufacturer of Structural Insulation



## "SO THIS IS A PREFABRICATED HOUSE... I WOULDN'T HAVE BELIEVED IT!"

You need not pioneer a new architecture... nor new building materials... to have the convenience of a prefabricated house! For Hodgson interprets prefabrication to mean architecture in keeping with the American tradition—and materials that have proved themselves through years of use.

Choose any of many houses in our portfolio. Or state your needs, and Hodgson will prefabricate your house... *your way*... from the ground up! Windows, doors, rooms, closets, porches, baths *to suit you*. It will be a house of real comfort and individuality. In fact, the only two things

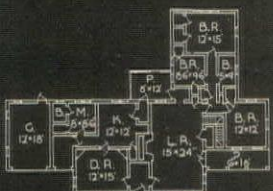
Hodgson Houses have in common are: Trim, pleasant lines patterned after New England's early homes. And sturdy, careful workmanship in lumber!

Most Hodgson Houses can be prefabricated, erected, and occupied in as little as three weeks... termite-proofed, reinforced against rot, painted and insulated. Local labor does the final work—under a Hodgson foreman if you wish. *Shipments made anywhere*. Visit the Hodgson Colonies *indoors* in New York or Boston; *outdoors* at Dover, Mass.—furnished year-round homes, camp cottages, greenhouses, etc. Or WRITE for our 1938 Catalog GW-3.

# HODGSON HOUSES

E. F. Hodgson Co., 1108 Commonwealth Avenue, Boston, Mass. • 730 Fifth Avenue, New York City

One of many Hodgson floor-plans





An attractive small house recently completed in Franklin, N.H. Of traditional New England architecture, it is stained with Cabot's Creosote Stains. The architect is Edward Sears Read of Boston.

# Beauty in Stains

that save you Money every year

Economical in first cost and in upkeep, Cabot's Shingle Stains will give your house a lovely natural beauty which you cannot duplicate with other materials. Their full rich colors — and remarkably long life—result from the patented collopaking process in which the pigments are divided hundreds of times finer than is possible by other methods of manufacture. The creosote stains penetrate and preserve the wood, giving a transparent effect which reveals the textured beauty of your shingles. The new heavy-bodied

stains give a more opaque, uniform finish which turns flat at once, avoiding any shiny or "painty" appearance.

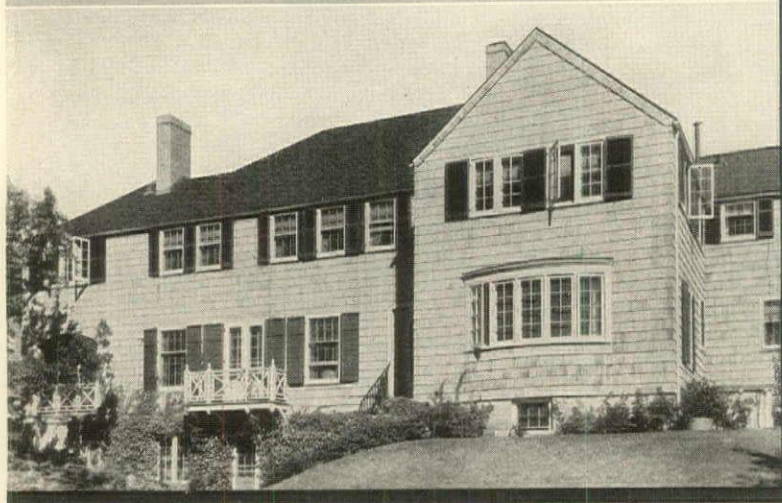


**FREE BOOKLET**  
— Stained Houses —  
Write today for *Stained Houses*, a new booklet containing many helpful suggestions for the owner of a shingled or clap-board house. It shows photographs of many houses stained with Cabot's Creosote or Heavy-Bodied Shingle Stains, and describes the advantages of each. Address Samuel Cabot, Inc., 1202 Oliver Building, Boston, Mass.

## Cabot's Shingle Stains

Creosote                      Heavy-Bodied

The shingled roof and walls of this spacious house in Minneapolis, Minn., are stained with Cabot's Stains. (The shutters are painted with Cabot's Green Gloss Collopakes, the trim with Cabot's DOUBLE-WHITE. Insulated throughout with Cabot's Quilt). Architects, McEnary & Larson, Minneapolis.



### LIGHTING

(CONTINUED FROM PAGE 25)

in the room which is most satisfactory.

*Wall fixtures* are available in an infinite variety of shapes and types. It should be noted, however, that the actual source of light should in most cases be shielded to promote restful lighting.

*Soffit lighting*, as illustrated on page 27, consists simply in a series of lamps housed within a box-like casing, the underside of which is composed of translucent glass.

*Panel lighting* is fundamentally the same as soffit lighting except that the glass panel may be flush with the wall or ceiling. Its use is primarily for decorative purposes.

*Spot lighting* involves the installation of a lamp furnished and concealed in the wall or ceiling. Through an almost unnoticeable opening the light may be directed toward a painting, a dining table or other point where dramatic illumination is desired.

So in the field of home lighting—once you have provided adequate wiring, created a soft diffused light through the room, assured the correct amount of light for specific tasks, you have not only improved the appearance of your home but added immeasurably to the comfort, and even to the health of yourself and your family.

### INSULATION

(CONTINUED FROM PAGE 23)

resistance, some may be used as plaster bases, sheathing or decorative interior finish, some are very light, others heavy. Some types can be installed faster than others. Which type will best serve your particular needs can be left to experts—your architect, contractor or local material dealer.

How much insulation effect you need is a matter of climate, local fuel costs and the quality and character of the construction of your house. There is no general rule. Each house must be figured by itself—another matter for the expert to undertake for you.

#### AIR LEAKAGE

There is much misinformation currently in circulation about the best use of insulation. The idea that it is sufficient to insulate roofs or attics alone is an outgrowth of the fact that it is most economical to work in these accessible areas and therefore you get the greatest return for your investment by doing the cheapest part of the job.

Actually in summer about two-thirds of the heat entering a house comes in through the roof. But in winter only about one-third of the heat escapes through the attic or roof, another third goes out through the side walls and the last third through the glass of windows and doors and by air leakage around these various openings.

That is why more attention ought to be paid to insulating side walls and to weatherstripping, winter windows, and  
(Continued on page 47)

## Amazing New Fluid Heat Unit Uses Less Fuel Oil Per Hour

than any other pressure burner



Can be Installed in Your Present Furnace or with

### FLUID HEAT WINTER AIR-CONDITIONING UNIT

**T**HINK of it! This new Fluid Heat Model P-1A provides plenty of heat for the average six room house—yet consumes oil at as low a rate as  $\frac{7}{10}$  of a gallon per hour of operation. Compare that with the smallest pressure burners now used for residential heating—most of which are built to burn at the rate of 3 gallons per hour, and which drop off badly in heating efficiency when throttled down toward their minimum of  $1\frac{1}{2}$  gallons per hour.

