TIFFANY & CO.
Jewelers Silversmiths Stationers

SILVERWARE
Noted for Quality for 92 Years

MAIL INQUIRIES RECEIVE PROMPT ATTENTION
FIFTH AVENUE & 37TH STREET
NEW YORK

May, 1929
the MODERN NOTE
in EXTERIOR DECORATION

When selecting a new summer dress for your home, remember that your awnings, if wisely selected, will not only ward off the burning rays of the sun—but will endow your home with a new air of distinction and beauty.

Send for the Foster & Stewart Handbook which will enable you to harmonize the color scheme inside and outside your home. It is full of valuable hints and reproduces the latest fabrics and designs in their actual colors. Just use the coupon. No obligation is incurred.

INTRODUCING the new FOSTER & STEWART awning fabrics—and a sensational new sun-proof, water-repellent and wrinkle-proof finish.

Having captured the whole field of interior decoration from draperies to silverware, the modern urge for color finds its latest expression in the modernistic designs offered by Foster & Stewart Fabrics—the newest note in summer dress for porches, windows, swings, garden chairs and umbrellas.

For years, Foster & Stewart Fabrics have enjoyed a wide and well-merited popularity among owners of the finest town and country houses. With these new and distinctive patterns they are making many new friends.

And they actually cost less than ordinary awnings because they last for years. They have the firm weave and roughish texture of fine linen; the colors are proof against sun and rain; the finish is permanent. Once seen, they can be recognized anywhere by their warmth, color and inviting character.

Free with this Coupon

FOSTER & STEWART CO.
320 Broadway, New York City

Gentlemen:
Please send me your free handbook, which shows your 1929 awning fabrics and how I can harmonize in color the outside with the inside of my home.

Print your name
Address
City... State...
Strange... that the genius of a single family should have guided the smart world for a century in its choice of perfumes! Yet the reign of the Guerlain dynasty has been unbroken for a hundred changing years. The loveliness of the Empress Eugenie found its complement in the delightful flower odours created for her by Pierre Francois Guerlain. The gay rebels who shook off the Victorian yoke found their new daring incarnated in Jicky. The elegantes of today adore the sophistication of Shalimar.

GUERLAIN

PARIS • 68 CHAMPS ÉLYSÉES - MONTREAL • 60 CRAIG ST. W. - NEW YORK • 578 MADISON AVE.
Outfitters of
Distinctive Tables

Altman's large and ever-changing assortments of linens, china, glass and table accessories now include many moderately-priced selections for colorfully appointed Summer tables.

China and Linens—Fourth Floor

SHOWN: Stemware, etched $7, and Swedish rock crystal $30, a dozen and five types of ware offered in 100-piece sets for $85 and less, or selectable from open stock in smaller amounts—a quaintly modern design with deep gray band and flower motif, one on which orange, black and gold is used with effective restraint, a gracefully designed set with cool green bands accented by lines of black and gold, Old Waller Rustic with green bands and scenes in soft gray tones, and... on the table... the Old Waller Blue rose pattern with blue handled cutlery and blue-and-crystal stemware displayed on an Italian cloth that is exceptionally cool-looking for a Summer table, $62.
Artistic expressions of modern designing in silverware. Because of their simplicity, these designs will blend agreeably with any style of interior decoration.

The Caldwell collection of silver is all-inclusive, covering every period—antique and modern.

J.E. CALDWELL & CO.

Philadelphia

Height of bowl, five inches; of tall vase, including base, fourteen inches; of small vase, four and one-eighth inches.
Yearly the Salon des Artistes Decorateurs holds an important exhibition in Paris. In the 1928 showing, the work of Mlle. Suzanne Lalique was enthusiastically acclaimed; her splendid group of designs for modern china was a great success. This brilliant young artist has recently been made a member of the Legion of Honor.

Macy's presents China
Designed by Suzanne Lalique

Charming patterns in lacquer red or hazy pinks on a porcelain body in celadon—an adaptation of the tint found in Chinese ceramics. Made in France by Theodore Haviland. Sold in open stock as well as in the 100-piece dinner services which are priced. The patterns illustrated; top, $149.00, lower, $164.00.

Macy's
34th Street and Broadway
New York
TOUCHED WITH
A FLOWER'S SORCERY

Her luminous beauty is sheathed in a mist of fragrance. Her soft cheek is as delicately scented as a night moth's velvet wing. And the warm curve of her lips is a provocative perfumed mystery. Lenthéric has touched her loveliness with a flower's sweet allure... The misty clinging powder bestows a petal-texture... The lipstick endows her with its subtle glowing sorcery... The slim silvery compact is a ready hand-maiden to her beauty.

In all the finer shops, as well as in the Lenthéric Salon, you will find a complete ensemble of fragrance in your favorite Lenthéric odeur, reflecting with rich fidelity the radiance of Asphodele, Miracle or le Pirate... Soothing as scented pomade are the Lenthéric lipsticks in cases as gay as toys of pearl-and-gold... Each silver-misted powder box holds its own matching puff!... So slim and jewel-like is the silvery compact that you're surprised to discover it serves a double purpose—and each has its extra powder refill. At delightfully moderate prices.

Lenthéric Paris

PARFUMS

FIFTH AVENUE AT 58TH STREET - NEW YORK

245 RUE SAINT-HONORÉ - PARIS - FRANCE
THE paneled interior of a famous old manor house of one of the English shires provided the inspiration for this lovely room of pine at the Hampton Shops. Its exquisite details attest the artistry of the Hampton cabinetmakers in recapturing the Old World charm of the original.

Against such a background important pieces in the Georgian or Queen Anne tradition find a place . . . lacquered desks, writing and lounging chairs, shaded lamps. And it is such interiors that the Hampton Decorators prepare with such facility in homes of dignity, in town or country. 

18 EAST 50TH STREET NEW YORK
This Sun Room

...invites the sunshine... and then reflects it in the stunning effects achieved with Bartons Trimmings on the draperies, curtains, and cushions... trimmings that are sunfast, gaily colorful, and so very inexpensive.

The draperies are trimmed with Bartons Trimmings No. 279. The sheer curtains are edged with Bartons Trimmings No. 230. The valance is edged with Bartons No. 180. The pillows are trimmed with Bartons style No. 124 and No. 311 and cording No. 396.

Just to draw back the curtains and flood a room with sunlight is, in itself, delightfully soothing and restful... but a Sun Room, created to complement the sun... even when it doesn't shine... is heavenly!

In creating your Sun Room, so much depends on the little touches of color... the bindings on your draperies and curtains... the colorful trimmings on the cushions... the perfect finishing and cording of your furniture covers. Most of Bartons Trimmings are guaranteed fast to every known test... not the least of which is the sun... and are folded double, ready to apply. They are made in combinations of two, three, and four colors, in fancy stitching, fagotings, double hemstitchings; in glazed chintz, plain, and pleated.

Before you do your Sun Room, send for our free booklet, "Your House of Charm" which pictures in colors the myriad uses of Bartons Trimmings... on draperies, curtains, cushions, furniture covers and all the accessories that make a home so much more livable and beautiful. And then ask to see Bartons Trimmings at your favorite store... you'll love them!

BARTONS FABRICS COMPANY
79 MADISON AVENUE • • NEW YORK, N.Y.
KENSINGTON FURNITURE

AWARDED GOLD MEDAL OF HONOR IN NATIVE INDUSTRIAL ART
39TH ANNUAL EXHIBITION ARCHITECTURAL LEAGUE OF NEW YORK

AMERICAN HEPPLEWHITE MAHOGANY SIDEBOARD, by KENSINGTON

The Homes of Old New England and Their Furniture

The craftsmanship that produced our distinctive Colonial architecture is equally evident in the charming American Hepplewhite sideboard illustrated. It represents the highest development of American cabinet-making, and eloquently expresses the simple dignity and quiet charm we associate with the Old New England home.

By cleverly recessing the cupboard and placing the sexagonal center legs so as to follow the smoothly flowing line of the body, the old craftsman secured the ample accommodation demanded by our practical ancestors without sacrifice of grace or beauty of proportion, while the restrained and beautifully executed inlay-work gives a refinement and charm of color that delightfully complete the design.

Made by hand throughout of beautifully figured mahogany and finished in the rich warm tones of old wood to withstand both heat and dampness, this Kensington reproduction is comparable in beauty only with the best of old work and for practical considerations it is decidedly preferable to the antique.

The same sincerity in design and equal quality in craftsmanship characterize all Kensington Furniture; and Kensington Furniture is made in all the decorative styles appropriate for American homes.

The purchase of Kensington Furniture may be arranged through your decorator or furniture dealer.

KENSINGTON MFG. COMPANY
MANUFACTURERS
DECORATIVE FURNITURE
NEW YORK

SHOWROOMS, 41 WEST 45TH STREET, SIXTH FLOOR

Write for illustrated booklet H and pamphlet, "How Kensington Furniture May Be Purchased"
In the window shown, where rayon taffeta is used over cream net, Judd Decorated Bluebird Rod No. 9H11 is the basis of the window's beauty. This window is an excellent example of the many lovely window treatments illustrated in our interesting booklet, "Suggestions for Beautiful Windows," which we will gladly send you free if you will fill out the coupon below and mail it to us promptly. Thousands of women have found this booklet most helpful in solving their problems of window draping. You will find it helpful too. Fill out the coupon now.

JUDD
Drapery Fixtures

Utter simplicity is lent distinction by this beautiful rod

The simplest window treatments have a charm of their own; and, fortunately, this charm is easy to achieve since the advent of the Judd Decorated Rods.

In the window shown here, for instance, note how attractively the rods complete the effect—the conventionalized horse chestnut leaves are graceful in every outline. Yet this Judd Decorated Rod No. 9H11 is most reasonable in price. Decorated Bluebird Rods retail at $1.50 to $4, complete with brackets, rings, etc. Ask to see them at your local furniture, department or hardware store. You will be delighted at their beautiful finish.

If for any reason your dealer hasn't Judd rods in stock, write us and we will see that you are promptly supplied. H. L. Judd Company, Inc., 24 West 40th Street, New York City.
The Very Chair Every Modern Living Room Needs

Here is a fireside chair that seems to reach out to claim you for its own. Its comfortable depth with wing back and arms invite relaxation and leisurely enjoyment... the upholstery of new curled hair is resilient... the down-filled cushion never packs... its unusual beauty and the dignity of its solid walnut frame place it among your heirlooms.

Of a later English period, this Kittinger reproduction should not be confused with similar models of the earlier Queen Anne type. There should also be no confusion with commercial chairs of this appearance built for competition. Like the other pieces in this group, all Kittinger furniture is of authentic period design, constructed throughout in solid Cabinetwoods, principally American Walnut, Honduras Mahogany and Oak, with a few in Maple.

Such pieces of furniture may be acquired from time to time to bring new charm to any room. There is assurance of durable service at so reasonable a price that there need be no sacrifice of budget expenditures for present-day luxuries.

Let us send you an attractive booklet on Living Room Furniture... profusely illustrated... together with names of dealers in your vicinity through whom you may purchase. Kittinger Company, Dept. 56, Elmwood Avenue, Buffalo, N.Y.
Charming Queensware

One of the most delightful—and interesting—of the new services in Queensware is The Torbay pattern on Patrician. The decoration, in a warm tone of green, depicts Old World scenes, and takes one back to foreign lands, recalling delightful holidays abroad. The Torbay, which may be had in the stores in open stock, offers an exquisite dinner service for the hostess of discriminating and cultured taste. Queensware, although often imitated, is an exclusive product of the Wedgwood Potteries at Etruria. Before buying, one should always take the precaution to look for the trade mark on the bottom of each piece.

We shall be pleased to send you a copy of our illustrated booklet upon request.

Josiah Wedgwood & Sons, Inc.

255 Fifth Avenue
New York

Mark on Jasper, Basalt, Queen’s Ware, Etc.

Potteries: Etruria, Stoke-on-Trent, England

Mark on China

Wedgwood

WHOLESALE ONLY

WEDGWOOD
EXOTIC WOODS FROM THE VALLEY OF THE AMAZON...

Imaginative bits of craftsmanship... outlines of grace and precision that merge into the decor of our day... friendly furniture that fits into the apartment or the intimate corner with equal grace. These are all points that make DYNAMIQUE outstanding in its charm.

But DYNAMIQUE has been endowed with more solid qualities than just mere charm. In designing these pieces, every thought has been given to the equally necessary qualities of easy comfort and livability.

JOHNSON FURNITURE CO.
JOHNSON-HANDLEY-JOHNSON COMPANY
GRAND RAPIDS, MICHIGAN
Often have you read how, in the Middle Ages, it was the delight of Kings to entertain their banquet guests with the music of one of the great harpists who used to tour the land. Perhaps you recall a passage such as this from the old Chronicles:

"And when the news spread that great Raftery would be present, there came many noble folk who otherwise had remained at their own firesides. And without the castle walls there huddled many of the town gentry, hoping that they might hear a few strains of Raftery's music. And when great Raftery stepped into the banquet hall, a deep silence fell over all the gathering. And when he touched the strings of his harp, wondrous music came forth. And of those that heard him, they that were ill at heart, felt cheered; they that were troubled in mind, gained peace. And for many days thereafter, there remained with all the healing memory of Raftery's playing."

Today you can own a magic instrument for which any mediaeval King would gladly have given castles and lands and treasure from the Indies. The Ampico brings to your castle not one great soloist, but hundreds—music more inspiring than any described in legend.

Rachmaninoff's C Sharp Minor Prelude, for example, magnificently played by the composer himself; Strauss's Blue Danube Waltz, its melodies exquisitely moulded by the hands of Levitzki; Broadway fox-trots, sparkling duets in which Arden and Carroll make your feet restless with the urge to dance; two thousand other musical tidbits played by such famous pianists as Lhevinne, Orloff, Ornstein, Confrey, Youmans, Lopez, Brailowsky, Grieg, Samaroff, Victor Herbert. How wonderfully the music of the piano brings rest, inspiration, comfort!

In the Ampico, and only in the Ampico, the artist's playing is reproduced exactly upon the piano itself. By exclusive patented devices which no other instrument may employ, the Ampico preserves every bit of shading, every crescendo or diminuendo, every delicate subtlety of the artist's interpretation.

The Ampico is available in such distinguished makes as Mason & Hamlin, Knabe, Chickering, J. & C. Fischer, Marshall & Wendell. A furniture show-piece which holds its own with the finest, an Ampico will enrich your living-room, aid the children in their music studies, provide countless evenings of entertainment for you and your guests.

Write for catalogue to the Ampico Hall, 584 Fifth Avenue, New York, N.Y. or visit your local dealer today and enjoy a private recital by the great Ampico artists—artists so numerous and so costly that no man could ever hope to assemble them in a single concert hall.
People who know real values... in life and living as well as in motor cars... are the people who buy Buicks.

It takes judgment to get the most out of life, or out of motor cars. Men and women who buy Buicks have the faculty of determining real values. They obtain finest performance, finest appearance, finest comfort... without the penalty of burdensome upkeep and without paying any premium.

Buick Motor Company, Flint, Michigan • Division of General Motors Corporation
BATHROOM beauty does not necessarily mean large expenditures. In proof, this room is offered. The hangings are inexpensive, the walls painted plaster, the floor oak. Not a square of costly tiling is used. Yet it would be hard to find a room more colorfully charming. Or possessing more modern plumbing comfort and quality than this one, with its Nile green lavatory, dressing table, and bath, from the newest Crane Corwith group. Suggested for remodeled houses, where it will add value far past the cost, this room will be inspiring also in planning new houses. Many other Crane ideas for beautiful bathrooms have been collected in the book, *New Ideas for Bathrooms*. Ask for a copy. See your architect and a responsible plumbing contractor about plans and estimates.
THE SUN ROOM
BEAUTIFUL

CHARMING effects may be created in one’s solarium or living room by furnishing in the modern manner, with one of the newest creations in Rattan furniture.

The group illustrated presents one of our latest and smartest designs, developed on Art Moderne lines. In construction it is all rattan—the strongest and lightest of woods—shaded to lend variation in tone value, with natural varnish finish. The various pieces are ornamented with bands of French Enamel Cane in contrasting colors, and are upholstered in a fine Hand Blocked English Cretonne. Truly a suite of exceptional attractiveness, and particularly appropriate for the living room in Southern climes.

Sons-Cunningham, during the forty-three years of their existence, have ever been originators—never imitators—in the designing of fine closely woven Reed, Stick Reed and Rattan furniture. You are cordially invited to visit their showroom, where a most representative display in a wide range of designs and colors is available for your selection. Purchase may be made through your dealer or decorator.

A portfolio of colored prints and other illustrations will be mailed upon receipt of 25¢.

Sons—Cunningham
Reed & Rattan Co., Inc.

ESTABLISHED 1886

383 MADISON AVENUE • at 46th Street • NEW YORK
“What pieces in Sterling are the very least we can get along with, at the start?”

“Just what would they cost us?”

“If I give a little informal dinner, and have neither bouillon spoons nor soup spoons, how had I best serve soup?”

“Can my menu include a canape or other hors d’oeuvres or a salad before I’ve added salad forks to my set?”

“If Uncle Andrew should like the dinner I serve him, and say, ‘Bless you, my children, and what pieces in this lovely silver would you like next?’ just what pieces ought I mention, to help me on my way to formal entertaining?”

“As my silver set grows, how can I be sure to avoid a mistake so many women make — ‘lazy’ pieces, forever tucked away in their flannel wrappings, while some other pieces have to be rushed out and washed between courses?”

“And then, about table settings
... is it the most approved thing nowadays to......”

DON’T...DON’T DECIDE UNTIL YOU’VE READ...
“Correct Table Silver
ITS CHOICE AND USE”

THERE never was such a booklet for answering silver questions!
Page after page, to help you determine what sterling selections are best suited to your needs. In all, ten lists are discussed in terms of how many people they will serve, and what sort of menus each will permit. You’ll find your own requirements among them—and so avoid the error of too many of this, and not enough of that.

Then there are beautiful and correct table settings—described and pictured so that having this booklet at your elbow is almost the same as having a social secretary to consult.

New silver usage is told about, too—and that’s important in these days of changing modes...
And then there’s a glorious array of patterns for your admiration, with a full list of pieces and prices on each, so that you can figure, to the penny, just what the silver of your choice will cost.

All supervised by Elsie de Wolfe, famous interior decorator and hostess. All fascinatingly told. All beautifully illustrated, to make this a gem among books for your permanent library on entertaining.

Send 25c, to cover mailing and wrapping costs. Write for this fascinating booklet today.

INTERNATIONAL SILVER CO., Meriden, Conn.

Enclosed is 25c. (coin or stamps), for which please send at once my copy of "Correct Table Silver.”

Name__________________

City__ State__________
PINE TREE . . . the much-discussed modern pattern with American background.

MINUET . . . as charming as the Colonial life that inspired it.

TRIANON . . . French . . . with classic ancestry . . . delightfully restrained in feeling.

FONTAINE . . . luxurious, in the manner of the French Renaissance.

WEDGWOOD . . . as delicately lovely as the famous pottery of that name.

Prices are decidedly modest, six teaspoons costing from $11.00 to $12.50, according to pattern, while a twenty-six piece starting set varies from $73.35 to $90.00.
Furniture

Over a Hundred Years of Service to the
for the Garden Beautiful

THE Italian stone and marble Garden Furniture procured through this House has helped in making many of America's most distinguished gardens. Through our connections in Italy we are able to secure hand-carved pieces that are high achievements in design, often so extraordinary as to preclude all possibility of duplication. Many of them are genuine antiques, taken from old Italian estates where they had lain for centuries. In our showrooms you will find everything for garden enrichment. Past-recalling well heads . . . fountains . . . urns inviting seats and benches . . . everything to complement nature's own gifts for garden loveliness. You would greatly enjoy a visit to one of our showrooms, but if you cannot come, send for booklet and photographs. Address us at New York, Dept. HG.

JACKSON COMPANY

2 West 47th Street, New York
318 North Michigan Avenue, Chicago

PROMINENT FAMILIES IN THE SOCIAL REGISTER
EVER HIGHER IN KEY... SWIFTER IN TEMPO

...mounts the style theme of today's motor cars, set afresh by the new Studebakers!

SWIFTER, keener, higher, rises the vibrant theme of modern motor modes. And most fittingly, Studebaker, holder of *every* official stock car record for speed and endurance, strikes the first fresh note of this new and finer motor car style.

Inspired by speed and stamina unmatched in all motordom, Studebaker's craftsmen have admirably interpreted these championship qualities in coachcraft of real distinction. Even in repose, these great new Studebaker eights and sixes proudly express their flashing fleetness and tireless energy.
Worthily matching this spirited performance is the quiet comfort which only Studebaker-built cars provide. Poised on ball bearings, friction-free—low swung and steady, due to costlier double-drop frames—gentle and restful because of new type hydraulic shock absorbers. Your Studebaker motor car is a Champion—yet its cost is not excessive, the result of Studebaker's One-Profit manufacture.


All prices at the factory, bumpers and spare tires extra.

STUDEBAKER
Builder of Champions
This... New Chintz by Rockwell Kent
"THE BRIDGE OF SAN LUIS REY"
Captures the Spacious Vistas of the Andes

Windblown trees on rocky ledges—laden burros—sturdy peasants—the serrate line of the Andes—make this one of the most original and decorative cretonnes ever created!

In this, his first chintz design, Rockwell Kent, who illustrated the new de luxe edition of "The Bridge of San Luis Rey" (which will be bound in this same chintz), has caught the very feeling of the primitive Peruvian scene. Use it against the rough plaster walls of a Spanish interior and you will find it particularly effective.

It also makes distinctive screens, waste baskets, dress, suit and shoe boxes, and similar fittings—coming in either glazed or plain finish, on grounds of pale terra cotta, mountain green, sunset gold, desert sand, agate grey, or black—all equally striking.

Ask to see Waverly Fabrics in the drapery departments of dry goods, furniture and department stores. They are as unusual in quality as in design, and exceptionally durable—yet they cost but fifty cents to a dollar and a half a yard.

Waverly Fabrics
A SCHUMACHER UNIT
She can't quite decide which is the more exciting (bystanders say it's fifty-fifty with her verve) ... jumping horses or driving a powerful car. So she does both ... with a flair. Rides to hounds at Lake Forest and flits to France for the hunting at Pau. Drives her HUPMOBILE wherever the road leads. Owns Au Paradis, a clever shop devoted to modern decoration. And owns an absolute gift for amateur theatricals. Collects modern jewelry and her pieces by Paul Brandt and Fouquet of Paris are something to write articles about. Vionnet and Nicole Groult make her clothes. Agnes creates her hats, and smart as they are it's sinful to hide her white hair. Carol & Roberts of London make her riding habits. She drives a car as she hunts or works or plays ... and that's hard. So it takes a HUPMOBILE. She likes it because it's fast and spirited as her best hunter, masculine in its rugged strength, feminine in its suave, silky, luxurious ease.

AMONG THE DISTINGUISHED DRIVERS OF THE NEW CENTURY HUPMOBILE

Mrs. Howard Linn

[nee Lucy Blair]
The high quality materials, the fine workmanship and the absolute reliability of Auto-Lite starting, lighting and ignition systems, have made Auto-Lite the world’s largest independent builder of electrical units for motor cars and motor boats.

THE ELECTRIC AUTO-LITE COMPANY
OFFICE AND WORKS: TOLEDO, OHIO
Also Makers of De Jon

Auto-Lite
Starting, Lighting & Ignition
The MOST BEAUTIFUL, LOW-PRICED

NEW "FINGER-TIP CONTROL"

The tastefully modern design, the beauty of line and color of the new style Willys-Knight Six distinguish this attractive car as the outstanding creation of the country's leading style specialists.

Only among the costliest custom-built cars can you find adequate comparison with the artistry of finish and perfection of appointment which characterize this inexpensive Willys-Knight.

WILLYS-OVERLAND, INC., TOLEDO, OHIO

WILLYS-OVERLAND SALES CO., LTD., TORONTO, CANADA

COACH $1045

There are thousands who have always desired a Knight-motored car but until now have been restrained by the necessarily higher cost of the patentd double sleeve-valve engine. By them, this distinctive new Six is welcomed as history's finest Willys-Knight value. By present Willys-Knight owners, the new car is acclaimed as still further proof of Willys-Overland's constant progress in engineering, body design and refinement of detail.
Impressed by an ancient Persian masterpiece, Servian Rug Pattern 31 brings warmth of color and a feeling of true luxury to this combination living room and book room. This deep-piled, lustrous rug is woven to wear; the design goes through to the back, and the fringe is part of the warp itself—not sewed on.

New modes of living necessitate new types of rugs and carpets. Our small apartments—composite rooms—dinettes—sun parlors—all require appropriate floor fabrics. Compact space, too, means harder wear; so today’s rugs must be more serviceable.

These new-age requirements are all met by Bigelow-Hartford. Rugs and carpets of enduring beauty have been specially developed for the new-type rooms. Finest materials, painstaking workmanship, and a century of fine weaving experience bespeak highest quality and maximum service.

Practical folders describing various types of rugs and carpets will be sent free on request, together with the name of a nearby merchant who will show you these weaves.

If you enclose 25 cents, you will also receive *Color and Design, Their Use in Home Decoration*, a beautifully illustrated book, just as practical as it is interesting. Bigelow-Hartford Carpet Company, 385 Madison Avenue, New York.
The dining room illustrated above was created by the Decorative staff of Marshall Field & Company to illustrate what can be achieved, at very moderate cost, if care and taste are used in the selection and arrangement of your furniture and furnishings.

The Knickerbocker suite, by Berkey & Gay, for which the room was designed, will be on special display during May in leading furniture stores throughout America.

This charming suite is an authentic modern interpretation of the famous Duncan Phyfe style, so highly popular today, as in years gone by, for its graceful simplicity of line and Colonial refinement of detail.

The beauty and value of the Knickerbocker are further heightened by the harmonious contrasting of hand-matched woods and the many commodious drawers and compartments for linen, silver, china and glassware.

Typical, indeed, is the Knickerbocker suite of Berkey & Gay craftsmanship. Inspect it, together with many other advanced Berkey & Gay creations, at your leading furniture dealer's — during MAY. And watch his newspaper advertising for further announcements.

** DETAILS OF THE MARSHALL FIELD ROOM **

For the Knickerbocker suite, Marshall Field & Company have designed this exquisitely simple and appropriate setting, with woodwork, panelled walls and ceiling in old white; oak finished floor in medium brown; and rug copied from a sixteenth century palace carpet. The glass curtains are ecru marquisette, with over-curtains of glazed chintz in a floral pattern of rose and soft green on an ecru background, hung from gilded wood poles with pineapple-shaped ends and held back by mirror glass holders with cord and fluffy tassels. On the sideboard is a Wedgwood Queensware bowl, embossed in Wedgwood blue on deep ivory, with two crystal candelabra and ivory candles. Over the sideboard an eighteenth century flower oil painting, with antique gold frame to blend with the rich colors of the flowers. For the table a beautiful Pointe Venice scarf with sterling silver bowl, hand-chased. Chandelier in dull gold with silk shades to match and chair coverings in green and gold frize.

For a host of similar hints on interior decoration and furniture arrangement —including a fascinating new chapter on Modern Furniture—consult the new 1929 edition of the Berkey & Gay "Furniture Style Book," endorsed by the country's leading decorators. Send fifty cents in stamps or coin for your copy.

** BERKEY & GAY SUITES ARE PRICED FROM $200 TO $6000 **

** Berkey & Gay Furniture **

BERKEY & GAY FURNITURE COMPANY, GRAND RAPIDS, MICHIGAN : FOUNDED 1853

NEW YORK WHOLESALE SHOWROOM, 113 WEST 40th STREET
An Architect who builds for

"I always guard against THE SHADOW

An interview with
MR. J. CUSTIS LAWRENCE
who has recently designed the residences of
MR. RING LARDNER
and MR. GRANTLAND RICE

Why do I specify brass and copper for my houses?

"The answer is simple: I couldn't conscientiously specify anything else... Looked at from any viewpoint: as a matter of economy, or convenience, or health, or pride in the appearance of the house, or even resale value of the house—the use of non-rustable metals is always advisable. In fact, I believe that you cannot build a permanently sound house unless that house is guarded against rust.

"By actual experience I have found pipe that rusts most unsatisfactory for hot and cold water lines. It is bound to fail—give trouble and prove expensive.

"Anaconda Brass Pipe—on the other hand—is almost indestructible. Because it cannot rust, it always delivers the water at full pressure, clear and fresh, and free from rust stains......

"But it is not only in the water pipe that rust causes trouble. The outside of the house, too, has to be guarded against rust.

"Rain pipes, gutters, and roof flashings made of iron and steel are unsatisfactory in my opinion. Their constant exposure to moisture rusts them quickly. Repairs, replacements and expense are the results.

"But copper outwears the severest winters and after years of service is as good as new.

"In my seashore houses—such as the homes of Mr. Ring Lardner and Mr. Grantland Rice—I have used Anaconda Copper and have never had any trouble. As the moist salt air of the seaside is particularly corrosive, this is a splendid proof of the durability of copper......"  J. CUSTIS LAWRENCE.

The Use of Anaconda Copper and
Brass Saves Money!

Anaconda Copper and Brass cannot rust. When you build with them you build soundness, durability, freedom from worry and trouble into your house.

No matter how long you live in the house you will never be bothered with replacements or repairs due to rust. That is why the use of Anaconda metals is a very real and tangible economy. Although the first cost of Anaconda Copper and Brass is somewhat higher than the cost of rustable metals, even the first few years show very definitely that you actually save money. This fact
Famous Clients says:
OF RUST

The summer house of Mr. Ring Lardner, famous author and humorist, designed by Mr. J. C. Lawrence, at East Hampton, Long Island.

has been proven by an authoritative, nation-wide investigation. The figures in the chart on the right are conservative estimates. A careful reading of this chart will be worth your while.

Every Anaconda product is fully guaranteed by the world's largest manufacturer of copper, brass and bronze products. A single organization with more than a hundred years' experience, is responsible for every process from mine to consumer. Every length of Anaconda Brass Pipe is stamped "Anaconda", as is every sheet of Anaconda Copper.

Send for this vital information
"The Home Owner's Fact Book" by Roger Whitman

To those interested in acquiring a home, "The Home Owner's Fact Book," by Roger Whitman, the eminent building economist, is offered. It deals with many important facts often overlooked, and gives authoritative advice on home-buying. Sent upon receipt of twenty-five cents. The booklet, "Rust-Proofed," containing data on the advantages and economies of rust-proofing the house, will be sent FREE. Address: The American Brass Co., Dept. H-3, General Offices: Waterbury, Conn.

A comparison, looking years ahead

How can rust affect my house? To answer this important question the chart below has been prepared. It shows—fact for fact—what happens in a house where rustable materials have been used, compared with a house that is proof against rust. These facts have been gathered from actual, thorough investigation. (The figures quoted in the chart apply to the average $15,000 house.)

Rustable Water Pipe

Low initial cost.
Iron or steel pipe rusts.
Water from rusty pipe is disagreeable for drinking; stains laundry.
Rusty deposits clog up the pipe; reduce flow of water; slow up washing and bathing.
Pipe leaks caused by rust may flood house or cellar. May damage ceiling, walls or furniture.
Rust-clogged pipe has to be repaired or replaced.
Higher eventual cost—due to repairs and replacements.
Rusted pipe is a disadvantage in selling the house.

Rustable Gutters & Rainpipes

Low initial cost.
Because they are constantly exposed to weather, they rust quickly.
Water seeping through rust-holes may cause damage to house.
Replacement necessary after five to eight years, or even sooner.
Higher eventual cost—due to repairs and replacements.

Anaconda Brass Pipe

Slightly higher initial cost.
Brass pipe can't rust.
Water from Brass pipe always flows clear, fresh, sparkling.
No rust stains.
No rust-clogging. Pipe always clear.
Water always at full pressure, upstairs and down.
No leaks from rusting. No damages from flooding. No worry over hidden rust trouble!
No expense for rust-repairs or rust-replacements, Ever!
Substantial saving (about $435 during the first 14 years).

Anaconda Copper Rainpipes

Slightly higher initial cost.
Copper gutters, rainpipes and flashings can't rust—no matter how many years they are exposed.
No rust-holes; consequently no damage from seeping water.
No rust-replacement ever necessary with copper.
Substantial saving (about $335 during the first 14 years).

AND BRASS Can't Rust
There is one door in every home that no woman need ever open

It is the door to the cellar—the door thru which tens of thousands of women pass daily to tend coal-burning furnaces.

This slavish attendance on a furnace is so unnecessary from any point of view—economy—health—decent living—that it is incomprehensible why so many women continue to practise it.

The same furnace or boiler in which you now burn coal can be so equipped that you can burn oil. All that is necessary is to have a Quiet May Automatic Oil Burner installed. Then, you need never again pass thru the cellar door to attend to the furnace.

There is absolutely nothing to do to the furnace when you have a Quiet May. You don't have to start it or stop it or do anything at all to it. It is automatic. It regulates itself. It keeps a uniform temperature within your house all winter long.

When the Quiet May is installed you decide to what degree you want your house heated. Then you forget about it. There is nothing more for you to do. The Quiet May keeps your house heated to the degree you designate regardless of how frequently or rapidly the weather changes, and regardless of what the temperature is out-of-doors.

A complete explanation of how the Quiet May works is contained in a book that you can have free. Just send us your name and address together with the coupon shown below and the booklet will be mailed to you. The book tells its story thru pictures.

In four or five short months cold weather will return. Will you again go thru that coal-heaving, ash-hauling experience, or will you have a Quiet May Automatic Oil Burner installed and let a simple mechanical device do your manual labor for you. Send for this booklet and then decide.

QUIET MAY
AUTOMATIC OIL BURNER

MAY OIL BURNER CORPORATION
BALTIMORE . . . . MARYLAND

Please send me a copy of your free booklet that shows in picture form how the Quiet May Automatic Oil Burner looks and works.

Name:

Address:
MADE-TO-ORDER WEATHER FOR THE HOME

Will a New Type Heating System, Combining the Functions of Heating and Air Conditioning, soon be a Requisite of the Ideal Modern Home?

FOR SALE—Colonial home of distinction, in excellent location—beautiful surroundings. Brick and frame, 9 large rooms, oak floors throughout, brass plumbing, automatic refrigeration, Weathermaking System for heating and air conditioning.

A WEATHERMAKING system," you say. "A system for making weather? I wonder what that is."

It is natural that you should be puzzled.

You have probably never seen those two words in connection with a "For Sale" advertisement. But soon you will be seeking them, or other words describing such a system. Scientists, engineers and health authorities expect a system of weathermaking to be a requisite of the ideal home in the near future.

In view of the fact that systems of weathermaking are now in actual operation in homes today . . . and that predictions have been made regarding their greater future use, it will be of interest to home builders to know something about them now.

But first of all, let us classify the weathermaker. A Weathermaker is a heating system of a new type . . . different from any home heating plant you ever saw and much more complete. It supplies warmth in winter . . . and does much more than that. It is specially designed to condition air and to manufacture weather—not merely to furnish heat.

But why should we need more than heat in our homes? This leads us directly to one of the reasons ascribed for the invention and perfection of the home weathermaker—the almost universal practice in this country of keeping our homes warm in winter with a dry, moistureless heat that has a harmful effect on our furniture, our health, our comfort, and to some extent on the interior construction of the house itself.

It is a known fact that humidity in the average American home in winter is less than that maintained in a lumber-drying kiln (20%) and well below the minimum found on the Sahara Desert. So serious is this lack of moisture that furniture manufacturers and rug weavers hold it largely responsible for the rapid deterioration of woodwork and carpets and are warning the public to give proper consideration to the supplying of moisture to indoor air if they wish to preserve their furnishings.

Just how does this dry, moistureless condition of the air come about? Winter air outdoors at zero temperature will hold half a grain of moisture per cubic foot. At 32° air will hold two grains. Inside our homes we have raised the temperature to 70°, or perhaps higher. Heated to 70°, air will hold eight grains a cubic foot. The capacity of the air for taking up moisture is increased sixteen times from zero, or four times from the freezing point to room temperature. Is sufficient moisture supplied to satisfy this increased thirstiness of the heated air? It is not.

What happens then? The dry, overheated air takes up all the moisture it can find. Takes it from room walls . . . from the wood floors . . . from the furniture . . . from any flowers in the house . . . and from our bodies.

The results? Walls and woodwork dry out and often crack . . . floors shrink and squeak . . . pianos get out of tune . . . flowers wilt and die . . . our complexions lose their freshness and dispositions suffer . . . our resistance to disease lessens . . . the excessive evaporation of moisture from our bodies makes us feel chilly and uncomfortable even if the temperature is as high as 75°.

But this isn’t all. Physicians and physicists have for some time been impressed with the evils of dry, overheated air as supplied in homes in winter. To this condition of the air they have definitely traced the common winter cold, which so often leads to bronchitis, grippe, influenza, pneumonia and other serious illnesses. You yourself know how quickly you suffer from the heated stuffiness of an under-humidified room. Your nose becomes dry; your throat parched. You feel sluggish, depressed, irritated.

In connection with respiratory diseases it is significant that the number of cases takes a decided jump during the winter months when artificial heat is on, and reaches a peak during February, as shown by the chart on the next page.

This lack of humidity in the air supplied by ordinary heating systems was one reason—and the main reason—for seeking a way to put into the air a sufficient amount of moisture for the greatest bodily comfort and health indoors in winter. Thousands of careful scientific observations made at the Research Laboratory of the American Society of Heating and Ventilating Engineers show that comfort and health depend upon maintaining a relative humidity of from 35% to 40%, and that the normal person feels warmer and more comfortable at a temperature of 68° with a relative humidity of 40% than at any higher temperature such as 75° and a relative humidity of 20%. It is this proper relationship between temperature and humidity that should be kept.
constant in the home all winter long. Two other facts led to the study and research that resulted in a combined heating and air conditioning system to supply manufactured weather for homes. The first was the presence of dust and dirt in the air of the average home. Air is the carrier of dust and dirt, and dust is the carrier of bacteria that may bring disease and sickness to your family. Where does dust come from? Everywhere. Not the least of the many sources is the usual heating system. Some way to purify the air would contribute to the family health and relieve the housewife of constant and tiresome cleaning.

The second and final consideration in conditioning air has to do with its distribution. The gravity system of circulation which depends on the natural rise of heated air to distribute warmed air through the house usually results in overheated corners and underheated rooms. The question naturally arose as to whether some other method of distribution would not be more efficient . . . more uniform . . . more certain.

Here then you have the problems that confronted engineers . . . problems that have been long thought about by many. Among all those who sought a means of conditioning the air and manufacturing weather in homes was the one man best fitted by his knowledge of air conditioning and by his practical experiences with it. This man was Willis H. Carrier, internationally known thermal engineer and specialist on air conditioning. Mr. Carrier had devoted his entire career to the problem of manufacturing indoor weather. He established and formulated the laws relative to atmospheric moisture and its control. As head and leading engineer of the Carrier Engineering Corporation, he perfected systems for controlling indoor atmospheric conditions . . . for conditioning air and creating the required climatic conditions in scores of industries for the processing of materials, the improvement of manufacturing operations, and the health, comfort and efficiency of employees. In the textile, printing, weaving, candy-making, ceramic, and many other industries, the controlling of indoor weather . . . of temperature and humidity . . . has proved revolutionary. Most of the mechanical equipment used in such conditioning of the air was designed and developed by Mr. Carrier or under his supervision.

All of this has been far from the public consciousness. But public contact with Carrier Systems of Air Conditioning has been made in moving picture theatres, department stores and other public meeting places where close packed humanity made air conditioning a vital necessity for the comfort and health of everyone present.

What has happened in regard to the home? You have probably guessed already. It was Willis H. Carrier and his associates who took hold of the home air conditioning problem . . . applied the principles proved in industrial use for air conditioning . . . and produced the Carrier Weathermaker especially for home use. The Weathermaker does indoors in winter what Nature has been doing outdoors since time began. It creates weather. But it also controls weather so as to assure every day in winter all the delights and comforts of the most ideal June weather outdoors. The Weathermaker places just one step between cold, raw, blustery January and the soft, warm, balmy, gently-invigorating air of a perfect spring day. And that step is the one you take every day in crossing your own threshold and entering your house.

How does this new type heating and air conditioning system operate? It does four things, whereas the usual heating system functions in only one particular—supplying heat. In the first place, the Weathermaker softly warms the air without overheating the house. A thermostatic control automatically varies the admission of the fuel, which is gas, to supply the exact amount of heat necessary to meet the needs of the house at all times.

Incidentally, gas was chosen as the fuel for this modern system because it is the fuel that reaches the house with least trouble to the user and is the cleanest, most convenient and most efficient fuel. You have a constantly available supply from the gas company and you eliminate the trouble, bother, work and dirt of handling coal and ashes.

Second, the Weathermaker supplies and maintains automatically a correct relative humidity day in and day out. It evaporates a sufficient quantity of water to assure the proper humidity indoors in relation to the desired temperature. When you consider that a "sufficient quantity of water" may mean an amount varying from 7 to 20 gallons a day, you can understand why pans of water and tanks used with the usual furnace are inadequate. And finally it controls humidity so that it contributes to our maximum comfort and health indoors in winter.

The Weathermaker uses only 65,000 British thermal units available supply from the gas furnace are inadequate. And finally it controls humidity so that it contributes to our maximum comfort and health indoors in winter.
The units shown darken warm the air, which is then supplied with the proper amount of moisture.

The humidifying system in the Weathermaker supplies and controls indoor humidity all winter long.

The filters that clean the air of dust and dirt as efficiently as a vacuum-cleaner removes dirt from your rugs.

The blower system that insures constant, uniform circulation of warmed, humidified, cleaned air throughout the house.

Third, this new system cleans the air in the house... removes dust and dirt. It distributes only clean air, that keeps walls and ceilings clean... protects draperies and other house furnishings, besides being healthful and free from bacteria.

And finally, the Weathermaker sends an even, constant flow of warmed, humidified and cleaned air into every room of the house. It does not depend on the natural rise of warmed air to give perfect circulation. But it distributes the warmed, humidified, cleaned air under positive, uniform pressure, securing even temperature in all parts of every room... without drafts... without hot or cold zones.

To summarize, it takes the elements that make outdoor weather—warmth, moisture and air motion—combines them scientifically, and controls their relationship to produce weather indoors. It cleans the conditioned air and thus produces an atmosphere ideal in every respect for bodily comfort and health.

The Weathermaker is a simply constructed system, automatic in operation, attractive in appearance and compact in size. Where this system has been in use home owners say they can rely on it to function constantly, automatically and to respond instantly to their comfort needs.

The advantages and convenience of the Weathermaker’s automatic control are particularly noticeable in spring and fall when warm days follow chilly nights and mornings. By operating for a little while in the morning this system quickly provides a sufficiently comfortable atmosphere to last through the entire day. When the desired comfort point is reached, the gas shuts off automatically.

Here is a clean, orderly cellar, with a Carrier Weathermaker installed. The only resemblance to the usual warm-air plant is in the ducts. But they can easily be hidden from view by running a second ceiling just below the ducts.

This system is built to give long service. The design is scientifically correct. The workmanship is the same that goes into the Carrier industrial systems for conditioning air, which have been installed in more than 3000 theatres, public buildings and factories. The metal used in the Weathermaker is durable, non-corrosive, and resistant to the products of gas combustion. Every part of the system is as perfect as human skill and modern machinery can make it.

Every Carrier Weathermaker is designed to take a dehumidifying and cooling unit which will remove the mugginess and excessive humidity from uncomfortable summer...
mer weather and make the atmosphere as comfortable indoors as it is uncomfortable outdoors. This addition will be ready soon and will then provide year-round comfort for the home.

The Weathermaker comes in sizes to meet the needs of different sized houses. It takes up less room than the average furnace of equivalent heating capacity. The saving in space in the cellar with elimination of fuel bins and accessories of the usual heating plant is like adding another room to the house that can be finished off for a children's playroom... a workroom... a study... or a billiard room.

Those who are building now, or intend to build in the near future, belong to the fortunate group which has an advantage in ease and economy of installation of the Weathermaker. Home owners who now have warm air systems will find that their present warm air ducts can generally be used with this weathermaking system. But where there now is steam or hot water, piping and radiators will have to be removed and ducts installed to carry the warmed, humidified and cleaned air throughout the house.

The initial cost of a Weathermaker is little if any higher (and is sometimes lower) than that of high grade heating systems that supply heat... and have none of the other advantages of the Weathermaker. The cost of gas used in the new system will usually be more than the cost of fuels considered less modern and convenient.

But consider that most of the modern equipment in the home costs more than the old. The modern motor car is more expensive than the horse and buggy of days gone by. Modern lighting costs more than candles or kerosene lamps. Yet there does not seem to be any indication that people today are thinking about returning to the days of the horse and buggy... or the oil lamp. Those "good old days" are gone forever.

So, too, when the many advantages of the Weathermaker are considered... its proved superiority over other systems... this question insists on popping up: "What can the home owner get for so little money today that will bring to him and to his family as great a return in comfort and health as a Weathermaker?"

The manufacturer— not content with producing the Weathermaker and placing it on the market for the public to buy—offers a further service. This very complete service makes available to every home builder who desires to install a Weathermaker the help of highly trained representatives in estimating heating requirements, the placing of ducts, outlets and grilles, and complete supervision of the installation of the system. These representatives will work with the prospective home owner, the architect and the heating engineer or contractor. The important point is to take advantage of this free Carrier Service in the early stages of house planning—not after plans have almost been completed or construction started. By calling on such help the home owner is assured of a correctly designed system installed so as to give maximum economy and efficiency. The Weathermaker is made by Carrier-Lyle Corporation, Newark, New Jersey.

If you are building a home—or... expect to build soon—or... ever hope to build...

Read this booklet

This story about the Weathermaker explains what is wrong with the air in our homes... tells how to provide conditioned air in the home all winter.

It describes the way to manufacture made-to-order weather—soft and balmy as any created by Nature... It shows how the air can be properly humidified... cleaned... and purified. It is all about a new type heating system hailed as the most constructive advance during the last 50 years in home heating and in making homes comfortable and healthful.

Read about the Carrier Weathermaker—the coupon brings your copy FREE.
THE BATHROOM receives the enlivening touch of Modern Color

On a wave of deserved popularity and leadership, the new Church colored toilet seats and bathroom stools have swept into those interesting homes, from Cape Cod to San Francisco Bay, that are bringing color into every room in the house.

Like the famous Church Sani-White Seats, these new colored seats fit any make of bowl and can be installed in ten minutes. They are available in nine pastel shades and the nine richly lustrous sea-pearl tints illustrated here. They bring quiet beauty and decorative charm to a room that has suffered too long from monotonous lack of color. This wide range of smart colors permits you to carry out just the right scheme for a particular bathroom.

Church toilet seats, as well as the colored bathroom chairs and bathroom stools, are covered with a solid ever-durable material. This solid material should in no way be confused with paint, lacquer or enamel. It will never crack, chip or lose its original color.

Enrich the color scheme of your bathroom by the installation of Church colored seats and bathroom stools or chairs. You will find shades and tints to please you exactly. They are illustrated in a Color Folio, which will aid you in your choice. We should be glad to send you a copy. Fill out the coupon and this interesting aid will come to you by return mail. C. F. Church Mfg. Co., Holyoke, Mass.

Church Seats
LOOK FOR THIS NAME ON UNDERSIDE OF SEAT
"Toilet Seats for Better Bathrooms"
Sold by all plumbing stores since 1898

C. F. CHURCH MANUFACTURING CO.

Gentlemen:
Please send me the Color Folio containing the range of tints and shades in which Church toilet seats and bathroom stools are provided.

Name:

Address:

City:

State:
For centuries the Vikings fared forth from their homes... sailing uncharted seas... discovering new lands... conquering powerful peoples. There were none so strong, so hardy or so brave as these fearless pioneers.

Nearly five hundred years before Columbus was born, the Vikings had pushed on to the shores of America. They spread their civilization throughout what is now Central Europe. They penetrated more than half of Russia. They forged their way through Spain and along the Mediterranean.

They invaded Britain and settled there. The historian, Du Chaillu, attributes the long-continued dominance of the English as a seafaring and colonizing people to traits of character inherited from their Viking ancestors.

From birth, Viking youths were deliberately exposed to the rigors of the severe Northland climate. They were subjected to hardships to test their fitness for leadership. Those who showed signs of weakness were left to perish. Only the strongest survived to contribute to the strength and superiority of the race.

Physical development came foremost in training of the Viking youth through athletic contests and games. He was taught to be unflinching in the face of danger. Thus, only the strongest survived to contribute to the strength and superiority of the race.

But his training did not end there. Cultivation of the arts and sciences also formed an important part of his education.

The Vikings were people of high character. Their civilization was advanced far beyond their time. Their history reveals remarkable accomplishments in literature, art, ethics, navigation, and in the fashioning of tools, weapons, pottery, clothing and household utensils. We owe much of our present civilization to this fearless, energetic and intel-
The new Viking is built to meet a definite demand by the public for an eight-cylinder car of General Motors quality, in the medium-price field.

For three years, while this demand has been growing, Oldsmobile and General Motors engineers have been proving and checking the capabilities of all types of eight-cylinder car design. They investigated every type of automobile engine, past and present — developed other engines — and subjected them all to the same rigid tests. By constant testing and re-testing, checking and re-checking, they eliminated engine after engine, until one stood out above all the others. This has been selected for the Viking.

The Viking has a 90-degree V-type eight-cylinder engine, embodying new principles of design based on well-established, time-proven fundamentals. This engine is simple and accessible. It delivers 81 horsepower, with exceptional smoothness throughout its entire speed range. Its response to the throttle is remarkable. And it introduces desirable new qualities never before found in any car, regardless of price.

In addition to excellence of performance, the Viking presents new beauty and tailored smartness — the latest creations of Fisher artist-engineers. It sets new standards of interior luxury and comfort among cars of medium price. It has a wheelbase of 125 inches. And its specially designed springs, controlled by four Lovejoy hydraulic shock absorbers, assure unsurpassed roadability and restful riding ease.

The new Viking 90-degree V-type eight is now on display by Oldsmobile-Viking dealers in the larger cities. You are cordially invited to inspect this illustrious new member of the General Motors family — to take it for a trial drive — and to judge it by your highest standards of appearance, performance, and value.

OLDS MOTOR WORKS, LANSING, MICHIGAN

All Viking models — Four-door Sedan, Convertible Coupe, Close-coupled Four-door Sedan — are priced at $1595, f.o.b. factory, Lansing, Michigan. Spare tire and bumpers extra. De Luxe equipment — consisting of six wire wheels, two spare wheels and tires locked in fender-wells, trunk rack, and bumpers — $150 additional.

NOW ON DISPLAY BY OLDSMOBILE DEALERS IN PRINCIPAL CITIES

$1595
How much does a modern bathroom cost?

WELL, suit yourself. How much does a house cost? Or an automobile? Or an evening gown?

Are you using marble—or plaster; tile—or linoleum? It all depends. But there is one very important fact—and a cheering one—to bear in mind in all your planning and counter-planning. This—

Though Kohler fixtures in color—the finest, loveliest, most desirable fixtures made—do cost somewhat more than white, they add very little indeed to the cost of the finished bathroom.

You will see why this is so. Color does not make the metal fittings more expensive. It does not affect the cost of floor, walls, accessories, or labor. The expense of color is a minor item—you will almost overlook it on the bill. But you will never overlook the gift of beauty that it will bring to your home.

For Kohler Colorware is beautiful. The colors are delicately lovely—satisfying colors to live with—soft tints of ivory, brown, blue, lavender, green and gray. There is a jet black, spectacular in combination with Kohler fittings in gold. All these in addition to Kohler white, unequalled in its snowy purity.

THERE is beauty of design, too—of line and form. And an intrinsic quality that every Kohler fixture possesses. No common ware, this. Kohler fixtures are made by master artisans whose home town of Kohler, one of America's most beautiful town-planned communities, is a symbol of the kind of work they do.

And Kohler Ware offers economy. When you find the Kohler name faintly fused in the enamel of a tub or lavatory—ask your plumber to show you this mark—you may know that you are looking at highest value as well as highest quality. It pays to insist on Kohler fixtures—and on Kohler metal fittings too.

If there is a Kohler display room near you, visit it and see for yourself how beautiful this new ware is. Speak to your plumber about it. And, for glimpses of charming bathrooms, kitchens, and laundries in all the Kohler colors, mail the coupon below.

Kohler Co., Founded 1873, Kohler, Wis. Shipping Point, Sheboygan, Wis. Branches in Principal Cities

NEW 72-PAGE BOOK FREE
Please mail this coupon to Kohler Co., Kohler, Wis., for A helpful book for the home-builder. Illustrated in color. Shows bathrooms, kitchens, laundries, color schemes, floor plans, prices.

Name ____________________________

Street ____________________________

City ___________ State ___________

© 1929, Kohler Co.
This attractive bathroom has floor, wainscot, window trim and radiator top of marble.

Charm . . . and Utility

To attain an atmosphere of distinction and good taste in the home, and to make easy almost perfect maintenance, there is no more satisfactory and certain means than a judicious use of marble.

A touch of marble in lamp base, mantelpiece, radiator, or table top . . . or a more extensive treatment in floors for hallway, sun parlor or bath . . . or perhaps a wainscot for bathroom and kitchen . . . will serve to introduce into the home the inimitable veinings and colorings characteristic of this beautiful material.

And marble is as pleasing in its moderate price as it is in its appearance and low cost of upkeep.

There is No Substitute for Marble

We have recently published a series of books giving valuable facts and interesting suggestions about the use of marble in various buildings, including home and garden treatments.

Write us, naming the type of marble work you are interested in and a copy of the book covering that subject will be sent you immediately—with charge, of course. Address Department 6-P.

National Association of Marble Dealers

Rockefeller Building - Cleveland - Ohio
Mellow, fast colors and shadow lines that architects demand... plus resistance to fire and weather

If DURABILITY, fire-proof qualities, and low cost had been the only considerations, a vast number of expensive homes would have been roofed with asbestos shingles years ago. But a roof must accent the beauty of the entire residence. Because no asbestos shingle could offer rich permanent colors, or shadow lines, homes of architectural merit rejected them, and continued to use wood and slate... until Eternits came!

Eternit Asbestos Shingles do have rich, mellow colors—lustrous weavings that hold their beauty under sun and blowing weather. Eternits, too, have shadow lines, especially in the Horizontal shingle, which is an original Eternit design. With its beauty, and the shadows, a roof of Eternits will increase the charm of any residence—whether mansion or suburban cottage.

The colors are widely varied. Emerald Green, fresh and verdant, yet not vivid... Colonial Gray, quiet, soft as a gray folded dress is soft... Indian Red, brilliant, intense... Quarry Blue, a natural slate color. And these shingles will remain rich and beautiful. Positively they will not bloom or fade out because a special color treatment has been used in their manufacture.

And in addition to these colors there is Autumn Bronze, russet as a late autumn leaf... and Heatherblends, an exquisite grouping of five harmonious shades. They bear the hand of time gently... mellowing under the breath of the wind, taking on a richer texture with the passing years.

Viewed either from the standpoint of beauty or wearing qualities, a roof of Eternit Asbestos Shingles is a sound investment.

The original cost is low. And the fact that you will never need another roof makes the first cost a matter of even less importance. Eternit Asbestos Shingles will not rot, nor chip, nor break off in cold weather. Insulating properties are excellent. And the roof is absolutely fire-proof; it resists sparks, flying embers, flame.

Perhaps you are planning to build. Or your present home may be ready for a new roof. In either event, let your architect, builder, or the Eternit dealer tell you about Eternit Asbestos Shingles—today. Eternit, Inc., 9215 Riverview Drive, St. Louis. Offices and warehouses at Philadelphia, New Orleans, Houston, and Jacksonville. Also makers of Eternit Big-Seven Corrugated Asbestos Sheets, and Eternit Asbestos Flat Sheets.

FOR THE PROTECTION OF THE OWNER, EVERY ETERNIT SHINGLE IS TRADE-MARKED; EVERY ETERNIT ROOF IS REGISTERED...
The city nobody knows

The total population of this dread city is unknown, but statistics indicate that the value of food consumed in Mothtown is more than 200 million dollars. This is said to equal the annual food bill of the city of Detroit.

Mothtown is a city migratory in character. Its countless millions of insect-inhabitants are parasites, as mannerless as the low-bred house fly, depending for food upon unprotected articles of wool, silk, fur and feathers belonging to American families.

Feeding: The Moth Miller's mother instinct leads her to lay 50 to 100 eggs in folds of costly apparel of men, women and children where her young (Moth Worms) will have food at birth.

Almost invisible, the ravenous Moth Worms, having eaten themselves to maturity in a few days, emerge from their cocoons to multiply the population of one community of Mothtown fifty fold and increase their depredations in proportion.

Modern Science, searching for ways and means of reducing daily damage wrought by the pillaging population of The City Nobody Knows, turns to historic cedar, the Moth's Natural Enemy, Juniperus Virginiana, commercially known as "Tennessee" aromatic red cedar. This famous wood, so pleasant to humans, gives off a pungent aroma suffocating to the Moth Worm. Only the red heart-wood contains the wonderful oil-of-cedar which depopulates Mothtown.

PROTECT YOUR HOME against the marauding moth

This Way: Line all closets with Supercedar or build a Supercedar storage closet in attic, or both. Plans and specifications, together with manual which makes installation simple and easy for any carpenter may be secured from lumber dealer or George C. Brown & Co., Memphis. More than 18,000 families added this protection in 1928. The first cost is nominal. No upkeep expense. Adds beauty, convenience and value to home or apartment.

The moth's natural enemy

The aroma of "Tennessee" aromatic red cedar is stifling to the moth and the moth worm. Supercedar is guaranteed 90 per cent or more red heart-wood, the part that contains the natural oil-of-cedar. Furthermore it is scientifically cured to retain 100 per cent oil content. It is accurately manufactured and then sealed at Mill in trade-marked boxes for your protection. Sold by lumber dealers everywhere.

Please write for "The Romance of Tennessee Red Cedar," a colorful history of this wonderful wood. Address: George C. Brown & Co., world's largest manufacturers of Tennessee aromatic red cedar lumber, Memphis, Tenn.

Brown's SUPERCEDAR CLOSET LINING
Do you know how to work with a decorator?

One of the major functions of The Decorators' Club, Inc. is to aid in establishing and maintaining the best possible relations between decorators and clients and clients and decorators. Satisfactory relations are always based upon mutual understanding.

If you are in doubt as to the way to work with a recognized professional decorator, The Decorators' Club would be happy to have you write for detailed information directly to the Secretary. There is absolutely no obligation. The service is purely informative in order to extend understanding of the way in which the best decorators have agreed—for mutual protection to client, trade and themselves—to work.

Address—The Secretary, The Decorators' Club, Inc., 551 Fifth Avenue, New York City.

Among many other well-known decorators—members of this organization—are those whose names appear in the accompanying lists.
AN event of great importance in the antique field was held recently in New York City. The First International Antiques Exposition brought together under one roof the most imposing collection of the rare, the beautiful and the curious that has ever been shown outside of a museum. Collectors and shops, both large and small, from all parts of the country, as well as from abroad, contributed booths filled with rarities. While 18th Century English furniture is in demand at the present time, a continued interest in Early American furniture and accessories is attested to by the predominance of this type of furniture at the exhibit.

AMERICAN exhibits ranged from the oak chests and chairs of the Pilgrims, the china, glass, fabrics, rugs, quilts and precious metals of Early America to the elegance of 19th Century mahogany furniture. Staffordshire dogs and other figures, Chippendale desks, old pewter and silver, mantels, a Georgian crystal chandelier from

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Welbeck Abbey, the seat of the Dukes of Portland, the peacock standing lamp of colored crystal reputed to have been a gift from Napoleon to Josephine, were on view as well as much beautiful French furniture, Aubusson rugs, trumeaux, porcelain, wall papers, and crude Swiss painted chests and chairs. In the decorator's division completely furnished rooms portrayed the livability of antiques when properly grouped before a correct background.

There is now current at the American Designers Gallery an exhibit of contemporary furniture, fabrics and accessories, presented in completely furnished rooms, each contributed by a well-known designer. The purpose of this exhibit is to show modern furniture available at prices the average person can pay, rather than furniture which depends for its effectiveness on a specially constructed architectural background. It has been recognized that in

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the last analysis it is the adaptability of design to modern manufacturing conditions and present-day markets that will determine the vitality of the designers’ efforts. All the pieces shown have been designed to accommodate themselves to the average surroundings. With few exceptions, the articles exhibited have been designed with a view to large-scale reproductions and were made under the conditions prevailing today in machine industry.

A LIVING room by Winold Reiss has as its color scheme green and gray. The sofa, arm and side chairs are upholstered in a green and gray rayon fabric. The large table, smoking table and combination desk and bookcase are of harewood, which is gray in color. Covering the ceiling and walls is a processed waterproof fabric with a gray background, patterned in a geometric design, painted by airbrush in deeper tones of gray. The floor is covered

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with a soft green carpet and the simple hangings and valance are of a printed cotton designed by Henrietta Reiss in a green swirl pattern. These hang over soft green voile glass curtains with a chirping bird patterned in chiffon.

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THE dining alcove designed by Wolfgang Hoffman is extremely practical for a small apartment. Its furnishings are limited to actual essentials. The table has specially built cubbyholes for linen, ash trays, bowls filled with artificial or fresh fruit, or anything one cared to put out of the way. A built-in wall bench is upholstered with the same tan and brown fabric in a cloud design that covers the seats of the chairs. Hand-embroidered voile casement curtains and handkerchief linen overcurtains in tan and brown are a pleasing departure from conventional window treatments.

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by Helen Richmond

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THE dining room contributed by Ilonka Karasz is simple and unusually effective. The table is designed to fold up and put away, leaving the room free to assume the aspect of a living room. Narrow proportions of sideboard and serving table carry out this idea. The wall paper is striped horizontally, the lighter colors darkening as they come down from the ceiling. They shade from pale beige through lemon yellow and pale coral to mauve and dark brown. At the windows are fine printed cotton draperies that carry out these same colors in vertical lines.

PAUL T. FRANKL has designed a sun room with a gay background, the walls and ceiling being papered with a large green and bright blue flower design. A novel built-in plant stand makes an attractive window arrangement. Chief among the furniture is a large stick willow sofa with red leather seats and bookshelf compartments at each end. A small occasional table has a colorful painted top and a specially constructed lighting arrangement.

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A N arrangement for a dining alcove or a porch is suggested by Henry Varnum Poor. The walls of the alcove are paneled in tulip wood, using the unit of a sawn board in the simplest way. All the elementary construction is exposed and turned to decorative account. The table, of sawn tulip wood, is built for outdoor use, being made entirely without glue, with an allowance for expansion and contraction. The radiator cover is of glazed, pierced tiles ornamented with a lily motif. Two tile wall plaques for flowers match the pottery luncheon set in design. This entire ensemble was executed by Mr. Poor.

DONALD DESKEY contributes a living room papered in a cream, tan and brown block pattern with the sofa, side chairs and a low stool upholstered in honey-colored rayon satin. Brass and aluminum are used as the bases for all these pieces, marking a transition state to the age of all metal which Mr. Deskey predicts for mass production of the future.

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78 acres mostly woodland
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The Pick o' the Pines
Kem Weber, for Barker Brothers, decorates a room in the modern manner around Fenestra Steel Casements

Fenestra Steel Casements, with printed linen curtains and hand-blocked upholsteries, have been made the focal points in this brilliant, modern-style living room by Kem Weber, famous Los Angeles artist-designer.

In satisfying the sense of form, the numerous small, casement panes develop the angular motif. They divide the wall-opening into small quadrilaterals, giving it texture. They add an intriguing, many-cornered pattern to the outdoor scene. Even the sunlight is broken into rectangles, diamonds, squares.

In satisfying the sense of color, the slender bars are silhouetted against the sky, contrasting with the wealth of enticing hue in curtains and upholsteries.

But modernity requires that materials be useful as well as beautiful. Fenestra's slender frames and muntins admit maximum daylight. Swing leaves reach out to welcome fair weather, but close tight against storms - always at a finger touch, because steel does not warp or stick. Extension hinges permit easy outside cleaning from within.

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with 32 colors entrancing as Fashion herself

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Pennsylvania Blue-Grey slate is natural rock, so compact, so fine grained as to be practically non-porous. Even when completely immersed in water for forty-eight hours it absorbs less than one-half of one per cent of moisture.

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Pennsylvania Blue-Grey slate is natural rock—hand blocked —hand split —hand dressed into slate shingles. Just as no two leaves from the same tree are exact duplicates, so every slate in a Pennsylvania Slate roof has its own individuality.

These are the practical reasons for roofing your home with Pennsylvania Blue-Grey slate. There is another reason, an artistic reason. Slate is the one roofing that carries the age-old charm of hand craftsmanship. Roofing slate is natural rock—

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Pennsylvania roofing slate runs to the strong, cool blue-grey colors which blend perfectly with the natural background of lawn, trees and sky. The blue-grey tones also form the correct contrast for materials like brick and field-stone which are rich in the warm colors of the spectrum, and give the needed strength of tone to bring out the beauty of limestone, stucco and white or buff paint.

Write for booklet, "What you need to know about Slate."

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There is a natural affinity between Slate and Brick. The cool strong tone of the Pennsylvania Slate roof contrasts delightfully with the warm rich colors of the brick and each brings out the beauty of the other.
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Masonite Insulating Lath saves redecorating expense by preventing cracks and lath marks. It strengthens the walls and insures smooth plaster surfaces. It holds plaster with a tenacious grip that will not break under a pull of 1000 pounds per square foot. And it gives the added advantage of sound deadening.

Masonite’s structural advantages are due to its being made entirely of wood fibres, thoroughly laced and interlaced—its insulating ability to the fact that millions of dead air cells are imprisoned in it—its economy to the low first cost, fuel savings and the greater loan and resale value of Masonite-insulated homes.

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LITTLE DOGS OF ROYALTY
By ROBERT S. LEMMON

In the canine world the position of the Spaniels is somewhat akin to that of Adam and Hepplewhite designs in the field of furniture; they are ancient in origin and have held man's esteem through the generations by sheer beauty and all-around merit. It has not been given to many dog types to remain in favor for centuries, as these little fellows have done, so when such a case is found there is reason for inquiring into it with more than ordinary interest.

On various occasions in these pages I have spoken of the better known types of Spaniels, especially the Cockers and Springers. From them it is but a logical step to their much smaller cousins which for reasons which will presently be set forth are known as the King Charles.

The King Charles Spaniel (to use a sort of generic term which is sometimes subdivided into the King Charles, Ruby, Prince Charles and Blenheim) dates back at least to England of the 16th Century. As Mrs. Raymond-Mallock says of him: 'His first appearance in history is at the death of Mary Queen of Scots, where it is related that a small black and white Spaniel belonging to the unfortunate Queen was found huddled away in the fields of her gowan after her execution. Since the time of 'Ye Merry Monarch,' after whom they were christened, they have been closely associated with Royalty and the favourite of many a crowned head. It was,

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Black & Tan Puppies
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The Boston Terrier is the nearest partner of the child.
however, in the reign of James II that they reached the zenith of their popularity. The King himself was quite daft about his little pets, and was seldom seen without a small pack of these pampered toys. They pervaded the Royal Apartments, Banquet Hall, and Council Chamber, and became so fashionable that no cortège was considered fully equipped without one or more of these soft-coated little creatures to add to the air of dainty elegance so characteristic of these days. On the fall of the Stuarts, large numbers of these beloved little companions followed their masters into exile, and their presence was no longer tolerated at Court. Some of the more powerful houses, however, kept up the breed at their country seats, and they eventually recovered their Court favor and have kept it ever since. Queen Victoria was very fond of them, and the little King Charles ‘Dash’ was one of her greatest pets and the constant plaything of the Royal babies at Windsor. He is to be seen in the arms of the young Prince of Wales in a famous portrait of the Queen and her children ... An interesting old record ... advertised the loss of a Toy Spaniel nearly 200 years ago: ‘Whereas a little black and white spaniel bitch of the King Charles breed, about six months old (the white on her neck has been lately burned) broke loose out of Mr. Nash’s shop in Bishopsgate Street on Thursday last about eight o’clock in the morning, with a piece of red worsted garter about her neck. Whoever has taken up the bitch and will bring her to Sign of The St. Martin in York Buildings, shall have 5s. reward for their pains. ’32

There is a background for you! A dog with such a history deserves perpetuation, especially when he is as winsome, intelligent and physically beautiful as this smallest member of the Spaniel race. He is a toy breed in the best sense of the term and a very good one indeed.

(Continued on page 70)
LITTLE DOGS OF ROYALTY

(Continued from page 69)

For many years there have been doubt and controversy over the correct names for the various strains of King Charles to which reference was made in the third paragraph of this short sketch. After all has been said and done, the plan adopted in England in 1923 seems the most logical and clearly defined. It provides that all varieties of the breed shall be known as King Charles Spaniels, subdivided into Blenheim, Black and Tan, Tricolor and Ruby King Charles. Of these, the Blenheim (a red-and-white dog) was so named after the Battle of Blenheim, the story being that one of these little dogs was with the Duke of Marlborough during that historic fight and that subsequently the Duchess adopted it as her favorite breed. The Ruby King Charles is an all-red dog, while Tricolor and Black and Tan speak for themselves as color descriptions.

Whatever his color and specific name, the Prince Charles is a thoroughly worthy representative of a famous race. The old hunting abilities of the Spaniels have been lost in him, of course, but he has other qualities to make up for it. The toy breeds will always have their staunch devotees, and justifiably — particular so as long as the lovable, silky, long-coated little King Charles Spaniels retain their time-honored characteristics of temperment, size and inherent good looks.

Wires, Airedales and Schnauzers

Shipped on Approval

Champion stock of these splendid terriers. Pedigreed pups and grown dogs.

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Phone 425 M. Westfield
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For $10.00

Best Shorthorn Westhound, 1925. 14 months old, sired by Trover
Pure white papillon of character
NORA KENNELS
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CAN YOU SPARE A MOMENT for a GOOD FRIEND?

We refer to your dog. Study his diet. Of course dogs and puppies get into bad habits — eating soft gulpabic food that leads ultimately to stomach and intestinal disorders.

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For All Breeds of Dogs

Write for Illustrated Pamphlet

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A Comfortable Country Home
For Your Dog

Spring is the time to have your dog put to the country. We have the best facilities for kennels, stables, run and shelter for Summer. We can arrange for kennel and breeding, warming, etc.

This is one of the finest and most up-to-date thewishing kennels in the East. Breed your dog at a comfortable country home, while on your rotation.

High grade teachers and teachers of fame

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$26.50 assures their protection

Only $26.50 for a complete kennel yard, as attractive as it is durable. A portable fencing, too—one you can set up quickly and move about without a problem. Only $26.50 for a complete kennel yard, as attractive as it is durable.

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BRUSH YOUR DOG TO MAKE IT CLEAN AND HEALTHY

Every owner of a fine dog admires the glossy coat that redounds to the health of the pet. Brushing every day with Waren Dog Brushes keeps dog clean and in prime condition.

After using your brushes for months, you have never found a brush to do the work of yours. So write for your dog's needs. Says the Farmert Kennel's.

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House & Garden does not sell dogs. But will suggest reliable kennels where purchases may be made

Always for his Redi-Ration

Feed this mixture from your dog's regular bowl which has been pre-arranged. This perfectly balanced mixture is designed so that every ounce of feed is ready for the dog to eat, providing him with the proper food from the start. COOKED-ready to feed. Feeds his taste at once.

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Rusticraft English Hurdle Fence provides that note of quality—that feeling of genuineness—which lifts an estate out of the commonplace into a more distinctive atmosphere. English landowners, for hundreds of years, have been using hurdle fence because of its charming rustic appearance and reputation for longevity.

Rusticraft English Hurdle Fence is the most practical, all-purpose fencing that has been devised. Made of sound, young, hand-split, chestnut timber. Shipped in 8-foot sections ready to erect. Posts treated with Protecol.

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Also maker of the Rusticraft Post and Rail Fence
It is not uncommon to have purchasers frankly express surprise that Valentine-Seaver Furniture is so moderate in cost. Personal appraisal of the designs, materials and craftsmanship, together with the reputation of the maker, had led them to expect much higher prices. As a matter of fact, this exquisite furniture is quite easily within the means of the average family.

We illustrate two attractive Valentine-Seaver pieces. A sofa of very smart, long lines, finished in a rich piece of damask in which green and gold predominate.

In addition to down-filled cushions, this sofa has the "Valuxsea" type of down-filled back and arms. This is a Valentine-Seaver invention which, while providing the buoyant comfort of down, also insures permanent beauty of line, free from sagging.

The modishly tailored English chair, with loose, tufted back and down-filled cushion, is covered with a most fascinating bit of fine damask in deep orange, with an all-over figured pattern. Linen frieze of the same orange tone is used on the arms and outside.

Valentine-Seaver Living Room Furniture is featured by the better stores and furniture departments. If you do not know where to see it in your vicinity, please write us for directions.
HERE is a charming friendliness and engaging distinction about the home planned and built with an eye to what is in superb taste and of permanent value. How graciously it contributes to one's pleasure of living! In creating interiors with these accomplishments, real tiles are increasingly relied upon as ideal material for walls and floors. Today real tiles—Mosaic Tiles—are specified by people who esteem the fine and lasting. Color harmonies... wondrously delightful... satisfying because so authentic... in the modern vogue or in any effects you please... certainly the possibilities are almost infinite through the multitude of tints, designs, shapes, and kinds of Mosaic Tiles. And their beauty endures through the generations, untouched by time or wear! Not least is the economy of Mosaic Tiles... freedom from upkeep... and the moderate cost of building them in. We will gladly assist you with plans and ideas.

Write for your free copy of the valuable booklet, "Mosaic Tiles in Color." You will welcome its helpful suggestions if you intend to build or remodel.
Ever try to relight a Cigar through the Ash?

...or to heat a house with a boiler muffled in Soot?

CLEAN OUT says the legend on the boiler door. Good advice—if you want economical heating. As soon as your fire is out, give your boiler a spring cleaning.

Flaky soot in the boiler passages forms an insulating blanket, often responsible for more than a 25 percent loss in efficiency of the Fire Surface. Clean it out for the same reason you knock the ash off a cigar before relighting. Give the Fire Surface a chance.

But more important still, be sure your boiler has enough Fire Surface. If the cigar is cracked above the ash, you will not be very successful in relighting it even with the ash knocked off.

Even with the soot cleaned out, a boiler with too little Fire Surface is the most wasteful thing you own. It loses up the chimney a large percent of the heat generated. It often lets your house go cold and uncomfortable. It lets your fuel bills climb sky-high.

The only remedy is to replace it with a new boiler. One that has enough Fire Surface to absorb all the heat your house needs and pass it on economically to every room of your house.

Then your home will be always warm and comfortable, and every year you will make a saving in your cost of heating—a saving that in a few years will pay the cost of the new boiler.

If you have a "sick" boiler in your house, or if you are going to build and want to avoid installing one, send for free copies of our two books, "Guaranteed Heating Satisfaction at Minimum Cost," and, "Does it Pay To Install an Oil Burner?"

They make a definite contribution to the subject of heating comfort, and to the subject of heating costs and how to reduce them. They tell you why an H. B. Smith Boiler properly installed will give you economically all the heat you normally want, and be able to supply additional heat in extra cold weather or when there is sickness in the house. Simply use the coupon below, sending it today to The H. B. Smith Company, Dept. K-22, Westfield, Mass.

The H. B. Smith boilers for steam, hot water and vapor heating radiators; and hot water supply boilers; for factory and public building.

The H. B. Smith Co.
Dept. K-22
Westfield, Mass.

Gentlemen: Without cost or obligation to me, please send me a copy of each of your two books.

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There is no floor so suitable to the modern spirit as linoleum — linoleum, harmonious in coloring, easy to clean, resilient. And there is no manufacturer with a greater mastery of linoleum design than W. & J. Sloane — originators of floor covering styles for 85 years. W. & J. Sloane Linoleum, moderately priced, is sold by leading merchants everywhere. W. & J. Sloane Mfg. Co., Trenton, N. J.

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IMPORTANT: Keep your ideas for a home! W. & J. Sloane, Fifth Avenue Decorators, will send a large scrap-book, valued at $2.50, together with suggestions on interior decoration, to home planners who send $1.00 to: Clara Dudley, decorator, W. & J. Sloane, Box 522, Grand Central P. O., New York City.
CHINA "Easy-Set" bathroom fixtures can be obtained from your dealer in white, black or colors. Their soft, delicate tints; their obviously high quality; their beautiful contours and artistic construction will add immeasurably to the appearance of your bathroom.

No screws are visible on "Easy-Set" Fixtures. They're attached to the wall by a cleat and slot device. And because every cleat is fitted into its particular fixture, they rest snugly and securely against the wall. And then, when you want to clean the fixtures, you can lift them from the wall and replace them without difficulty. "Easy-Set" fixtures are economical to install—and because of the special attachment, re-decorating is an inexpensive and simple matter, for they will not mar the walls when they are removed.

Look for the "Easy-Set" label which is on the back of every fixture, and which is an assurance of quality and durability.

If you are building a new home or remodeling your present one, be sure to see these fixtures at your dealer's, or ask your architect. In any event, write us to-day for our attractive new booklet showing "Easy-Set" fixtures in colors.

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Build permanent beauty into your home with MILCOR PRODUCTS

If you are considering a home as a place to really live... build permanent beauty into it with Milcor products. Protect your walls and ceilings from ugly cracks and discoloration by using Milcor STAY-RIB Metal Lath... Make them fire-safe and lasting by reinforcing them with steel. And the corners and arches... symmetrical and true... wherein is hidden so much of the charm of lovely rooms... preserve them with Milcor Expansion Corner Bead. Keep them in tune with modern simplicity... neat... trim and enduring.