Here, at last, is the first oil burner which exactly fits the heating requirements of hundreds of thousands of small homes for which, until now, standard-sized burners have meant over-sized fuel bills. And only Fluid Heat could have built it! Because only Fluid Heat has the patented "Fuel Saver" Control which makes it possible to develop high heating efficiency with low oil consumption.

For owners of larger homes, other Fluid Heat oil burners offer savings just as great. With the same proved "Fuel Saver" principle of discharge air control as the P-1A, they too are stingy with oil... generous with heat.

Find out about lower cost heat with Fluid Heat today! Mail the coupon now.



#### MAIL TODAY

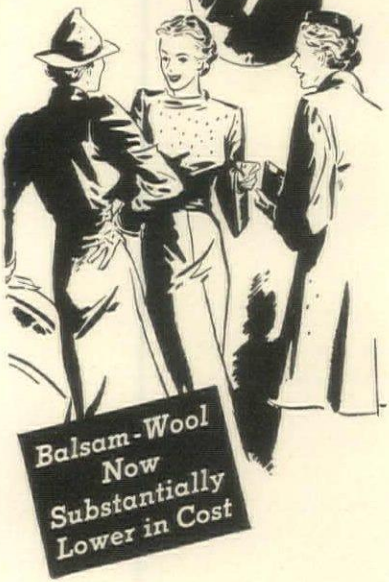
Fluid Heat Division  
Anchor Post Fence Co.,  
6744 Eastern Ave., Baltimore, Md.  
Send me full facts about Fluid Heat for my home. It has . . . rooms, and is now heated with ( ) gas, ( ) oil, ( ) coal, ( ) automatic stoker.

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_

"WITH BALSAM-WOOL YOU ARE

*Sure*

OF COMFORT AND FUEL SAVINGS"



● The insulation you put into your home must give you real comfort, real fuel savings—not just this year but for *all* the years that stretch ahead. You can be SURE of getting these insulation benefits by using Balsam-Wool SEALED Insulation.

In thousands of homes . . . for 16 years . . . under all sorts of climatic conditions . . . Balsam-Wool has proved that it protects from cold—from high fuel bills—from moisture—from summer's scorching heat—from wind infiltration. The makers of Balsam-Wool have anticipated every condition that insulation must meet in your home. Lastingly efficient, Balsam-Wool "stays put" . . . never sags or settles. It is better today than ever—and owing to improved methods of application, Balsam-Wool is now substantially lower in applied cost than ever before!

**More Comfort for Your Present Home**

It's amazingly quick and inexpensive to insulate the attic of your present home with Balsam-Wool. A money-back guarantee insures your complete satisfaction. Write today for our free, illustrated booklet giving facts about Balsam-Wool for sure protection in your home.



Balsam-Wool . . . Products of Weyerhaeuser . . . Nu-Wood

WOOD CONVERSION COMPANY  
Room 113, First National Bank Building  
St. Paul, Minnesota

Gentlemen: I want to be sure of comfort and fuel savings. Please send me your free booklet about Balsam-Wool in the home.

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_

**INSULATION**

(CONTINUED FROM PAGE 46)

awnings. All pay dividends in cash and comfort and are an important part of every insulating job.

Weatherstripping not only can stop around 90% of the air leakage if best quality types are used, but it also stops dust and drafts and thus directly increases comfort. The automatic control of heating and air conditioning discussed in another article in this issue is taxed far less if stray drafts and unwanted air leakage can be prevented. Weatherstripping aids summer air conditioning as well as winter.

Winter windows, or storm sashes as they are called in some sections, stop half of the heat loss that goes out through glass. That means roughly 15% of the total heat loss; not a bad item to save. But of much greater importance is the fact that they prevent fogging and condensation on windows in all but extremely cold weather and thus permit operation of the humidifier when it is most needed. With single glass, water begins to form on windows when the outdoor temperature is around the freezing point. With two layers of glass separated by an air space, it does not form until the temperature drops well below zero. Thus on two counts some type of double glazing is warranted.

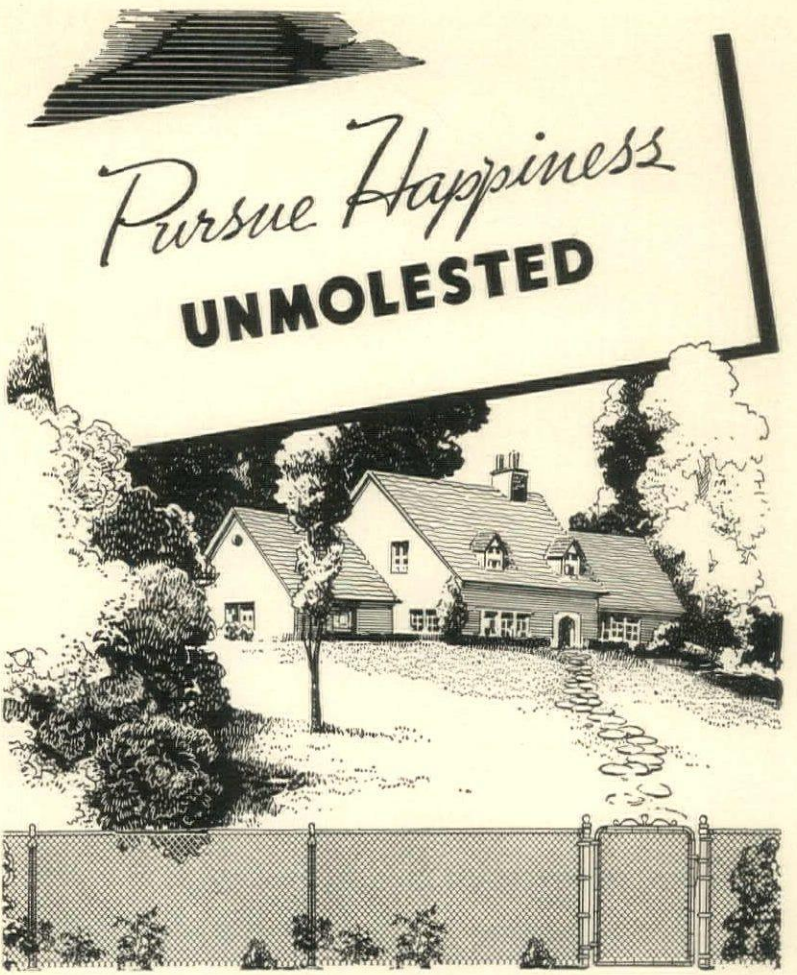
Awnings are great contributors to summer comfort. They do much to help keep the sunny rooms cool even if the house is not air conditioned. But when you operate any kind of conditioning equipment in summer, the reduction in sun heat which the use of awnings will cause—may save enough power and water to pay their cost in two or three seasons.