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During course, offering study, 10-15 years, good schools, general work, 6 months to 3 years. Boarding houses, winter, Boarding, girls school.

THE directors of the schools and camps whose announcements appear in these pages welcome the opportunity of telling you about the particular advantages of their institutions. In writing to them, you will receive special consideration if you identify yourself as a reader of House & Garden.

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Preparation for College Entrance Examinations in Literature, Science, and Mathematics for two-year preparatory and collegiate work. Athletics for every boy. 18-hole golf course. 600 acres. Boys: Box G, Heights, N. J.

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What do children do?
Activities at camp vary widely. There is the small canoeing and riding camp, where children are trained to the activities and hardships of the trail. There is the crafts camp, where manual training, pottery and basketry, and woodworking, and habits of neatness and order are taught. There is the sports camp, where expert instruction in all sorts of physical activities. There is the nature-study camp for the scientifically-minded child. There is a camp offering all the joys and advantages of a well-managed country club. Some camps operate like a school, planning the child's whole program hour by hour. Some are run on an elastic schedule, with regular hours for very little except meals and sleep.

Which type of camp one chooses depends on the bent of mind and the immediate needs of the individual. Look over the advertisements in these columns. Most of them indicate their specialties. Or, if you have problems not resolvable, the Condé Nast Educational Bureau will be glad to put its advice, and its personal knowledge of camps, at your disposal, without charge. In writing to camps, it is well to identify yourself as a reader of House & Garden.

THE CONDÉ NAST EDUCATIONAL BUREAU
1930 Graybar Building, Lexington at 43rd, New York City

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Establishing complete preparatory work. Also general and useful courses. One year fully accredited. Music, Home Management, English. Address: Miss M. Low.

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PRACTICAL TRAINING COURSE
Period and Modernistic styles, color harmony, draperies and all fundamentals. Personal instruction by New York decorators

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Amazing opportunities to earn unusually large incomes in professional decorating

THE tremendous interest in beautifying homes has resulted in unprece- dented demand for women in the home decoration field. Your home and makes round-the-year sales. The demand for women who understand the art of beautifying homes and can make the most of the latest decorator developments.

If you are seriously interested in furthering your career in Home Decoration, send for free circular at once, giving full information on satisfactory Home Study Course, sending no money at present. Address to The Condé Nast Educational Bureau, 1930 Graybar Building, Lexington at 43rd, N. Y.
"The house is too chilly..."
complains Sister

"Too hot..." scoffs Brother

— When Dad thought it was precisely warm enough...

Finger-touch Control dispels {Too Cold, Too Hot} complaints

Let Sister have a warm room. Let out-doorsman John's room be as cool as comfort dictates. Let the temperature of each room in the entire house be governed by its occupant.

Let the radiator valve in each room regulate the comfort of the entire family. Today there is a modern heating system that delivers locally to each room as much or as little heat as is required, with no effect on the temperature of other rooms. A system that automatically adjusts itself to the hour-to-hour need for heat. Hoffman Controlled Heat.

Whether you prefer coal, oil or gas—no matter what standard boiler and radiators you select—you can easily add the equipment that makes it a Hoffman Controlled Heat system.

The action of the entire system is controlled from each room, by the pressure of a finger on the lever handles of the radiator valve. A finger touch commands each radiator to give off full heat, three-quarters heat, half heat, one-quarter heat or none at all. As the call for heat increases the supply of steam accumulates. Thus there is no waste. Hoffman Controlled Heat requires only a few ounces of steam pressure to heat an entire home, even in zero weather. Fuel costs reach a record low figure.

This new-day system is guaranteed in writing by a conscientious maker, to operate perfectly for years.

Such a radical advance in heating methods has aroused the interest of those who plan new homes. Whether or not you expect to build this year, you will want to know about this latest great step ahead in the science of heating. We have published an interesting booklet on Hoffman Controlled Heat. You are invited to write for a copy. Address Hoffman Specialty Company, Inc., Dept. H-16, Waterbury, Connecticut.
Mansion House at Mount Vernon. All buildings on George Washington's estate are painted with Outside Barreled Sunlight.

Beautiful "Mount Vernon" made still more beautiful...

VIEWED as a national shrine, the home of George Washington inspires deep reverence.

Regarded simply as a distinguished country estate, Mount Vernon delights the eye with the dignified beauty of its buildings, the serenity of its natural setting.

Today the proud task of perpetuating this national monument—the high privilege of maintaining and enhancing its classic charm—is shared by a distinctive painting finish, Outside Barreled Sunlight. Garbed now in this whitest of all whites—glowing with a lustre unmatched for soft richness—Mount Vernon fairly sings out with new beauty.

In the past twelve months, homes of distinction the country over have been painted with the new Outside Barreled Sunlight. Their owners are delighted—painters enthusiastic—neighbors admiring and frankly curious. All declare that Outside Barreled Sunlight is whiter than any paint in their experience.

It is the crowning achievement of twenty years' specialization on white paint exclusively. The gratifying result of our fixed determination to produce the very finest exterior white paint that we could make.

Outside Barreled Sunlight costs a few cents more per gallon, but in addition to greater beauty it has extreme durability. So even-wearing, it is in good condition when repainting becomes desirable.

Mail the coupon for free booklet, "The Whitest White House in Town."

U. S. Gutta Percha Paint Co., 15B Dudley Street, Providence, R. I.

The twin products for cleaner, more beautiful homes—inside and out

Outside Barreled Sunlight is made by an adaptation of the exclusive Rice Process which perfected Interior Barreled Sunlight, the satin-smooth, dirt-resisting paint enamel used on walls and woodwork in thousands of fine homes. The new product is in every way a worthy companion of the old.

Both forms of Barreled Sunlight are sold in cans of all sizes, 5-gallon buckets, and large drums. Extremely easy to tint with oil colors. Quantities of 5 gallons or over tinted to order at the factory without extra charge.

U. S. GUTTA PERCHA PAINT CO.
15B Dudley Street, Providence, R. I.

Gentlemen:

Please send me a free copy of your booklet "The Whitest White House in Town."

Name ____________________________
Street ____________________________
City ____________________________ State ____________________________

Send free can of Outside Barreled Sunlight to my painter. His name and address are given in margin below.
Sargent Hardware
adds much to the beauty and convenience of this dwelling in the French style

Yet it costs little more than ordinary hardware that will not wear well

Your first home told every visitor of your tastes and your traits. And the personality of the new home that you are planning to build some day will further reflect you—as your ideas have broadened and developed. Whatever will help make this new home exactly as you wish it deserves special consideration.

Those who plan new homes for the first time seldom realize the importance of hardware. But sagging hinges, rust-streaked woodwork, and the necessary replacements, are convincing arguments.

Your new home must have the best. The beauty of design and the high quality of Sargent Hardware give smooth operation and enduring satisfaction.

For the French-type dwelling pictured above, Sargent prescribes the two hardware designs illustrated on this page, both in keeping with the architectural style. Each piece is perfectly machined of solid brass or bronze, beautifully finished and non-rusting. The many Sargent designs offer a wealth to choose from for whatever type residence you are planning.

Sargent Hardware costs surprisingly little more than ordinary hardware. Complete equipment for the dwelling shown is only about 2½% of the total building cost—varying somewhat, however, for different sections of the country, and according to the design and type of construction. Our illustrated booklet, "Hardware for Utility and Ornamentation," will be sent you on request. You will find its many designs interesting and instructive. Sargent & Co., 31 Water Street, New Haven, Connecticut.
The one embarrassment in so many of the new homes

Here is a simple and positive way to avoid it ... when you plan!

How proudly they show you through new homes today. Homes with a hundred little modern improvements. And then suddenly you come upon an old, old fault—and they know you notice it. A door that sticks! A door that fails to latch! It is the most common flaw in new homes.

The reason for it is plain. Temperature and humidity change markedly when a damp new house is heated. Ordinary wood doors react. Absorbing moisture, they swell and stick; drying, they shrink and warp.

Yet, in the home you plan to build you need not have such doors. There is a trouble-proof kind that is going into thousands of new homes, that never fails in the severest tests.

Built in a different and exclusive way by the largest door manufacturers in the world, Laminex doors are guaranteed not to shrink or swell or warp. Guarantee label appears on the bottom of every Laminex door.

To be sure you get these trouble-proof doors, have your architect or contractor write "Laminex doors" into the specifications. They come in beautiful designs and lovely woods. And they will cost you scarcely anything additional—perhaps five dollars more for all the interior doors in an eight-room home! On door repairs you would spend much more.

For names of progressive millwork and lumber dealers in your city who can supply you Laminex doors, mail the coupon below.

No other door is built like this—with a stile core of short separate blocks that contract each other's tendency to change. With Laminex water-proof cement keeping moisture out, these doors can't shrink or swell.

Laminex doors will not shrink, swell, or warp

The annoyance of doors that stick! In your new home you can avoid it.
A LIFETIME of MAYTIME!

Maytime is at hand... Summer is just round the corner... Nature is beckoning the world outdoors... but it isn't so long ago since Nature drove the world indoors... and she will do it again!... Maytime doesn't last forever... but you can make it permanent in the home... it's all right now to put the climate in charge of the family... but put American Radiator Heating in charge of the climate!... protect your loved ones against extremes in the weather... safeguard them four seasons instead of one!... lengthen their days and strengthen their bodies with A Lifetime of Maytime!!

SPECIFY for your Protection... an All-American Heating Plant

BOILERS • RADIATORS • ACCESSORIES

AMERICAN RADIATOR COMPANY

40 West 40th Street, New York

AND ALL PRINCIPAL CITIES

If you will sign your name below and send it to the American Radiator Company, 40 West 40th Street, New York, N.Y., we will send you particulars of our convenient plan by which you may have your home heated at a uniform temperature of 70° by an American Radiator Heating Unit at less than $75 a room!... You can own the home of your dreams. Consult your local Building and Loan Association; let them show you how. There is no obligation whatever.

My name is

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Frank J. Forster designed this Breakfast-nook
to express the warmth and intimate charm
of Real Tiles

First of a Series
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designed with Keramic Tiles . . . by America's
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Vivid, arresting, individual interiors that charm you at every
turn by their unexpectedness and originality—
Rooms that delight you the instant you cross the threshold by their
rich color, their mellow beauty—
They are being created today by
America's most distinguished architects through the medium of Keramic
Tiles—real tiles.

There is no more expressive material in the world than Keramic
Tiles. Made in hundreds of lovely
colors and shades of color—in a
great variety of shapes, sizes, textures—they lend themselves to the
most diverse and beautiful effects.
The homeliness and warmth of French Provincial . . . the charm of
the Dutch or Flemish interior . . . the
glowing beauty of Spanish or Italian
Renaissance—any of these treat-
ments can be achieved, beautifully
and satisfyingly, with Keramic Tiles.

Let us send you—free—our illus-
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Your Home Through Keramic Tiles.
Write to us today!

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Dept. H-5, 420 Lexington Ave.
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TILE SETTING is a true craft, requiring a high degree of skill
and workmanship. In your
community there is an experienced
tiling contractor, who can
show you the different types of
Keramic Tiles, and see that your tile job
is efficiently and skillfully handled. Associated Tile Manufacturers.
OWNERS say that the only new motoring thrill they have enjoyed in recent years is the distinguished performance of the Graham-Paige four speed transmission, with its two high speeds and standard gear shift. The smoothness and swiftness of fourth, and the rapid acceleration of third, can only be appreciated by personal experience. There is nothing new to learn—you start in second; first, in reserve, is instantly available, but seldom used. We invite you to enjoy a demonstration of this new thrill in motoring.

Five chassis—sixes and eights—prices ranging from $885 to $2495. Car illustrated is Model 827, eight cylinder, five passenger Phaeton, $2195 (special equipment extra). All prices at factory.

Graham-Paige
First aid to mothers in safeguarding baby's health

Frigidaire reduces risks that come with sultry days...

"Watch baby's health in summer!" Down through the ages grandmothers passed this warning on to mothers. For with summer came the dangerous "critical period".

For years mothers faced warm weather with dread. The dangers that confronted their children in summer were mysterious dangers. They knew not what to guard against.

But how different it is today! There's nothing mysterious now about the risks that come with summer. It's simply that foods spoil more quickly and bacteria develop more rapidly. And to meet these risks, health authorities everywhere prescribe better refrigeration.

You can provide this better refrigeration with Frigidaire... the automatic refrigerator which is powerful enough to keep food at temperatures well below 50 degrees... always.

Power that gives a wide margin of safety Frigidaire operates automatically. It has a wide range of surplus power... power that keeps foods fresh and wholesome... power that safeguards health day and night, summer and winter... unfailingly.

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Balsam-Wool Blanket
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HERE'S a fine house. A good boiler and good radiators. And a third or more of the heat wasted—passing out through the walls and roof.

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One house will use three tons of coal, or three gallons of oil, or three cubic feet of gas—while the other takes two.

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* * *

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Broadly speaking, the seniority of Kelvinator represents the fullest experience anywhere to be found. And because Kelvinator has unceasingly dedicated its best ideas and efforts to the program of unfailing reliability, your choice becomes very simple.

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In the New 1929 Kelvinator

Silence—Positive and Permanent... Completely Automatic Operation... Flexible Rubber Tray for Ice Cubes

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The same motive which actuates the creation of any masterpiece, prompts the building of this, the world's finest motor car: unswerving devotion to one ideal— to produce the best, forgetful of cost, or expediency or any other consideration. A Duesenberg definitely excels every other automobile in the world, in every way.

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Do you know, for instance, whether sealing wax is still considered good form? ... or what are the "don'ts" to be observed in the choice of letter headings and monograms? Are you quite certain that your letter paper for social correspondence is correct? Do you use a different paper for your business letters? Should you?

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FINALLY, a system of centralized chassis lubrication has been perfected which operates easily, immediately, and invariably.

Nash now offers it on every Advanced and Special model of the new "400" series... Nash-Bijur... the finest device ever produced to supply chassis bearing points with necessary lubrication.

You simply press a convenient pedal (a child can do it), and twenty nine chassis points, spring shackles, steering knuckles, clutch bearing and the like... are bathed in fresh, clean, wear-resisting oil.

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A Wealth of Strength
Beneath Its Classic Beauty

WHEN the first Chrysler overthrew traditions of motor car beauty and behavior, there was a twofold reason for devising those new practices in design and construction which it introduced.

Chrysler engineers determined to replace awkward bulk with lithe grace, stodginess with alert and zestful performance. Guided by the canons of classic art, they translated authentic principles of beauty into automotive terms.

The second reason for Chrysler's new design was to enhance the utility and dependability of the Chrysler car.

The sturdy arches of the Roman aqueducts which have stood for 2000 years have been recognized as among the finest achievements of man's handiwork.

Not appearance alone directed Chrysler engineers to the aqueduct. The true arch is the acme of strength and rigidity, and so it was the Roman arch that served as a model for Chrysler windows and doors. Thus, solidity and trustworthiness were concentrated at an important point, masked by classic curve and flowing line.

It was not haphazard experiment and accidental achievement that developed Chrysler cars into symbols of grace in motion. They give greater value in performance as well as appearance because Chrysler engineers have never relinquished that twofold purpose of combining beauty with utility, swiftness with sturdiness, and luxury with dependability, in the proved integrity of Chrysler cars.

New Chrysler "75"—Nine body styles priced from $1333 to $2345.
New Chrysler "65"—Six body styles priced from $1040 to $1145.
New Chrysler Imperial—Nine custom body styles priced from $2675 to $3835.
Wire wheels extra. All prices f.o.b. factory.
WHILE in an unfamiliar country district some time ago, there was pointed out to me the summer residence of a man who as head of one of the world's largest corporations had made for himself an enviable name as well as a large fortune. Expecting to find a huge house and a large estate, I was greatly surprised to note that the estate was only a few acres in size and the residence a restored Colonial farmhouse. The most amazing thing, however, was the fact that, assisted by a handy man and his wife (who acted as cook), all the work about the place had been done by the owner, his wife and their two sons. Upon acquiring the house and grounds they had engaged an architect to plan the remodeling of the house and a landscape architect to make a simple planting scheme for the grounds, after which the owner and his two boys had begun the actual work. At the time I saw it, the house had been almost completely finished and the planting of the grounds was well under way.

The contrast of this simple dwelling with the country homes of other men on the same financial plane was so marked that it raised a question. Were these people happier in the simple life when business cares could be dropped for a short period now and again, more often than not to come to an estate as large as ours permits, by the time it is realized. Contemplated joys of real dirt gardening easily devolve into the business of dictating to workmen, inspecting work done and checking bills of materials. Satisfaction of actual doing is thus replaced by routine cares of management and the simple life is led for us in proxy.

The pleasures of having a magnificent garden in which, as a result of professional gardeners' skill, grow rare flower and plant specimens from all over the world, cannot even in part make up for the particular satisfaction which comes from knowing that a little plot of ground is blooming solely as a result of one's own hands. Life in the city is hedged about with various restrictions which we cannot alter. Our city homes are more or less governed by certain observances which we must carry out. Business demands and considerations for entertaining have always to be kept in mind. Time spent in country living, then, during the brief time which we can safely always to be kept in mind. Time spent in country living, then, during the brief time which we can safely allow to relaxation, should for best results be given over to the pursuit of the simpler things of life.
Back of the gift is the giver.

It's the loving thought that mother craves, whether it be expressed in a diamond or a box of chocolates.

If you choose chocolates, select the same assortment you give the debutante—Whitman's Sampler. Mother will appreciate your thought.

The symbolism of the package expresses the beauty of Mother's Day. Starting with a quaint and quiet sentiment, the Sampler has acquired a particular and special niche in the regard of candy-lovers.

It is not merely "a box of candy," it is a message, a token, a fit symbol of "a loving thought for mother."

Order it early from the Whitman agent near you—usually the leading drug store. He gets his supplies direct from Whitman's.

An added touch of sentiment is the special wrap for Mother's Day illustrating—"A Loving Thought for Mother."

Mother's Day
May 12, 1929
W HEN Birds Come North, May brings to the middle and northern tier of States the height of the spring bird migration, and brings it with remarkable regularity. Practically every migrant species arrives from the South within a few days of the same date year after year. The season may be two weeks behind or ahead of the normal, but not the birds.

This almost slavish adherence to the calendar sometimes leads to fantastic anomalies. The robins and phoebes look strangely out of place in the midst of a driving though belated snowstorm; the flaming red and glistening black of a male scarlet tanager seems utterly miscast among still leafless branches. Not infrequently, too, the least hardly inimicable species pay with their lives for their faithfulness to one of Nature’s greatest mysteries, for they cannot withstand the rigor of a bitter northeast rain. Such a three-day storm drives insects to cover and so numbs the wanderers and other wee fellows that they lack the physical strength to seek them out for food—a dangerous combination.

THE Sporting Spirit. Of late we have come to a hasty and odd conclusion: dogs have quite as much sporting spirit as mankind can boast. It came about in this fashion:

We chance to be the owner of a pair of Scottish Terriers, brother and sister, enclosed with personalities entirely out of proportion to the stature of their sturdy, underslung, grizzled bodies. Also, our Connecticut domain adjoins a really extensive tract of field and woodland wherein two small and eager basset hounds can skirmish all day without let, hindrance or peril of speeding motor-car. The combination is fraught with possibilities, to put it mildly.

Now, in that rocky, secluded near-wilderness there are rabbits—thousands of them, the Scotties evidently believe. Healthy, swift, scent-laden, wholly tantalizing rabbits—sportsmanlike rabbits, given to unexpected leaps out of brush piles, to bold dashes along the Oak ridges, to devious dodgings through brier-choked swamps. Not rabbits to be caught, of course, for the speed of long legs is not to be matched by short ones, however frantic; but then, who wants to catch a rabbit? If you did that you couldn’t chase him any more, couldn’t thrill to the sight of his white cotton tail bobbing away down the ravine, couldn’t run yourself breathless while the ledge echoed to your frenzied yapping, couldn’t feel your eyes blaze with the glorious excitement of the hunt. For swift-footed game was born to be pursued, not captured. Therein lies the true sport of the thing; as every Scottie knows, 

S T R A I N I N G at Gnats. Not long ago an ocean liner steamed into New York Harbor, docked and discharged a cargo in which were 4,000 tons of Holland-grown vegetables—Carrots, Onions and Cabbages.

Such an importation is interesting from the standpoint of world food distribution, it also illustrates another quite different situation: the astounding inconsistencies in the provisions and enforcement of the Plant Quarantine Act. For consider:

Here was an enormous quantity of plant material entering the country virtually without official inspection or disinfection. Ten billion bugs and blights could well have ridden in undetected among those innocent looking crates (if we were to believe the doctrines of the Plant Quarantine Board) but no hand was raised against them. Yet if a passenger on that same liner dared to come down the gangplank with a newsga in his buttonhole or a wee potted plant in his hand, an inspector would have confiscated it on the spot, on the grounds that it might harbor some unspeakable insect plague. And if the passenger should be such a renegade as to carry in his pocket one single flower bulbs from that same Holland—well, he would almost as well think of trying to run rifles and ammunition into a revolutionary Latin-American republic!

R E N E W A L

In through my window the wan sunbeams slide:
I had a dream insensibly fair—
It was that Spring would really come again
And see its quickening in the hearts of men!
There is one small bird on a bough outside
Singing and singing, though the bough is bare,
One small, prophetic bird on a bare bough,—
He waked me with a vision even now!
That branch is richer for its being bare:
The place—whom within there wain the leaves' vast green?—
Each branch must bud, each tree now black and lean.
Must sing in daw, make whisperings for the moon!
What seems insipid must happen soon:
There works a mighty principle unseen,
And its almirihess is striving there:
The branch must move, the tree dance into leaves,
And the colors make their marriage with the sky.
And bring forth colors laughing everywhere;
Inimitable confusion of song and light.
Till all must dance as children at the sight!
If music is a thing you've never heard
How can I tell you of it—prophecy?
And you will strike the truth down for a lie.
Yet you have seen the Spring before, and know?
As if what once has been, must come again
From grim earth, grey, unaltering grim sky—

Suppose it didn't come—why should it come?...
I wouldn't blame God if he held it back.
A hundred years, just to teach men in lack.
To let them know it's something more than just
Cold measurements of sun and rain and dust!
Wonder must speak and Logic must stand dumb.
Wonder alone, and Miracles behave
Even this working world, beyond its grooves...
From bare bough standing in a barer sky—
Sing, bright bird on bare bough—bare prophecy!

One favour, friend, I ask you: when it comes,
This Wonder leaping from the heart of God,
Winking the pulse like trumpets, flutes and drums;
The grunted miracle of the barren rod
Accepting wealthy blossom—I must ask
(While all the living in the day-stream bask)
That you don't mix it with the commonplace.
When even blind men feel it with the face,
And Unbelief can touch it with both hands—
Don't just say "Spring, and nothing more!"—
Instead, stormed by a thing that ought to frighten you
To great triumphant gladness, bow your head
When wonder has burst from the bough that's bare
Was so insipid last Spring, and know?
When something rich has happened to the air,
When what that little bird sings has come true!

HARRY KEMP
FROM HARNESS ROOM TO HOME

This living room corner of a converted barn in southern Connecticut shows steps mounting to what was originally the hay loft. The doorway at the left gives into the top room which boasts a large stone fireplace almost hidden beneath a glittering array of brass skillets, ladles and warming pans. Chamberlin Dodds, decorator
THE CONVERSION OF AN OLD BARN

Showing How a Decorator Went About Turning a Hayloft Into a

Comfortable and Colorful Country House

CHAMBERLIN DODDS

YOU have to get your philosophy straight on this sort of thing before you undertake it. You have to find out why you want a summer home, because the reason why you want it will determine the sort of house you seek or make or build, and you will be completely happy with it only if it satisfies those requirements.

Some people visualize themselves as embryonic gentlemen farmers. That sort of a summer place entails a farmhouse, meadows, cultivated fields, farmhands, barns, chickens, pigs and cows. Others, who have a taste for the sea, aren’t happy until they’re in a sort of Viking environment—boats and a beach and a big spy glass on the front porch and a lot of nautical gear around, and all that sort of thing. Still others do it for the wife and the kiddies and they’re usually satisfied with any old kind of house just so long as it’s within easy commuting distance and they can escape the family for six days out of each week.

When this urge to have a country place seized me and when it became so persistent that I couldn’t resist it, I began setting down on paper the various things I wanted.

The list ran this way:

(1) An old mill
(2) Dense woods
(3) A waterfall under my window, to put me to sleep
(4) A tiny, flower-spattered meadow

The living room in the converted barn shown in this article has white walls with exposed beams, and is furnished with peasant pieces of Spanish, French and English origin.
The outside of this remodeled barn near New Canaan, Conn., of which Chamberlin Dodds is the owner and decorator, is painted white with a black roof. Window casings are jade with black mullions; the awnings are yellow and black.

The entrance shown at the left once served as a sentry box. Over the door is an old Venetian chandelier of black wrought iron fitted with tall electric candles which give a festive appearance to the front of the house at night.
A dark green glen rushing with fresh cool water.

A little pond to splash in.

That, I soon discovered was a large order; the mill and pond we found, but no glen. Or a waterfall and woods, but no mill. Sometimes a meadow with no barn or mill in sight. Or vice versa. I didn't want to be a gentleman farmer or a sailor, nor did circumstances make it more pleasant for me to park a family in the country. I wanted these six things and I wanted to tinker with all of them. And having gotten all these I'm beginning to believe that the man who is happiest in his country place is one who first hopes for the unattainable and then goes out and attains it. He may start with a shack, a house, a barn or a corncrib, but the more he plays with it, the more he fusses around here and adds there, the more fun he will have. That is the history of Doddam House, as the pictures show, it has all of the six circumstances I required.

The woods, the waterfall, the meadow, the glen and the pond were all found tucked away in southern Connecticut not an hour from town. Five out of six essentials. The mill alone was missing.

Luckily an old barn with enormous hand-hewn timbers, wide oak floors and solid rafters was found twenty miles back in the country. With much care the roof was removed in sections, the sides taken off, and the framework unpegged and carted across country to its new locality and "hung" over the little pond in the woods by the waterfall, next the meadow. A modern "L" was then attached for the morning room, guest rooms, service and servants' quarters, with a garage hidden behind all. This completed the house. From the house a series of terraces lead down to the old dam and waterwheel. The pond is surrounded with big trees and bordered on one side by Weeping Willows, which are the great-great-grandchildren of the Willows planted by Napoleon at St. Helena. A rare example of a wooden cigar-store Indian stands upon a rock at the end of a small peninsula, while in the pond swim white Pekin ducks and huge black Chinese geese. Here is also moored a miniature Venetian gondola.

Doddam House is painted white with a black roof and the window casings are in jadé green with black mullions. Yellow and black tin awnings form the roofs of the front extension "decks" while from every bedroom is a breakfast balcony covered by one of these tin awnings. One color—black, yellow or white Spanish jars are filled with purple Petunias, and in their season a triple row of giant sunflowers bloom across the front of the house and grace the terraces and "decks" that surround. The entrance once served as a sentry box. Over the door is an old Venetian black iron chandelier rearranged with electric candles which give a festive spirit to the front of the house at night. Black tin flowers in green wooden
The dining room has yellow walls, yellow hangings with printed valances and painted furniture. The "spattered" floor is decorated with yellow roses.

In one corner of the tap room is the bar, laden with old tankards and wooden cider pitchers from Normandy. The Tavern rules are displayed at the left.

The dining room has yellow walls, yellow hangings with printed valances and painted furniture. The "spattered" floor is decorated with yellow roses.

In one corner of the tap room is the bar, laden with old tankards and wooden cider pitchers from Normandy. The Tavern rules are displayed at the left.

urns surmount the posts which are used as supports for the tin awnings.

On the right of the entrance hall is the morning sun room, which also serves for a dining room. Here one is greeted by an inspiring mélange of color: yellow walls and ceiling, with hangings of old satin in yellow hung under valances of a Regency linen, printed in jade greens, Sax blue, oyster whites and mauve. The valances are hung from old wooden cornices in green and gold and the corner china cupboards are in green and yellow with découpage decorations. An old painted table is surrounded with Regence chairs painted green, and two armchairs of the Spanish peasant painted type are also used. The floor is painted and "spattered" in greens, yellows, lavenders, and white dots and lavishly decorated with yellow roses that give a redolent spirit of gaiety to the whole room.

At the extreme left of the entrance is the tap room, tiled in red and furnished with fine old examples of French provincial
things. Here were the stalls of the original barn. A large stone fireplace is almost hidden beneath a glittering array of brass warming pans, skillets, ladles, toasting forks, and old lamps. Here swings the iron kettle on its crane. At the right is the bar, laden with old tankards, water jugs, leather wine carriers and wooden cider pitchers from Normandy. The "Rules of the Tavern" are conspicuously displayed at the left of the bar and are copied from the original set still hanging, I'm told, in an old tavern. They run:

Four Pence a Night for Bed  
Six Pence—With Supper  
No More than five to sleep in one Bed  
No Boots to be worn in Bed  
Organ Grinders to sleep in the wash house.  
No beer allowed in the kitchen  
No Razor Grinders or Tinkers taken in

The tap room gives onto the deck over the pond, and also into the big high living  

(Continued on page 172)
AMONG the encouraging developments in the past decade of American life is the rise to popularity of flower shows. Twenty years ago they were rare and, in the light of our present accomplishments, meagre. The past decade has seen them grow in numbers, in size, in beauty, in appreciation and in distribution. Towns and cities that never dreamed of holding flower shows now account them a desirable and necessary adjunct to community development. Philadelphia, New York and Boston, where the great horticultural societies function, are constantly raising both the standards of display taste and of plant material. Detroit, Chicago, Cleveland, Buffalo, Miami, the cities of the Pacific Coast, the cities of the Southwest and the inland cities all reflect in their exhibitions this rising taste. What cities are doing, innumerable towns and hamlets echo. We American people are becoming flower conscious.

APART from the work of the horticultural societies, the botanic gardens and arboreta in various sections of the country, the credit for this awakening interest goes to two great groups of women gardeners—to the Garden Club of America and to that vast network of societies now being consolidated all over the country under the name of the Federated Garden Clubs. These organizations have done great works—they have set high standards of taste in displays at flower shows, they have set and solved concrete and definite garden problems, they have made a knowledge of flowers and the practice of gardening desirable accomplishments for women, and in so doing they are changing the aspect of towns and cities as no legislation or politicians or commercial interests ever could do.

Before their entrance into the world of flower shows these exhibitions were merely displays of plants; today they are displays of gardens and parts of gardens—definite problems that hundreds may be trying to solve; or they are table and flower arrangements such as people want in their homes. In short, thanks to these intelligent, indefatigable and pleasantly persistent organizations, the American people are learning that horticulture is a necessary part of our everyday life. They are teaching thousands of home owners that it is not enough merely to grow plants well, that it is not enough to be satisfied with a few commonplace kinds of plants such as every corner florist and country nurseryman can furnish. They are teaching home owners that the design of gardens and the selection of plant material to go into them, arrangement of flowers on the table and in windows all have bearing on the sort of life one lives and that life is richer for having them.

FROM those who enjoy seeing flower shows at their leisure there has lately arisen the complaint that the aisles are so crowded and the exhibitions so deeply surrounded by the gaping populace that there is little chance to appreciate the displays. Look down from above on any spring flower show in our larger cities, and this fact is evident. But for the people who are there, pleasantly jostling one another, are scores of others who can never be seen save by those who look for such spectacles. Through these flower shows stalk the ghosts of innumerable intrepid men whose labors now bear fruit for us today—plant explorers and plant hybridizers.

Behind those magnificent displays of Roses, stand the ghostly shades of Pernet-Ducher smiling beneath his walrus moustaches, of beneficent Dean Hole with beautiful Roses in his heart, of Fr. Hugo and all that glorious company, whose patient labors and searching have made the Rose, the traditional Queen of Flowers.

BEHIND displays of American wild flowers may well stand Peter Kalm remembered in Kalmia, John Clayton whose name the wee Claytonia bears and David Douglas immortalized in a Spruce. Plant explorers all of these. Behind the Lilies an innumerable company of missionaries and plant stalkers, from the earliest Jesuits who brought home new bulbs from Asia to our own Ernest Wilson, fortunately in the flesh, carrying the limp that was the price he paid for bringing to our gardens the Regal Lily. There were Lemoine, the French Lilac hybridizer and Jan van Tol, who likewise worked with Lilacs, and Pierre Delavy and F. N. Meyer who discovered new kinds; Dickson and Jackson Dawson and M. L. Welby, all giant Rosarians; de Vink and the Kosters who did so much for Azaleas and van Houtte whom we remember in the popular Spirea; Joseph Jacobs of Tulip fame and Wilkes of Poppy renown and Peter Barr of Narcissus; Professor Sargent in whose memory any noble tree can stand; W. R. Dykes and Sir Michael Foster who labored long and lovingly among their Irises; Farrer, the novelist and plant-stalker, and Robert Fortune the tea searcher and Dr. George Hall who gave us the Auratum Lily and the Honeysuckle that bears his name. Some lived to ripe old age and passed away in comfort; some perished miserably in the hinterlands and no stone marks their resting place.

These men who made the world richer for their discoveries and plant creations form a mighty host. And it is they, if the truth be told, who crowd the aisles of our flower shows today.
That brook is most alluring whose busy course is through a woodland, for here are intimacy, play of light and shadow, and the phantom voices of falling water. There is such a stream on the estate of Paul D. Crowther, Locust Valley, L. I. Morse & Morse, landscape architects.
COLOR AND COMFORT IN GUEST ROOMS
The Thoughtful Hostess Insists on Comfortable Equipment, Then Makes
The Guest Chamber as Attractive as Possible
IRENE SIDLEY

I ONCE visited some newlyweds who stored their liquid hospitality in the guest room closet, and between mothproof bags, cedar boxes and an unusually pungent pine pillow I was nearly asphyxiated trying to find a single hook on which to hang my entire equipment. Imagine my dismay on retiring in this same room to find it impossible to open the bureau drawers, while the windows, either from heat or a painter’s carelessness, were stuck fast and refused to move an inch.

What then, in capsule form, constitutes the perfect guest room? Surely not the ensemble of beds, chairs and chintzes, although the decorative scheme helps in large measure. But the acid test of an interior of this kind is its thoughtful equipment, and to determine this every housekeeper should occupy her own guest room for a few days, have her breakfast tray sent up, and be, for the time being, the guest of the household. She should ask herself, “Are my beds comfortable, my windows well-shaded, the coffee well-made and served hot on a tray that bears attractive china, spotless linen, good food and the morning paper? Has the desk the fittings necessary for its usefulness and is there a good light to read by near both the bed and the chaise longue? Is the dressing table completely equipped and well lighted? Is there an efficient sewing kit, a variety of pins in the pin cushion and plenty of clothes hangers in the closet? And, finally, is there at least one comfortable chair and footstool in the room, or better still, a chaise longue for the tired guest to rest on in those few precious moments before descending to the dinner table?”

After attending to the comfort of her guest the thoughtful hostess concentrates on making the room as attractive as possible. Here color plays an important role and should be among the first considerations. In one of the most successful guest rooms that I know of, a room that combines every comfort with an effective color scheme, the walls were paneled and painted restful Adam green, with a hand-blocked floral paper in the Chinese taste used to form large panels. The coloring of this was green, arbutus and primrose yellow on an old ivory ground. The carpet was the soft green of the walls and the spreads of green moire on the satinwood beds repeated the fabric and color of the window draperies. These were tied back over glass curtains of yellow taffeta bound with green. The furniture com-
Whether your guest reads romance, garden books or poetry, she will appreciate a reading light near the bed. All sensible people read in bed.

prised a satinwood commode with painted decoration, placed under an 18th Century gilt mirror with yellow marbleized columns, a draped taffeta dressing table in yellow, with underskirts of green and arbutus color, two comfortable overstuffed chairs done in arbutus satin and a large wing chair slip-covered in an Adam chintz which repeated the coloring of the wall paper. A chaise longue in the same chintz as the wing chair had many small pillows covered in shades of green, arbutus and yellow. The crystal lamps on the dressing table were fitted with shades of butter colored lace.

In addition to these pieces of furniture there was a secretary painted green and decorated in the Angelica Kauffmann manner. This was filled with all kinds of stationery—telegraph blanks, stamps, pens, time tables and a road map to town. Besides the ordinary ink, fountain-pen ink was provided, and on a small card, tucked in the corner of the desk pad, was engraved the hours for meals and the method of ordering one's breakfast tray. Adjoining this colorful room was a bath with a green tiled floor and a recessed tub. Yellow marbleized paper on the walls accented with a Greek key border in green and yellow was varnished for protection against steam. A green porcelain lavatory, toilet and tub lining repeated the green of the floor. All the linen and rugs were soft yellow, with window and bath curtains of yellow rubberized taffeta trimmed with bands of green and arbutus color. The cabinet over the bowl had a mirror door with gold drapery etched across the top, and its contents were a joy to a tired traveler. Dusting and face powders, cleansing creams of unquestionable make, tooth paste and brushes in their wax paper cases, hand lotion, aromatic spirits of ammonia, and even aspirin. A small veranda just large enough for two chintz covered chairs and a low table for the breakfast tray in fine weather completed this haven of comfort.

"The east room is yours! Make yourself at home!" called my hostess. My bags had preceded me and I was soon at home, indeed, in a room whose furniture of the Federal era, handed down from generation to generation, spoke of "family" in the best sense of the word. "The bed and chest were my great-grandmother's and the dressing table my grandmother's" proudly explained my hostess. As a background for this fine old mahogany the walls were covered with an English chintz paper and old hooked rugs adorned the floor. The four-poster tester bed, which required a step to reach it, was hung in white dimity, edged with cotton ball fringe, and a hand-crocheted bedspread of intricate design, also an heirloom, covered the top. The curtains were of ruffled dotted Swiss, tied back. The appointments of the dressing table were all old silver—a beautiful pair of Georgian candlesticks were wired for lights, and the easel mirror was old Sheffield. The large bath-dressing room adjoining was all in ivory white with blue sandwich glass accessories. Here white dotted Swiss curtains had valances of flower-sprigged glazed chintz with a bright blue ground. An old hooked rug covered the floor and a painted wall clock of other days, with hanging pendulum, had been placed here so that the steady, persistent recording of the hours should in no way dismay the sleeper.

I have always maintained that guest rooms could and should be brighter and gayer than other rooms, as they are intended for fleeting friends and are not lived in for any length of time. The wise decorator often uses notes of startling color in a room of this kind as first impressions are apt to be lasting. For this reason I decided on a scheme of flame, blue, brown and yellow for a guest room and bath in a country house. Here the walls were papered (Continued on page 164).
USING WHITE IN DECORATION

A Color Outline for Four 19th Century Rooms in Which

White is the Outstanding Note

H. G. ERWIN

FORMERLY the harassed householder, when planning to redecorate, turned to neutral wall tints, feeling that brilliant materials would appear at their best against them. Then came the era of tinted backgrounds, and we welcomed the advent of such refreshing tones as Adam green, robin’s egg blue, yellow and peach. The cycle of decoration now brings white to the fore again and this color, once almost forgotten, is now in vogue. The materials would appear at their best against rooms in which white is the main theme.