Complete summer and winter insulation will pay for itself in a few years. That means you can really afford to insulate side walls as thoroughly as the roof, weatherstrip all windows and doors, provide double glass on windows in winter and awnings on the sunny exposures in summer. No other part of your total home investment will come back to you so quickly as the money you put into these modern improvements.

**THE BOOKSHELF**

GARDENS AND GARDENING, 1938. New York: The Studio Publications, Inc. Once again this hardy perennial of the garden book family appears in all its beauty of photographs and supporting text. To say that it is finer than usual would be to do injustice to its displays of former years; to state that it is fully their equal is no more than justice.

The articles this year cover Planning and Replanning the Garden; Color in the Garden; Pools, Ponds and Streams, and How to Use Them; and Rocks, Their Meaning and Use in Japanese Gardens. Besides, there are the illustrations and notes which include plans by leading landscape architects, intimate gardens, boundaries, garden steps, gateways and forecourts, broad views and long views, and so on. Various parts of the world have been drawn on for the material, so that the whole volume takes on a worthwhile international character.



*Pursue Happiness*  
**UNMOLESTED**

Extend the privacy of home life to the boundary of your property by an enclosure of "Pittsburgh" Chain Link Fence. Keep straying animals and intruders *outside*; keep service delivery men *on* the footwalks and protect your children from street dangers. "Pittsburgh" Chain Link Fence harmonizes perfectly with all types of landscape treatment, serving as a dignified protective enclosure—and as a foundation for colorful vines and flowers. Made of weather-defying copper-bearing steel wire heavily galvanized after weaving and manufactured every step of the way by fence making specialists, "Pittsburgh" Fence is a permanent installation, good for a lifetime. Your "Pittsburgh" dealer or fence builder can furnish you with a fully erected job complete with "Pittsburgh" posts, fittings and gates, or he can supply the materials only if you prefer to build the fence with your own labor. Send the coupon for the information you desire on Chain Link or Lawn Fence.

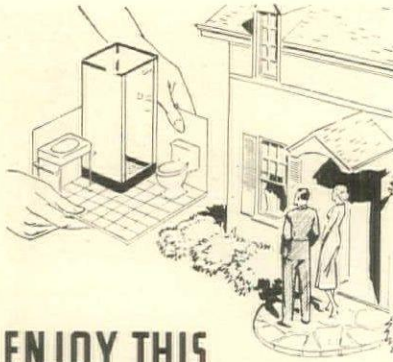
**PITTSBURGH STEEL CO., 1631 Grant Bldg., Pittsburgh, Pa.**

**Pittsburgh Fence**

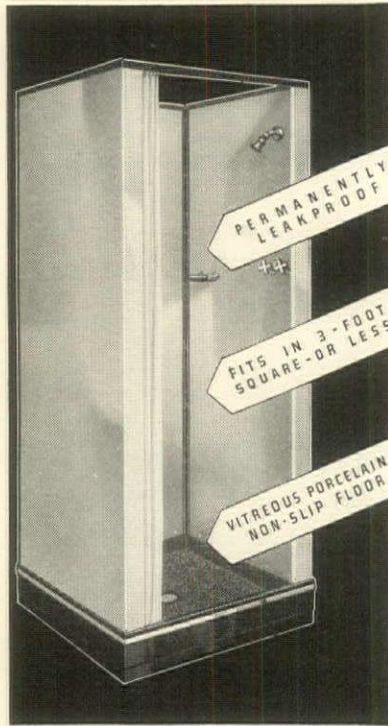
PITTSBURGH STEEL COMPANY  
1631 Grant Building, Pittsburgh, Pa.

Without obligation, please send me literature on:  
Chain Link Fence  Lawn Fence   
Materials only for enclosing Tennis Courts   
Lawns  Estates  or \_\_\_\_\_  
Also name of nearest dealer or fence builder.

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_



**ENJOY THIS  
EXTRA BATH NOW**  
*in your Present Home*



**A**T THE end of the hall, in a little-used clothes closet or some odd corner of your present home you can now have the added living comfort of an extra bath! Weisway Cabinet Showers are complete self-contained baths, easily, quickly installed in space 3-foot square or less. Guaranteed permanently leakproof, Weisways require no special treatment of building walls or floor.

At small cost you can end the "bathroom line-up" in your home, enjoy more luxurious modern shower bathing. Weisway models suitable for finest master bath to simple basement installations — also for clubs, hotels, schools, institutions, commercial buildings, and boats.

**FREE!** Send coupon now for booklet showing how you can have an extra bath now, or when you build.



**HENRY WEIS MANUFACTURING CO.**  
309 Oak Street, Elkhart, Indiana  
Without obligation send booklet and details of Weisway Cabinet Showers.

Name \_\_\_\_\_  
Street \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_  
I am interested in baths for [ ] home [ ] club, institution, school [ ] commercial building [ ] boats.

**HEATING AND AIR CONDITIONING**

(CONTINUED FROM PAGE 42)

To this may be added an attic fan, or such a fan may be used alone. In most sections of the country temperatures drop at night to within the comfort range, even during hot spells. A large exhaust fan in the attic is employed to draw air out of the house after dark, the cool air entering through open windows on the lower floors. The cool air removes the heat stored in furniture, floors and walls, so that by morning the whole house is cool within. Upon arising, the windows and doors are closed, the fan stopped and shades or awnings lowered on sunny exposures. By this method interiors may be kept 5 to 15 degrees cooler than outside.

**ABSORBING HUMIDITY**

Two very new methods of drying air are coming into the market for humid localities. One uses an inert dry chemical in trays over which the air in the duct system is circulated. This substance has such an affinity for moisture that it draws the humidity out of the air. When the grains have taken up all the moisture they can hold, a damper shifts the air to a second chamber and a gas flame dries out the chemical in the first.

The other method uses a spray made of a solution chemically allied to salt or sea water. This odorless and harmless spray also absorbs vapor from the air passing by and dries it. When the spray solution has been diluted by the water picked up, it passes into a device called a concentrator where it is boiled by a gas flame or by steam until the excess moisture is driven away. Both of these methods add some heat to the air, so the final step is to cool it again by passing it over coils through which cold city tap water or well water is flowing.