Living Room

Walls: Lacquered white.
Ceiling: Flat white calcimine with cornice molding in gold leaf.
Floor: Carpeted in 19th Century rug of the much befavored type in bright colors.
Door and Window Trim: Painted white. The baseboard is white with the bottom member painted the darkest color of the rug so as not to show cleaning marks.
Mantelpiece: Cream white marble with pair of figures in full relief of a romantic shepherd and shepherdess flanking a round top opening with brass trim.
Curtains: Red satin, damask or brocade hanging from carved wooden valance boards in the shape of a conventionalized archer’s bow, the central carved motif symbolizing various country activities, such as agriculture, hunting, etc. Glass curtains white muslin, fringed with silk covered wooden tassels in red and yellow.

Furniture: On one side of fireplace a 19th Century sofa with carved, curving frame upholstered in blue corduroy, horsehair or moiré and tufted. Opposite are two arm chairs of corresponding type, covered to match the sofa flanking an English Regency mahogany table holding a ruby glass lamp with ruby tinsel paper shade.

In one corner a low, upholstered chair beside a slim étagère about 18 inches square, holding a white alabaster urn lamp with white paper shade hung with swags and tassels of crystal beads. In the other corner a 19th Century card table with green baize top and the mate to the étagère.

Between the windows at ends of room are long mirrors in carved gilded frames. In front of one is a marble top rosewood commode holding a bell glass protecting a basket of flowers made of shells. In front of the other is a drum table, which will also serve as a desk, holding a blue glass lamp with blue paper shade edged in gold embossed paper. In each window is an overstuffed chair which is covered in millefleur glazed chintz.

Opposite the fireplace is a rosewood bookcase with glass doors in upper part and solid wood panels below.

Accessories: Oval mirror overmantel in gilded frame flanked by half round rosewood brackets in design of carved grapes holding Parian marble busts.

On the mantel is an alabaster and ormolu fire clock, Bohemian ruby glass vases with cast brass filigree bases in the form of grape leaves and three-branch candlesticks in cast brass with central shaft of white glass and crystal pendants.

Dining Room

Walls: Paneled with simple moldings and dado rail. At the corners of the panels the molding is cut out to receive a motif of a shell and scroll. Painted light lemon yellow, with moldings and rail white.

Ceiling: White.

Floor: Painted brown or brown linoleum, or carpeted in a brown and honey colored pattern of leaves.

Door and Window Trim: White, baseboard marbleized in brown, pink and yellow on white ground.

Windows: No draperies but white Venetian blinds surrounded by shaped palmettes.

Furniture: Two corner cupboards, a buffet, dining table and chairs of amber colored maple, with columns and decoration of ebony in the simplest Biedermeier manner. The chairs are upholstered in white horsehair. The table service consists of candlesticks and epargne of etched glass with crystal pendant, smaller candlesticks, and small dishes of old tinsel glass, pink and white china and a luncheon set of early American white milk glass.

Lighting Fixtures: Brackets supported by masks in the Egyptian Empire manner, painted black and white, holding tassel candlesticks enclosed in hurricane globes.

Bed Room

Walls: Papiered in white embossed moire, printed tempera moire, or flat and glossy moire stripes.

Ceiling: Calcimined pale pink.

Floor: White linoleum or painted white, with rugs of white bearskin, white angora goat, or white cotton chenille.

Trim: White enamel.

Drapery: White linen with a double fringe 2½ inches wide. Glass curtains of white cross-harled Chinese gauze hung under white Venetian blinds.

Furniture: The bed, chiffonier, wardrobes and bureaus are Victorian maple furniture designed in the 1860 concept of Chinese Chippendale bamboo, painted white, with the interstices relieved in gold.

Slipper chair, rocker and two side chairs with seat cushions of white cotton quilting. Upholstered chair in white corduroy, with a slip cover of white satin.

Upholstered chaise-longue in white moire.

Bedspread is an old white candlewick. Mantelpiece is white marble over which is a mirror framed in porcelain flowers.

On the mantel shelf are two pairs of white china candlesticks and a garniture in white marble depicting the seasons.

Lights: The bedside lamps are white marble columns with shades of white pleated bookcloth. Fire-lamps are white tôle, with gold and black Chinese décor, with shades of white celluloid.

Entrance Hall

Walls: Papered in two or three-inch blue and white stripes to dado, which is white enamel. Baseboard marbleized in black, blue and green veins on white.

Ceiling: Calcimined flat white.

Floor: Hardwood stained and waxed to dark oak color and covered with a turkey red runner and red carpet on the stairs.

Door and Trim: White enamel.

Curtains: No windows. Fan lights over the door have curtains of white net.

Furniture: A pair of 19th Century pedestal tables in curly maple, over which hang pictures in wool work in maple frames. On these tables are cast iron mirrors, familiarly known as “Jenny Lind”, but which really commemorate the Civil War and show the women of the North and South at either side of the frame.

A pair of cast iron hat racks painted in naturalistic colors and representing crossed guns and the paraphernalia of Civil War soldiers. Cast iron umbrella stand depicting an early 19th Century English sailor.

A maple bench, upholstered in red and blue stripes over which hangs a gilt mirror.

Lighting Fixtures: A chandelier of clear and frosted glass with white paper shades edged in gold embossed paper.

On the table are white glass lamps with white paper shades.
Above is a striking treatment for a summer window in a room that combines modern furniture with old Chinese pieces. White Venetian blinds have a valance board of chinoiserie wood designed in the Chinese taste. In the New York apartment of Mrs. Jay Gould. Jones & Eruhie, decorators

These bouffant curtains are white glazed tulle ten bound in dark blue braid. This material, usually used for dress bags, offers a new medium for summer curtains. It comes in interesting colors, is inexpensive and delightfully cool-looking, its glistening surface suggesting ice. Blossom Trimming Co.

SUMMER

WINDOWS IN TOWN
The illustrations on this page show modern curtain treatments. Above is an interesting window hung in sheer material—chiffon or one of the rayon voiles in three shades of chartreuse, the palest tone being next the glass. In the recessed portion is a built-in shelf supporting a plant stand.

This French door in a modernist room is simply curtained with voile or chiffon, pleated and stretched onto a wooden frame which is hinged at one side. Uncovered spaces between draped sections permit a view of the garden.

Yellow chiffon curtains the double window shown at the left. Next the glass is one layer, slightly full. Over this are pleated sections attached to a narrow wooden frame fastened to the trim. The Park Avenue Galleries.
May, 1929

A linen which was specially designed for Colonel Rogers strikes a gay note in this room located under the eaves. The shaped curtains hang flat over mull glass curtains edged with fringe. McMillen, decorators.

The rooms illustrated on this page, with their graceful curtain treatments, are in the Long Island hunting lodge of Colonel H. H. Rogers. (Above) Scenic paper, curtains of white mull.

(Right) Double curtains, one side of old chintz, the other of white mull, make interesting window treatments in a room with green walls and Early American furniture. McMillen, decorators.
A black and white scheme offers a pleasing change from color. (Above) White walls with stencilled design of black fish, black and white fixtures, black linoleum and modern hangings in black and silver. Park Avenue Galleries

(Above) Silver walls and ceiling with undersea motifs in black. The tiled dado is in ochre surmounted by black trim. Black and white tiled floor; modern accessories. Painted by Louis Bouché.

In the attractive bathroom at the right the walls are painted in pale pink and decorated with 18th Century scenes painted in umber grisaille. The dado is silver. Louis Bouché was the artist.

FOR THE SUMMER BATH
Modern wall paper brings color and gaiety to bathrooms. The paper above has flowers in pastel shades on a cream ground. The tiles are green and the rubberized flooring is blue and green. Courtesy of Frances T. Miller

Minga Duryea Patchin painted the pale green walls of a country house bathroom in a design of gold and white urns containing ivy which trails over flower prints framed in green.

Another bathroom in a country house has a dado of green marbled paper. Painted pots of spring flowers decorate the cream colored wall above. It was painted by Minga Duryea Patchin.

WALLS IN COOL COLORS
IMPORTANT FACTORS IN HOUSE HEATING

Data for the Home Builder on Creating and Maintaining A Satisfactory Indoor Temperature

ELIZABETH HALLAM BOHN

IN one of the recent issues of House & Garden, Richard Le Gallienne remarked that when an American cannot live in an old Colonial house, he builds a new house as much like one as possible and then spends no end of money in the collecting of old Colonial furnishings, so that if he may not live in the house of his ancestors, he may at least he surrounded by his ancestral atmosphere.

But the modern home builder's ideas of atmosphere, taken literally, are highly developed over those of the sturdy pioneers whose architecture he is proud to copy. Today the broad hearthstone, with its roaring fire, is of purely esthetic significance. No longer does it stand for life itself. For whether the new home be in the style of Colonial America, of mellow English inspiration or reflecting the charm of Italy or Spain, there is a central heating system designed to heat it adequately. The great developments in this field of engineering and the scientific study given to the relation between human efficiency and temperature and quality of air have focused on this largest single item in home building—far greater ratio of interest than the nine and a half percent apportioned from the building budget to the first cost of installing steam, hot water or warm air.

FOR EFFICIENT HEATING

Several factors will influence the efficiency of any heater, even before it is installed. The chimney which runs through the middle of the house will, as a rule, draw better than if designed to run along an outside wall. And the boiler or furnace should be allotted a flue all its own. The heater itself can only generate and distribute heat in a steady flow. The walls and roof of the new home must be so constructed that precious warmth will not leak out. Thick walls and sturdy construction alone will not keep the heat within the house in winter and successfully repel the summer sun. It is the non-conducting quality of the many excellent insulating materials on the market which cuts fuel bills and makes for an equable temperature in any weather.

Insulation is not one of the extras which can be "added later". It should go right into the first construction of the house—in the form of flexible quilting under shingles or clapboards, or in large sheets of non-conducting fiber or cork. In some cases these sheets can take the place of wood sheathing, building paper, wall boards and laths, adding weather protection at little extra cost and in addition absorbing the sound vibrations of hard, paved streets.

One ingenious method of construction uses the insulating material in the form of permanent molds for a poured concrete wall. Inside and outside treatments are then applied direct, giving a high type of construction at a reasonable cost.

Other forms of heat conservation may be suggested by the architect who builds for the future. Steel window casements, as an example, defy the worst of weather, refusing to warp, swell or shrink. Or weather-stripping may be used to prevent unwanted drafts from creeping into homes situated on windy hilltops.

PROPER TEMPERATURE

Sixty-eight degrees of moistened heat has been discovered by scientists to be most conducive to efficiency in normal persons. Yet every home builder must adapt this arbitrary degree to his own individual needs, as well as considering the type of house to be heated and the first cost of installation. Some older people need the home warmer for comfort. For them one of the colorful "portable furnaces", which plug in at an electric outlet, will give three stages of supplementary heat, within a limited radius of 660 or 1000 watts of current. Or where, on account of very young children, the home must be warm and cozy at night, the more lasting heat of a hot water system may be preferable to steam or warm air.

Individual needs should be discussed with a heating engineer who can then advise what system and size of equipment will best fit into the human, technical and financial situation. He will recommend that whatever form of heater is used, it should be of sufficient capacity so that expensive "forcing" will not be necessary and that all the heat will be utilized through enough fire surface to absorb the heat generated. If radiators are to be installed, he will conjure up from the cubic feet of air in the room, the window area, size of exposed wall surface and the various relations of these figures to each other, the formula which will finally express itself in just the right size of radiator for that particular room. If the radiators are to be camouflaged by decorative covers or set within the walls this will bring in a new problem through the possible change in air circulation. Heat from the up-to-date steam radiator is regulated at the touch of a finger, for control valves make it possible to adjust it to full heat, three-quarters, half, or none as desired.

Steam heat is a quick heat, easily controlled but cooling down rapidly when the fire is banked. Hot water heat, which carries water instead of steam, through larger radiators, is more even and less flexible. Once the water in the pipes is hot, it keeps on circulating through the system as long as the temperature of the boiler is greater than that of the house. At night the home remains warm, even though the fire is banked, for water cools slowly. An added refinement is the automatic circulator which reduces the operating cost by increasing the circulation, by pressure, at least five times. Steam and hot water systems cost about the same in upkeep though the installation of hot water is higher because two sets of pipes are needed.

The latest development in efficient home heating is a system whereby a vacuum is maintained in the pipes. Where first cost is of lesser importance than final performance, this slightly more complicated principle has completely justified itself by the most satisfactory results.

THE WARM AIR SYSTEM

If warm air is to be installed, the prevailing winds will determine the location of the furnace in the cellar. Fresh air is brought in from outside, moistened by a water pan located in the furnace itself and sent in a continuous flow through large insulated pipes to registers inconspicuously placed in walls, or floors. Lowest in initial cost, this flexible heat producer quickly responds to a hurry call and gives satisfactory results in compact homes of moderate size. The "one pipe" furnace takes advantage of the laws of gravity, gathering the cooled air from the house itself and returning it, warm and sterilized by its passage over the heated castings of the furnace, into the room where the single register is located. Thence it circulates through the house. A warm air central heater does more than just warm the air. It keeps it in circulation. Recently one manufacturer introduced for this type of heating equipment, a "super-circulator" in which a fan unit combined with the heating plant to increase the turnover of air from four to six times an hour.

Today the householder has a choice of (Continued on page 170)
Fine old American furniture in maple, a background that brings the interest of both color and design, and the sharp accents of hooked rugs are reasons for the engaging effect of this hallway in a country house on Long Island. The wall paper is green on gray, the woodwork green. Diane Tate & Marian Hall, decorators
The country house in the Portfolio this issue is furnished mainly with French provincial pieces. The dining room has a colorful old wall paper in 18th Century hunting scenes, green woodwork and walnut furniture.

On one side wall is a provincial sideboard and hanging shelves holding a collection of old blue and white Lowestoft china. The rug has a black background with a formal pattern of gaily colored flowers.
A small morning room has wall paper in gray and soft pink, gray glazed chintz curtains with pink and gray fringe and French furniture in fruit wood. The sofa and Aubusson rug are in mulberry.

The walls are white in the breakfast room, with white curtains under painted canvas valances. The furniture combines early American and French provincial styles. Diane Tate & Marian Hall were the decorators.
Hybridizing Is an Absorbing Experiment Which Is Easily Made
And Yields Interesting Results

J. H. NICOLAS

It is not generally known that many of our best Roses have been produced by amateurs. Many a professional hybridizer has built his reputation on amateurs' productions which he has bought. It is a common practice abroad and is gaining ground in the United States, although here credit is generally given to the original raiser.

As a pastime for the amateur, hybridization is a natural sequel of the successful culture of Roses. The process is very simple, the thrills are many, the results at least interesting, the financial recompense variable. While Rose culture has limitations imposed by seasons, hybridization and its attendant operations sustain a constant interest that knows neither time-clock nor season.

Words fail me to picture the dreams of hope, expectations, surprises—yes, disappointments, sometimes despair—that are the lot of the hybridizer; and there is also an undiluted joy of living and desire to improve one's own novelties, with the possibility of erecting for oneself a lasting memorial. Who would know General Jacqueminot, Maréchal Niel, Mme. Caroline Testout, but for the Roses of these names?

Hybridization is a natural sequel of the successful culture of Roses. Its general application to the production of new Roses is comparatively recent, having been given its momentum in the early 19th Century when Empress Josephine built her Roseraie of Malmaison and surrounded herself with the elite of horticulturists of the day, urging them to take up Rose hybridization. Up to that time, novelties, few and far between, were obtained by planting a large amount of natural seeds of existing varieties and watching for possible variations due to accidental admixture of foreign pollen. Josephine's superintendent, André Dupont, is looked upon as the premier rosarian since he is reported as having been the first to have practiced hand pollination. It was said of him in a contemporary publication, "He is an enchanter who submits the Rose to his magic wand and forces it to undergo the most surprising and agreeable transformations." There were also Descemet, Vilmorin, Noisette, Cochet, Vibert, Prevost and others, some of whom carried on their work with financial help from Josephine's private purse, the forerunners of the great hybridists of our time.

We may understand the progress accomplished through hybridization when we know that Josephine's collection comprised 250 varieties while today the total nomenclature of the Rose reaches about 18,000 names, in which there are, of course, to be found many duplications.

Properly speaking, hybridization is the mating or crossing of two varieties through artificial means, generally by hand, in order to obtain seeds that will grow plants with mixed characters, or hybrids. Nature has but one law governing the reproduction of the species, be they animal or vegetal: the union of two life cells of opposite sexes. In the vegetal kingdom, some species have plants entirely either male (staminate) or female (pistillate); others have both male blooms and female blooms, and still others have both sexes in the same bloom. This last class is called hermaphrodite and it belongs the Rose.

The male organs of the

(Continued on page 210)
WHEN IT'S SPRING IN AN OHIO GARDEN

(Right) The delicately patterned wrought iron gate leading into the Rose garden of Willard N. Clapp, Cleveland. Ellen Shipman, landscape architect.

(Above) One of the features of the Clapp gardens is the wide perennial border with its Boxwood accents which encloses a turf panel and a simple pool.
The reverse of the view at the top of the preceding page looks toward the wrought-iron gate and the Rose garden. In the right background can be seen two interesting ovals in the fence.

One of the walks, shaded by fruit trees, is planted with borders for early spring bloom, such as iris, Peonies and Sweet Williams. At the extreme left can be seen part of a pool in the grass panel.

BEAUTY IN
SIMPLICITY
There is no more effective feature in the Clapp plantings than the naturalistic pool, which, with its irregular, flower-sprinkled outline and clear water, lies at the foot of the lawn.

The walk which passes by the pool is fittingly informal, as are all the plantings and other effects in this part of the grounds. In spring and early summer this spot is fairly alight with bloom.

ALONG THE POOL'S EDGE
In those most vibrant days of spring when new leaves cast soft shadows and the forest floor is a mosaic of greens, the Trilliums come into their own. Cool, pure and gleaming, straight-stemmed and courtsy in their perfection, they are the spirit and essence of the woodland's aristocracy.
MAY CALLS FORTH THE TRILLIUMS

The Garden in the Shade Profits Richly from the Presence

Of These Showy Native Flowers

LOUISE BEEBE WILDER

MAY is the month when the Trilliums, or Wood Lilies, come forth in the woods and open copses and with their grace and distinctive beauty charm the eyes of all who behold them. One or two species bloom in April, and one at least lingers well on into June, but for the most part May is their festal month.

I have often thought how great must have been the delight of the early settlers when first they came upon a colony of the great white Trillium, *T. grandiflorum*, gleaming in the shadows of some woodland glade. It is one of the most beautiful of our wildflowers and must certainly have been an object of interest and admiration to the colonists, for no Trillium is to be found in Great Britain or on the continent of Europe. Indeed, save for one or two Asiatic species, the tribe belongs wholly to North America, and one species or another is to be found in nearly every State in the Union. In the *Cyclopedia of Horticulture* twenty distinct species are listed; of these less than a dozen are in cultivation, and only two or three in what might be termed general cultivation.

Trilliums are essentially woodland plants, growing in situations where the soil is deep and rich and cool. Some are found along mountain streams or about springs, but they do not desire boggy conditions, though they are happy where the roots may go down to moisture. They are hardy perennials, growing from a tuberous root-stock and after flowering and seedling have been accomplished the stout stem and leaves die away, long before the frosts of autumn have signalled the time for general departure. As one writer has pointed out, the whole plant is curiously governed by the rule of three. The flower, sometimes on a short stem, again quite stemless, arises from a whorl of three leaves; it has three petals, three sepals, twice three stamens, three styles and a three-celled ovary. It is not surprising that one of its common names should be Trinity Flower. Country people call it Birthroot or Birthwort, and it has acquired numerous other pet names, none prettier than Wake-robin, which, however, it does not quite deserve, for no self-respecting robin ever awaits the flowering of the Trillium before making its eager appearance.

Trilliums are among the choicest and most lovely flowers that the countryside has to offer. It is not surprising that we should aspire to have them close at hand, in our gardens, for the woodland places where these flowers foregather have a way of receding, getting further and further away, so that to see them in their natural haunts means an expedition. I find that many persons are deterred from bringing Trilliums into their gardens, however, because of a belief that they are difficult flowers to grow. This is not at all the case, and it is quite possible for any one possessing a garden of whatever size to know the pleasure of going forth upon a May morning to seek Trilliums no more than a minute or two from his own front door. For while shade is a first necessity in their successful culture, one does not require a forest, and very happy colonies may quite readily be established on the north side of a boulder in the rock garden or in the north border, planted against the house or other building or wall.

I would urge, however, any one intending to plant Trilliums, thoroughly to prepare a place for them before the plants are received. Unless this be done, while they may give a gratifying display of bloom the first season, the plants will steadily deteriorate until finally they quite disappear. On the contrary, if proper provision for their comfort be made in the first place, the colonies will increase in strength and beauty year by year, and will require no great attention beyond the application of an occasional top-dressing of leaf mold and sand to keep up the fertility of the soil, and a covering of leaves in winter.

The happiest situation wherein to make a planting of Trilliums is a lightly wooded slope where colonies of the different species may be settled among such congenial neighbors as Ferns, Solomon’s Plume, Solomon’s Seal, Foamflower, Mitrewort, Bloodroot, Bellworts, yellow Lady’s Slipper, Violets and wild Phlox. Ferns seem their most natural companions. One of the

(Continued on page 194)
LILAC WILD AND OTHERWISE

For Six Full Weeks, If the Right Choice Is Made, This Worthy Tribe

Will Furnish the Garden with Bloom

ERNEST H. WILSON, V. M. H.
Keeper of the Arnold Arboretum

TWENTY-EIGHT years ago—in June 1901, to be exact—when hunting for plants on the mountains of central China, I chanced to gaze across a broad, noisy but shallow mountain torrent to its forest-clad farther bank and there beheld hanging clusters of rosy pink blossoms. With the aid of field glasses I noted that the leaves were simple and that the flowers were small, so the plant could not be a Wistaria. What could it be? It did not take long to wade the stream and investigate and to my surprise I found it was a Lilac, a Lilac with hanging clusters of flowers, something unheard of in the whole Lilac family! I gathered specimens, marked the locality and went my way happy at having made so remarkable a discovery. It was given the name Syringa reflexa a few years later.

In the autumn I revisited the place but the plant bore no fruits. In June 1907 I again waited on my Lilac, caught him in flower, but the autumn again showed no fruits. June of 1910 saw me on another pilgrimage to my Lilac friend. This time I was fortunate in taking a photograph of the shrub and in the autumn succeeded in securing a goodly quantity of seeds, for, as if to reward my persistence, the plant fruited abundantly. The seeds were freely distributed by the Arnold Arboretum, where a portion sown produced a number of plants. Some of these were planted and others distributed among friends. In every other garden, save the Arnold Arboretum, the plant immediately made itself at home. It has grown well and flowered freely since 1915. Under cultivation the flower clusters vary from eight to twelve inches in length and may be cylindric or much branched, suberect, nodding or quite pendant, as in the original plant I happened upon. The color is a rich reddish pink in the bud and rosy pink as the flowers open. The plant itself, when growing happily, is a vigorous, broad-topped spreading shrub fully ten feet high and as much in diameter with long, oblong-pointed dull green leaves.

That a Lilac so distinct should be welcomed by the hybridist is perfectly natural and, moreover, being a very hardy plant it possesses additional advantages. At the Central Experimental Farm in Ottawa, Miss Isabella Preston has succeeded in crossing this pendulous Lilac and S. villosa; the result has recently been named S. Prestoniae. This hybrid bloomed for the first time in 1924, the color of the flowers varying from pale to deep mauvish pink; spreading or nodding inflorescences are the rule. Miss Preston's success will no doubt be emulated by others and in the years to come we may enjoy a multitude of late-flowering Lilacs of this parentage even as we do forms of the Common Lilac.

This Lilac with pendulous flower clusters (S. reflexa) is but one of several Chinese Lilacs it was my good fortune to introduce into (Continued on page 180)

The French Hybrid Lilac Edith Cavell is a double-flowered white, whose buds are a pale sulphur color. It is one of many excellent forms derived from the Common Lilac.
From northern China comes Syringa pubescens, free-flowering and one of the loveliest of the race. Its blossom trusses are pale lilac, fragrant, and the flowers have dark violet anthers.

(Left) The last true Lilac to blossom is Syringa xianxing, a rather recent arrival from China. Its flowering season is followed by that of the Tree Lilac, a cascade of white flowers.

(Right) Dark red-purple single flowers are borne by Congo, one of the numerous named French hybrids developed from the Common Lilac. A wide range of colors is found within this group.

(Below) About two hundred named varieties of the common Lilac are growing in the Arnold Arboretum. This border planting between a walk and driveaway shows a portion of the collection.
A MANTLE of imposing color spread over a compact mound of graceful grass-like foliage—such is the Daylily (Hemerocallis) of the flower garden. On a well-established plant, numerous flowers open in succession day after day to continue the canopy of color throughout a rather extended period of bloom. A proper selection of varieties will provide these islands of color in the garden continually from early May until late August.

Upon close inspection, the individual Daylily flower reveals a rare beauty in richness and abundance of color and an exquisite grace in form. The green foliage comes early in spring and holds its place attractively throughout the season. With many of the best varieties, new leaves continue to appear and the foliage is freshly green until the freezing temperatures of autumn arrive. In the different varieties there is a wide and pleasing variety in size and habit of growth. There are Daylilies all the way from dwarf forms only a few inches tall to those whose flower stalks rise to a height of six feet; but it is to be noted that at the present time the best varieties range to a height of about four feet. Furthermore, all of the Daylilies are among the hardest of perennials. They thrive in an ordinary flower garden without special care or attention. Garden weeds cannot crowd them—cannot compete with their compact and sturdy habits of growth. The fleshy roots of Daylilies withstand and defy ordinary periods of drought. The home gardener may take a vacation in summer without fear that his choice Daylilies will suffer for want of care. No garden plant is more reliable, more self-sufficient.

As a group the Daylilies are remarkably free from insect pests and fungous diseases. The virus diseases so destructive of the Lilies (Lilium) apparently do not attack Daylilies. Year by year the plants spread compactly in circumference through the extension of creeping rhizomes or of short branches, the total number of flower stems and flowers increases proportionally. A plant may readily be divided and transplanted at any time, whenever the need arises. With such an array of worthy qualities the Daylilies rank as most desirable plants for growing in the flower garden.

Color is a primal quality in any flower. In Daylilies color is a dominant feature both in quality and quantity. The basic colors are yellow, orange and red.

In the older types that come to our gardens as species transplanted from the wild, yellow and orange predominate. There is the pale lemon yellow of Thunberg's Daylily (Hemerocallis thunbergii), a somewhat deeper shade of yellow as in the Lemon Daylily (H. flava), the shades of orange in flowers of H. dumortieri and H. middendorfii, the delicate combination of orange and a thin fulvous red overlaid seen in H. aurantiaca, and the still darker and more copious fulvous red which characterizes the old familiar type H. fulonion Europa.

Especially have the shades of yellow and orange of these original types been somewhat extended in varieties produced by breeding that are already available in the trade, such, for example, as Apricot, Luteola, Shirley, Yellow Hammer, Sovereign, Gold Dust and Tangerine.

But there are still greater diversity and a much wider range of colors in the seedlings that have recently been obtained in breeding. In some of these the flowers are a very pale lemon yellow that approaches white and gives hope that a pure white-flowered Daylily may yet be produced. There is practically every known shade of yellow and orange, and the red colorings include not only the fulvous shades intensified to more copious darker red but also some entirely new colorings of bright red and delicate pink.

There are several elements in the coloring of flowers of Daylilies and several aspects in the distribution and development of these elements.

The plastids and pigments which are responsible for yellow and orange effects lie in the inner tissues of the flower, and when these exist alone there are clear colors usually of one shade and rather uniform throughout. When there is also a smooth glassy or waxy surface there is an air of depth, purity and solidity to the color. Among the various wild species this is perhaps best developed in H. dumortieri.
Maggie Perry, one of the newer varieties, is really star-like. Its color is cadmium yellow at the throat, running out in stripes of fulvous, brownish and red pigments chiefly in the surface layers above the yellows and the oranges with which they blend and for which they act as filters. They tend to be absent or weakly developed in the throat of the flower and to develop best in the outer two-thirds of the inner surface of the opened flower. In the banded pattern the red is most intense in a zone just outside the center of the face of the flower. Frequently the petals are more strongly colored than are the sepals, and when this difference is extreme the flowers have a distinctively bicolored aspect.

When the petals are thin and somewhat transparent the red coloring, if present, is often most intense in veins which are either parallel or interlacing.

The inner surface of the flowers of various Daylilies has a velvety aspect due to epidermal cells which project into the air as tiny finger-like elevations. This gives depth to the coloring by increasing the surfaces for dispersion and reflection.

Still another important element of color is produced by bundles of minute needle-like crystals that lie in the (Continued on page 202)
ENGLAND'S GARDENS OVERSEAS

To the Farthest Flung Corners of the Empire English Garden

Lovers Carry Their Passion for Flowers

MARION CRAN

GARDENS over-the-sea-and-far-away have a magic often unsuspected at first blush of meeting. Sophisticated travelers, accustomed to the mellowed traditional gardens of England and aware of the great movement toward flower growing in its cities, are inclined to look lightly upon scattered gardens in remote and sparsely populated lands. Only under close observation and after intimate acquaintance does the essential difference between Britain's gardens and those of the Colonial possessions reveal itself and is the vital charm of the latter brought to light. Where ignorance of climate and general conditions makes the whole game a struggle results are particularly to be appreciated.

Thoughtfully surveyed, the position is really a curious one. Much in Nature's rhythm escapes the ear of today, yet never perhaps in any of the prior civilizations has there been one in which the troubled ear of humanity has strained in a more humble and universal effort to catch the life-beat in the great heart of the soil.

Town dwellers, herded close in the industrial cities of England, have their Garden Guild, under the banner of the National Gardens Guild, to help them in the planting of window boxes, yard gardens, bulbs indoors and little front door gardens. Every newspaper has its "Today in the Garden" paragraph, each weekly and monthly its garden editor and garden page. Informative garden talks are broadcast regularly. Learned horticultural periodicals and popular garden magazines are plentiful.

The way to garden knowledge has, of course, been made too easy. People are warned to plant, let us say, Primulinus Gladioli at a certain time. They write to a nurseryman or visit the nearest seedsman's shop for corms, plant them conscientiously according to instruction, and enjoy their bloom—but seldom does the vision of those delicate flowers in their native habitat come to their minds as they so easily garden. Never do they see in dreams the swaying Gladioli among the grasses of the African veldt, or experience anything approaching the joy of the great engineer who first found that yellow-hooded one in the mists where the Zambesi throws itself headlong over a cliff and breaks into a million raindrops. The "Maid of the Mist" they called the delicate yellow Gladiolus he sent home to England. It is the ancestor of our loveliest Gladiolus race today.

These new gardeners plant the multi-colored hybrid Primrose in cool soil on shady borders as they are told, but do not trouble to visit the lanes where it grows in wild contentedness under last year's Oak leaves, wherever a bed of leafmold has rotted in a kind, shady place, wherever the lime-hating shrubs abound. What they do is done blindly, without a foundation of shrewd observation. A good gardener is a self-made one.

The joy of the collector who finds a new species in some wild unspoiled place—the long patient task of hybridization, the thrills of experiment and acclimatization are very far from these spoon-fed gardeners.
of the Motherland who, with all their zeal, remain unaware of the pathetic quality in their communion with Nature.

Those who garden in the farther lands of the Empire have all the pleasure of a quest with them still. Romance is living yet in gardens where people cannot work by rule of thumb, where all is to learn and to do, where the beginner is not tyrannized by “now is the time to”. In time, of course, the way will be mapped out for those gardeners, too, and the last fastnesses of happy ignorance will be left only, perhaps, upon the mountain-tops or in green glades under the sea. But by that time we may have learned the road to Mars and have new worlds to conquer, new mysteries to solve, new soils and climes to study!

The colors of gardens under the Southern Cross are impossible of realization by the people of the North; words can convey but little of their striking beauty. Of little avail is it to endeavor descriptions of the amber and orange of Cannas against a rich wine-red Hibiscus, the heavy-scented waxen Gardenias or flame-red Poinsettias. The ebb and flow of Moonflowers at dawn and dusk, poured out streams of *Bignonia venusta*, “the golden shower”, passionate draperies of Bougainvillea in orange, red and purple, blue mantles of *Petrea volubilis*, and the festooned mauve of the Jacaranda trees, lovelier than any Wisteria, would tax the descriptive powers of the most gifted minstrel.

Whatever else they may lack—and they do miss much that English and American gardeners take for granted—the gardens of the younger nations do not lack for inspiration; they are made by eager amateurs who have boundless enthusiasm and are created as full of character as of color.

The three most important things to learn in starting a garden in a new country are the climatic and soil conditions and the facts about local labor. In Canada, Australia and New Zealand the last is mostly a question of the household, for labor is white, expensive and scarce. In other lands there is the native to count upon—the much-derided native who is the most admirable help to those who trouble to understand and treat him well. This is not always a simple matter, for the various races have their different characteristics. A Basuto will make a better gardener than most Zulus or Matabeles. For those who can afford him, the Chinaman is the best gardener in the world. A Tamil

(Continued on page 188)

The native wildflowers of South Africa contribute generously to our own flower lists. They are constantly being improved. In the view above they are seen in their native habitat

The English resident's first instinct is to make a garden, and the outposts of the British Empire are marked by them. This is part of the Residency garden at Maseru, Africa.
This log cabin stands among trees on the edge of a forest preserve twenty-five miles from the heart of Chicago. It is the summer home of Lewis Barker and was built for him by C. S. Johnson.

**A PIONEER HOUSE WITH PLUMBING**

*A Log Cabin, Twenty-five Miles from Chicago, Combines Primitive Outdoor Features with Modern Indoor Comfort*

**ANNE FORESTER**

**BEFORE** the days of sawmills, brick kilns, or cement mixers, man turned to the forest when he wanted to build a home. These log houses were constructed for shelter and protection and the aesthetic found no place except as it expressed itself through natural things for natural needs. Inventions of man having kept pace with complex living needs, the simple log house has grown into a vast beehive of steel, brick and concrete, with a resulting divorce from privacy, peace and personality. This condition obtaining today, it is a matter of note when a man desires to return to the primitive, and builds a log cabin in the manner of our ancestors, eliminating the inconveniences of early pioneer days and adding grace to the solidity of cabin construction.

The high cost of logs and the disappearing knowledge of cabin building, however, have resulted in a dearth of men who understand this type of house. That such an one could be found made it possible for a young Chicago manufacturer, retired temporarily through ill health, to go back to nature and live an outdoor life with indoor comfort, and led to the building of the cabin illustrated in this article.

This cabin is fittingly placed among trees in a fifteen acre area adjoining a large forest preserve twenty-five miles from the heart of Chicago. Mr. C. S. Johnson, who has had a great deal of experience in log cabin building, supervised its construction. He is a woodsman with abounding faith in the far-reaching influence of this type of building. His own words, part of which are quoted, are enlightening: "For you and your family, I hope the log cabin will always be what you conceived it to be—more than a shelter. My standard, in embarking in the enterprise of building log cabins, is that these should not be oddities, but sanctuaries or retreats wherein the owner may find seclusion and peace. Someone has said not everybody can afford to have a good log cabin and I say that not everyone deserves one. Log houses are designed and built with regard to the purpose desired; they exhibit character, and to a certain degree they will breed character. My sole guide so far has been practical experience and contact with nature."

While the owner and the builder were painstakingly bringing into existence this ideal cabin home, the decorator was in Europe in pursuit of the elusive antique for several other decorative schemes. But the cabin constantly obtruded itself. One can

(Continued on page 166)
This cabin has none of the inconveniences that characterized the pioneer log houses. Modern comfort is found in overstuffed chairs, in conveniently placed furniture and in up-to-date equipment.

(Below) Bunks in the main sleeping room are covered in purple and white hand-woven spreads. Curtains are of a Java print with a yellow ground that tones in with the red cedar logs.

(Left) The colors of the main room are from Indian rugs—red, orange, black and gray. Cream colored linen banded and banded in red makes curtains and table linen. Anne Forester, decorator.

On the wall under the stairs hangs an Indian tapestry in black, gray, white and red. The chaise lounge in this group is Italian woven, the table and chairs early American pine and the rug Indian.
Fashioned after the pattern of the river houses along the Seine's banks, the week-end house of John Emery White, at Talmadge Hill, Conn., stands on a rocky knoll overlooking a wide brook that runs into the mill pond beyond.

The house is painted pale lemon yellow with jade trim. Window frames and trellises are black. White porcelain Normandy cats in fantastic attitudes crawl up water pipes and along the roof edges spying on porcelain birds.
AS FOUND
ALONG THE SEINE

Where the stone crops out, a number of informal rock gardens surround the house and spread from the driveway steps. Other colorful flower beds lead up to the stone tea terrace that overlooks the mill pond set below the house.

The terrace and the porch afford ample room for outdoor entertaining. Here the colors are gay —awnings and table umbrellas in tones of yellow, orange, jade, green and black, withicker furniture and flowers in abundance.
About the living porch of the Morris L. Cooke residence at Chestnut Hill, Penn., runs this narrow, brick-paved walk, bordered with squared grass plots and enclosed by a high wall laid up in the natural ledge-rock of Pennsylvania. Walter T. Karcher and Livingston Smith were the architects.
THE DOVECOTE DOORYARD

House walls of roughly dressed ledge-rock in the Cotswold manner, Tudor detailed doorway and windows, and a thatch-roofed dovecote lend to this flagstone-paved dooryard the atmosphere of 15th Century England. Other photographs of this house are shown on the two following pages.
(Left) The massive front door of the Cooke house opens into a small paved hall whose walls are of masonry and rough plaster. The narrow doorway shown leads to the basement.

A particularly outstanding feature in the appearance of this house is the mellonness, as of age, which has been achieved by the excellent textural treatments of both walls and roofs.

A PENNSYLVANIA HOUSE
The first floor study is an intimate apartment with plaster walls and a ceiling whose paneling is made from two Spanish doors. Old linen-fold paneling is used as an overmantel.

As one end of the entrance terrace is the garage, presenting an extremely picturesque facade. Above the motor space is the chauffeur's apartment, reached by an outside stairway.

On the second floor of Mr. Cooke's house are six bedrooms, a study and four baths. The master's room connects with a smaller one. Walter T. Karcher and Livingston Smith, architects.
In design the Winnelka, Ill., home of Ralph D. Huszagh shows evidence of French inspiration. The walls are of whitewashed brick and stucco and the roof is covered with wood shingles. Huszagh & Hill were the architects.

The entrance hall opens only to living room and stair-hall, which also is used as a passage to the dining room. On the upper floor are located three master bedrooms, a dressing room, two baths and a maid's room and bath.

ADAPTED FROM THE FRENCH
THE DOUBLE HOUSE

The man who has a house-side pool has two houses—a house in which to live and a house of shimmering and illusive dreams. Such is the home of William H. Albers at Cincinnati. Bloodgood Tuttle was the architect and Albert D. Taylor, landscape architect.
The rear facade of Henry Clark Bridgers' Georgian residence at Tarboro, North Carolina, facing upon a motor drive, achieves a distinction almost equal to the front. A house-depth hall connects the front and rear entrances.

Spacious, well-proportioned rooms make up this house. The living room opens upon a large glassed-in sun porch with fireplace. Service wing and garage are not visible in the photograph above. Dwight James Baum, architect

GEORGIAN for CAROLINA
Sloping roof sides contrast pleasantly with the flat terrain of the house site and give accent to the horizontal effect created by the long range of second story windows and the repeated lines of the cornice.

Seen against the red brick walls the white painted trim of the various details is extremely effective. Well-considered shrubbery plantings soften foundation lines and relate the house to its site.
The residence of Frank C. Root at Greenwich, Conn., is a Colonial house built fully two hundred years ago. It has lately been enlarged and restored under the general direction of William F. Dominick, architect.

All of the interior timbering and floor boards date from the time of the original house. The distinctive living room mantel at the left was designed by Mr. Dominick to replace an early one which had been destroyed.

AN EARLY COLONIAL HOUSE RESTORED
Soft yellow and blue are the dominating colors in the bedroom. Curtains and wall paper have blue figures on a yellow ground. The bed niche is painted blue.

Another view of the combination living and dining room shows how well the architect has kept the Colonial spirit. The cupboards were especially designed.

RENEWING THE LIFE OF OLD TIMBERS
The modern furniture shown in these rooms is well designed, simple in line, with an interesting fluted base. In this scheme it is old white and gold with black knobs.

The color scheme of this summer bedroom is coral, yellow and beige. At the left is the curtain material—a modern hand-blocked voile patterned in deep coral on a beige ground.

(Right) A modern wall paper with shaded yellow ground and leaves in deep coral, with touches of lavender and green, gives character to this summer bedroom. From Thibaut.

(Above) The material used for the bedspread and chair seat is a moire stripe in beige and light and dark coral color. The furniture and fabrics illustrated are from R.H. Macy & Co.
In this scheme the same bedroom furniture pieces are used, painted apple green with a darker green trim and base. Here the walls are painted in pale gray with doors and window trim in green.

Below is the glass curtain material – modern voile with chartreuse yellow ground and designs in brown and yellow. The pattern is printed horizontally, necessitating double or triple curtains.

A rayon and cotton plaid colored in orange, green, tan, and yellow is used to cover the cushions on the chair and dressing table bench.

A modern damask in shades of green, with touches of blue and silver, is used for the spread. Fabrics and furniture from Macy.

WITH MODERN PAINTED FURNITURE
Above is a gay slip cover using both plain and figured materials. Ruffle and cushion are of dark blue glazed chintz with rose red flowers; chair of blue chintz piped in red.

(Left) A chaise lounge cover in a room with flowered wall paper is yellow of sunfast cotton material in narrow, self-tone stripe. Bands and cordings are of turquoise glazed chintz.

GAY COVERS FOR SUMMER FURNITURE

Slip covers of semi-glazed percale printed in moire design are especially interesting when used with figured chintz hangings. As the left is shown an example in blue and white.

An armchair for a man's room might well have a slip cover of linen in two shades, using the darker tone on seat and back. The graduated flounce is trimmed with darker bands.
(Above) In this attractive group the chair has a slip cover of canary yellow taffeta, hand quilted. A plain fabric is used here on account of the figured wall paper and screen. Pierre Duels, decorator.

Beds with head and foot boards upholstered in brocade should be protected in summer. (Below) Plain color quilted cotton or linen covers on head and foot boards; spread to match, with toile de Jouy flounce.

An overstuffed living room chair may be used on a porch if protected by a durable slip cover. (Above) Coarse linen in colorful stripes has been used to make this slip cover which has an interesting laced closing.
NEW MAPS FOR DECORATION
A map of New York, Long Island, and the Coast of Connecticut in the days of the Revolution was compiled from contemporary records by Coulton Waugh. This may be had in black and white, or tinted and antiqued. Childhood, Inc.

No Early American interior should be without at least one of these reproductions. Cape Ann and the North Shore (left) and Cape Cod (above) were both designed by Coulton Waugh to depict maritime development. Childhood, Inc.

REVIVING OLD DOCUMENTS
The GARDENER'S CALENDAR for MAY

This Calendar of the gardener's labors is intended to serve as a guide for taking up all his tasks in their proper seasons. It is suited to the climate of the Middle States, but may be made available for the whole continent if, for every one hundred miles north or south, allowance is made for a difference of from five to seven days later or earlier in the time of carrying out the operations. The dates are for an average season.

FIRST WEEK

FROM now until the close of the season, regular weekly cultivation of all planted soil will be an important activity in every well-kept garden. It makes no difference whether you are growing flowers or vegetables, the advantages will be the same—better root development because the soil is kept loose and friable, better development above-ground because the entire plant is healthy and well fed, and practical immunity from weeds. So cultivate thoroughly, early and late, at least once a week. By this time, also, most of the young flower and vegetable plants which were sown early in hotbed or coldframe should be well started on the hardening off process which necessarily precedes their migration to their permanent places in the garden. In this process of hardening off, you will be gradually acustoming them to more and more fresh, open air for a week or so you will avoid the shock of moving them suddenly from protected conditions to full exposure.

In the rock garden there is generally a good deal to do this week. Young, but aspiring weeds may be necessary. Eroded the soil and perhaps even the slopes where the spring rains have run.
How the hostess gives charm to her table!

In the subtle art of entertaining, Campbell's famous French chefs are valued lieutenants. Especially when the hostess delegates to them the blending of a Pea Soup which will give the exact note of dainty charm.

Delicate and exquisite in flavor, yet splendidly nourishing as such a soup should always be, Campbell's Pea Soup is a favored social selection.

Puree of the sweetest little peas is enriched with nutritious creamery butter and seasoned to an irresistible perfection in Campbell's Pea Soup.

Prepared with milk or cream instead of water, Campbell's makes the most delicious Cream of Pea Soup imaginable. And there are 20 other Campbell's Soups listed on the label for your selection. 12 cents a can.

WITH THE MEAL OR AS A MEAL SOUP BELONGS IN THE DAILY DIET
“Now Peter—first they all must be Vernaxed”

Before you put the furniture back into place, go over each piece thoroughly. Have you used Vernax before? No—I hadn’t discovered it myself when I opened the house last summer. But now I use it all the time in town, and you’ll soon like it as much as I do.

“You’ll find it gets better results than anything you’ve used—and it’s easier on your arms and back! First you put some on a clean cloth—don’t use too much . . . : it’s very rich and creamy. Rub it in well—you’ll see from the dirt on the cloth how well it cleans the wood. On very bad places, dab some Vernax over the surface and leave it awhile, then rub it off the same way.

“After you’ve given this first rub, take a clean cloth, without any Vernax on it, and go over each piece again. You don’t need to work and work over it, the way you used to do—this second quick rub brings out the natural lustre. Hereafter the furniture will have to be Vernaxed only once a week.

“Here’s the bottle—Got your cloths? All right—you don’t need me to supervise you. Just let me know when you’re ready to do another room.”

To prove the efficacy of Vernax* (distributed by Schieffelin & Co. for Arthur S. Vernay, expert in fine woods), pin a dollar bill to the coupon for an 8 oz. bottle, or send 10¢ for a trial size.

Vernax Furniture Cream

Sold through Department, Hardware, Drug and Furniture Stores—60¢ and $1.00 a bottle.

*Reg. Trade Mark
Laboratory of Schieffelin & Co.,
20 Cooper Square, New York City

I enclose $1 for 8 oz. bottle (to be shipped through my dealer).
I enclose 10¢ for trial bottle.

Name ...........................................
Address ......................................
Dealer’s Name ................................
Dealer’s Address ............................

Above is an unusual slip cover for small chairs, of plain and flowered chintz. The silk dressing table drapery is protected by an organdie cover.

FABRICS FOR SLIP COVERS

(Above) Old-fashioned calico, machine quilted, makes interesting slip covers. Wide color range.
McCutchecn

(Below) Latticed glazed chintz with small flower design has brown, green, light or dark blue ground.

(Center) Heavy linen in antique weave for curtains or slip covers. Wide color range.
Chandler Ireland

Modern chintz with moon design in brilliant orange, black, lavender and green. The Chintz Shop
Have you thought about a permanent towel trousseau for your bathrooms?

Do you ever stop and count up how many bath towels, face towels, hand towels, wash cloths and bath mats it takes every week for your family, your guests, your maids? Do it: then double that number, and allow extra items for emergencies.

It makes a good many, doesn't it? Yet with Cannon towels you can have all the towel equipment you need. You can have towels you are always proud to see in your bathrooms, towels that wear wonderfully well. And you can buy them at astonishingly reasonable prices.

Here is an estimate of the number of towels needed for a bride's trousseau, figured for a six or eight room house with two bathrooms, and a maid's bathroom.

**Towels for family and for guests**
- Bath, 1 dozen fine
- \(1\frac{1}{2}\) dozen heavy service
- Small hand, 1 dozen
- Small face, 3 dozen
- (many people like the same color but a different design for each member of the family)
- Bath mats, 4
- Bath sheets (European type), 4
- Face cloths, 2 dozen

**Towels for maid (desirable to have these in special colored border)**
- Bath, 1 dozen heavy service
- Wash cloths, \(\frac{1}{2}\) dozen
- Face, 1 dozen medium service
- Bath mats, 2

About a hundred! Ample—generous—but not lavish. You might require more or fewer things for your permanent towel trousseau. Salespeople in department stores and drygoods stores everywhere will gladly show you Cannon towels. . . . You will find designs as Modern as the most Modernistic Bathroom, conventional stripes and decorative borders too. Cannon colors, rose, turquoise, jade, peach, maize, orchid are guaranteed absolutely fast. Cannon prices range from 25c to $3.00, depending on sizes and weights.

* * *

Cannon Lavender Lawn is a textile achievement, the finest cotton sheet in the world woven of real Egyptian cotton, famous centuries for its long staple. . . . It is packed scented with Yardley's English Lavender. Average size in white sells for about $5.00 each.

Cannon Linen is a wonderfully substantial sheet, and a very fine buy. Average size in white priced about $1.75.

Cannon Muslin is an exceedingly satisfactory service-weight sheet. Average size, white, about $1.50.

All three gravies are made plain and hemstitched, in snowy white, orchid, canary yellow, sea-shell pink, nile green, azure blue and peach.

These newest Cannon towels are reversible. There is no "wrong side." The smart colorful patterns show clearly on each side of the towel. In six new colors—rose, turquoise, maize, peach, jade and orchid. Cannon prices, even for these new towels, are amazingly reasonable. From 25c to $1.50.
To Lovers of
Gracious Living

Wall paper made by the Thomas Strahan Company has been used for two generations by people whose homes were planned for gracious, pleasant living. Modes of decorations come and go, but beautifully designed wall paper will endure long after fads of the moment have grown tiresome and been laid aside. Appropriate paper for any room in a wide variety of charming colors may be found in the distinguished collection of the Thomas Strahan Company.

Ask your dealer or decorator to show you Strahan Papers.

THE ADAM

How many minutes have been danced against such a dignified background as this medallion paper affords. The delicate lines and the balanced proportions blend especially well with furniture of classic design. Width of paper 30 inches.

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Chicago Showroom
6 NO. MICHIGAN BLVD.

Toile de Jouy wall paper in green and white, green carpet and French chairs and day bed painted old white are features of this bedroom. Pierre Dutel, Decorator

SCHEMES FOR SUMMER ROOMS

Colorful scenic paper makes a distinguished background for Georgian furniture in this library which was decorated by Pierre Dutel

As a change from chintz this country house bedroom has soft taffeta curtains edged with gathered ruffles. The chaise longue cover is toile de Jouy, bringing a pleasing note of design. Diane Tate and Marian Hall, decorators.
May, 1929

More exquisite than Words can tell...

this lovely new pattern in Sterling Silver

These stores will be pleased to show you the GRANADO pattern

Albany, N. Y. — THE VAN HUTTEN CHARLES Co.
Atlanta, Ga. — MYRON E. FREEMAN & Bros.
Baton Rouge, La. — J. J. SCHALL & COMPANY
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Portland, Me. — A. M. MILLER & CO.
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Rio Grande, N. Y. — SPRAGUE & BROTHERS
— SPELLING'S
Rockford, Ill. — E. J. SHWOR
St. Louis — HESS & CULBERTSON JEWELRY Co.
Salt Lake City, Utah — BARTLEBY PARK, INC.
San Antonio, Texas — E. HERITAGE JEWELRY Co.
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Springfield, Ill. — JOHN W. FEE
Springfield, Mass. — THOM BROTHERS
Tampa, Fla. — ROSEFIELD-KANE JEWELRY CO.
— OWEN-SUETER JEWELRY CO.
Towson, Md. — GREENWOOD & ADAMS, INC.
Tulsa, Okla. — SANDERS BROS. & CO.
Washington, D. C. — J. H. HARDY & COMPANY
Woburn, Mass. — CLARENCE A. WHITE
Winston-Salem, N. C. — BANKS & BRYAN
— RAYBAND, N. S.

Only a partial list of cities and stores where the GRANADO pattern is being presented can here be given. If the name of your favorite shopping place does not appear, please write us.

At any of the jewelers listed, you may see and examine at your leisure the GRANADO pattern. You will be welcomed as a visitor, whether or not you may be a purchaser at just this time. And we know you will thoroughly enjoy becoming acquainted with this latest creation in lovely Sterling.

Send today for a copy of the GRANADO Brochure, which awaits just your request.

ROGERS, LUNT & BOWLEN CO., Silversmiths
GREENFIELD

Member of the Sterling Silversmiths Guild of America
What is Modern Furniture?

The designs of Danesrsk furniture are developed with a definite conception of what is most truly modern in home furnishings.

We believe that nothing—be it art, literature, or furniture—can survive from the past unless it has some real meaning in our lives today.

This is true of antiques. The finest are, in a sense, the most modern; they have a beauty which lives today. Otherwise nothing in furniture would become antiquated, and much more has vanished into righteous oblivion than has survived to become priceless.

Every Danesrsk piece, original or period, is designed and made with this thought: that its character, its grace, its comfort must be in harmony with the modern art of living, must bring an intimate and lasting charm to your home.

We believe you will sense this creative spirit the moment you step into our showrooms. And here you will find a lovely collection of individual pieces and related groups for every room in the home.

DANERSK FURNITURE

ERIKSKE-DANFORTH CORPORATION
Designers and makers of choice furniture

NEW YORK: 383 MADISON AVE. CHICAGO: 620 N. MICHIGAN AVE.

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LOS ANGELES: 2569 WEST 7TH STREET
BOSTON: 332 NEWBURY STREET
Cleveland: 11129 EUCLID AVENUE

SCHEMES FOR SUMMER ROOMS

This wall paper is a Long Island country house of egg plant color with design in yellow, magenta and green. The woodwork is pine, and the carpet bottle green. Diane Tate and Marion Hall, interior decorators.

A slip cover of sunfast cotton in a narrow self rose stripe is used as contrast to floriated chintz hangings.

A cool color scheme distinguishes this modern room. The wall paper is gray and green; the furniture is two shades of gray with green satin upholstery piped in black. Black carpet. Pina Hoffman, Inc. Decorators.
Decorative expressions of today, these tea services in the modern manner are ideal from the practical point of view for use in dinettes, breakfast nooks, on little tables, or for tea wagons. They are easy to care for and take up little space. The tea services above and below are made by the Wirex Silver Plate Company Division.

A SIMPLICITY at once classic and modern marks the new hollowware in International Silverplate. Whether your taste dictates the sophisticated severity of the newest silver, or the gracious elegance and formality of Period designs, you may choose International Silverplate not only with certainty you will secure harmony of shape and pattern, but also a service thoroughly in keeping with the fine old traditions of silversmithing.

Twenty-first century craftsmen have simplified silverware to suit the needs of today, making it beautifully appropriate for modern apartments with smaller rooms, where an effect of spaciousness is desired, although space is at a premium. New designs of International Silverplate are in no sense "experimental." They are creations of practical designers who have sensibly studied the decorative trends of our times.

International Silverplate does not go out of fashion. Platters, vegetable dishes, tea services are ideal gifts. They last and are in style for a lifetime. They are guaranteed by a maker whose name has long represented high quality and fine workmanship; yet they are not costly.

When the dealer tells you that silverware is an INTERNATIONAL brand you are assured of value. Should he not have the particular piece or pattern wanted, he can get it for you. For illustrations of a wider variety of such goods, as are shown on this page, write for booklet No. HW-134.

Address Dept. E, International Silver Company, Meriden, Conn.

Matching the well-known flatware patterns

In addition to designs as illustrated, special patterns are made to match the knives, forks and spoons of the well-known brands of 1847 Rogers Bros., Holmes & Edwards and Wm. Rogers & Son.
Perhaps you have heard them, the tales of ancient Sardinia . . .
sparkling with the audacity of her brigands . . . glowing with the
brilliance of her religious festivals . . . all tinged with a gorgeousness
of color—the rich, vibrant color that is her true personality . . . they
have been famous for centuries.

Today these same captivating colors are found in the newest
Orinoka drapery fabric—"Carnival Chenille." It makes draperies
that are gay with the radiance of Italian sunshine. Upon a linen-
colored ground, chenille threads in perfect Sardinian colors are woven
into a smart, square design.

This fabric is especially effective in a sun-room, for light brings out
the splendor of it. And then, because it is sun and tublfast, neither the
brightest sun nor washing will fade it. The colors are so nicely varied
and the design so simple, that they blend perfectly with other furnish-
ings. The texture is fine and sturdy.

Ask to see Orinoka Guaranteed Sunfast Carnival Chenille, No.
2886. If you will mail the coupon below, we shall be pleased to
send you a copy of the Orinoka booklet. It is full of practical sug-
gestions for draping windows, and illustrates room interiors and new
fabrics in full color. It is free.

THE ORINOKA MILLS, 215 Fourth Avenue, New York
Please send me, without charge, the new 24-page Orinoka booklet, "Color, the Secret of
Beautiful Homes."

Name______________
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Guarantees: These goods are guaranteed absolutely
fabulous. If color changes
from exposure to sunlight or from washing, the mer-
chandise is hereby authorized
to replace at no cost or refund the purchase price.

Orinoka
Modernism in jewelry today demands that precious stones be cut with sharp angles and long slim facets. And, certainly, these new cuttings . . . the baguette, the trapeze, the parallelogram, the triangle, and the half-moon . . . reveal a hitherto undiscovered beauty in the diamond.

BLACK STARR & FROST
JEWELERS IN NEW YORK FOR 119 YEARS
FIFTH AVENUE, CORNER 48TH STREET, NEW YORK • • • PARIS • PALM BEACH
"Despite the fact that I am always supposed to be funny, it was not until recently that I could see the fun in driving a car. Bumps and holes in the road used to come from nowhere just to get a shot at me. But all that is over now. I have just equipped my car with Miller Tires. It's the greatest feeling in the world—I'm riding along on smiles, sunshine and music. I sure was pleased to meet you, Miller Tires."

EDDIE CANTOR.

"I sure was pleased to meet you, Miller Tires"

EDDIE CANTOR

If ever a tire was manufactured to justify the confidence of its users—Miller is such a tire.

If there is a tire of longer mileage on the market, the Miller Test Fleet has failed to find it. They drive year in and year out—not only Miller Tires, but all tires—in their relentless search for improvement.

If there is a tire that can better resist the hard usage common to the new-day driving conditions, they have not found it.

If there is a tire built that can give you greater safety of travel, they do not know about it. And their safety tests include non-skid effect, freedom from the puncture and blow-out hazard, strength to resist stiff jolts and blows from stones and rough roads.

And the engineers who build Miller Tires are just as searching in their efforts toward improvement. They know of no better materials than those employed in the making of Miller Tires. No richer, broader experience than theirs is available to any tire manufacturer.

Thus it is—that Millers are able to justify, during a longer period of service, the confidence and enthusiastic praise of all who use them.

Thus also—that Millers are conceded, by the vast majority of automobile owners, to be among the very few best tires manufactured today.

MILLER

TIRES
BATHING WEAR
TUBES
SHUGLOV FOOT-GEAR
ACCESSORIES AND REPAIR MATERIALS
RUBBER BALLS AND TOYS
DRUG SUNDRIES
MOLDED RUBBER GOODS
When Cadillac Makes Such A Statement You Know It

Is So . . . Cadillac can honestly say that in twenty-three years it has never exaggerated or over-emphasized and Cadillac can still truthfully, honorably say: There are no motor car manufacturing plants in the world in which every other consideration is so completely set aside for the attainment of the highest possible quality and precision as the magnificent manufacturing laboratories in which Cadillac and La Salle are produced.

With the wealth of surpassing new engineering and manufacturing refinements in today's Cadillacs and La Salle, it becomes more obvious than ever before that if you want the kind of luxurious motoring that Cadillac provides, you simply must drive a Cadillac or La Salle. Three new safety features incorporated in both Cadillac and La Salle would, for themselves alone, lead you to these cars to the exclusion of everything else on the market: The new Cadillac-La Salle Syncro-Mesh Silent-Shift Transmission; the Duplex-Mechanical System of Four-Wheel Brakes; and Cadillac-La Salle Security-Plate Glass in all windows, doors and windshields. * Prestige, beauty, long life, brilliant performance—these you know Cadillac and La Salle possess. Now have these newest features explained to you, and experience them for yourself. Drive a Cadillac or La Salle, and see if you can find their equal elsewhere.

La Salle is priced from $2295 to $2875; Cadillac $3295 to $3995; Fleetwoods up to $7000—all prices f. o. b. Detroit. Cadillac-La Salle dealers welcome business on the General Motors Deferred Payment Plan.
THE ° PERFECT ° ENSEMBLE

VITAL...IN YOUR SILVERWARE
AS IN YOUR PERSONAL WEAR

"My dear! Imagine this! Mrs. Llewelyn Jones appeared at her dinner party in an exquisite formal dinner gown, but with sport shoes and gypsy jewelry!"

Fantastic? Yet hardly more so than a formal dinner with the table silver all at discord—the tea and dinner ware in one pattern, jangling with the spoons, forks and knives in another.

Today, the "Ensemble Idea" is the mode, in silverware as well as in frocks... Which is another big reason for choosing 1847 ROGERS BROS. Silverplate. For it affords unlimited pattern matching.

Start with the PIECES OF 8, in knives, forks and spoons, in any one of its illustrious patterns. (Service of 34 pieces, $43.75...slightly higher in Canada.) And at any time you choose, you may add your other pieces, all in the same pattern.

You can see the PIECES OF 8 sets at any silverware counter, or write for booklet E-16 to Dept. E, International Silver Co., Meriden, Connecticut.

Presenting the LEGACY Pattern, the modern flair in silverware. LEGACY five-piece tea set $100...LEGACY pastry forks "eights"...$11.30..."sixes"...$8.50.

ON THE TABLES OF AMERICA'S FIRST FAMILIES...SINCE

1847 ROGERS BROS.
SILVERPLATE
INTERNATIONAL SILVER CO.

SALESROOMS...NEW YORK - CHICAGO - SAN FRANCISCO, CANADA: INTERNATIONAL SILVER COMPANY OF CANADA, LTD., HAMILTON, ONT.
A custom-car in all but price—and the price is now still lower

LARGEST, handsomest and most luxurious of all Dodge Brothers motor cars—the Dodge Brothers Senior is a custom car in all but price. Its performance and long life bear out that conviction with finality. Walter P. Chrysler inspired the Dodge Brothers Senior—fashioned, tailored and equipped it in the Chrysler way. Dodge Brothers offer it as an example of that skill and craftsmanship so characteristic of Dodge Brothers motor cars. At present much lower prices, the Dodge Brothers Senior transcends in value, in style, in beauty, and in its intrinsic worth, cars costing much more.

New Lower Prices: $1495 to $1595 F.O.R. DETROIT

DODGE BROTHERS SENIOR

CHRYSLER MOTORS PRODUCT
We are permitted to announce that by invitation of the Metropolitan Museum of Art in New York City, we participated in the recent Exhibition of Contemporary American Design. In the illustrated setting the Bedspread, Pillow and Chaise Longue Throw, which received so much favorable comment from interior decorators and the visiting public, were designed and created by the Carlin Shops. We are devoted exclusively to intimate and divine feminine things—Silken Puffs and Pillows, Couch Throws, Chaise Longue Covers and Blankets, Pajamas and Bed Jackets and Travel Accessories—lovely beyond expression but modestly priced.

CHICAGO
662 N. MICHIGAN AVE.
at Erie St.

NEW YORK
528 MADISON AVE.
at 54th St.

The Garden Club of Rye, N. Y., presented a prize-winning composition of a bay window planting which featured Azaleas and comforters with Wisteria and Ivy against the wall and potted plants indoors.

THE NEW YORK SHOW

In the Federated Garden Clubs competition a first prize was given to the simply designed little pool garden above. This was entered by the Club of Douglaston, Long Island.

Second prize in the Federated competition was awarded to the Hempstead Community Club for its splendid post composition against a house wall. Well-chosen flowers accent the comforters.
French Furniture, exuberant with color and the sheen of rare woods, is silhouetted here against a simple background of soft pastel tones.

FRAGRANT with the blithesome spirit of XVIII Century France, the decorative treatment of this room suggests an environment in which a penchant for the exquisite finds expression.

If you happen to be engaged in the fascinating pursuit of decorative ideas, a leisurely half hour or so in our Galleries will reveal a source of inspiration to the sophisticate, intolerant of the commonplace.

New York Galleries
INCORPORATED
Madison Avenue, 48th and 49th Streets
CABINETMAKERS DECORATORS ANTIQUARIANS ARCHITECTURAL REMODELING © 1929 N.Y.C.
And now... 
du Pont offers a new and improved Tontine washable window shade

Test in Your Home a Window Shade of This Beautiful New Material for Only $1.00

LAbORATORY research and constant experimentation, backed by a fundamental and inherent desire to furnish the public with a good window shade made better, have made this development possible. The perfecting, at no greater cost to the consumer, of a more beautiful, more washable and longer-lived Tontine window shade, is in keeping with the general policy that has established the leadership of du Pont in the window shade industry.

Heavier in Weight—More Durable
The two most important features of the new and improved du Pont Tontine are its greater weight and beautiful smooth finish. By impregnating the base fabric with an additional amount of that durable, water- and wear-resisting material known as pyroxylin—the same basic substance used in making the famous du Pont Duco—the Tontine has been made materially heavier in weight, which makes for greater washability—and longer life. Soap, hot water and a brush will restore Tontine's original beauty and freshness always. Rain or dampness will not harm it—nor will it crack, pinhole, fray or fade, and with this new and improved Tontine years of service are added to the life of your window shades.

Smooth Finish—Added Beauty
The soft, smooth finish of this new Tontine greatly enhances its appearance. Then, too, with this smooth finish dust and dirt will not cling so readily, thus reducing the number of times your shades will require washing. For maximum shade satisfaction, always ask your dealer to mount your Tontine shades on the companion product—Tontine Rollers.

THIS SPECIAL OFFER
Test In Your Own Home a Window Shade of This Beautiful New Material for Only $1.00.

In order that you may become acquainted with the merits of this new and improved material, we will make you an introductory offer, for a limited time only, of a window shade of the new du Pont Tontine for only $1.00. You may select from any one of four of our most popular colors—white, cream, green, ecru. Send in the coupon below—test a shade of this beautiful new Tontine for yourself. Place it on the bathroom window. Here the test is usually more severe than in any other room. Deliberately smear dirt across it—then scrub with a brush, soap and plenty of hot water. See how the original beauty and freshness of du Pont Tontine are instantly restored.

Send in Your Coupon Now!
This special offer of a new Tontine washable window shade at $1.00 remains open only until July 1st, 1929. This Tontine shade at $1.00 is for introductory purposes only, and for this reason we can allow only one (not exceeding 40 inches in width) to a home. The retail price of Tontine washable window shades, depending on the length, width and accessories, is from $1.75 up. Mail us the coupon today. You will receive your Tontine window shade in a few days.

Follow These Details

Measure width of shade you wish to replace with the Tontine test shade. Measure tip to tip, including metal pins at ends of roller (see diagram above). Measure length of shade unrolled. Specify which color is wanted: White, Cream, Eco or Green. Fill out coupon fully. Pin $1.00 to coupon.

(Till offer ends July 1, 1929)

E. I. DU PONT DE NEMOURS & CO., Inc. 100 Du Pont Avenue, Wilmington, N. Y.

THE NEW YORK SHOW

Percy Chubb was awarded the gold cup of the Holland Bulb Growers' Association. This, Mr. Chubb's third victory, gives him permanent possession of the trophy.

Bloom bordering the walk around the gold medal winning garden of John Scheepers, Inc., was supplied largely by Tulips, Hyacinths, Primroses and Pansies.
May, 1929

One of the

Smartest Brides in Washington

MRS. EDWARD CORTLANDT PARKER

chooses this silver for its "Distinguished Beauty of Design"

HER distinguished connections in Baltimore and Washington—her recent brilliant wedding at Emanuel Church, Baltimore—her delightful blonde beauty and sparkling personality—make Mrs. Edward Cortlandt Parker one of the most interesting and important brides of the season.

Mrs. Parker's new home is in Washington. There, as a leader in the smart younger set, she entertains charmingly.

A personal decision

Graciously, she has consented to reveal one of her very personal decisions as an important young hostess—the selection of her silver.

Mrs. Parker's choice was Gorham Sterling, in the beautiful Fairfax pattern.

As she says—

"Every bride instinctively desires the most distinguished of all silver. Gorham Sterling meets her every wish. Each lovely Gorham piece seems a miracle of beauty in design.

"I selected the Fairfax pattern because I admire its exquisite simplicity. What a magic touch this Gorham artist had, to create such perfect things as are these Fairfax pieces, from coffee spoon to dinner knife!

"Fairfax has such classic lines and yet it so

Mrs. Edward Cortlandt Parker,

the former Miss Charlotte Higgins of Baltimore, in her exquisite wedding veil of rose point lace

marvellously fits into the most modern table setting. . . . It has the timeless beauty of a superb design."

To many distinguished brides, their Gorham Sterling is—as it is to Mrs. Parker—"a most treasured, most admired possession."

Artists-in-silver

Nowhere in the world is there a more gifted group of artists-in-silver than the Gorham designers. In their delicately precise hands, silver, the subtlest, the most elegant of metals, achieves the sweeping grace, the distinction of sculpture. On each lovely Gorham piece they bestow the indefinable touch that comes only from a genius of design.

That is why Gorham Sterling has been for nearly

A DINNER SETTING IN MRS. PARKER'S HOME, SHOWING HER BEAUTIFUL FAIRFAX STERLING

a century and is today the choice of women of inherited position and distinguished taste.

Amazingly low cost

And the amazing thing to know is how small an investment purchases this most beautifully designed of all Sterling—perfect for today and for all time. There are many sets of hollow ware and flat silver in matching patterns which may be had at a surprisingly low cost.

Your jeweler will be proud to show you the Fairfax and many other beautiful patterns in Gorham Sterling. The Gorham Company, Providence, R. I., and New York City,

SIX FAIRFAX TEASPOONS COST ONLY $1.20; SIX DESSERT KNIVES, $2.00; SIX DESSERT FORKS, BUT $2.15

GORHAM

AMERICA'S LEADING SILVERSMITHS FOR OVER 90 YEARS
Flowers beautiful in any vase are doubly beautiful in the right vase—such as the full richness of red roses in a Weller Pottery bowl of Copper- tone. Here the bowl in its shape and texture resembles a piece of ancient copper that centuries have mottled with green. . . . Other Weller bowls and vases have an unusual freshness of luster—or are overglazed or underglazed, with any colors in living fire. . . . Besides Weller flower holders, observe massive old candlesticks, fruit platters, lamp bases, jars for plants—and some thick fruit-patterned cups and plates as in the days of monasteries. Prices for any of this pottery are doubtless less than you believe. Write for descriptive folders. The Department of Decorative Arts, The Weller Pottery, Zanesville, Ohio—Potters since 1872.

WELLER POTTERY
OXFORD
A DESIGN ADAPTED FROM THE CLASSIC BEAUTY OF THE WINDOWS OF CHISTCHURCH

TO HAVE this beautiful Sterling Silver on your table is to bring to it the glorious associations of centuries of English history. For the design was inspired by the high-arched windows of Christchurch Cathedral in ancient Oxford—celebrated in the annals of kings and poets, artists and erudite scholars of every period.

This pattern has distinctive character. The silver is substantial, and has lasting value. It is wrought with the same pride of perfection that has marked the work of Reed & Barton for more than a hundred years . . . See the Oxford Design at your jeweler's and select it for your own.

REED & BARTON
TAUNTON, MASS. REED & BARTON NEW YORK, N. Y.

STERLING 
ESTABLISHED OVER 100 YEARS 
SILVER PLATE
COLORS in SUMMER LAMPS

delightful for living rooms, sun porches and summer homes.

This delightful group of picturesque lamps, especially designed to lend gay color to summer interiors, is presented by The Miller Company and is on display in your favorite store.

They are lamps in bright colors—Apple Green, antiqued Chinese Red, and antiqued Jonquil Yellow, or they are Statuary Bronze, with delicate shades of parchment. All contribute to the pleasant atmosphere of informal summer days.

Lamps in Matching Pairs

Not only have these lamps new loveliness, but—the latest attribute—they match! Lamps A and B, the table and candle-lamp, both come in the three bright colors listed and each has three matching shades from which you may choose.

Shade No. 5356 is exceptionally artistic, a round, 8-inch shade of corne-color handspan, embroidered in wood. It is lined with French tub silk and interlined with Maize. It is to be had in 14-inch size (No. 5558), an oval shape, for the matching table lamp.

Shade No. 5355 (not shown) is an extremely smart striped parchment in pastel colors. Size 10 1/8 x 10 is for the table lamp. In larger size it is for the candle model.

Lamps C and D, the Statuary Bronze Junior Floor and Bridge lamps, may also be used together. They come with delightful etched print parchment shades, hexagonal shaped. The bridge shade (No. 5547) is 12 inches wide, the Junior floor shade (No. 5540) 18 inches wide.

All of these lamps exhibit the artistic beauty in line and color for which Miller Lamps—made by Distinctive Craftsmen—have been distinguished since 1844. The lamps in color are heavily enamelled for lifetime service. They are safe against cracks, nicks or scratches; their charming beauty will not dull or wear off.

These lamps are on display in leading department, furniture, electrical and interior decorating stores in your city. If your dealer does not carry them, write us for information. The Miller Company, Dept. 29-B, Meriden, Connecticut.
Packard enjoys a priceless reputation in the fine car field. It has been earned not alone by the unchanging quality of Packard cars, but as largely by the established Packard principles of doing business.

"Packard principles" is not a mere phrase. These principles—settled rules of action in public relations—have existed in substance since the founding of the Packard company. As early as 1909 they were put in writing, and in 1925 carefully codified, simply stated and published for the benefit of the nation-wide Packard organization and its growing clientele.

Today these fixed principles guide every Packard man, from chief executive to humblest employee, in courteous, dependable and just dealings with appreciative customers. For Packard reputation is not only a reward—but a continuing, responsibility. No Packard man is allowed to forget the significance of the Packard slogan—

ASK THE MAN WHO OWNS ONE
Now presenting six
ALL-STEEL MODELS
INTRODUCING STILL HIGHER
STANDARDS OF EFFICIENCY

A distinct contribution—the first all-steel refrigerators. Revolutionary designs—new low prices. The greatest values ever offered by General Electric.

This all-steel refrigerator development marks the climax of years of painstaking work. It is another contribution to better living—made by the engineers and scientists of the General Electric Research Laboratories. This is the same group that perfected the hermetically sealed mechanism which, by reason of its simplicity, its quietness and its efficiency, has already made the

CANT’T WARP
STONGER, STURDIER
COST LESS TO OPERATE

General Electric Refrigerator an outstanding success.

Now you can buy a refrigerator with a cabinet built like a safe. One with doors that will always fit perfectly. One which will operate with the least amount of current.

The hermetically sealed mechanism remains just as it has always been . . . sealed away from dust and difficulties, permanently oiled, quiet, unseen, untouched . . . one of the miracles of modern science. This mechanism and the all-steel cabinets combine to make what we believe to be the most perfect refrigerator ever built.

Mass production has made possible many important economies. Prices now start at only $215, at the factory, and there are six sizes of the all-steel models to choose from. Investigate them thoroughly and drop a card for a descriptive booklet to Section K-5, Electric Refrigeration Dept., General Electric Co., Hanna Building, Cleveland, Ohio.

GENERAL ELECTRIC
ALL-STEEL REFRIGERATOR
“I am in love with my range, and Pyrofax Gas Service is most satisfactory”

—Mrs. B., Maryland

Supposing you had been trying to get along with a slow, troublesome, inconvenient stove in the kitchen and then got real gas and a real gas range, even though you lived miles from any city gas supply—wouldn’t your enthusiasm inspire you to write us exactly as Mrs. B— did when she started to use Pyrofax? Every woman knows that there never has been a fuel so completely satisfactory, so thoroughly suited to every cooking occasion as real gas. 

Heretofore, homes in the country have had to get along with some sort of compromise in the kitchen—slow, inefficient fuels, apt to be dirty; clumsy cooking methods; the next best things to gas.

But now, with Pyrofax, every home in the suburbs or country can have real gas and a genuine gas range for cooking. Pyrofax is actual gas, made from natural gas, stored in steel cylinders and delivered to thousands of country and suburban homes and institutions. The organization behind Pyrofax is national, and the delivery service is maintained with the highest standards of dependability and efficiency. There are two to three months’ supply of genuine gas, cooking for the average family, in every cylinder of Pyrofax. Two cylinders are kept outside in a neat steel cabinet, one in use, the other a reserve.

And what gas ranges there are to choose from, when you use this perfect country fuel! The very modern ranges enameled in color—you can find one to match the decorative scheme in your kitchen and make it the most cheerful room in the house! Pure white enamel and nickel if you like them better. With or without oven-heat regulators. Right-hand or left-hand ovens—any sort of gas range that you set your heart on. Let us send you complete information about Pyrofax Gas Service. Return the coupon.

[Pyrofax Gas Company advertisement with details on convenient terms and product information]
ADVENTUROUS... modern... intriguing... are these creations of Roseville craftsmen. In them you see expressed through fascinating form the spirit of vital artistry... fashioned with today's appreciation of beauty.

How you will adore these Futura shapes! Picture flowers in them... wonderfully exquisite in your home... a touch of dashing charm in your living-room or hall or library... yes, in any number of places.

Many are the kinds of pieces to choose from... in several soft harmonies of delicate coloring... with tastefully modeled decorations... superb... distinctive... vastly interesting!

There are jars, vases, bowls, hanging baskets, jardinières, window boxes, wall pockets, candlesticks... scarcely any two alike. Displayed at leading stores, where you may make a selection for yourself, or remember some one with a cherished gift.