By drying air rather than cooling it, the advantage is gained that there is no shock to the body as one passes from indoors to a hot outdoor atmosphere. The dry air cools by nature's method: it allows body perspiration to evaporate and thus cool the skin. These methods are still so new that only a few sources can provide the equipment, but results

to date promise a very moderate operating cost—\$25 to \$35 for a whole summer season.

Probably the cheapest cooling methods employ ice or well water. The ice system uses a large, thoroughly insulated ice bunker, buried underground or in the cellar. Water is sprayed on the ice and the chilled water thus produced is circulated through coils in the duct system, in exactly the same way that hot water or steam is used in winter for tempering the air. When no cooling is needed the insulation of the bunker keeps the ice from melting too rapidly.

If you can drill a well on your property at moderate cost, you can have summer cooling very cheaply. Practically all underground waters are cool enough to use in the same way that ice water is employed. A well, a pump and cooling coils in the duct system complete the equipment. Cold city water can be used (if the water temperature is below 55° F) but usually the cost of water is high.

**REFRIGERATION**

Mechanical refrigeration has been left to the last because it is most familiar. Its advantages are reliability, adaptability and flexibility. You can do more with a cooling installation of this type than with any other. But you must be prepared to pay more in first cost as well as for operation, and your system must be designed and installed by experts. A cheap system is worse than none, for it can cause discomfort if improperly controlled. So get the best that competent specialists can select among the many good ones available.

Any of these summer comfort systems can be added to winter air conditioning installations without major changes if you plan for them in advance. None of the apparatus needed takes more space in your basement than would another boiler or furnace. All of them extend your comfort throughout the year. Whatever the size of your purse, you can enjoy all-year air conditioning to a degree never before possible in the home.

**BATHROOMS**

(CONTINUED FROM PAGE 29)

Stall shower units have been so constructed that their installation is simplified and there is virtually no possibility of their leaking. The tub, at an angle which makes the most of geometry by providing a full length tub in a less than full length space, can be used to special advantage in planning baths in unusual spaces.

Aside from the basic fixtures there are many small conveniences which should be considered and provided. Built-in medicine cabinets, towel rods, hooks, holders and grab bars should be carefully located in relation to their uses. A wall type electric heater is most satisfactory as a permanent installation and it has the added advantage

of being recessed and out of the way. Finally, for the ultimate in convenience, there is the adjustable mirror, properly lighted for shaving or make-up, which is fast winning favor as an essential piece of bathroom equipment.

It is always well to remember that there is far more to a bathroom than meets the eye. The bath itself may be perfection but its real value is determined by what goes on under cover, by the piping and plumbing which is carried in your walls and floors. Here the best materials and skill should be used to provide the constant, reliable performance, and freedom from costly break-down and repairs.

**I'LL FIX THAT  
IN A JIFFY!**



**CANNED WOOD MAKES  
HOME REPAIRS EASY**

Anybody can do a fine job of repairing quickly—

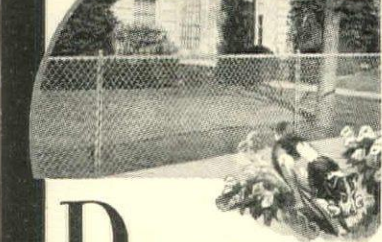
- broken chairs
- loose casters
- holes in wood
- nicks
- cracks
- screw holes
- loose drawer pulls, etc.

—with this canned wood that handles like soft putty and quickly hardens into wood you can drive nails and screws into, paint, or carve. Try it. Paint, hardware & 10¢ stores sell Plastic Wood in 10¢ & 25¢ tubes, 35¢ cans.



**PLASTIC WOOD**

**PAGE  
FENCE**



**Dogs have  
A Sense of humor!**

● They bury their bones in your newly planted flower garden. Nor will all your care and watchfulness stop this nuisance, until you safeguard the beauty of your yard with PAGE FENCE. PAGE FENCE is neat, long-lasting protection—a practical barrier to thoughtless, trespassing humans and destructive animals.

There are 92 associated Page Fence Distributors throughout the country—all experts from fence plans to installations—with complete responsibility. Mail coupon below for free descriptive booklet, "Fence Facts."

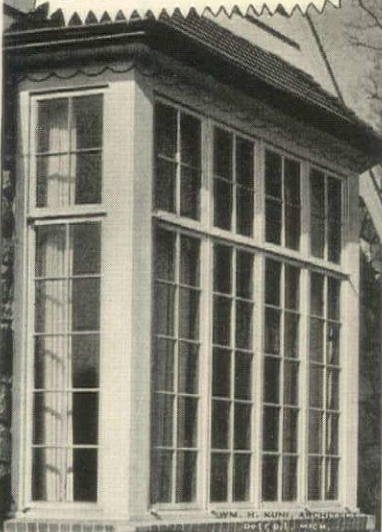
**PAGE FENCE ASSOCIATION**  
Dept. HG3, Bridgeport, Connecticut  
Please mail me free booklet, "Fence Facts" and nearest Page Fence Distributor's name.

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_

America's First Wire Fence—Since 1883

# Andersen WOOD CASEMENTS

AS  
**WEATHERTIGHT**  
AS THEY ARE  
**BEAUTIFUL!**



**PREPARE YOUR HOME FOR AIR CONDITIONING!**

Andersen Wood Casements are the *tightest* casements obtainable.

They meet exacting requirements for air-conditioning. Naturally, they will reduce your heat bill, year after year!

Spring bronze weatherstrips plus superior Andersen craftsmanship eliminate leakage of air, dust and water. The removable double glazing reduces heat loss through the glass 60%.

**GIVE YOUR HOME A DEFINITE PERSONALITY!**

Andersen Wood Casements harmonize beautifully with any style of architecture . . . they will lend character and charm to your home, be it large or small.

Women are delighted with the utility of Andersen Wood Casements. They are easy to operate and easy to clean. Special inside control opens and closes the casement with the screen in place—without interfering with drapes or blinds. Double glass and screen are removable from the inside. Extension hinges permit washing outside glass from inside.

Ask your Architect about Andersen Wood Casements, Narroline and Basement Windows.

**FREE** A beautifully illustrated 16-page book on *How to Achieve Window Beauty in Large or Small Homes.*



ANDERSEN CORPORATION  
Bayport, Minnesota

MG 38  
Please send me your Free book on *Window Beauty*, post paid, at no obligation to me.

Name .....

Address .....

City..... State.....

I am interested in building a home.  
 I am interested in modernizing my home.