We will gladly send you a free copy of the beautifully illustrated booklet, "Pottery". Write for it.

THE ROSEVILLE POTTERY CO., Zanesville, Ohio

ROSEVILLE POTTERY
THE critical hostess may choose Watson Sterling, purest solid silver tableware, with utmost certainty that its beauty and charm are authentic and smartly correct. The exquisite designs shown here were approved and judged supreme by thousands of women voting from every state and abroad. Like many other modern hostesses and brides-to-be, you may wish to purchase out of income. We shall be pleased to assist you, making all arrangements through your favorite jeweler. Please fill out the form below and mail it to us.

"Simplicity is the purest form of art"
Ruskin

Writing in prize competition, thousands of women from all over America and from two countries abroad placed their unqualified stamp of approval and preference on these pure Watson designs as possessing all that is fine and smart and permanent in beautiful solid silver tableware.

To the Watson Company, Attleboro, Mass.

My name is ___________________________
My address is ___________________________
City ___________________________ State ___________________________
My favorite jeweler is ___________________________

I would like to have . . . . ( ) particulars of your convenient payment plan whereby I may obtain a service of Watson Sterling (solid silver 925, 1000 fine) for ( ) $65 ( ) $150 ( ) $250 ( ) $500 . . . ( ) A specimen spoon in the . . . design to examine at home. . . . ( ) A photo of the chest ( ) tray ( ) which I may expect with your compliments. . . . ( ) Literature on Watson Sterling designs.
A favorite of Washington's

For his Mount Vernon home, George Washington ordered "two neat tables 4½ feet when spread and made to join occasionally." The drop leaf table was an Early American favorite.

Of the 300 pieces bearing the Stickley name, there are many reproductions of Early American tables, perfect replicas of the settler-craftsman's art.

Like all Stickley pieces, these are produced of the same woods and with the same velvety finish of the originals . . . aged by a special process until they are exact counterparts of early masterpieces.

On display by the better dealers,

Tourists welcome at factory showrooms 5 miles east of Syracuse on main highway—Route 5.

COMFORT IN GUEST ROOMS

(Continued from page 99)

in a hand-blocked paper brought from France, with flowers and a quaint figure here and there in brown and occasional touches of flame color on a sky blue ground. The woodwork was painted blue and the carpet was the brown of the branches in the paper. The curtains of flame colored taffeta were unlined and trimmed with ruffled picoted points.

A single Louis XV walnut bed, placed lengthwise against the wall, was covered in blue taffeta embroidered on the top with small bouquets and finished with a double valance of picoted points in blue over flame color. An old Louis XV chest, also in walnut, stood beneath a French mirror framed in gilt, and a walnut night table at the head of the bed held a porcelain lamp composed of a cluster of flame colored tulips fitted with a simple mauve taffeta shade. At the foot of the bed was a slipper chair in blue taffeta plied and tufted in flame color. A small chaise longue and overstuffed chair were covered in striped moire in brown, blue and flame stripes. A painted pouderesse and bench in flame colored lacquer repeated the color note of the curtains on the opposite side of the room.

Adjoining was a bath with walls paneled in painted stripes of blue and flame and decorated with a set of "Cries of Paris" prints mounted on the walls and framed by narrow painted lines. Curtains of blue glazed chintz were edged with triple ruffles of blue, yellow and flame color, and tied back with pleated rosettes. A happy ensemble, this room and bath.

Guest rooms of city apartments do not usually boast much light, therefore an atmosphere of sunshine must be created by the decorative scheme. A city room facing not only north but the gray-blue of a waterfront had walls paneled and painted ivory, the space inside the panels being painted in alternate stripes of silver and gold, the stripes themselves only one-eighth inch wide, and about five inches apart. The overdos were decorated with small flaming urns also in silver and gold. The carpet was a dark shade of maroon, and the curtains of striped taffeta in green, ivory, yellow and maroon, trimmed with a blocked fringe in the same colors, were tied back high as well as low under a pleated valance.

The glass curtains were green gauze, scalloped at the bottom. The Directoire beds with yellow marbelized columns and black trim were upholstered in mauve strié taffeta, and the night stand and chest, in the Biedermeier style, were of satinwood with black and gold trim. A draped dressing table was hung in soft green satin edged with gold bullion fringe. On this were white and gold Directoire lamps with yellow taffeta shades, and the appointments of the dressing table were of gold.

A chaise longue, an overstuffed chair and a slipper chair were slip-covered in a green Directoire chintz patterned in all colors of the draperies, and in one corner, behind the chaise longue, stood a screen of green marbelized paper decorated with old prints across the top. The bath-dressing room had a floor of white tile, accented with small notes of black. It had built-in cupboards painted old white, striped and decorated in black to the wall paper, which had black silhouettes on its store fittings and the French bedstead lamps with yellow taffeta shades, and the appointments of the dressing table were of gold.

This colorful guest room has blue ground French wall paper with brown branches and flowers, flame taffeta curtains, furniture covered in blue, brown and flame striped moire and a brown carpet. Irene Sidley, decorator.
A STRIKING
MARITIME PRINT
FROM FRANCE

with a wealth
of delightful incident

A Mediterranean port — an 18th Century man-of-war lies at anchor off
the rugged coast. Fluttering sails and intricate rigging etch a vigorous
pattern against cliffs and sky and terraced villas. Around this
surges the restless life of the harbor — robust fishermen in picturesque
hats, turbaned merchants, busy housewives, all eagerly bargaining for
the morning catch—

Such is one of the animated scenes on this striking print, done in
the manner of a steel engraving. Its unusual dramatic quality and
splendid drawing, together with the appeal of ship scenes, make it
particularly delightful for hangings or panels in the man's room,
in the country home or country club.

This charming fabric once more illustrates the stimulating variety and
distinction of design to be found in Schumacher collections. There you
will find exceptional fabrics of every type and for every purpose.

Your decorator, upholsterer, or the decorating service of your depart­
ment store will be glad to obtain samples appropriate for your purpose.

"Fabrics—the Key to Successful Decoration"... This helpful booklet will be sent to
you without charge upon request. It is planned to help the woman who wishes
her home to be successfully decorated, but has not the time or the inclination to
make a deep study of interior decoration. F. Schumacher & Co., Dept. E-5
60 W. 40th St., New York. Importers, Manufacturers and Distributors to the
trade only of decorative drapery and upholstery fabrics. Offices also in Boston,
Chicago, Philadelphia, Los Angeles, San Francisco, Grand Rapids, and Detroit.

Reminiscent of steel engraving—novel print in monotone on light ground

Of striking interest for curtains or wall panels in the informal room
French furnishings for fine houses

THROUGH our own buyers we import continental furniture of rare beauty and character, as well as mantels, tapestries, paintings and those accessories which complete distinguished interiors. . . . Visit our interesting display rooms.

John A. COLBY & Sons
129 North Wabash Avenue, Chicago
Interior Decorators Since 1866

BRANCH IN EVANSTON, ILLINOIS

A PIONEER HOUSE WITH PLUMBING

(Continued from page 122)

find tables after Sheraton, and Chippendale chairs in interesting profusion, but to catch a glimpse of an old cricket table cut from the heart of a Willow tree, colored by the smoke of countless hearth fires and be able to carry it off from old Cheshire, spelled romance. It now stands in the reading corner of the main room in this cabin. Wales produced a pair of old native chairs entirely in keeping, and from Italy came a low table and willow chaise and a fine old cradle now doing duty as a receptacle for fire-wood. An old pine settle stands under the stairway, serving as a table when not required for extra seating purposes; a Moroccan leather cushion in black and red and a pair of Early American chairs complete an interesting group. Added to these are modern overstuffed pieces for comfort.

Next came the quest for old pewter, brass and copper. The first find was a set of pewter pitchers from an armory shop in Queensbury; then came an old trivet from Avon and an oval copper boiler from Chester. And while the decorator’s European trip was highlighted by this constant search for articles that would add to the comfort or interest of the cabin, the owner, becoming imbued with the charm and value of the better class of Indian craft, old and modern, had brought back with him from the Southwest some fine examples of pottery and weaving, supplemented by similar articles from a local dealer. A small taboret with a sheepskin tray stands beside the side of the Indian willow chaise longue in picturesque and comfortable harmony; on the wall under the stairway hangs a tapestry patterned in a majestic stalk of Indian corn done in black against a gray field, with simple animals of the community lying, fawn-like, in gray-white with touches of strong color applied on either side of the center motif.

The colors of this main room are red, orange, black and gray. The furniture is a combination of old pine, maple, dark and light walnut, and a few old painted pieces. Window treatments are extremely simple consisting of cream linen curtains barred and banded in red, hung from small iron rods and made to draw across the windows when required. The table linen is made from the same fabric as are the curtains.

The main sleeping room contains one double-deck bunk and three single ones, on which the most comfortable bedding is used. This room is divided, when needed, by a curtain to match those at the windows, made of a Java print with a yellow ground that harmonizes with the honey color of the well-sanded red cedar logs. The coverlets are purple and white hand-woven material, the purple catching the tone of the Canterburv Bells in the print, and occasional splashes of red in the design add brilliance to the scheme. A foreign pearwood chest seems friendly with the little pine one picked up in a neighboring barn. The white goatskin between the bunks speaks mutely of the chill of the night and morning, when its comforting contact is more than welcome.

The loft which provides additional sleeping quarters, is furnished in old pine. The bath room and kitchen are fitted with modern equipment kept in close harmony with the rest of the house as the combination of pioneer atmosphere and the last devices of the 20th Century will permit. The woodsman finished his work and went his way before the inside was equipped for living. Should he ever look in upon the cabin, which served to cement a real friendship between owner and builder, it will be gratifying to all concerned if he approves the sincere endeavors to carry out his ideal — that this log cabin should be in real truth a welcome sanctuary where peace and seclusion may be found.
Mrs. Howard Chandler Christy’s china service is a pageant of changing color

How natural that Mrs. Howard Chandler Christy should enthusiastically embrace this color vogue in china . . . which brings a new and sparkling lustre to the famous dinners frequently given at her studio apartment in the Hotel des Artistes in New York . . . which resolves the progress of courses into a pageant of changing color.

Mrs. Christy says of her personal service of Black Knight China: “It transforms my table into a shifting sea of flashing jewel colors . . . it seems almost as if each course change were a fresh tide, casting up new riches of beauty and color.”

A service plate done in magenta, laced in gold, leads Mrs. Christy’s service. Green is next . . . the scalloped oyster plates are banded in it. Soup appears in soup-cups, richly brocaded in cobalt and in gold. The entree plate is gold-and-ivory . . . then the roast, on a dinner plate simply lined in deep blue. So through the dinner, from oysters to Brie, marches a harmonizing procession of color, a brilliant pageant of design.

What a far cry from the monotony of a single pattern! What a relief from the bondage of the “dinner set!” Flashing color where once was drabness . . . originality where once conformity reigned . . . you, too, will want your own personal service of Black Knight China . . . a different color for every course . . . to suit your own environment, to do honor to your own taste.

Smart china shops in nearly every city show this lovely china . . . and will send you on request our charming book, “The Gracious Art of Dining” . . . will explain in detail the “color-for-every-course” vogue . . . or, if you wish, write, enclosing 50¢, to Black Knight China, New York City.
Faust, at the Metropolitan Opera. Swords clash in the duel scene, a soldier sinks to the ground... curtain! Valentine, so recently fallen, gets up, dusts himself off, hurries out to telephone. Nearby, Mephistopheles, his villainies temporarily complete, sips a glass of water. Still further back-stage, in sound-proof rooms, other singers limber up their voices for the act to come. In each room there is a piano. Each piano is a Knabe. Why a Knabe? Let the Director of the Metropolitan, Mr. Gatti-Casazza, answer that question... "We engage the finest tenor in the world, the most famous soprano, the most brilliant orchestra leader. And we are just as critical in the matter of selecting a piano as in picking our singers... So we chose the Knabe."

Only the piano can eloquently portray the deepest emotions of the opera, the highest glories of the symphony, the simple beauties of folk melody. The Knabe brings to your home the same magnificent tone which won the approval of the Metropolitan Opera Company... as well as thousands of society people, musicians and every day folks. See the handsome new period models at your local dealer... or write for catalogue to Wm. Knabe & Co., Baltimore, Md... $875 up.

KNABE
Official Piano of the Metropolitan Opera Company

With the Ampico in the Knabe, you can hear the lovely melodies of Faust played whenever you wish, and by the world's great pianists. After Faust, perhaps you'd like a bit of jazz. Victor Arden and Adam Carroll will set your feet tingling with their fox trot duets; you'll understand why seats are always scarce for any show they appear in. And then, to smooth away the day's worries, perhaps Rachmaninoff's C Sharp Prelude played by the composer himself; or the Rigoletto Paraphrase or Foster's Plantation Songs (a great favorite with the youngsters); or any of 2500 different selections by such great artists as Liszt, Brahms, Segovia, Lopez, Youmans, or a hundred others. Every crescendo or diminuendo, every bit of shading, or expression is preserved with fidelity. Only the Ampico does this; no other instrument may use the patented devices which reproduce exactly the artist's playing upon the piano. $2495.

CONVENIENT TERMS MAY BE ARRANGED
WAITEX Summer Rugs

Will Add New Beauty to Your Home This Summer—at Little Cost

THE WORK of the best designers in modern art—welcomed in the fine homes of Bar Harbor and Lake Forest—and styled by Waite to retail at prices from $22.00 downward. Without a stroke of redecoration these cheerful modernistic designs will bring the breath of springtime indoors and create a welcome gayety to greet every guest.

WAITEX—an exclusive, patented fabric—offers a glorious canvas for the finest patterns and color schemes in the new art. It has a scuff-proof, non-absorbent surface of tough Kraft fibre, a cushiony interior of American Wire Grass. The romping of children, the tramp of sport shoes, grass stains, cigarette ashes and grit do not damage this ideal summer rug. It is dirt-resistant, cleanable and lies flat, while its oil painted patterns retain their lustre.

WAITEX rugs this year possess the full glory of modern art—yet the designs will properly fit into conservative, as well as modernistic, backgrounds. At the cost of a handful of American Beauties, WAITEX will recharge your home this summer with new interest and style.

There is a WAITEX dealer near you who carries a wide variety of patterns and sizes. If you do not know his name, send us the coupon. We will inform you and mail you a free catalog of natural color photographs for your inspection.

WAITEX CARPET CO.
Dept. H2, Oshkosh, Wisconsin

Please mail me a free catalog of Waite Summer Rugs, braided canvas ovals and Wool-Waite Ovals. I am planning the decoration of a... which has rug space of ______. The firm from whom I usually purchase house furnishings is ______.

Name ___________________________
Street __________________________
City ____________________________
State ___________________________
In the very nick

These new, beautiful and graceful models arrive upon the scene!

Quoted above is a reference to the new Pierce-Arrow Straight Eight, by Colonel Robert D. Garden, who for twenty-five years supplied fastidious New Yorkers with motor cars of this same famous make.

And now another page in fine car history has been turned with the new Pierce-Arrow—a car that has size without bulk, and beauty rather than tonnage.

Generous size and capacity there must be in the finer cars. But no longer at the sacrifice of symmetry of line, and spirit of performance.

Pierce-Arrow has solved the problem in the finest tradition. Incidentally, it has brought forth an automobile which spells the end of "the dowager" type among fine cars.

There was never a car more satisfying to the eye, or one more easily handled, than this newly arrived patrician among automobiles.

Twenty years ago Louis Fancher painted the original of this Pierce-Arrow automobile—then the finest car of its day. The scene is the Library of Columbia University, New York City.
The same artist who did the illustration on the opposite page painted this 1929 Pierce-Arrow. The scene is the same... the car is of the same make, the same fame... the finest motor car in America.

$2775 to $8200
AT BUFFALO

The purchase of a car from income has been made an altogether attractive procedure by the Pierce-Arrow Finance Corporation. The average allowance on a good used car usually more than covers the initial Pierce-Arrow payment.

A STRAIGHT EIGHT by PIERCE-ARROW

125 Horsepower Engine... 85 Miles per Hour... 133-inch and 143-inch Wheel-bases... 59½-inch Rear Tread... 72-inch Over-all Height... Ample Head-room... Wide Doors... Pierce-Arrow Coachwork... Non-shatterable Glass... Fender or Bracket Headlamps optional without extra charge... Bodies by Pierce-Arrow—and Pierce-Arrow in every part! Pierce-Arrow mechanical detail embraces every device of proved character known to fine motor cars.
Only J-M ASBESTOS SHINGLES insure you this Lower Cost per year

Here is real roofing economy... J-M Asbestos Shingles are fireproof, everlasting and beautiful

A good roof protects your investment in your home, and by its attractiveness reflects your good taste.

You can have the finest roof at reasonable cost by using Johns-Manville Asbestos Shingles. However you rate the importance of fireproofness, permanence or beauty these sturdy J-M Asbestos Shingles will more than satisfy you.

No matter what you pay you cannot buy a roof that will last longer than Johns-Manville Asbestos Shingles, nor one which will more attractively adorn your house.

Comparative Costs are Surprising

Do not leap to the conclusion that the superior qualities of Johns-Manville Asbestos Shingles mean that they are expensive. On the contrary, a roof of J-M Asbestos Shingles is the most economical roof you can have. It will never have to be replaced. Its first cost is its last cost. You are assured permanent protection against weather and fire.

Yet for all this value you may have a roof of J-M Asbestos Shingles for only about twelve per cent more than the average cost of eighteen inch stained cedar shingles. That is real value for the home owner! About twelve dollars more on each hundred dollars and you have a roof that will never burn, and under which your grandchildren’s children can live.

Everyone who owns a house knows that maintenance costs are important. Maintenance costs on roofs are major expenditures, yet they are unnecessary. When you pay for a J-M Asbestos Shingle roof you are through paying for a roof for the house it covers. This is true because whether you are re-roofing your present home, or building a new one, Johns-Manville Asbestos Shingles should outlast the building they cover. Measured by length of life alone, Johns-Manville Asbestos Shingles cost less per year than the cheapest roofing. Measured by protection from fire, and beauty, they are far superior to any ordinary materials.

A Color Combination for Every Home

The pleasing shades of Johns-Manville Asbestos Shingles are suggested here. They offer more variety than is obtainable in most other roofing materials. Yet we cannot show you on this printed page the full beauty of Johns-Manville Asbestos Shingles. To see this ask your dealer to show you houses roofed with these beautiful shingles. Also study the dealer’s samples. See for yourself how easy it is to select shingles exactly suited to your home and its surroundings.

The Name Spells Safety

Johns-Manville is a name that means safety. It is the world’s foremost name in asbestos and its uses. Other products have made the trade mark J-M famous. These include packings, insulations for every range of heat and cold, motor car brake linings, and industrial roofing and flooring. When you buy Johns-Manville Asbestos Shingles you are assured of a perfect asbestos product. In order to protect you from disappointment your roofer will issue you the Johns-Manville Certificate when your roof is laid. This shows that your roof is registered at our sales office as of genuine Johns-Manville manufacture.

A Free Estimate by a Roofing Expert

Fill out the coupon below. Without obligation a J-M dealer who is a roofing expert will estimate the cost of a roof which will be the last roof you or anyone else will have to buy for the house it covers—that is a roof of J-M Asbestos Shingles.

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**Johns-Manville**

**RIGID ASBESTOS SHINGLES**

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[Adapted from a vintage advertisement for Johns-Manville Asbestos Shingles, emphasizing the benefits of using these shingles for roofing, including lower cost, fireproofing, durability, and attractiveness. The text highlights the company's reputation for safety and the ease of selecting the perfect color combination for each home. Additionally, it offers a free estimate service by a professional roofing expert.]

---
Everybody's talking about the marvelous whiteness of teeth after using Listerine Tooth Paste a short time. You will be delighted.

Large Tube, 25¢

This antiseptic shampoo gets rid of dandruff quickly

Be on guard against dandruff. Don't let it get the upper hand. Treat it immediately with Listerine as a precaution against thin hair and baldness.

Literally tens of thousands have been benefited by this simple pleasant treatment.

Once you realize that dandruff is a highly infectious condition caused by germs, you can appreciate the effectiveness of full strength Listerine in checking it.

Because used this way, Listerine is an effective germicide —so active it even destroys 200,000,000 of the stubborn Bacillus Typhosus (typhoid) and Staphylococcus Aureus (pus) germs in 15 seconds.

We could not make such a statement unless we were prepared to prove it to the entire satisfaction of the medical profession and the U. S. Government.

Though powerful, Listerine, at the same time, is so safe, that it will not harm the tenderest tissues. Indeed, it has a soothing effect. Actually balm to burning, itching scalps. After a Listerine treatment your head feels simply great.

At the first sign of dandruff, simply douse full strength Listerine on the scalp and massage vigorously, keeping the treatment up several days. If scalp is excessively dry a little castor or olive oil may be used in connection with the shampoo. It is the combination of antiseptic and massage that does the work. You will simply be delighted by results.

Lambert Pharmacal Company, St. Louis, Mo., U. S. A.

LISTERINE
The Safe and Soothing Antiseptic

kills 200,000,000 germs in 15 seconds
You'd never dream a Window Shade could make such a difference!

SEND FOR INSTRUCTIVE BOOK
See Coupon Below

How, indeed, could you have looked for window shades that are real units of the room's decoration—like your draperies, rugs, and furniture?

For never until now have window shades had the charm and distinction of pattern, as well as color.

Which brings us to Brenlin Piquè—today's window shade!

Smart, slender piqué cords—woven top to bottom right in the fabric itself. Design—rich, velvety—imparting a new note of character to your windows and the entire room.

Lovely hand-applied tints to select from. Colors that resist fading in the sun and spotting by rain.

Your shades of Brenlin Piquè will always hang straight and smooth, for they are made of the famous Brenlin long-wearing window shade material.

Send for samples, descriptive book, and Color Selector
See Brenlin Piquè for yourself! And choose just the tints that will harmonize most effectively with your draperies and furnishings.

You can do this by means of an interesting Color Selector, worked out by a well-known interior decorator. He enclosed with coupon below brings you samples of Brenlin Piquè in all tints, Color Selector, and an instructive new book on this modish material. We will also send name and address of your nearest Brenlin dealer.

BRENNIN PIQUÉ

The Chas. W. Brennan Company, Dept. A-7, 2945 Reading Road, Cincinnati, Ohio

Please send me samples of Brenlin Piquè, descriptive book, and Color Selector. Also, name and address of nearest Brenlin dealer. I enclose 10c (stamps or coin).

The integrity of a reputable manufacturer will insure the service which may be needed by any piece of machinery or the ability to renew a part ten years hence. It would seem impossible to make further improvement on the many makes of coal burning heaters which have been perfected to serve every type of house. In addition to the regular anthracite burners, there are the self-feeding heaters which burn the smaller sizes of coal, demanding attention only once a day. And the electric stoker which feeds coal and remotes ashes simultaneously. While for the soft coal regions comes a simple device which draws in auxiliary air over a fire so that even the coziest grades of bituminous coal will burn without smoke. With the coal systems, too, responsibility for drafts and dampers can be delegated to a thermostat, which will maintain the temperature at a set figure both day and night.

Another supplementary consideration in the heating question is the provision of moisture as the heater air circulates. Both human threats and household furnishings suffer from dry air of seventy degrees. For usually it contains less than a tenth of the moisture it is capable of holding in suspension. Ingenious devices hanging behind the radiator or built into the radiator enclosure provide the healthful humidity through the evaporation of the water they contain. Until the luxurious day arrives when heat is obtainable from central stations at the pressing of a button, the choice of which of the many good heaters to install will be one of the major problems of home building. And even the finest boiler or furnace cannot function to the fullest extent of its possibilities if heat is not there to supply the efficiency, if the insulation of the house is poor or if the care of the equipment is not thoroughly mastered.

IMPRESSIONS

Heart, Heart, you have journeyed far
And sought your life where strangers are.
Sapphire-sailed fish boats have you seen,
And plaid plates striped with gold and green;
A forest archéd with pillared trees;
Pappy and wheat fields brushed with breeze;
Dime churches and the homes of saints;
Portraits aglow with masters' palms;
Pale-armed dancers; a white-robed nun;
Money-hairèd children in the sun;
A carpet croucher; a copper can;
A terraced vineyard; a starving man;
Ghost-ridden castles; a mountain road;
A woman bent by a market load—
And Heart, Heart, what did you find?
"The dream of a fair head left behind?"

Elizabeth Jane Mans

FACTORS IN HOUSE HEATING
(Continued from page 106)
HOW THE FOREMOST AMERICAN DECORATORS ARE USING

CELANESE FABRICS

NANCY McCLELLAND, a genius in her use of materials, chooses Celanese Voile, of floor length, to give perfect filtering of sunlight through the windows of this delicately lovely bedroom; Taffeta to provide precisely the rich texture for the ruffled over-draperies for its windows; and rich Moiré for the pillows on the chaise longue. The use of French mirror-strips, as cornice and panel frames for the hand-painted Chinese paper, reflects the soft brilliance of the Celanese colors throughout the room... Among the finer decorators, Celanese is enthusiastically accepted for its practical characteristics, as well. Celanese possesses many inimitable qualities—it neither shrinks nor stretches, it does not curl and it cleans with remarkable ease.
Nowhere else in America can this pattern be seen

Old York, in the celebrated Wedgwood Queensware, is another pattern available only through this shop. Another Plummer panacea for all who decry gift duplication, all who shun the commonplace be it in cars or clothes or china. Old York was first made in England about 1780 for use generally and on semi-formal occasions in the family life of old Yorkshire. The renowned Wedgwood Factory of England has reproduced it directly from originals found in York and is now making it exclusively for Plummer's. Thus patrons of this shop are presented a china veritably— the opportunity for a distinctive gift or a service for their own tables. The pattern consists of flowers in high relief, placed on the rim and decorated in various pleasing colors. Available in separate pieces or complete services. Prices: Dinner Plates, $20.00 doz.; Bread and Butter Plates, $14.00 doz.; Tea Cups and Saucers, $22.00 doz.; Tea Set, 23 pieces, $34.00; Dinner Service, 97 pieces, $160.00.

Mail inquiries attended to promptly.
A new radio awaits to enthrall you!

See it. You will realize that radio has attained a new dignity—the traditional stateliness of a fine piano.

Hear it. You will be amazed with a tone miracle—an achievement that could only come through the patient collaboration between tonal engineers and radio technicians in skillfully mastering the problems of resonance.

Operate it. Be convinced that refinements have given an entirely new meaning to both selectivity and rejectivity.

A new grandeur, a new purity of tone, a new sureness of operation—all are yours. Own this radio that's built like a fine piano. Let it speak of that instinct which unerringly leads you to seek and acquire perfection.

Seven new models of Bush & Lane Radio—built side by side with concert grand—are now announced. They are sold only by franchised dealers, specially appointed because of the confidence merited by them from those who buy with discrimination.

BUSH & LANE COMPANY
HOLLAND, MICHIGAN

Bush & Lane RADIO

Model 10: There is a subtle elegance in the elegant proportions and harmonious color scheme. The walnut finish fronts and fine paneling, combined with artfully formed doors, give an illusion of a full maple box. Illuminated dial, operating from A. C. house current. Decorative as a fine piano—and only $305.50 less tubes.

Model 75: Sliding doors of rich walnut framed like a picture by elegantly figured Australian walnut. Single dial operation from A. C. house current. Looks expensive, but costs only $247.50 less tubes.
Every Rug
needs an Ozite cushion

Soft as velvet underfoot...yielding as spring grass...Ozite Cushion makes any rug more enjoyable, more luxurious, more economical. Its gentle resilience, like an oriental's, creates a sense of luxury that makes every rug seem worth twice its cost!

And Ozite Cushion doubles* the life of rugs and carpets...makes them last twice* as long as ever before! Ozite actually cushions the fabric...absorbs the shocks and blows of every heel. It more than repays its own small cost by adding years of life to rugs and carpets.

All stores selling floor coverings recommend Ozite. Ask for the original Ozite, with orange colored taping on the edges. Ozite is permanently mothproofed, and unconditionally guaranteed to satisfy. Its principal features can't be imitated because they are patented. Send coupon for sample.

*Dr. B. M. H. recently proved after exhaustive tests that Ozite triples the life of rugs.

CONVERSION OF AN OLD BARN
(Continued from page 172)

Another view of the tap room in Mr. Dudd's converted barn, showing the small bar in one corner and the stone fireplace with its array of skillets and warming pans.

dripping effect that is very unusual and quite appropriate.

The smaller guest room is in yellow with yellow sateen hangings, relieved with a cut out linen valance done in multi-colored flowers. The twin beds are built-in four-posters with spreads to match the hangings. The furniture is in coral lacquer with some old Venetian chairs and tables.

The master's bedroom, dressing room and bath are done in jade green. French doors give out onto the breakfast balcony in the tree tops. The bed, with ruffled valance, is built into the slant of the ceiling, and hung with a black grounded cretonne, of a splendid design of large Roses, white Daisies, Poppies and Delphiniums, edged with yellow fringe, as is the green voile de bourre bedspread. Under curtains are of green mosquito netting edged with white fringe. The floor is green, "spattered" with black and white specks. The commode is green with a black and gold marble top, and the Directoire desk black with a yellow decoration.

Over the gate, through which you leave, you find inscribed, "And feign would I take back to town the peace that God doth in this forest fold."

COMMON TYPES OF ROOFS

- "Gable" or "V" Roof
- "Mansard" or "French" Roof
- "Lean-to" or Shed Roof
- "Gambrel" or "Curb" Roof
Shopping With

Janet Gray

At Lewis & Conger

Below) — Shoe Racks, $2.00 pr. These aten to the closet doors and perch shoes in neat rows safe from trampling. Of steel, in bronze finish, 20" long.

Below) — Hat Holders, Set of six, $2.50. These bronze finish Hat Holders are another closet convenience. The Big Chief, especially, likes them because they hold his hats so securely. Each Holder also boasts hook for a coat hanger.

Below) — Baby Bottle Kit, $6.50 alone ($8.25 fitted with seven Pyrex bottles). When I saw this Sterilizer I fairly pounced on it. It’s small — yet it sterilizes 7 bottles at a time. Made of heavy aluminum with inset holder. When the bottles are sterilized I fill them right in the Kit and place the whole thing in the refrigerator.

Below) — Asparagus Boiler, $8.00. Keeps the stalks unbroken. It’s an oblong aluminum pot — with a perforated inset tray with handles. When the asparagus is done I lift it out easily on this tray.

Below) — Rice Ball, $2.25. The reason I have such good luck with rice is that I cook it in a Rice Ball. This is of aluminum, perforated all over. The rice boils in it, then drains dry.

Below) — Vegetable Binet, $9.00. I find that my Binet keeps vegetables garden fresh. Made of lightweight steel perforated all over. This, of course, permits free circulation and so prevents mustiness. Has five bins; 3½" high, 20" wide, 12" deep.

Below) — Steppup, $3.00. This waggish Steppup boosts small folks up to the wash basin and it’s remarkable how room brush­ing and hand scrubbing soar into popularity under his genial influence. He’s painted pink (or blue). His puppy face forms one end and the jaunty tail makes the handle.

Below) — Canvas Wood Carrier, $3.00. There’s many an evening when we’re grateful for the warmth of a wood fire. And the boys lug the logs quite cheerfully now that we have a Canvas Wood Carrier. It carries logs comfortably and without soiling the clothes. Made of sturdy canvas with strong leather handles. Folds when not in use.

Enclosed is check money order send C.O.D.

Please send me the following articles as described above:

Name
Address

(5) Lewis & Conger

45th St. & Sixth Ave., New York

(Free delivery within 100 miles of New York City. Beyond 100 miles, express collect.)
A Beautiful House Deserves an Attractive Kitchen

Dr. Edward Weston, famous scientist, whose Montclair, N. J., residence is equipped with White House Units writes: 
"White House Units have greatly improved the appearance and usefulness of our kitchen and have proved to be entirely satisfactory."

Well-known people the country over are enthusiastic in their praise of the White House Line. They find that it modernizes and beautifies their kitchens and its superior, all-steel construction gives many added years of faultless service. Three coats of baked enamel — white or color — make White House Units sanitary and easy to keep spotlessly clean.

White House Standard Units are made for every type of kitchen and pantry — large or small. Any space may be filled simply by combining units. Send for green booklet.

If you desire special WHITE HOUSE installations which include electric plate warmers, silver and linen drawers, tray and plate racks, cup hooks and Monel Metal pantry sinks, write for gray catalog. Send in your plans for estimate.

With this gas range you can start the meal when it suits your convenience. When enough heat is stored to complete the cooking, the Autostat will completely shut off the gas. Just as a Thermos Bottle keeps liquids hot, so does the highly insulated oven keep the meal hot for hours. The moment you light the gas and set the Autostat pointer, your time is your own.

This method of cooking results in better baking, less gas consumption and more leisure. Domestic economists estimate an average time-saving of two hours daily. Think of it,—a whole month of leisure added to each year for the price of a gas range!!

"It enables one to prepare the meal some time before the dinner hour and then have the spare time and a free mind to do other things", says Mrs. Harvey W. Wiley, well-known American housewife of Washington, D. C.

Top Stove Advantages Also
Vegetables under the Thermodome need but five to ten minutes boiling. The gas is then shut off. Cooking continues and the foods stay hot.

Are you interested in retaining natural food flavors and food values, in saving gas and food and time? Let the local dealer show you this remarkable range or write us for a catalog.

THE CHAMBERS MANUFACTURING CO.
603 Columbus Park
Shelbyville, Indiana

Originators of the insulated gas range, the Thermodome and the Autostat

You are free as soon as the meal goes into the oven. The Autostat shuts off the gas completely at exactly the right time.

Cooks with the gas turned off

Chambers
Autostat Gas Range
A NEW Ciné-Kodak
LIGHT • SMALL • BEAUTIFUL • EFFICIENT
and at a remarkable price

In Ciné-Kodak stores everywhere you may now examine the last word in home movie cameras. It is convenient, good looking, and possesses unique operating advantages.

It is the new Ciné-Kodak, Model BB.

Unparalleled Convenience!
The lighter a movie camera is the more you will want to use it, and the Model BB is the lightest spring-driven camera made in the 16 m/m field, film capacity considered.

It is small and compact. Oblong in shape, its body measurements are only 7 inches long, 4 3-8 inches high, and 2 3-16 inches wide. It is no bigger than a medium-sized Kodak.

A handy carrying case comes with the f.1.9 model. Besides the compartment for the camera, it contains several convenient niches. Into one of them two rolls of film fit neatly; into another the Kodacolor attachments; and into a third, the new lens for telephoto effects which enables you to take close-ups even though you are many feet from your subject.

Exquisite in Appearance!
Both case and camera win your eye at once. They are covered with rich, lustrous, fine-grained leathers. They come in three smart shades—blue, brown and gray—as well as black. (f.3.5 model comes in black only.)

Almost always improvements as great as these not only justify a high price, but make that high price necessary in order to cover their cost. Model BB, however, instead of being given a high price, has been given a LOW one.

Metal fittings are either exquisitely lacquered or gleam with non-tarnishing chromium plate.

Furthermore, these splendid materials are combined with a beautiful simplicity of line and a refreshing absence of non-essential detail.

Improved Operating Efficiency!
This ultra-attraction, this graceful modernity of Model BB, has not been allowed to interfere with the camera's raison d'être.

The same simplicity that makes it beautiful adds to its strength and efficiency.

This you will instantly appreciate when your dealer shows you the camera. Sight it for yourself. Press the release. Listen to the quiet purr of the spring motor. Press the half-speed button, a feature which enables you to take portraits, landscapes, and still life with much less light than normal speed requires, particularly when using the f.1.9 lens for Kodacolor films.

Movies in Natural Color!
The development of Kodacolor has made the Ciné-Kodak with f.1.9 lens an even more precious possession. With this camera, a filter and Kodacolor Film you can make the most beautiful living portraits. When you project the film you see your dear ones as they actually are, with all the color, even the delicate flesh tones, absolutely true to life. You simply use a color filter when making or projecting Kodacolor.

Eastman Kodak Co., Rochester, N. Y.
You are driving the Franklin for the first time. "Incomparable," you say, as you start ahead in second speed, mounting to fifty-five miles an hour—as quietly as in high. There's a short, easy shift to high and you are even more thrilled! Actually you feel as though you were piloting an airplane. Such a surge of power. The acceleration is amazingly fast. How smooth—like a gliding gull. Relax—you can be more relaxed in the Franklin than in any other car. The riding comfort is truly restful. Effortlessly and confidently you control the car.

Air-cooling has made all this possible. Franklin is first to introduce such a revolutionary and different motor car. Will you drive it? We promise you will not only enjoy it—but you will immediately become a life member of the large group of Franklin enthusiasts.

FRANKLIN AUTOMOBILE COMPANY, SYRACUSE, N. Y.

The One-Thirty, $2180 • The One-Thirty-Five, $2485 • The One-Thirty-Seven, $2775 • Sedan prices at factory
A thorough job of spring cleaning includes the installation of

WILLIAMS
OIL-O-MATIC
HEATING

Sprangtime is cleaning-time. Do a thorough job in your home—install a Williams Oil-O-Matic and rid your life of coal, shovels, ashes, soot and dirt forever.

Williams Oil-O-Matic heats more homes than any other oil burner. It is 10 years and more than 80,000 owners beyond experiment—thoroughly endorsed by architects and heating engineers.

Williams Oil-O-Matic is entirely automatic—turns itself on and off—maintains precise healthful temperatures you want. Thrifty of fuel—unusually quiet—dependable—built to last a lifetime.

Let your nearest Williams dealer analyze your heating problems today.

WILLIAMS OIL-O-MATIC HEATING CORP., Bloomington, Ill.

Hear the "Hits of the Air"
Williams Synch-O-Matics—Tune in Tuesday nights, WJZ, WGN and NBC stations, 10:00 to 10:30 Eastern Standard Time.
Williams Mid-O-Matics—Tune in Friday nights, WGN, Chicago, 8:30 to 9:00 Central Standard Time.
Meet the Demand for Modern HIDDEN Radiators

THE best part of each room, that is in front of the windows, no longer need be cluttered up with old-fashioned radiators. Not need interior decoration or the style of window draperies depend on the radiator. Curtains may hang straight from valance to floor. With ROBRAS 20-20's in-the-wall, out-of-the-way, dust will not be thrown up to soil curtains or mar the walls.

ROBRAS 20-20 Radiators can be installed in the space between inner and outer walls in recesses from eighteen to seventy inches in length. They can be used with steam, hot water or vacuum systems.

Send the coupon below for our fully illustrated brochure "Proof of the Pudding."
CHEERY COLORFUL TILING gives new life and smartness to bath, laundry, kitchen or nursery

Transform that oft neglected bath or kitchen—Cover the sprawling, crazing cracks of old plaster with Upson Fibre-Tile and Upson Board! Give new charm—warmth—character to these rooms. Mail the coupon now.