These stairs once led to a hay loft

## BARN INTO PLAYHOUSE

By Christine Ferry

**T**IMBER from no less than three old Cape Cod barns, representative of the work of three successive generations, was used in this structure—the first dating back 155 years, the second 100 years and the third about 80 years.

The first provided the structural oak beams, each so long and heavy as to require four men to carry them on their shoulders in the process of removal. Two additional beams required in the process of re-erection were secured from the second barn, while floor boards, side walls, rafters and roofing timbers came from the barn of the third generation, which had weathered the Cape storms for eighty years.

Using the massive beams of the first barn as a building guide for the new, the various timbers, sheathing and floor boards were assembled and then the owners proceeded to make such

changes in its exterior finish and to introduce such features into the interior as to make it the livable playhouse for which it was intended.

Weathered shingles cover the exterior, the casings of the numerous openings cut for windows and the eave trims are painted white, and there are trellises for ivy and climbing roses—all quite different from the interior, which has been left in the natural color of the old wood, grey where it has been exposed to the elements and elsewhere a brownish tan, the varied tones of the old woods blending most harmoniously.

For creature comfort a huge chimney has been built at one end of the spacious structure, bricks from the oldest house in the town being secured on the basis of "new bricks for  
(Continued on page 51)

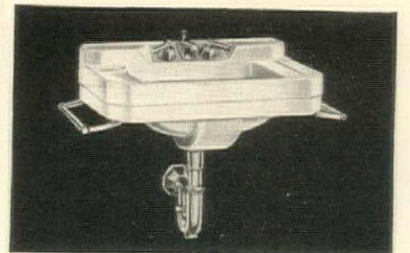


This broad window replaces ancient barn doors

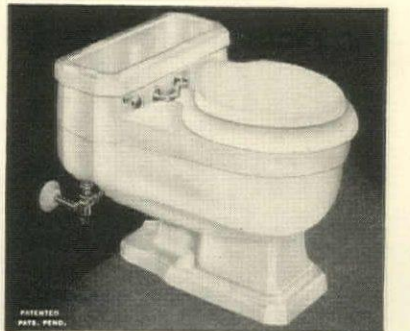


"Beauty's just  
the half of it"  
in CASE  
vitreous china  
fixtures

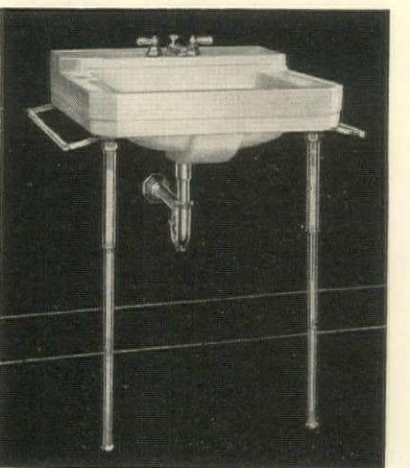
Yes—Case fixtures are beautiful. Smart, trim lines reflect a rare beauty of design, and rich colors (in a wide variety) add the final touch to a bathroom you will be proud to own. But there is more—lots more—than just beauty to Case vitreous china bathroom fixtures.



The Cosmette, for instance, is especially practical for powder rooms. It actually projects only 13½" from the wall, yet it provides generous shelf room for toilet articles.



The T/N ONE-PIECE water closet is the final word in beauty combined with utility. Seat and shelf are on the same level. And although the T/N is the favorite for costly bathrooms, it can be included in the most modest building or remodeling budget.



The Winston lavatory, with heavily chrome plated legs and fittings, anti-splash rim, large shelf room, and handy towel bars (if you wish) brings an ultra-smart note into your bathroom.

**W. A. CASE & SON MFG. CO.**  
BUFFALO, N. Y.

Suggestions for the use of Case fixtures WITH ILLUSTRATIONS are yours for the asking. Just write to:

W. A. CASE & SON MFG. CO.  
Founded 1853 Dept. K38  
33 Main St., Buffalo, N. Y.



# HOUSE & GARDEN'S

## AWARDS IN ARCHITECTURE

### 1938

#### NOTICE TO ARCHITECTS

##### New Program of Awards

In drafting its 1938 Program of Architectural Awards, the editors of House & Garden have sought to eliminate the customary competitive requirements which place an unwarranted burden of work or expense upon the architect.

Accordingly, the new plan does not require that special entries be prepared. It is only necessary for an architect's work to be selected for publication in House & Garden to make him eligible for one of the Awards in Architecture. These awards, totaling \$2,750, will be made at the close of the year, by a competent Jury of architects.

From the houses published in the March to December issues of House & Garden, the Jury will select

the ones which are considered most significant and distinguished in design, plan and construction. To the designers of these houses, the four prizes and the ten honorable mentions will be awarded.

The Editors of House & Garden will not serve on the Jury of Awards. They will function exclusively in their editorial capacity, as a nominating committee, appraising material submitted and making selections for publication. Three or more members of the American Institute of Architects will compose the Jury.

Note that the issue of December, 1938, is the last in which material, eligible for the 1938 awards, may appear. Material for the December issue must reach the editors on or before October 1st.

#### SECTION 1. Eligibility:

- (a) All residential work as described under Section 2, designed by architects practicing in the United States and reproduced in this or any subsequent issue of House & Garden, up to and including the issue for December, 1938, shall automatically be eligible for certain awards as detailed under Section 2. (Material submitted for publication in the December issue should be received no later than October 1.)
- (b) Photographs of houses may be submitted at any time during the year (up to October 1), and in the customary manner of submitting photographs for publication. No special mounting is desired, but photographs should be of good quality on glossy paper.
- (c) It is preferable that black and white floor plans accompany such photographs, but plans may be prepared after material submitted has been definitely accepted for publication.
- (d) Photographs submitted by photographers or others, by request or with permission of the architect, are equally eligible for consideration and publication in House & Garden.

- (e) There is no restriction on the number of houses an architect may submit.

#### SECTION 2. Awards:

Published material will be judged and awards made in two classes, as follows:

##### CLASS I

Houses of 7 to 10 rooms, inclusive:  
 First Prize.....\$500  
 Second Prize.....\$250

House & Garden will have the option of inviting the First Prize winner to design the House & Garden "Ideal House" for 1939, in which case the winner will receive an honorarium of \$500 in addition to the \$500 prize award.

##### CLASS II

Houses of 6 rooms and under:  
 First Prize.....\$500  
 Second Prize.....\$250

House & Garden will have the option of inviting the First Prize winner to design the House & Garden "House-for-Two", in which case the winner will receive an honorarium of \$250 in addition to the \$500 prize award.

#### HONORABLE MENTIONS

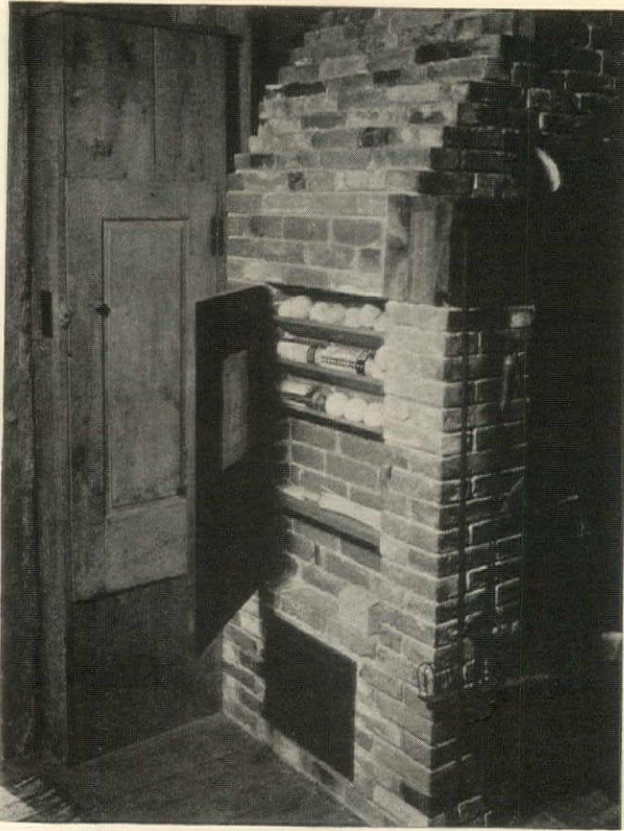
Supplementing the prizes in the above classes, a number of houses—not to exceed ten—will, at the discretion of the Jury, be selected for Honorable Mention and an award of \$50 each.

#### SECTION 3. Jury of Awards:

- (a) The Jury will be composed of three or more members of the American Institute of Architects.
- (b) Judging will take place during November, 1938, and announcement of the winners will be made in the issue of February, 1939.
- (c) The editors of House & Garden will function as a Nominating Committee, reviewing work submitted and making selections for publication; their decisions in this respect will, of course, be final. The editors will not serve as judges on the Jury of Awards.

Address all material to Architectural Editor, House & Garden, 420 Lexington Avenue, New York City. Material not selected for publication will be returned postpaid to the sender.

Additional copies of this program will be supplied upon request.



A convenient locker for sports equipment

## BARN INTO PLAYHOUSE

(CONTINUED FROM PAGE 49)

d", much to the satisfaction of all parties concerned.

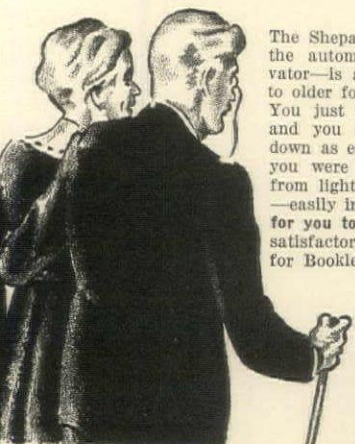
Although all the structural timber work was done by the local carpenter, well versed in the way the different parts should be pegged together, the chimney with its huge fireplace and stoves of historic precedent were the work of the masculine head of the household during recreational periods watched from "the city", without previous experience in bricklaying.

At the opposite end of the building, the hay loft and stairs from the third barn (almost a century old) provide balcony sleeping accommodations. Beneath is the living room end of the structure, ample space remaining between it and the fireplace for recreational purposes, where the youngsters the family may dance or a supper party may be accommodated at trestle tables.

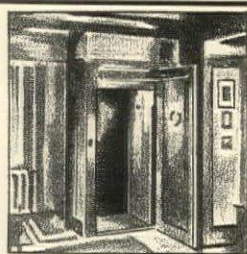
The electricity which we moderns find so indispensable has been introduced into old carriage lamps attached to the side walls, while colorful bottles and sturdy stoneware jars provide bases for table lamps, and simple wrought iron bridge lamps are not out of place in the primitive setting.

There are twenty-two windows (exclusive of the large one looking out upon the nearby tennis court, which is fitted into the space originally occupied by the wide barn doors), providing for ample ventilation in hot weather, flooding the interior with light and affording glimpses of sky and tree tops. Like the timbers and chimney brick, these windows were rescued from the dust of oblivion and salvaged from an old attic, where the original owner had most considerately stored them when removed from his own house to make way for modern ones with much larger panes.

## What a Relief Not to Have to Climb Stairs!"



The Shepard HomeLIFT—the automatic home elevator—is a priceless boon to older folk and invalids. You just touch a button and you are upstairs or down as easily as wishing you were there. Operates from lighting circuit—safe—dependable—modest price—easily installed in new or old homes. Let us arrange for you to see a Shepard HomeLIFT. Hundreds giving satisfactory service in many types of residences. Write for Booklet and details.



THE SHEPARD ELEVATOR COMPANY  
Builders of Finest Office and Hotel Elevators  
2429 Colerain Ave. Cincinnati, Ohio  
Representatives in Principal Cities

**SHEPARD HomeLIFT**  
PATENTS PENDING. TRADEMARK REG. U.S. PAT. OFF.



### Wall-Tex Prevents Plaster Cracks—

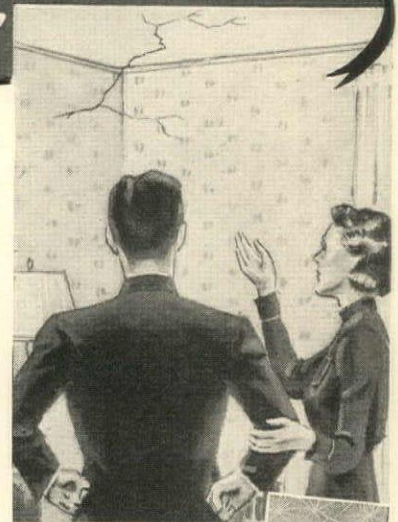
Wall-Tex avoids keen disappointment, keeps walls beautiful longer, saves the costs of frequent redecorating. It is the thrifty wall covering—with unique practical features that are essential to beauty. The durable Wall-Tex canvas base adds needed strength to the plaster and prevents cracking and scuffing.



Wall-Tex washability saves money, too. When we say that Wall-Tex is washable, we mean with soap and water. All smudges and smears wash easily away from its beautiful, non-absorbent surfaces—insuring clean, fresh walls season after season.

There are over 200 beautiful patterns and colors, in richly textured surfaces. Mail the handy coupon for swatches and beautiful portfolio of rooms.