YOUR friends judge you by your home.
To them it is an indication of your personality, your pride—your prosperity.
And of all the rooms in the house, the bath and kitchen are most apt to be neglected—drab—dreary.
Now these rooms may be rich in color—new in beauty—smart in appearance—by the use of Upson Fibre-Tile on wainscoating and Upson Board on upper walls and ceilings.
Your carpenter can apply the big, sturdy panels right over the old surface with little muss or delay. Or add the extra bath, so needed in the average home.
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Certified tests prove Blaun Center Upson Board and Upson Fibre-Tile excel in resistance to jars, blows, heat, cold and moisture, as compared with other boards tested.
You will like your Upsonized rooms. Tens of thousands of satisfied home owners have solved their wall and ceiling problems for all time by Upsonizing. We invite you to mail the coupon today.

UPSON BOARD and FIBRE TILE

The Upson Company, 310 Upson Pk., Lockport, N. Y.
Enclosed find 10 cents, for which please send me copy of your new booklet, "Characterized Walls and Ceilings," samples of Upson Board and Upson Fibre-Tile and details of your new Decorative Service.
I am interested in ____________
[ ] New Ceilings  [ ] Office Interiors  [ ] Tiling

(____) dispose of sanitary pads truly as easily as tissue....

(____) Madbrook.... also of Durock.... long bowl and seat.... large water surface....

(____) Improved Madera.... designed for needs so different today.... sanitary pads won't stop it up.... specially large trapway.... very powerful siphon-jet flushing.... quiet.... never hear it beyond the bathroom door.... made of the most beautiful china called Durock.... just wiping with a cloth keeps it spotless.... long bowl and long, comfortable seat.... stays amazingly clean.... water covers every bit of surface under the seat opening.... very latest thing.... any good plumber.... only $85)

MADDOCK

Mrs. Marion Holloway, THOMAS MADDOCK'S SONS CO.,
Ewing and Carroll Sts., Trenton, N. J.
Please send me the things I have checked below:
[ ] Information about the Improved Madera and sanitary pad disposal.
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[ ] The Durock Duck (I enclose 10 cents).

Name

Address

1919 The Upson Company, Lockport, N.Y.
FRANCE

where the man in the street is happier than a king!

France is an education... in painting, architecture, history, literature and the art of dining. -:- France is the arbiter of fashion, the home of the bon mot, the land where one's sophistication comes of age... these are the reasons she's the "other Country" of all men's inmost hearts. -:- Oh, no... France has the secret of the joy of life. -:- Through all her thrilling miles of mountains, plain and shore, France gives us flowers below, blue skies above... and there we find our youth. -:- If we've mislaid it... back it comes. -:- If we still have it... like calls to like, and here's the golden age we've dreamed about. -:- Just cross "the longest gangplank in the world", to the "France", the "Paris" and the "Ile de France", Weekly Express Liners that are flying call at Plymouth and Le Havre... a 3-hour boat-train Paris is ours!

French Line

Information from any authorized French Line Agent or write direct to 19 State Street, New York City

French Line Officers and Stewards Converse in English

LILACS WILD AND OTHERWISE

(Continued from page 116)

gardens; indeed, during the eleven years I wandered in China I sent back seeds of half a dozen different species, all of which are perfectly hardy in the New England climate and may be seen flourishing in the Arnold Arboretum. Later it was my good fortune to add two others from the mountains of Korea.

These Lilac species commence to blossom earlier than the Common Lilac, in fact, the very first of all Lilacs to bloom is one with pinnate leaves which I got on the Chinese-Tibetan borderland as long ago as 1904. But this is more curious than beautiful. On the heels of it blossoms another Chinese species (S. obiata and its variety, affinis) of which today there is a handsome race of hybrids. The last of the true Lilacs to blossom is S. Suanginsouzi, a rather recent comer from northwestern China. Then when the true Lilacs are finished the Tree Lilacs burst into a cascade of pure white flowers. Wild Lilacs really commence to flower three weeks ahead of our old and familiar friend, the Common Lilac, and continue for at least three weeks after the last of his ilk have shed their blossoms, so by planting wild as well as named garden sorts of Lilac the season covers from six to eight weeks.

In American gardens the Common Lilac is the best loved exotic flower. It is also one of the first brought to this country. Just when, or how it came, history is silent, but in the oldest settled places it is often the only sign of an old homestead. For parts of this country, where the summers are hot and the winters cold, there is no finer shrub than this Lilac. None is harderier, more floriferous and none gives so little trouble. Lover of lime and of good food, this plant is so accommodating that it will flourish anywhere except in swampy places. It cannot tolerate wet feet.

If the plants get old and decrepit, they should be cut to the ground and in the course of a year or so new and shapely bushes will spring up. The Common Lilac is European and so is one other species, the Hungarian Lilac. Another sort is peculiar to the Himalayas; the rest are confined to China and Korea, except for one (Continued on page 182)
Where Floors
get the hardest Wear!

The parts of the floor that your visitors see first—in hallways, around tables, in front of the radio, piano or chairs—are the places that get the hardest wear. Now—these prominent places can be just as attractive and beautiful as the rest of your floor. And they can be kept lovely forever with this magic quick polish—Old English Wax.

Think of Old English Wax as a thin, hard, transparent coat of armor that gives your hardwood floors an old world charm and really protects them like a glass top protects the finish of a desk.

Saves Frequent Cleaning
Old English Wax not only gives floors a lovely polish but it also removes dirt. And because of its hard, smooth finish, Old English Wax does not collect dust and dirt so quickly. Besides your floors are protected by a durable coat of wax that protects them against scratches, heelmarks, and wear.

Old English Wax costs less than ordinary floor waxes because you need not use so much—a little goes a long way, and the polish lasts longer.

Floors waxed with Old English Wax make a beautiful setting for your rugs and furnishings. With no other product can you add so much—a little goes a long way, and the polish lasts longer.

Old English Wax
PASTE & LIQUID POLISH

$5.10 Waxing Outfit for $3.90
1 Old English Wax-Polisher...... $1.00
1 Can Old English Paste Wax..... 35
1 Can Old English Liquid Wax... 25
Special Sale Price $4.75
You Save ...... $1.20
(Sale Price Denver and West $4.25; Can-

This latest word in exercisers and reducers has the advantages of good looks (radio speaker design cabinet, with art crackle finish), variable massage stroke control, wide and narrow belt (washable slip-over cover on wide belt) extreme compactness and portability, smooth, quiet operation. Pedestals and platforms are provided at slight extra cost where permanent installation is desired.

There is a new Savage—Model-B, at the new low price of $83.50—a junior to the famous Model-A priced at $122.50.

When "spring fever's" lassitude and lethargy dulls your pep, and you've no ambition to "go places and do things", least of all to exercise—it's time for health motor's vitalizing, stimulating massage.

The Savage Health Motor exercises away fatigue and fat, pleasantly, with least exertion and loss of time on your part.

Its "passive" vibratory massage and manipulation of muscles and tissues starts you off in the morning eager for the day's duties, speeds you home with plenty of vim left over for whatever the evening may bring. And used a few minutes before "taps", health motor induces sound, restful sleep.

Savage Health Motor
Exerciser and Reducer

Patents applied for by J. G. DeRemer

Prices given are East of the Mississippi

The better stores everywhere are demonstrating. Ask your dealer... or write

Savage Products Distributing Corporation
Dept. HS., Utica, N.Y.

Subsidiary of Savage Arms Corporation
Makers of the famous Savage-Stevens Sporting Arms, the Savage
Wringless Washers, and Savage All Electric Ironing Machines.
FRANCE: Dern Balsley, 78 Champs Elysees, Paris

I am interested in keeping and looking fit. Send me your story, "The Spirit of Health."

Name...
Street...
City...
State...
Lilacs Wild and Otherwise

(Continued from page 188)

Tree Lilac, which reappears in Japan. Everybody knows the Common Lilac. It is an intimate flower with one and all, one that we love to press to the nostrils, for the fragrance is exhilarating. To most people the Lilac, simply means the old familiar friend and in modern descendants, mostly of French origin. It will surprise many to learn that there are some twenty-six other distinct and beautiful species, some of them even harder than the Common Lilac, flowering as far north as Saskatchewan. The Himalayan Lilac (S. emodi) suffers somewhat in severe winters and late spring frosts often injure the blossoms of the Chinese S. affinis. But these are exceptions. Rarely it is that any suffer in the Arnold Arboretum and no shrub can flower more abundantly.

Each succeeding year in the Arnold Arboretum there is a close race between two Chinese Lilacs (S. oblatas and its worthy variety, affinis) to be the earliest to blossom, and usually the first-named wins. This is a sturdy, broad shrub of good habit and has handsome leaves, thick and leathery in texture, which in the autumn turn to a deep bronze-red or wine color. The flowers are large, pale lilac and very fragrant. The variety is a tall bush of loose, irregular habit and has thin branches and white sweetly fragrant flowers. The wild prototype of this Lilac was recently discovered in northern China, named variety affinis and reached us through V. Lemoine et Fils in 1906. This has mauve flowers which open about the same time as the type.

The next Lilac to open is S. pubescens, also native of northern China and introduced in 1882 to the Arnold Arboretum where it flowered for the first time in 1886. This is a free growing and free-flowering shrub with erect and rather slender stems, small hairy leaves and large clusters of pale lilac, fragrant, long-tubed, rather large flowers with dark violet anthers; it is one of the most beautiful of all Lilacs. These Chinese species are the heralds of Lilacdom. In rapid succession they are followed by the numerous progeny of the Common Lilac.

**The Persian**

After the Common Lilac has finished flowering, or nearly so, the Persian Lilac (S. persica), with huge clusters of small fragrant flowers which weigh down the slender branches, assumes the throne. This lovely Lilac was cultivated as early as the middle of the 17th Century but it is now all too seldom seen in gardens. In cultivation it is a broad and shapely bush of medium height with small leaves and a remarkable habit of branching. The type has pale rose-purple flowers, and so, too, has the form laciniosa with deeply incised leaves; there is also a white-flowered variety (alba).

Closely related to the Persian Lilac is S. pinnatifolius, a new-comer which I had the pleasure of discovering in the wild borders of China and Tibet and of introducing to cultivation in 1904. This species is remarkable in having pinnately divided leaves and in which character is distinct from all others. It has small flat white or pink flowers borne in pyramidal clusters, but thus far, under cultivation, it has not flowered freely and unless it improves with age it will be considered a curiosity only.

Another new species I discovered is S. julianaei, a broad shrub scarcely exceeding six feet in height but twice that in diameter, with twiggv branches and small hairy leaves. Its rather small clusters are very freely produced, and the flowers are fragrant and have violet colored anthers. It differs from other Lilacs in having the stalks of the inflorescence and of the individual flowers and also the outer surface of the corolla-tube a deep purple color; the inner surface of the corolla is white, so that the flowers open the inflorescence is purple and white in pleasing contrast. It flows toward the end of June.

**From Thibet**

A late-flowering species is S. sertaschnana. I saw this plant in flower for the first time on July 9, 1908, on the frontiers of eastern Thibet at an altitude of 9,000 feet and thought then that I had never seen so handsome a species of Lilac. It has foot-long panicles of pink to rosy lilac flowers; on other bushes they were nearly white. The plants were from eight to fifteen feet tall, much branched yet compact in habit, and the weight of flower clusters made them conspicuous from afar. The leaves, oblong, lance-shaped or rather broader, are from four to six inches long and more or less hairy on the underside. In 1904 I had collected in the same locality several white Lilacs and very successfully introduced it into cultivation.

Of the late-flowering Lilacs the best known and perhaps the hardest is S. salicifolia, native of northern China, introduced into the Arnold Arboretum in 1882. It is a large shrub of excellent habit with erect, rigid branches and oblong-lance-shaped pale green leaves. The flowers are rose-colored, pink or nearly white, but have an unpleasant odor. It is, however, a first-rate garden shrub, exceedingly floriferous, very valuable for its hardness and for its late flowers. Very similar in habit but with bluish purple flowers is the Hungarian Lilac (S. josikiana); though much inferior to its Chinese relative as a garden shrub it has proved valuable as a parent.

The Himalayan Lilac (S. emodi) is among the last of the true Lilacs to flower but is less hardy than any other. It is a large bush or bushy tree, occasionally eighteen feet tall, with oblong pointed leaves, light yellow-green above, silvery and hairy below, and bears long, narrow clusters of white fragrant flowers. In 1928, the last of the true Lilacs to flower in the Arnold Arboretum was S. sawatscounzou, a new-comer from northeastern China. This is a shrub of rather slender dark red branches and twiggy branchlets, dull, dark green, sharp-

(Continued on page 186)
**At country place or wherever guests foregather... entertainment displays a benevolent sophistication when POLAND WATER is served**

**CORN IN VINEGAR**

A unique vegetable-in-glass product...indescribably delicious. One of the countless delicacies of the Sherry kitchens, or importations with Sherry approval, available through this latest Sherry service.

75 cents per glass jar
...$8.75 per dozen
Mail orders filled
(Parcel Post extra)

**Young Appetites**

Specialists in diet at Battle Creek have combined three great appetizer foods in one delicious breakfast food. Lawrence California has, picked beans and yeast extract; Scrilla, Pig Bran is a great food for growing children. Its taste makes better breakfasts every day. It is a rich source of vitamin B, and stimulates growth. It also helps in reactivating body functions and makes it easy to keep fit. Both young and old enjoy its wholesome, natural flavor. Pig Bran is served daily at the famous Battle Creek Sanitation. You can also enjoy all Health Foods Centers, for the young or old, by mail order. Write for this colorful, free illustrated booklet describing various Battle Creek Sanitation.

THE BATTLE CREEK FOOD CO.
Dept. 101, Battle Creek, Michigan

**DYER & DAVIS' SQUAB SOUP**

A condensed soup with a flavor of surpassing delicacy. Rich in phosphorus and lecithin for invalids. A supreme event on any menu. At your dealer's or by mail 15c for each 10 oz. tin.

Other Dyer & Davis' Squab products are—Whole Roast Squab in Jolly. Large tin $1.25, medium $1.10, Petite de Luxe, a supreme squab paste for sandwiches, etc. 1½ oz. jar 45c, 3 oz. 75c, Express prepaid.

W. A. TAYLOR & COMPANY
Sole Distributors
94 Pine Street, New York City

**A MERICAN CHEESE — from the famous Wisconsin cheese country!**

Rolling meadows—clear, sparkling brooks—fat healthy kine—no wonder rural Wisconsin gives the world such wonderful cheese as Glendale!

By the distinctive Glendale method, rich cream milk is made into genuine old-style American Cheese with that deliciousasty tang. Rare-flavored and delicious, you and your guests will agree this is the finest fromage for entrees, salads, hors d'oeuvres, and all cooked dishes. Not pasteurized or blended. Will not get stringy or lumpy. Special select grade. Foil-wrapped, 2 lb. package $1.50 postpaid. Send money order or check for any number of packages. Specify whether you prefer the white or yellow cheese.

GLENDALE DAIRIES, Manitowoc, Wisconsin

**Raffetto NESSLELO**

from your electric refrigerator

For those quick famine desserts, here are French Marrow, Assorted Fancy Fruits, and Rhum Punch Flavor in a chef's combination—Raffetto NESSLELO—ready to mix in or spoon over ice cream. A collection of bridge party recipes in this enticing glass jar... ready at your dealer's or send 85 cents for 11-ounce or by mail (enough for two quarts). G. B. Raffetto Inc., 410 W. 116th St., New York City, N. Y.

**Those irresistable Caviarettes**

"He's coming!"
"I can read, too!"
"Mother, I'm not lost!"
"He is so fond of Caviarettes!"
And they had Caviarettes for dinner...

...and here's one way to win everybody. Put a Caviarrette on the plate. Then put the crust on for Caviarette. And they eat it. A Caviarette dear friends, is a diamond-shaped "raised edget" black olive which is packed in a glass jar and covered with a thin cream sauce for service or, if you please, for cold, room-temperature salads. Put in fancy preparation.

**CAVIARETTE**

At almost any grade shop. If you do not locate Caviarette, send dealer's name and address to THE BATTLE CREEK FOOD CO. 101 Battle Creek, Michigan, and a sealed tin of 2½ Caviarettes will be shipped to your post office; three tins $2.25. The hit of the season.

MAYER & LANGE
121 Greenwich St. New York City

**SOLAY**

**to KEEP An indispensable reserve food supply among your emergency shell goods.**

**to PREPARE Serve cold instantly. Heat through and brown for baked ham.**

**to SERVE Slices from end to end to bone, no skin, no waste of any kind—all ham.**

At leading stores, or write, naming dealer. Geo. A. Hormel & Co., Austin, Minn.

**Whole ham 6 to 10 lb.**
$5.00 to $7.00
**3 to 2 lb.**
$3.50 to $5.00

**Louis Sherry**

TABLE DELICACIES SHOP
Madison Avenue and 62nd Street
NEW YORK
Sewage discharged into a Kaustine Septic Tank is disintegrated into a clear liquid that passes into the ground where it is readily absorbed.

RUST-RESISTING ARMCO INGOT IRON SEPTIC TANKS

A Kaustine Septic Tank permits city conveniences in rural homes. Underground, out of sight, these famous tanks are a permanent investment that pay for themselves over and over again in health, comfort and happiness—and besides, they add a permanent resale value to the properties they serve. Kaustine quality is the recognized standard—the only septic tank made of genuine Armco Ingot Iron. Yet it costs no more than many inferior steel tanks.

Kaustine SYSTEMS for Sewage Disposal

Now that summer and warmer weather are here it is easy to forget such things as home heating. But are your memories of last winter's heating problem pleasant ones? Did you ever wish you could just “press a button” and know that your home would always be properly heated?

Then plan to install a Johnson Automatic Oil Burner now and realize this wish. Furnace tending is ended forever. Your home is always warm—at just the temperature you like—no matter what the weather.

There is no fire to bank at night. No oven heat one minute and shivering the next. And all this is done automatically, you need not lift a hand. The Johnson Automatic Oil Burner, installed at your furnace door, and a thermostat on the hall or living room wall do all the work for you.

Carefree—Economical

But this is not all. The Johnson Automatic Oil Burner brings cleanliness by eliminating all dust, dirt, the coal bin and ash cans. Your basement may easily be transformed into an extra room, as livable and as clean as any other room in the house.

Kaustine Septic Tanks are guaranteed to the properties they serve. Kaus-...
Why "Number Seven"? To have a sharply distinctive name for a sharply new idea—a color band around the cap to signal at a glance the kind of point. A system original with Waterman's that is revolutionizing pen selection.

Why Seven Points? To permit wide selection by meeting every pen-lancy and pen-need. One of these points will precisely fit your taste, whoever you are.

Why Seven Dollars? To put the most reasonable possible price upon a pen embodying the greatest possible quality—larger ink capacity, simple self-filling device that locks, stainless and perfectly balanced Ripple Rubber holder, and Clip-Cap.

Waterman's number 7 with 7 points at 7 dollars means accurate selection made in a few moments—and satisfaction for life.

At any one of our fifty thousand dealers try all the seven points—the dealers expect it and are glad when you do. One of the 7 is exactly the point you prefer.

Guaranteed Forever Against All Defects

L. E. Waterman Company, 101 Broadway, New York
Boston Chicago Montreal San Francisco

Use Waterman's Inks Sold Everywhere
LONDON is again wearing its “season” smile . . . and gorgeous Covent Garden opens its doors for the first opera of the year. Lady Muriel Lance®, looking remarkably lovely, can be found in her box on the first tier. She wears a gown from Callot and exquisite jewels. Her appearance is enhanced, as always, with one priceless possession that is hers, a complexion as clear and fair as the summer sky. Lady Muriel knows but one toilet soap, Yardley’s Old English Lavender. From the beginning this soap has proved so pure, so soothing and stimulating to her skin that it seemed needless to use another. Yardley’s sheer face powder protects her complexion from all types of weather. Many English women, as Lady Muriel, use Yardley products exclusively. Many of these exquisite toiletries carry the cool fragrance of lavender. They are England’s best, obtainable anywhere in America. “The Luxury Soap of the World,” box of three cakes $1, or 35¢ the cake; “Old English Lavender,” in sprinkler bottles from $1.25 to $1; Face Powder, $1; Compact, $1.25; Talc, 50¢; Sachet Tablets, 25¢; Shampoo, 15¢ the cartridge; Bath Salts, $1; Dusting Powder, $1.50. Yardley, 8 New Bond Street, London; 452 Fifth Avenue at Fortieth Street, New York; also Toronto and Paris. *Out of deference to our clientele we have refrained from using actual names.

Yardley’s Old English Lavender Soap

Established 1770
Not merely Tile--
FAIENCE TILE

Faience is the most beautiful of tile. It has texture. Its colors are a harmonious medley of delicately varied shades that heighten its charm.

Kraftile is the high-fired faience tile, with remarkable strength and durability.

It is made by an exclusive monolithic process. Its enamel is not a veneer, but is fused inseparably with the hard-burned clay body. Kraftile is proof against cracking, crazing, fading, heat, cold and wear.

In plain shades and decorative designs. For exterior and interior walls and floors; for kitchens, sunrooms, bathrooms, halls, stairs, arches, pools, courts and plunge pools.

There is a Kraftile craftsman near you. Write to us for his name.

Kraftile
PRICELESS JEWELS OF ARCHITECTURE

KRAFTILE CO.—Main Office and Factory, Niles, Calif.
beauty and security

That is all you can ask of the hardware in your home. You must not be content with less. Yale Builders' Hardware is famed for its beauty—that beauty which conveys the final, exquisite sense of refinement.

Its security, among the discriminating, is a by-word for maximum protection.

Yale Locks and Hardware are sold by Hardware Dealers.

The Yale & Towne Mfg. Co., Stamford, Conn., U.S.A.

Yale Marked is Yale Made

Lilacs Wild and Otherwise

(Continued from page 182)

pointed leaves and long narrow clusters of delicately fragrant blossoms. The flowers, each about half an inch long, are discolored in bud and nearly white when fully open.

The Tree Lilacs, of which there are three, all native of northeastern Asia, differ from the true Lilacs in having a short corolla tube and protruded stamens. They are small trees with broad, much-branched clusters of white flowers of unpleasant odor. They blossom when the flowers of the latest of the true Lilacs are fading. The first of these Tree Lilacs to bloom is S. amurenensis, from the Amur region of northeastern Asia. This is a bushy tree with dark green leaves and flat, spreading and slightly drooping clusters of ivory-white flowers. The next to open its flowers is S. pekinensis, a native of northern China, as its name suggests. It is a large bushy tree from twenty-five to thirty feet high and as much through the crown. The branches are more or less pendulous at the ends and are clothed with lustrous reddish brown bark which separates into this layers like that of certain Birch trees. The pointed leaves are long and narrow, hang gracefully, and are surmounted by half-drooping flower clusters which are flat and unsymmetrical and smaller than those of the other two of this group.

late flowering

The last to flower is S. amurensis japonica, best known of the Tree Lilacs. This is common in the forests of central Japan and increasingly so northward and throughout Hokkaido. At its best it is a round-topped tree from thirty to forty feet tall with a clean, stout trunk covered with smooth, lustrous bark like that of a Cherry tree. Leaves are large and flowers are borne in erect clusters.

The Common Lilac is native of the mountains of Bulgaria and was introduced into Western Europe by Gerarde in 1597. It is not known when, or by whom, this Lilac was introduced into North America, but Washington wrote about it in his diary and planted it at Mt. Vernon where his plants or their descendents are growing to this day.

During the last sixty years horticulturists, especially those of France, have paid great attention to the Common Lilac and the result has been a plentiful of beautiful shrubs. In fact, virtually all the plants known in a general way as Lilacs have been derived from S. vulgaris, as already mentioned, the ordinary colored and white forms of the Common Lilac will withstand considerable hardship and abuse, but their progeny demand good soil to give the best results. A well-drained, rich, loamy soil suits them best and if it contains a certain amount of lime so much the better. Full exposure to the sun and air is necessary and their beauty is displayed to best advantage when the plants are allowed a sufficiency of space in which to develop. A couple of decades ago it was customary to propagate Lilacs by grafting them on understocks of the Common Lilac, but this precarious practice has met with the opprobrium it merits and today any dealer selling plants so propagated deserves to be ostracized. It is the nature of most Lilacs, and of the Common Lilac in particular, to sucker freely and this alone demonstrates the necessity of their being on their own roots. If the plants get unshapely or too large, own-root Lilacs may be cut to the ground with advantage for they will spring up and soon make shapely bushes again. Cuttings three to four inches long of green wood taken in early June, or of thin but firm half-ripened wood taken from mid-July to early August, and inserted in sand on a spent hotbed, or in a frame and kept close, will root in about six weeks and in three years make nice plants; also they may be budded or grafted low on the Common Privet. By this method, although I do not recommend it, salable plants are produced in two years. But, after all, there is no valid reason for propagating Lilacs other than by cuttings, for by this means the particular variety is on its own roots and the advantage to the garden lover is obvious.

In the Arnold Arboretum about two hundred named varieties of the Common Lilac are cultivated. In Highland Park, Rochester, New York, where great attention has been given to these plants, there is the most complete collection of the varieties of the Common Lilac to be found on this continent.

If the best only be desired no great number is necessary, for within the limits of a couple of dozen the best and most desirable kinds of the Common Lilac may be had. In recent years many of the seedlings raised, named and sold by nurseries show no improvement on the older varieties. The beauty limit appears to have been reached and it is evident that no great additional improvement can now be expected from seedlings of the Common Lilac. But granted that two dozen will include all that is best, the selection is ominous and difficult since individual taste is all-important. Some people do not like the double-flowered sorts and others have preferences for certain shades of color. I am without prejudice or bias in these matters and of the sorts of the Common Lilacs of proven merit I would select the following two dozen:

single lilacs

Congo: Dark red-purple
Gloire de Moulins: Pink
Justi: Blue
Ludwig Spash: Dark red-purple
Macrostachya: Delicate pink turning to white
Mme. F. Morel: Amethyst-rose
Marceau: Purple-violet
Maurice Barbin: Azure Lilac
Monge: Dark purple-red
Prince Alexander: White
Riauxan: Dark carmine
Turenne: Purple-violet
Vestale: White, a superb variety in every way
Valcan: Dark red-purple

(Continued on page 212)
Recipe for a doorway that's different!

Take two happy young folks intent on making their home-of-dreams come true; add the inspiration of an architect or builder. Now to this combination bring the captivating charm of McKinney Hardware — "The Jewel of the Home" — and presto! There's your doorway ... interesting ... individual. Not only is McKinney Hardware for entrance doors, but for interior doors as well. Cupboards, too, and garages and gates, hinge straps, handle sets, etc., in authentic English, Colonial, Spanish and other designs. All marvelously rust-proofed; sturdy and rugged.


The Modern Window Screens

**Rolscreens**

- No Spring Re-hanging
- No Fall Storing

Write for illustrated Rolscreen booklets

The "old time" screens were a strain on the family semi-annually until they were down in the fall or up in the spring. All that is over now. Rolscreens are a part of the windows. At a touch they are up and stored out of sight.

With no unsightly frames and the special non-rust electro-plated "AluminA" wire which allows a clear vision, Rolscreens endow a practical necessity with new beauty. These modern screens are built to last a lifetime and are fully guaranteed.

**Rolscreen Company**

255 Main Street . . Pella, Iowa
Grace the occasion with charm and character . . . . use Genuine Engraving

For this, the most important of all events, you are determined that everything must be in perfect taste. Wedding Announcements and Invitations will be closely scrutinized. In this important matter take no chance of substitution. Only genuine engraving is accepted by those who set social standards. You may identify genuine engraving by the symbol pictured here. Be sure that this mark is affixed to the engraved material you buy.

Genuine Engraved Business Cards
Open Closed Doors

ENGLAND'S GARDENS OVERSEAS
(Continued from page 121)

is a better digger than a Javanese or Malay; he is more easily trained to be tidy and will water thoroughly and quickly, but he is not very good at striking cuttings, here he is excelled by the Javanese and both of them are miles ahead of the Malay, though all of them will do their best and kindest for the masters who treat them as children, justly and patiently. In the hot countries so much depends on the native gardener that the first step towards making a beauty spot in the wild is to find out quickly how to make best use of the labor at hand.

Soil varies no more nor less overseas than it does in England. That sounds fantastic but it is true. There are gardens that I know, at home, where rock-outcrop, clay pockets, chalk subsoil and sand can be found within the hedge boundaries. Garden soil the world over is made soil, and some is harder to make than others. That is all the difference. I am persuaded that there is no soil anywhere to be found that will not grow something; the genius of the true gardener lies in making a pleasant picture out of what is happiest in his own soil.

There were the "badlands" of Tasmania with soil of rotted granite which one could not even plant in. Today those are the high-priced lands which produce the hard, sweet, juicy Apples of commerce. I can still remember the stories told me by the men who first grew Wheat on the waste prairie lands of Canada. Today those are the high-priced lands which produce the hard, sweet, juicy Apples of commerce. I can still remember the stories told me by the men who first grew Wheat on the waste prairie lands of Canada. Today those are the high-priced lands which produce the hard, sweet, juicy Apples of commerce. I can still remember the stories told me by the men who first grew Wheat on the waste prairie lands of Canada. Today those are the high-priced lands which produce the hard, sweet, juicy Apples of commerce.

Climate is a less amenable matter than soil. In Kenya Colony the residents skate in fur coats and sun helmets, yet they are able to grow most things. One of the loveliest word pictures I have ever heard was of a Kenya garden. It was told me in a medieval cottage in Kent, a lovely crooked old composition of oak and plaster built by men of the Weald in 1320. Over a great fire of oak logs a woman described her mile-long avenue of Mimosa in Kenya—a mile of feathery golden sprays, a mile of fragrant fountains of gold, looking onto an "Iris hill." At the end of the Mimosa avenue was a tall hill the sides of which she had planted with blue Irises that bloomed in splendid waves each year. A hill of blue at the end of a mile of gold—the picture will stay with me till I die.

The icy blizzards that sweep the Canadian prairies create a difficult problem for garden-makers to solve and until they learned to garden behind tall shelter hedges they met with little success. Such flowering shrubs as Spirae and Hydrangea are magnificently grown in the Dominion. The Canadians make a lovely miracle of their Peonies and they have a wealth of uncollected treasure in the floral species of the Yukon. A fine civic sense is displayed by such front gardens as the ones in Vancouver.

Australia has a parched summer, which means that the succulents enjoy life to the full. Most interesting little wretches, many of them are, with their queer furtive ways of disguising themselves so that they look like pebbles or small animals and then suddenly burst brilliantly into incontinent bloom! There are gardeners who make a specialty of succulents. With infinite pleasure I recall one who gardened on a kopje in the prettiest suburb of Johannesburg and where I puttered happily through a long, hot day among my host's astonishing pets.

But the succulent garden with its Cacti, its Aloes, its diversified Mesembryanthemums, its Stapelias, Opuntias, Agaves, Cereus, Koryledons, Echeverias and Sedums is not for (Continued on page 196)
screens don't wear out
They Tear Out

The poor mistreated screen door... visitors treat it with a shove and slam... youngsters stab their fingers at the meshing; flick it open with a kick.

To stand all this abuse the screen doors of your home, as well as the windows, should be covered with a wire cloth that has stood up against the hardest kind of use for years and has proved itself durable, rust-resisting and attractive... New York Wire screen cloth.

OPAL is a heavily zinc coated wire screen cloth made from the best hard drawn steel wire, full gauge and perfectly woven. Its protected White Satin finish blends well with any color or type of home.

LIBERTY Golden Bronze is made of hard drawn bronze wire, non-corrosive, strong, resilient, perfectly woven with uniform mesh and straight lines. It has a beautiful rich gold color.

LIBERTY Antique Bronze is made of the same high quality non-corroding, hard drawn bronze wire, full gauge and perfectly woven. It has a beautiful dark rich antique color, making it practically invisible.

T it took thousands of hours of consideration and experiment to achieve the unrivaled sweetness which greets the eye today when one opens the doors of a Bohn pure white porcelain-lined refrigerator. And what refreshes the mind reacts pleasantly on the appetite.

Then it dawned on the minds of the makers that it was hardly fair to require people to open a door to be refreshed. Why not provide a definite feeling of security about food preservation by having refrigerators white as the driven snow, without and without?

This desire to guarantee the health and happiness of mankind and at the same time please the eye with an attractive article of furniture, culminated in the creation of the scientific, pure white Bohn porcelain enamel refrigerator.

Bohn is the world's largest manufacturer of all-porcelain refrigerators.

Bohn Refrigerator Company
Saint Paul, Minnesota
New York Chicago Boston

Bohn SYPHON REFRIGERATOR}

...a gallon or a glass of Orange Juice!

...in a jiffy!

An important electrical device has been perfected for extracting Orange and Lemon Juice by the gallon or glass—at home! It answers all questions of service, day—and night. Guests call it "The Life of the Party." But, it's just as efficient getting the breakfast orange juice all-set in time for family folks to catch the 8:19.

This friendly device has not only been proved but is unconditionally guaranteed by the California Fruit Growers Exchange to do a great home job under exactly—and stressful conditions. Strong and handsome, the Sunkist Junior stands 10 inches high and weighs six pounds.

The whirling cone extracts all the Orange or Lemon juice without the usual mussiness and does it so well that family competition to conduct the ceremony becomes intense. And, then there are but two movable parts to clean under the faucet! Pretty—and all's ready for the next session! Here's "the life of the party!"

Sunkist Junior

Electric JUICE Extractor

It answers all questions of service, day—and night. Guests call it "The Life of the Party." But, it's just as efficient getting the breakfast orange juice all-set in time for family folks to catch the 8:19.

This friendly device has not only been proved but is unconditionally guaranteed by the California Fruit Growers Exchange to do a great home job under exactly—and stressful conditions. Strong and handsome, the Sunkist Junior stands 10 inches high and weighs six pounds.

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**Bohn SYPHON REFRIGERATOR**

Bohn Refrigerator Company
Saint Paul, Minnesota
New York Chicago Boston

Bohn SYPHON REFRIGERATOR
WON'T waste gas ... Cuts fuel bills

Everyone—these are intimates over
which the cramp-pate pores, lost in the
Land of Wonder. Succulent gardens
do not catch the emotions or stir the
senses as do those other Australian
gardens of sand and sun-scorched
scrub where the many species of
damperans flourish, and the
fountains of Coomununda, the
gaily blossoming shrubs of Nutugas
floribunda and Calycibis florevescens,
the Flowering Guns and the Temple-
tonias abound. Trails of exquisite
Kennedya and Hardenberghias are used
cleverly over pergolas and arbors,
blooming watersheds of showers of
pink, rose, mauve, and blue and violet.

Ask any Australian garden-lover
what plant will make him homesick
for his arid plains, for the dim blue
reaches of Gun-bush and the blazing
avenues of scarlet-flowering Eucalyptus
leading to the homestead, homesick
for the merry face of the little tree-
bear, for the clear gong-note of the
bell-bird and the rollicking laughter
of the Koelkoozees at dawn? He
will say in a drooping voice, homesick
at once, "Boronia!" There is that
about the intensely sweet fragrance of
the homely little brown and yellow
Boronia which takes every Australian
by the throat and wrings him with
thoughts of home.

Truly, there is something more in
this garden-making business than
shows on the surface. The men
and women who have grown up in the
company of certain flowers and asso-
ciations of colors and fragrances with
the memory of home have had woven
into the tissue of their consciousness
a sweet influence which will move
them all their days.

THE RED GUMS

The fact that Australians are begin-
ing to plant their wonderful Red
Guns in avenue formation proves that
the instinct of the landscape gardener
is awakened. The flowers of Red
Guns have pink buds, smooth as coral,
each capped with a little disk of pink
toiled with white. Presently the cap
comes off and shows a crimson
plotted scarlet underneath. This soon
burst out into a fluffy fringe
of scarlet round a cup of apple green.
It is like a jade thimble which wears a
filling of red fringe round the brim.
Looking closely into the jade thimble
one finds it hung with large beads
of honey. The flowers grow in
ponytes or trusses, on widespre, easy
stems. There is nothing stiff or
formal about the Flowering Guns;
they are startlingly effective in the
mass and all grace and flowing beauty
is theirs to individual.

There is more actual garden design
in New Zealand than in Australia. It
is an island country, watered with soft
moisture. The land of river and mountain
where fruits and flowers, shrubs and
creepers grow in wildest profusion.
Most of our Veronicae come from
there and its hills are gay with blis-
ning Clematis. The worst weed in New
Zealand is Sweet-briar. The population
is very small compared to the sister
isles of England and Japan, but the
home sense and garden sense are alert.
Duffidoll and Rose growers in New
Zealand are well known to the North-
ern Hemisphere. The possibilities of
Alpine gardening in South Island are
much as such as to make the artificial
turf gardener grind'its teeth in envy. New
Zealanders have long appreciated the
possibilities of their Rock gardens
and make gardens of them, with Roses
used as they should more often be
used, in the shrub form, with carpets
of bulbs below. Rosa Moiselle,
veranancia, rubrihollia and all the
hybrid Musk of Pemberton's famous
family are examples of the species and
varieties which are best used that way.

They are islands of Liquorice
ambur in New Zealand?

The gardens of India and of
Maitya are gardens of the plains,
which means that, in the sense in
which a European or a South African
uses the words, they are hardly gardens
at all, for the climatic conditions are
so exacting that the life of flowers is
exceedingly short. Matters are dif-
fierent in the hills, but so far as
Maitya is concerned there is, as yet,
no plantation development.

A GARDEN WORLD

On the hills of Kashmir many beau-
tiful spots are to be found. There, all
the world is a garden, both cultivated
and in the wild. Native trees are
lovely beyond compare; the ground
is carpeted with Tulips, Muscari,
Irises and bulbous plants of every
kind. Nature has flung her jewels
about in brave disorder; man has but
to place them harmoniously in the set-
ing of his homes, in the nooks of his
rocks, by the sparkling streams and
under his shelter hedges and treed-beds.

One of the unforgettable memories of
India is the blue of the Violets in the
frontier gardens where the wives of
British soldiers persist in growing
them, despite arduous lives spent in
the face of constant peril. Violets
grow over every rock and wall, in
smelling, scrambling, carpeting,
blue and fragrant.

The gardens of South Africa are
the loveliest in all the Empire. Long
years ago the Dutch brought in
varieties which are best used that way.
Vegetables that were the constant
bane of existence have long since
passed from Cape Province. One
to or two of the Dutch settlers' gardens
remain. That at Bishopscourt is a good
example; it was planted by van Riebeck
with Oaks and Almonds, Stone Pines
and Chestnuts, and more ephemeral
things. Archishops as a class do not
see much given to gardening, but the
wife of the present Bishop of Cape-town has that inner ear which
can hear the story of the long-ago
gardener in a neglected wilderness.
She has modeled a wonderful pleas-
aunce with water gardens, pergolas,
lawns and herbaceous borders under the
shade of the old Dutchman's well-
loved trees, the seeds for which he
loved was that inner ear which
can hear the story of the long-ago
gardener in a neglected wilderness.
She has modeled a wonderful pleas-
aunce with water gardens, pergolas,
lawns and herbaceous borders under the
shade of the old Dutchman's well-
lived trees, the seeds for which he
loved was that inner ear which

The New Insulated Oven Thatcher Gas Range is available with leg or cabinet base. Both models with either right or left hand ovens.
The generous hospitality of the Plaza Chair wins the admiration of the discerning hostess. For sun porch, lawn, roof garden, yacht, country club and hotel, it is the outstanding achievement in a folding chair! The Plaza folds so easily in a single motion and remains standing when folded. It is sturdily built and the wooden frame lacquered in Jade Green, Deep Orange, Chinese Red, Ebony Black and Natural, or finished in Maple, Mahogany, Oak or Walnut, matching any style of furniture. The back and seat are fitted in a color-fast durable fabric, double faced and weather-resisting. A wide variety of colors and designs makes it possible to have Plaza Chairs blend with your choice furnishings...$6.50 at the better shops everywhere or pre-paid.