**WALL-TEX**  
DECORATIVE WALL CANVAS



Free PORTFOLIO

Columbus Coated Fabrics Corporation  
Dept. HG38, Columbus, Ohio.

Send me Wall-Tex portfolio with colorful illustrations, including Wall-Tex swatches.

Name \_\_\_\_\_

Address \_\_\_\_\_

City and State \_\_\_\_\_

For free samples of BONTEx Washable Window Shades and LINTEX Stainless Table Cloths, check

## Simple Or Complicated Home Heating (Which do you want?)



1. Do you want the basement free from heating ducts?
2. Do you want your walls free from cut-outs for grilles and your floors free from registers?
3. Do you want radiators that are so made, they can be in the room and still be entirely out of it?
4. Do you want air conditioning, provided it costs less than any system you have heard about so far?

These are but four things that are important. How about all the rest that you want to be sure of having or not having? There's radiant and convected heat, for instance.

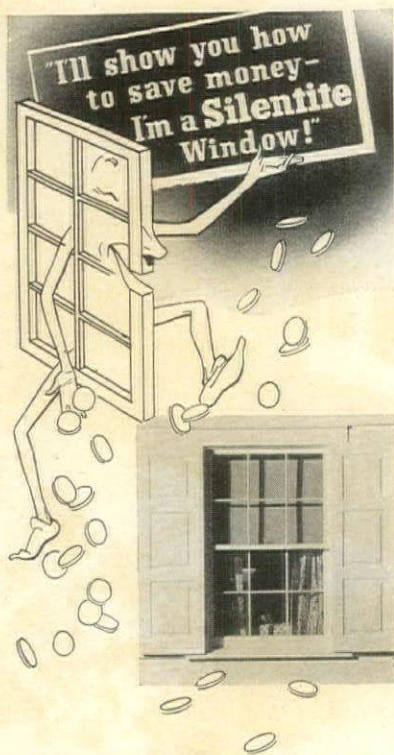
Your heating and air conditioning can be complicated. Or very simple. The Burnham is the simpler way. Cost is less. Results are equal to any. Send for this Home Heating Helps Book. Get full facts. See for yourself.

**BURNHAM BOILER CORP.**

Irvington, New York Zanesville, Ohio

Representatives in All Principal Cities of the United States and Canada

*Burnham Boiler*



● How would you like to cut as much as 25% off each month's fuel bill? You can do it when Silentite "Insulated" Windows are in your home. Owners all over the country tell us so.

Here's the first major improvement in windows in over 300 years. Here's a window that's several times as weather-tight as an ordinary double-hung window—weather-tight because Silentite, made by Curtis, employs a new, superior, patented type of weather-stripping that's built into each window unit at the factory.

There are no cords to break, no weights or pulleys to get out of order. Silentite won't stick, neither will it rattle in any kind of weather. It keeps draft and dust outside, reduces house-cleaning bills. And Silentite is a wood window, because wood gives lasting satisfaction. It's specially treated with a preservative to add still longer life.

Silentite is easy and economical to install. It's a troubleproof window that costs no more than other properly weather-stripped windows.

Ask any architect, contractor or dealer to tell you why Silentite is a better buy for you. They know Curtis, America's best-known name in woodworking for over 72 years.

Use this coupon to get complete information. If you are interested in case-ment windows you'll want to know about the new Curtis Silentite Case-ment which is also insulated.

**CURTIS COMPANIES SERVICE BUREAU**  
Dept. HG-3 Clinton, Iowa

**OTHER CURTIS PRODUCTS:**  
Sectional Kitchen Cabinets • Exterior and Interior Doors • Frames • Trim • Entrances • Moldings Panel Work • Cabinet Work • Mantels • Stairways • Shutters • Screens • Storm Doors and Windows • Garage Doors • Miterite Door and Window Trim. Sold throughout the Country by Reliable Dealers.

**THE INSULATED WINDOW**

CURTIS COMPANIES SERVICE BUREAU  
Dept. HG-3, Clinton, Iowa

Please send your book, "Curtis Insulated Windows," containing full details on heat-saving and "painless" Silentite Windows. I am planning to Build  Remodel

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_

### TERMITE CONTROL

(CONTINUED FROM PAGE 39)

for shelter tubes) below all posts, sills and joists.

This barrier, commonly called the *termite shield* consists of non-corroding metal such as cold rolled 20-29 ounce tempered copper placed on top of the foundation wall and projecting horizontally from 1/2 inch to 1 inch beyond each face of the wall and then turned downward an additional 1 to 2 inches at an angle of 45 degrees. This angle is important because a termite cannot build his shelter tube around it.

Wherever wood posts are used, non-corroding metal termite shields should be placed over small concrete footings at the base. If you use concrete or masonry piers to support the building, a through termite shield should be placed over the top of the piers.

Pipes extending into the ground should be protected by a termite shield at least 12 inches above the earth. In this case at least a three inch horizontal projection between the lower edge of the pipe is obligatory. It is important that the builder see that no wood or other cellulose matter be left around or within the foundations of the building.

You will already have planned to keep trellises and fences away from the building (two inches is sufficient). Your shrubbery will ordinarily be a foot away; so you have completed the method of construction that effectively safeguards against termites.

#### IF YOU ARE A HOME-OWNER

Except at swarming times (usually in Fall and Spring—depending upon the locality) you will not see termites. Should you investigate your building thoroughly and discover shelter tubes, you have definite proof that damage is being accomplished somewhere. The favorite points of termite attack are supporting columns, sill beams, floor joists, floor boards, foot uprights, weather boards, steps and porches. You may find some rotted wood (which gives a dull thud when struck) or a springy floor.

But even your most careful inspection is not reliable and the best policy you can follow is to have an expert who is associated with a reliable termite control company make a thorough examination. Ordinarily such inspec-

tions will be made without any charge.

Should you discover that termites exist (1) termites infesting the building must be destroyed, and (2) reinfestation of the building must be prevented. Both results are accomplished by placing an unbroken effective barrier in the path of the insects. This barrier may be either mechanical or chemical.

The mechanical method is substantially the same as that employed in new construction. Destroy the ground contact and you destroy not only the entrance of new termites but those already in the building. This is because the termite must have moisture—which he gets by returning to the ground—or he will die very quickly. (That, incidentally, is the reason that lumber which you buy is never infected with termites.) All structurally weakened wood should be replaced with new chemically treated members, and metal termite shields installed.

There is a second chemical method of termite control. It embraces little of the earlier methods (spraying insecticides, fumigations and soil poisoning alone) which were frequently ineffective.

This chemical method of control undertakes with chemicals poisonous to termites—every point at which they might enter or leave the building. In this process all understructural wood is treated with the chemical. This poison is not sprayed upon the surface of the wood but injected into it with a high powered electric pressure treating unit. The same process is used on wall areas through which termites might pass. In addition to this toxic shield throughout the building, the chemical is used to saturate the soil adjoining the building.

This process is directed toward creating a toxic chemical protection between the building and the ground from which the attacks originate. The success depends upon the thoroughness of workmen skilled in termite control and the particular conditions involved. You will want the best operators and, if the termite control company you choose offers you a contract guaranteed by a recognized surety or insurance company, you can feel sure that you are dealing with a responsible firm. Termites need not exist.

# HELP for the HUNTER

Lots of House & Garden's readers are house-hunting. Perhaps you are, too. Have you discovered the help that's offered in our Real Estate Directory? You can safely put your problem in the hands of any of the brokers listed there, for they're all heartily recommended by House & Garden. Or you might write directly to us, and we'll put you in touch with the best people to consult in any particular locality.

**House & Garden's Information Service**  
420 Lexington Ave., N. Y. C.

### BUILDING OR REMODELING?

# 20 PHOTOS FREE!

See lovely wood-shingled homes by leading architects

Let the pictures tell the story! No other roof or sidewall material can equal genuine Creo-Dipt stained shingles in natural, lasting loveliness. Creo-Dipt sends you 20 photos free. It tells how America's leading architect get a better new or remodeled house at lower first cost and smaller upkeep.

### MAIL COUPON!

Creo-Dipt Co., Inc.  
Dept. 33  
N. Tonawanda, N.Y.

Please send my free photographs of homes.

Name \_\_\_\_\_  
Address \_\_\_\_\_

## THE WECOLATOR

**AN INEXPENSIVE ELECTRIC ELEVATOR . . . for the home**

One doesn't have to be an invalid to appreciate this motorized chair which turns difficult stair climbing into a pleasant adventure!

The inexpensive WECOLATOR can be installed on any residential stairway. Controls at top and bottom of stair and also on chair. Goes around corners, across landings.

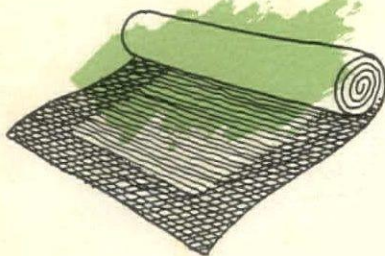
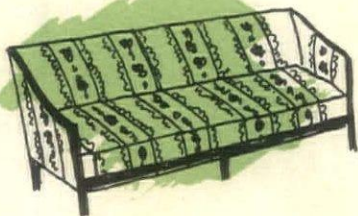
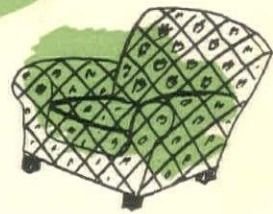
Runs on ordinary home current. Simple installation and mechanism enables extremely modest price. Send stair layout for quotation or write for pamphlet giving complete description.

**W. E. CHENEY COMPANY**  
735 N. 34th ST. MILWAUKEE, WIS.





# How to furnish YOUR "Ideal House"



## We do your shopping for you in APRIL HOUSE & GARDEN

Whether you intend to furnish a whole house or a single room . . . or are merely looking for authoritative advice on new trends in materials, color schemes and designs . . . you'll find April House & Garden indispensable!

For, between the covers of this feature issue will be not only the complete plans of House & Garden's 1938 "Ideal House," but a comprehensive, profusely illustrated "Portfolio of Furniture, Fabrics and Decorative Accessories," compiled by House & Garden's editors after a unique shopping tour of every major home furnishings market in America!

Just as Vogue is consistently first to report the current mode, House & Garden is first to bring you the home furnishings style story, *direct from the actual centers where home fashions originate!* Showrooms of leading designers and manufacturers . . . great wholesale furniture markets in Chicago, New York and Grand Rapids . . . smart decorating and accessory shops—House & Garden's editors spent weeks covering them all . . . inspecting, appraising, reporting.

And with the editors went expert photographers, to bring you a series of striking camera studies in color, and dramatic candid camera views, that make up a complete pictorial record of *what's new and what's best* in home furnishings and home decoration. You can lift ideas by the dozen directly from the pages of this practical Portfolio. You can use its advance information to work out your own ideas.

Helpful as a whole corps of decorators, the April "Ideal House" Number of House & Garden will be an inspiration to all who are responsive to the Spring urge to "do things" for their homes! It's an issue that will not only afford immediate help—but one you'll treasure for months to come, as an invaluable addition to your home reference library! So, be sure to reserve your copy early at your newsdealer.

APRIL "IDEAL HOUSE" NUMBER OF HOUSE & GARDEN ON SALE MARCH 18th

Feb 26 '38  
 Mar 7 '38  
 Mar 15 '38  
 Mar 21 '38

# GRACE LINE

Cruises to the **CARIBBEAN, SOUTH AMERICA** and **NASSAU**



THE BEACH DECK AND TILED SWIMMING POOL ON THE "SANTA ROSA", SISTERSHIP OF THE "SANTA PAULA" AND "SANTA ELENA"

**17 DAYS** from **\$285**  
 including  
**OUTSIDE ROOM**  
 with  
**PRIVATE BATH**

Visiting En Route

- PUERTO RICO
- PUERTO COLOMBIA
- BARRANQUILLA
- CARTAGENA
- ARUBA
- CURACAO
- LA GUAIRA
- CARACAS
- PUERTO CABELLO
- NASSAU



Shore trips, including exclusive 2-day, 160 mile auto trip through the interior of Venezuela, available at slight extra cost.

## SAILINGS FROM NEW YORK EVERY FRIDAY

in the splendid Grace liners

"SANTA PAULA"

"SANTA ELENA"

"SANTA ROSA"

Every comfort and luxury in ships built especially for tropical cruising

Outdoor tiled swimming pools

Dining rooms are high up in the ship and have wide casement windows which open directly onto promenade decks. The ceilings roll back so you may dine under the stars.

Dorothy Gray Beauty Salons

All outside rooms, each with private fresh water bath

Telephones in every room

Night Clubs Dance Orchestras

Pre-Release Talkies

Deck Sports Gymnasiums

Golf at most ports

No passports required

For illustrated literature, fares, etc., consult your travel agent or

# GRACE LINE

10 Hanover Sq. and Rockefeller Center, New York

Boston Washington, D. C. Pittsburgh New Orleans Chicago San Francisco Los Angeles Seattle