Let your dealer show you the Plaza Folding Chair and ask, also, about the Deluxe Plaza and the Juvenile Model.

The Plaza folding chair
SMART
In Appearance
Roomy and Comfortable

The same SELECTOR Hanging System that made INNOVATION the Wardrobe Trunk...now available for all your closets. Keeps clothes fresher...easier to put away...easier to take out. Doubles capacity. Saves space in clothes and space. Other closet Hanger sets from $5.00 to $28.50. Write us for our new closet plan booklet, "Doubling Your Closet".

INNOVATION TRUNK COMPANY
Show Room for Closet Fixtures
13 EAST 47th STREET
NEW YORK
STORES:
(10 EAST 47th STREET, NEW YORK
(411-17th STREET, DENVER, COLORADO

SCREEN YOUR HOME
With "PEARL"

NOW is the time to protect your home and the health of your treasures against germ-carrying insects night and day. Keep them out with PEARL Wire Cloth.

PEARL Wire Cloth is a health as well as a comfort necessity. Due to its special process metallic coating it is cleanest, most beautiful, and most economical—for it is longer lasting. Buy only the Genuine, which has two copper wires in the selvage and our red tag on every roll.

Write our nearest office for samples and descriptive matter. Address Dept. "K"
THE GILBERT & BENNETT MFG. COMPANY
NEW YORK GEORGETOWN, CONN. CHICAGO KANSAS CITY

PEARL is made in two weights—regular and extra heavy.
The best hardware dealer in your city sells "PEARL"
Whether dining en famille or in ten-course state, Guasti Cooking Sherry imparts an indescribably delicious flavor to cookery that lingers longer in the memory than father's best anecdote. Guasti Cooking Sherry is not a flavoring extract but a real fine, full-bodied old sherry with enough salt added to remove it from the Leviticus class, yet just enough to season foods for the average taste. It is now legally available at leading grocers.

—and here’s a “different” kind of recipe book

Allow us to send you a copy of “Treasured Flavors” with our compliments. Please address Dept. 708 at our branch nearest you.

Delicious Wine Jellies

Italian Vineyard Co. also makes the famous Guasti Wine Jellies in five different flavors. Obtainable at the better grocers.

ITALIAN VINEYARD CO.

Operating the largest vineyard in the world. Established 1883.

Los Angeles, Calif., New York, Chicago, New Orleans

4246 Palmetto St., 11 Hubert St., 491 Milwaukee Ave., 628 Godchaux Blvd.

The beauty of a casement is here realized to the full, because the inner-screen never has to be opened. A touch on the Win-Dor operator swings the casement wide, or draws it shut—tight! No flies enter, no curtains are soiled. Win-Dor operators lock casements positively and automatically in position—rattle-proof, gale-proof, secure! For wood or steel casements.

This handsomely illustrated brochure tells all that you've long wanted to know about casements.

A fascinating, beautiful book. Send for it today, enclosing ten cents.

THE CASEMENT HARDWARE CO.

402-C North Wood Street • Chicago, Illinois

CASEMENT HARDWARE HEADQUARTERS

Russell Green River Cutlery

Manufactured by

JOHN RUSSELL CUTLERY CO.

of

Turners Falls, Massachusetts
No room in the house makes greater demands upon its floor than the kitchen. With modern architecture and modern household equipment, the kitchen has become a place of genuine beauty. Yet a kitchen floor must have more than a fine appearance—it must have the essential qualities of long wear and cleanliness.

Goodyear Rubber Tiling fulfills all these requirements. It has charm of color—design—texture. It has laboratory cleanliness. It is especially long wearing. It is impervious to moisture. And it is silent and resilient under foot, lightening the many steps of cook or housewife.

Goodyear Rubber Tiling offers a wide range of colors and patterns desirable and suitable to any room in the home. We will gladly advise, entirely without obligation, on the installation of distinctive and permanent sanitary floors. Just send the coupon for valuable booklet.
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L. W. BRONWELL

T. erectum, native of our eastern woods, is a dull, dark red and sometimes effective in masses, though its stem does not encourage close examination.

MAY CALLS THE TRILLIUMS

(Continued from page 115)

most effective plantings I ever saw was on a shaded bank where large irregular groups of the great white Trillium had been set among Christmas Ferns (Athyrium cristatochidius), and all about the bank that little old-fashioned flower, the Star of Bethlehem, had seeded itself, its white star not competing with the larger Trillium flowers, but gleaming charmingly among the Fern fronds. As the Christmas Fern remains green all winter this bank has no shabby or undressed season, and in its prime the effect of the green and white color scheme is infinitely cool and satisfying.

If a bed for Trilliums is being made in the rock garden or along a north-facing wall, the soil should be taken out to a depth of at least eighteen inches and the excavation filled in with a mixture of good light loam, peat and leaf mold in equal parts. Where such large plantations are being made that this thorough preparation is not possible, at least the ground should be well broken up with a digging fork and a considerable amount of peat and leaf mold incorporated with it. If the natural soil is of a clayey nature the addition of sand and decomposed leaves will greatly help to bring it to a proper consistency.

In planting Trilliums it should be borne in mind that it is in groups and colonies that all the kinds appear to best advantage. A single plant counts for little; not less than six of a kind should be planted, and if you have space and purse for hundreds—or thousands—you will not regret planting them upon such a scale.

(Continued on page 198)

From the West comes Trillium sessile californicum, a species with large, fragrant white blossoms nestled in the three shining leaves. It is perfectly hardy.
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The beautifying effect of modern radiator cabinets is conceded; their cleanliness and healthfulness are well-known; their economy of fuel has been demonstrated. Only high cost stands in the way of their more general adoption—just as it once limited the use of automobiles and many other things. The manufacturers of Radkover Radiator Enclosures have solved the problem by the use of standard elements, economically produced by volume methods.

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Neal Obstacle Golf occupies a space no larger than the old-fashioned croquet court on your own front porch. Just steps from the house, the nineteenth hole is always ready for a few minutes of sporty play. Its fun to have the first tee six yards in front of the house, the ninth hole on your own front porch. Just time for a game in the half hour before dinner. No danger of a ducking in threatening weather. Neal Obstacle Golf is always ready for a few minutes of sporty play. If your sporting goods dealer cannot supply you, we will ship a set prepaid to your home.

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Gone are the days when one went to a store, selected furniture covered in an attractive-looking upholstery... and trusted to luck that the fabric would wear satisfactorily.

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So the poet sang, but wasn't he wrong?

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Made in soft, enduring colors, with heavy, rough butts which cast deep, delightful shadows on the roof, these are known as—

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Ambler
Asbestos Shingles

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ASBESTOS SHINGLE, SLATE & SHEATHING COMPANY
AMBLER PENNA.

MAY CALLS THE TRILLIUMS

(Continued from page 194)

Autumn is the accepted time for planting Trilliums, but any time after the leaves have died down is entirely satisfactory, for then the plant is at rest. I have had entire success, as well, with spring planting, by ordering the plants very early and receiving them in April, before they have started into growth. In the case of the large-flowered species the tubers should be set deep—five to eight inches below the surface of the soil according to size, and those of such little species as ochroleuca and rivale should be firmly planted at least four inches down. This is extremely important. In dry weather water should be given the Trillium beds, especially during the spring months.

All the species that I shall here enumerate are well worth growing and may be purchased of nurseriesmen, and I would urge that they be bought rather than collected. Trilliums are among the many lovely wild flowers that are growing scarcer and scarcer year by year owing to the thoughtless depredations of unintelligent flower lovers. If, however, a colony is threatened by a development scheme, or other manifestation of so-called progress, it should certainly be rescued and a home provided for it where it may continue in safety.

Undoubtedly the great white Trillium, T. grandiflorum, is the queen of the race. The large three-petalled flowers are snowy white when they first open, but gradually suffuse with color as they fade. The foliage is richly green and ornamental. I hope there are few so unfortunate and poor in experience as not to know this lovely flower. It is not rare in Nature if one can get into districts free from vandal hordes of predatory motorists, but a colony of these "huge" (Continued on page 208)
When these visitors call
a fence very firmly says, "NOT AT HOME"

When Mr. Aloysius Picnicker and family seek a velvety green lawn on which to spread their lunch... or neighborhood animals come to romp in your gardens and shrubbery, a trim Anchor Fence will very firmly say "not at home". Trespassers cannot intrude when property is enclosed. Personal privacy is assured, and the beauty of lovely grounds is preserved.

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Made in France

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Send for local representative to examine your trees without cost or obligation.

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PROTECT the things you love -

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Plants feed by drinking

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Peat Moss literally works miracles with garden soils. Mixed with sandy soils, it seizes and holds the valuable moisture which would otherwise seep away, and keeps it available for plant feeding. In heavy soil it provides drainage and ventilation. With Peat Moss you can readily obtain a garden soil of ideal character, and with good soil what cannot be done!

GPM Peat Moss is recommended and used by such expert gardeners as Richardson Wright, Editor of House and Garden; F. F. Rockwell, well known garden writer, and is used in abundance by the nurseries which grow your plants for you. It is not expensive, $4.00 a bale f. o. b. New York and other coastal ports for a 19 to 20 bushel bale of loose Peat Moss. And, bales can be shipped from other inland principal cities at the same or a slightly higher price. Each bale will cover considerably more than 250 square feet of garden with an inch of Peat Moss. Remember, GPM Peat Moss needs no storage space. Exposure to the weather seems to improve it. Many professional gardeners "store" it outdoors.

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BATHE your lawn with gentle April showers all thru the hot, dry summer.

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Just a turn of the hand, and this modern scientific sprinkling system waters your entire lawn, uniformly, far better than Concealed Lawn Sprinkling Systems guarantee you just the right amount of water at any time.

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"The Lawn Beautiful" tells you how practical Thompson Systems are—how really inexpensive. Whether your lawn is old or new, whether it's located in a cold or winterless climate, Thompson Systems can be installed at a surprisingly low price.

THE CHARMS OF DAYLILIES

(Continued from page 119)

cells. These can be seen individually only with the aid of the microscope and when thus observed they resemble fagots of purest gold. To the unaided eye and under the play of sunlight these bundles have the appearance of sparkling flakes of gold liberally sprinkled over the surface of the flower or imbedded within its tissues.

The ensemble of the elements of color—the underlying yellow and orange pigments, the overcast of fulvous, red or pink elements, the aspect as of glistening flakes of gold, the papillate and velvety surface—produces artistic effects that beggar description and defy adequate representation in colored reproduction of any sort. The flower which at a distance is a blended unit of color becomes with intimate inspection a cosmos in itself. Across the garden it combines with its sister flowers to give a mass of color dominated by the most conspicuous element in its coloring. Close at hand and to the observing and appreciative eye its many aspects of color pique the curiosity, invite thorough inspection and analysis, hold one's interest enthralled, and charm the artistic sense.

For the older types of Daylilies the most complete combination of all the elements of color is realized in the flowers of H. fulva, of the type long cultivated, and of H. aureantica. But wild plants, probably to be included in the species H. fulva, recently obtained from Japan and China and grown at The New York Botanical Garden, possess red and pink as well as fulvous colorings.

All of these different types of coloring have been involved in cross-breeding conducted at The New York Botanical Garden. In the hybrid seedlings that have been obtained the two main color systems, the one fundamentally yellow or orange and the other basically red, are broken up into grades of expression and refined in an almost endless variety. In a few seedlings, of which the variety Mikado is a striking example, the segments color. But form, shape and size in the flowers of Daylilies possess charms which are independent of color and deserve consideration on their own merits.

The flowers of all Daylilies are constructed on the same general plan—and this plan is a simple one. Except for the few varieties with double flowers there are in the expanded chalice two whirls of three segments each with all internal tubes, but ever, the most essential parts of the flower in respect to the important processes of seed reproduction.

In the general character of variation, very distinct types of flower forms exist, depending on the size and the form of the floral segments and the degree to which they expand and recurve. Broad but short segments that recurve slightly give a bell-like flower. When the sepals and petals are more widely spreading the flower is more saucer-shaped. When the segments are widely expanded and strongly recurving or folded backward there is a flower of curving surfaces and freely flowing lines, as is especially seen in the variety Wau-Bun. With less recurved and somewhat narrow-pointed stiff segments, a star-like flower variety is the result.

But the general framework of a six-pointed star in the flowers of Daylilies really resolves itself into two triangles which may be very different in character. Often the three segments of the outer whirl (the sepals) are more narrow and shorter than the inner three petals and the two whirils may also differ in the degree of spreading so that they stand in different positions in the fully opened flower. They (Continued on page 284)
ADD YOUR IMPORT ORDER TO OURS AND GET THE

MODAL A LILIES
For June Gardens—at Attractive Prices
These stately flowers, symbol of purity and devotion, whose rare grace and
manly sweetness give a supreme distinction to any garden, are especially
alluring against a background of blue
Delphiniums.
Our bulbs are selected from the choicest
Collection in France—4 to 5 feet
tall, often 10 to 15 magnificent blooms
on a single stem.

To secure their gracious beauty for your garden next year at these unusually
low import prices the bulbs must be or
ded over. They will be delivered to
you ready for planting next September.

IMPORT PRICES
June 1 to 30 $4.50—Extremely large picked bulbs for annual results (simply limited)
60c each . . . . $6.00 a dozen

Regular Mammoth Bulbs
$3.50 a dozen; $25.00 per hundred

Here are the Bulbs and here are the Prices
Eight glorious collections, each a wonderful value—if you order NOW!

100 Single Early Tulips in 10 named varieties, $5.00
100 Double Early Tulips in 10 named varieties, $5.00
100 Darwin Tulips in 10 named varieties, $6.00
100 Cottage Tulips in 10 named varieties, $4.00
100 Breeder or Art Tulips in 10 named varieties, $5.00
100 Bedding Hyacinths in 4 colors $2.50
100 Named Hyacinths, 2nd size, 4 varieties $2.00
100 Crocus in 4 named varieties, 1st size bulbs $2.50

Heralds of Spring
$6.00
200 of these Lovely Spring Flowers—Beauty in each one of
25 each of the following 8 named varieties for only . . . . $ 1.50
Snowdrop—Glorious Snowdrop in Blue—Heavenly White
Blue Grape Hyacinths—Blue Squills (Scilla Siberica)—Blue Bells (Scilla Campanulata)—White
Blue Bells—Wood Hyacinths (Scilla Nuchalis)—Winter Aconites.

Don't Miss This Extraordinary Offer!

100 DARWIN TULIPS $3.00
Choicest, first size bulbs, sure to bloom. Schling's Special Mixture made up espe-
cially for us from ten of the finest named varieties—not at all the ordinary field-
grown mixture usually sold. A $6.00 value for only $3.00.

No Deposit is required with order. Payment due in September but if you wish to make a Cash Discount of 5%
must be deducted from price if you send check with order.

Caution—These prices are good on orders received before July 1st—NO LATER.

MAX SCHLING
SEEDSMEN, INC.
MADISON AVE. AT 97TH ST.
NEW YORK CITY

FINES BULBS IN HOLLAND
The great Holland bulb growers are ready NOW to make important price concessions for imme-
diate orders. Add your order to our own large import orders and we can get for you not only
the advantage of bed rock prices for highest quality (prices far below those that will obtain
next Fall) but we can have your orders packed for you, in Holland, saving you extra packing
and handling, and import charges to a minimum and guarantee to you the pick of the new crop.—The biggest and finest bulbs grown in Holland.

A word to the wise; Our representatives in Holland inform us of a shortage in the
tulip crop and inevitably prices will rise considerably as the season advances. Early buying is of greater importance to you this year than ever.

REGAL LILIES
For July Gardens—at Half Their Real Value
Regal lilies follow the Madonna lilies in their blooming period. From three
up to five feet tall, often 10 to 15 magnificent blooms
on a single stem.

To secure their gracious beauty for your garden next year at these unusually
low import prices the bulbs must be or-
ded over. They will be delivered to
you ready for planting next September.

IMPORT PRICES
May 1 to 30 $4.00—Extremely large picked bulbs for annual results (simply limited)
60c each . . . . $6.00 a dozen

Regular Mammoth Bulbs
$3.50 a dozen; $25.00 per hundred

Schling's "Special" Border Collection
(Assorted from above left to right)
Stately Darwins and Wonderful Breeder or Art Tulips
—a glorious symphony of color.

<table>
<thead>
<tr>
<th>Name</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jaunee d'Oeil (Breeder)</td>
<td>25 ft</td>
<td>$6.50</td>
</tr>
<tr>
<td>(Darwin) A fine clear</td>
<td>25 ft</td>
<td>$6.00</td>
</tr>
<tr>
<td>Marncombe Sanders. (Darwin) A clear luminous scarlet.</td>
<td>25 ft</td>
<td>$4.50</td>
</tr>
<tr>
<td>Dame de la Tonnaye, (Darwin) A beautiful rose-pink, shaded blush-pink</td>
<td>25 ft</td>
<td>$4.50</td>
</tr>
<tr>
<td>Louise, (Darwin) A rose</td>
<td>25 ft</td>
<td>$4.00</td>
</tr>
<tr>
<td>(H) King Alfred, per 100</td>
<td>25 ft</td>
<td>$4.00</td>
</tr>
<tr>
<td>(I) Giant, per 100</td>
<td>25 ft</td>
<td>$3.50</td>
</tr>
</tbody>
</table>

IMPORT COLLECTION PRICES
1.00 each of the above 4 varieties (4 bulbs) . . . . $ 2.50
25 each of the above 4 varieties (100 bulbs) . . . . 4.75
100 each of the above 4 varieties (400 bulbs) . . . . 18.50
1000 each of the above 4 varieties (4,000 bulbs) . . . 175.00

Don't Miss This Extraordinary Offer!

100 DARWIN TULIPS $3.00

For Naturalizing and Lawn Planting
Our Old Dominion Collection in choicest mixture of airy and medium Trumpets, short cupped and lovely
Poet's varieties. All first quality bulbs grown in Vir-
ginia where their culture has flourished since Colonial
days. These bulbs, being native, are fully acclimatized
and none better can be grown anywhere. The supply
will not equal the demand. Order at once.

100 Bulbs......$7.00 1000 Bulbs......$65.00

3 Magnificent Daffodils

(G) Lucifer, per 100 $ 9.00
(H) King Alfred, per 100 20.00
(I) Giant, per 100 20.00

Send for our IMPORT BULB LIST

Many other bulb offers equally alluring.
There IS a Clean, Easy Way to PREVENT DUST

On gravel walks, driveways, clay courts, bridle paths, playgrounds—all sources of dust—the application of Solvay Calcium Chloride ends this nuisance.

Solvay Calcium Chloride is clean, white, and odorless. It does not track or stain and is harmless to clothing, tires, and horses' hoofs. Ordinary labor can apply it without expensive equipment and surfaces need not be closed during the application.

Get the facts about this method. Write today for Booklet No. 1357.

Solvay Sales Corporation
Alkalis and Chemical Products
Manufactured by The Solvay Process Company
40 Rector Street
New York

The Charms of Daylilies

(Continued from page 202)

may also differ in the rate of movement during the process of opening. One rather extreme example of this is seen in the variety Hippeastrum in which the petals often stand rather erect after the petals become reflexed, thus giving to the flower an aspect somewhat like that in an Iris blossom that has erect standards and reflexed falls. Thus the three sepals form one whorl in the lines of a triangle and the petals form another with the points of the two alternating and combining to give the six radiating points of the flower as a whole.

Of the various aspects of form in the flowers of Daylilies, probably that of the asymmetry in radial spread of the petals is most conspicuous. As a rule the flowers stand rather rigidly on stiffness of the petals and the open chalices slightly upturned toward the sky. The six stamens and the pistil of the flower are all upturned with a sweeping graceful curve. When a petal lies on the lower side of a flower and is hence almost parallel with the earth's surface this one petal is less recurving and therefore more protruding than its two sister petals which are above.

With the lower petal extending somewhat as a projecting lip, the aspect of the flower is asymmetrical and somewhat like that seen in many Gladioli, only the position is reversed. But when a petal lies at the under side of the flower the three petals are more nearly alike in the degree of recurving and the rim of the chalice is more nearly regular throughout. Such behavior reminds us that, in their development and behavior, living structures such as flowers are delicately attuned to the most profound forces of the universe. To the eye of a man the casual observer the flowers of any Daylily present rather sharply contrasted aspects according to their orientation to the earth and the sky. The asymmetry is very strongly developed in flowers of the Fulvous Daylily, of H. aurantiaca and of many varieties, especially those that have large and long petals. It is least conspicuous in flowers with short petals and full flowers, but in those the front or facial aspect of the flowers varies according to the orientation of the petals.

Double-flowered sorts

In double-flowered varieties there is a multiplication of floral segments. The central core of the flower is extended into a rosette. Several double-flowered varieties have been described. One plant received at The New York Botanical Garden under the name H. middendorfii has petals doubly plaited as though it smaller petal were attached along the midvein on the inner face of each petal. Compared with the simple grace of form in the single-flowered Daylilies, the double-flowered forms are rather monstrous. They display more color but lack in pleasing form. But the double-flowered varieties are being used in breeding to determine whether double-flowered sorts of high merit may be developed.

Thus in the flowers of Daylilies the simple basic plan of two whorls of three segments each which is combined to give a six-pointed star is modified in numerous ways that give a wide and pleasing diversity in the forms of flowers. The small flowers opening together on a plant show different aspects in the form and the position of parts that are correlated with orientation to the earth's surface.

For the entire group there is a diversity of form that admits of numerous varieties in each of the main elements of color—yellow, orange, red, purple, white, for example. Without doubt, breeding will in time lead to the development of further varieties or even of entirely new forms of flowers.

In comparison with garden plants in general, the Daylilies are to be classed as having flowers of conspicuous size. For the wild species the smallest flowers are perhaps those of certain strains of H. dumortieri and of the new species H. multiflora, but even in these the flowers have a spread of at least two inches. A clonal strain of H. fulva known as Maculata has flowers with a spread of six inches and these are the largest of any plants of purely wild origin thus far known. Several of the horticultural varieties, of which George Yeld, Yellow Hammer and Hyperion are mentioned, have flowers of large size.

Proportion and size

It seems that in the best of Daylilies the size of the flowers and the size of the plant as a whole are rather closely correlated. At least the dwarf species and varieties have the smaller flowers and, as a rule, the largest flowers are produced by varieties of at least medium size and rather robust in of growth. The size of the plant and most conforming to a sense of proportion, But a name of seedlings grown at The New York Botanical Garden there have been some large plants with small flowers, and also some small plants with flowers of medium or large size. Hence varieties of these proportions may be had for the flower garden if they are desired.

There is an odor of pleasing quality from flowers of certain Daylilies. It is most strong in the species H. fulva and H. citrina and in the varieties Lemon Queen, Flava Major, Golden Bell and Yellow Hammer. The odor is slight or even only faint for the species H. minor, H. dumortieri, H. middendorfii and H. thunbergii, and for numerous varieties of which mention may be made of Leeola, Shirley, Eldorado, Gold Dust, Apricot, Gold Imperial, Golden Bell, Calypso, Mikkado, Wau-Bun and Vesta. There is no odor—or at least only a faint trace of one—from flowers of H. aurantiaca, H. fulva (including the clonal strains and numerous wild plants to be classed with this species), of certain varieties such as Maggie Perry and Golden Yeld, and of many seedlings having H. fulva in their parentage.

In a representative collection of Daylilies, as they are grown in the flower garden, odor is not an outstanding quality. In its strongest development it is not heavy, lasting and widely penetrating, but rather

(Continued on page 216)
THE love of plants—flowers—nature’s greenness and color—finds its most constant expression in a bit of eternal summer, sheltered permanently within an “American” Greenhouse. A priceless possession within the price range of a motor car,—requiring almost no upkeep.

Whether you desire a conservatory for its supply of flowers and vegetables, or as a haven of peace and fragrance, send for this wonder book of year ‘round gardens. The greatest book ever offered to lovers of growing things. Yours for the asking.

THE AMERICAN GREENHOUSE MFG. CO.
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America’s Finest Power Lawn Mower

This light roller-driven mower represents the highest development in power mowers. It is designed after the famous Jacobsen Power Putting Green Mower, now used on the finest putting greens from coast to coast.

The special 6-blade reel cuts finer than any hand mower and does the work of 4 or 5 men with hand mowers. The rear drive rollers give a beneficial rolling effect that makes a healthy, velvety turf.

The Jacobsen “Estate” Mower

This mower has gained a preference with European Estate Keepers in competition with the most prominent European makes. It has enclosed gears as fine as an automobile, auto-type differential and self-sharpening reel; trims close to edges of flower beds, and the old gardener can handle it without fatigue.

Make your lawn a source of pride. There is a Jacobsen Power Mower for every type of lawn from ½ of an acre up.

WRITE for full details. The coupon brings our free catalog, “Lawns Beautiful.”

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Have Weedless Lawns

The Jacobsen 4-Acre Power Mower with Sickle-Bar Clipping Attachment solves the problem of dandelions and weeds that are beyond the scope of the reel-type mower. It keeps them clipped and prevents reseeding. Full details in our catalog.

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Please send me free catalog, “Lawns Beautiful,” describing your Power Mowers.

Size of Lawn: _____________________________

Name: _____________________________

Address: _____________________________
THE CHARMS OF DAYLILIES

Continued from page 204

With a Wickwire Spencer Chain Link Fence protecting your grounds, a gentlemanly request for lost baseballs is tendered via the gate. Your property is no longer a pre-empted ball park; your flowers and shrubs may grow untrampled. Wickwire Spencer Fences are sold either as material to be erected by your men or as completely erected fences set by our own experienced workmen. These fences, while inexpensive are sightly, strong and permanent.

We have a representative near you.

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delicate and demanding close acquaintance for appreciation.

In regard to the development above ground, two distinct elements are involved in the habits of growth of Daylilies. There is the mass of foliage and there is the group of flower stems or scapes. Before the scapes appear and after they are removed when blooming has ceased, the foliage stands alone. During the time of flowering it is the flowers that are conspicuous and dominating, but the number of the scapes and their height in reference to the foliage have much to do with the disposition and the effectiveness of the flowers.

The foliage is built chiefly in many curving lines, and the scapes in straight and vertical lines. The two combine in their rather contrated forms together with the colors of flowers to give the character of the plant as a whole. But there is sufficient diversity in the general character of the foliage and of the scapes to yield numerous varieties on the basis of the habit of growth.

FOLIAGE

In all Daylilies the foliage is a somewhat compact mound of grass-like leaves which arise directly from the crown of the plant at the level of the soil. In some Daylilies the leaves are weakly ascending; in others the leaves are more erect but tend to bend or to break abruptly toward the tips; in a few cases the leaves are chiefly erect to the tips; and in certain varieties the leaves are stiffly recurving in graceful sweeping arcs with the two ranks of a bud facing each other and spreading out in a fan-like but bilateral symmetry. In stature the mass of foliage in species and varieties of Daylilies ranges from a few inches in height, as in H. nana, and in certain dwarf forms of H. dintroseri and Tangerine) they are unbranched, but mostly they are forked or short-branching near the apex or are coarsely and sparingly branching from lower down. In one species (H. multiflora) they are abundantly branched above. In a few cases the scapes are shorter or only equal to the foliage in height. In the smaller and the semi-dwarf varieties such as Tangerine, Gold Dust, Apricot and Sovereign the flowers stand above the main bulk of the foliage but more or less below the tips of the longest leaves, yet the flowers are fully exposed and the effect is one of rare harmony. For the more robust forms, H. fulva, H. thunbergii, H. citrina, many varieties such as George Yeld and Yellow Hammer and many seedlings, the flower stems stand from one to three feet above the highest points of the foliage. In some of these, the mass of foliage stands too high above the dome of foliage for a more pleasing and natural relation. A most satisfactory habit of growth is seen in numerous varieties of intermediate size whose flowers stand at a level slightly above the foliage.

For nearly all of the best varieties of Daylilies the flower scapes are stiffly erect or ascending and require no support in the garden either. In a few of the named varieties, and in many seedlings having H. fulva in the parentage, the scapes are somewhat what weak and are sometimes bending to the ground or even lying on the ground. In the species H. multiflora the slender scapes frequently bend low under the load of the numerous branches, flowers and fruits. Varieties with stiff scapes which stand erect without assistance from the gardener are to be given first rank position in the judgment of worth.

POSITIONING

The general habits of growth and particularly the stature of a Daylily largely determines where it is to be placed in the garden. Dwarf and semi-dwarf varieties will naturally be placed near the front of a border or bed while the taller forms will lift their flowers into view with greater harmony if they are placed more to the rear.

Both the flowers and the foliage contribute to the charm of Daylilies. The richness of color and the grace of form in the flowers rank first in attracting and pleasing the eye and in supplying masses of gay color to the garden. But the foliage augment and support the beauty of the flowers with a background of green cast in lines of freely flowing curves. The abundance and the compactness of the foliage give mass and solidity to the plant, furnish an ample base for the scapes and their flowers, and provide a self-sufficiency when flowers are not present. Besides these charms there are the attributes of hardiness and ease of culture that commend Daylilies to the gardener by insuring successful culture.
Hunt's Perfection Tulips

HUNT's Perfection Tulip bulbs are selected and packed in Holland and shipped in the original package direct to our customers, at proper planting time in the fall. This is an assurance that the bulbs will be of the finest quality, selected by experts, and true to name and color.

To be sure of receiving your supply of Hunt's Perfection Tulip bulbs you should order at once. A collection of Hunt's Perfection Tulips means a tulip garden of superb beauty at blooming-time next spring.

We pay the postage on Collections to points east of the Mississippi River

<table>
<thead>
<tr>
<th>DARWIN TULIPS</th>
<th>Daz.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bleu Aimable. Pale lavender</td>
<td>$8.00</td>
<td>$5.00</td>
</tr>
<tr>
<td>Clara Butt. Deep rose-pink</td>
<td>$6.00</td>
<td>$3.50</td>
</tr>
<tr>
<td>Edme. Purplish rose, edged pink</td>
<td>$7.00</td>
<td>$4.00</td>
</tr>
<tr>
<td>Feu Brillant. Bright scarlet</td>
<td>$7.50</td>
<td>$4.50</td>
</tr>
<tr>
<td>King Harold. Dark purple-garnet</td>
<td>$7.00</td>
<td>$4.00</td>
</tr>
<tr>
<td>La Tulipe Noire. Very dark reddish-black</td>
<td>$7.50</td>
<td>$4.50</td>
</tr>
<tr>
<td>Pride of Haarlem. Brilliant red (crimson)</td>
<td>$6.00</td>
<td>$3.50</td>
</tr>
<tr>
<td>Rev. Ewbank. Bright violet</td>
<td>$6.00</td>
<td>$3.50</td>
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A Special Discount of 5 percent allowed on orders up to July 1st

<table>
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<tr>
<th>COTTAGE TULIPS</th>
<th>Daz.</th>
<th>Price</th>
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<tbody>
<tr>
<td>Fairy Queen. Violet-lilac</td>
<td>$5.00</td>
<td>$3.50</td>
</tr>
<tr>
<td>Inglescombe Pink. Delicate rose-pink</td>
<td>$6.00</td>
<td>$3.50</td>
</tr>
<tr>
<td>John Ruskin. Apricot-rose</td>
<td>$7.00</td>
<td>$4.00</td>
</tr>
<tr>
<td>Moonlight. Sulphur-yellow</td>
<td>$7.50</td>
<td>$4.50</td>
</tr>
<tr>
<td>Mrs. Moon. Deep lemon-yellow</td>
<td>$11.50</td>
<td>$7.00</td>
</tr>
<tr>
<td>Sir Harry. Pale lavender-pink</td>
<td>$8.00</td>
<td>$5.00</td>
</tr>
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</table>

12 each of the above 8 varieties $5.00
100 each of the above 8 varieties $30.00

<table>
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<tr>
<th>BREEDER TULIPS</th>
<th>Daz.</th>
<th>Price</th>
</tr>
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<tr>
<td>Bronze Queen. Buff-yellow</td>
<td>$7.00</td>
<td>$4.00</td>
</tr>
<tr>
<td>Golden Bronze. Light brownish-yellow</td>
<td>$8.50</td>
<td>$5.50</td>
</tr>
<tr>
<td>Yellow Perfection. Coppery yellow</td>
<td>$8.50</td>
<td>$5.50</td>
</tr>
<tr>
<td>Louis XIV. Purplish, flushed golden bronze</td>
<td>$1.25</td>
<td>$8.00</td>
</tr>
<tr>
<td>Jaune D'Oeuf. Coppery yellow, broad stripe of lilac</td>
<td>$1.00</td>
<td>$6.00</td>
</tr>
<tr>
<td>Cardinal Manning. Claré</td>
<td>$7.50</td>
<td>$4.00</td>
</tr>
</tbody>
</table>

12 each of the above 6 varieties $4.75
100 each of the above 6 varieties $25.00

Hunt's Catalogue of Perfection Bulbs will bring to your attention the finest Tulips, Hyacinths, Crocus, Lilies, Eremurus, Lilies-of-the-Valley and other bulbs for fall planting and spring blooms. A copy will be mailed on receipt of your name and address.

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"Gold Medal Dozen" of Newer Hardy

Everblooming

Hybrid Tea Roses

With this "Gold Medal Dozen" Dreer's inaugurates a new service to give Rose connoisseurs the choicest novelties at once—not later! Here they are, every one tested and proved worthy.

12 Outstanding Novelties For $15

Dame Edith Helen. Brilliant soft pink.
Frank Reader. Lemon yellow with golden-apricot heart.
Lady Florence Strange. Violet old rose, yellow at base and pink at edge.
Rev. F. Page Roberts. Coppery red stained salmon-red on the outside, opening golden yellow.
Sir David Davis. Glowing crimson.
Wilhelm Kordes. Rich capucine red shaded with copper on golden-salmon.

Prices, any of above, Strong, Two-Year-Old Plants, $1.50 each, unless quoted otherwise.

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We will supply each of above "Gold Medal Dozen" (a $10.50 value), for $5.00. Most of the Roses offered above are illustrated in full color, and a "Dreer's Timely Garden Topics" will bring to your attention the finest Tulips, Hyacinths, Crocus, Lilies, Eremurus, Lilies-of-the-Valley and other bulbs for fall planting and spring blooms. A copy will be mailed on receipt of your name and address.

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A Better Cutting Job at a Lower Cost

Many hundreds of estate owners throughout the country are lowering their lawn maintenance costs with Ideals—and are getting trimmer, smoother lawns.

Four sizes of power mowers. The "20" and "22" are wheel type mowers. The "25" and "30" are roller type (roll as they cut). Send for free new catalog, showing the way to better lawns at the minimum cost per acre.

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Safe behind Page Fence
Children-Pets-Gardens-Property

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PAGE FENCE
CHAIN LINK—GALVANIZED OR COPPERWELD ORNAMENTAL WROUGHT IRON

MAY CALLS THE TRILLIUMS (Continued from page 198)

Instead of dominating its trio of rhonchic leaves as do most of its kin, Trillium cernuum, the Nodding Trillium, hangs its waved and recurved pink flower below them, thus losing something in effectiveness. But it is an attractive enough sort and the nodding flowers are fragrant. Far more lovely, however, and blooming a few days later, is the Painted Trillium, T. undulatum (T. erythroleucum) that haunts cool woods from Quebec to Ontario and southward to the mountains of Georgia. The flowers are carried on a slender stem, the plant growing not more than a foot tall. They are large and upon each white petal are painted stripes of delicate mauve color. Next to T. grandi­orum this is the finest of the large-flowered species and it requires a little more care than grandi­orum. It should be given a cool situation in deep soil that is rich in humus and is never quite dry.

A SOUTHERN SPECIES

T. stylocarpum, the Rose Trillium, so called, is a southern species that is, however, hardly in the neighborhood of New York. Its nodding flowers are a delicate rose-pink, and with me it is the latest of the species to flower.

There remains to be spoken of two quite enchanting little species that are for some reason seldom seen in gardens. These are T. nicale and T. rieule. The first is found in rich woods from Pennsylvania to Kentucky and westwards to Minnesota and Iowa. It is a tiny edition of T. grandiflorum and no more difficult to grow. It is but a few inches tall, its flowers white, and the leaves reddish-purple, stem less and with the characteristic narrow segments. It is said to be quite fragrant.

RED FLOWERED SORTS

It cannot be maintained that the red-flowered Trilliums are as attractive as the white and pink-flowered kinds. Indeed, to many they are not attractive at all; their hue is dull and sombre, but planted in close masses they stand the winters with no other covering than the natural one of the fallen leaves. Trillium ovatum blooms earlier with me than its eastern prototype. This is the only species native to California except Trillium sessile califor­nicum, a curious species with very large fragrant white flowers that have very narrow segments, and rise stem­less from their setting of three broad shining leaves. It is a very hardy and vigorous kind which thrives in our eastern gardens, increasing rapidly when once comfortably established. This is a far more attractive plant than T. sessile, the type, which according to Gray ranges through Penn­sylvania to Minnesota and southwards, where it haunts dampish woods. T. sessile has flowers of a curious raw reddish-purple, stem less and with the characteristic narrow segments. It is said to be quite fragrant.

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THE Cooper Power Mower propels itself easily over level or uneven turf, and is equipped with disappearing traction lugs for climbing hills and terraces. In one operation it rolls the lawn as it mows the grass. Guiding is the only physical effort required of the operator.

Cooper Mower has an all-steel shock-proof frame, and is powered with the world’s most popular 4-cycle gasoline motor. Become acquainted with the many other Cooper features. Write today for detailed description and name of the nearest Cooper dealer.

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ROSES—Spring Planting

ROSES by Bobbink & Atkins, our book of Roses, is replete with varieties up-to-date. In addition to nearly a thousand accepted varieties, we have many novelties of distinct merit, described and in color. We feature more than a score for the first time, including Arrillaga (B. & A. 1929), Pittsburgh (B. & A. 1929), Barbara Robinson, Mrs. C. W. Edwards, Hortulanus Biedie, and other new Roses of equal value. A large collection of Standard or Tree Roses is also listed. A copy will be mailed on request to those who intend to plant Roses.

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EVERGREENS

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In your request for catalogue it is important to state definitely what you intend to plant. We issue several catalogues.

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Paint “Black Leaf 40” on top of the roosts before chickens perch. Fumes penetrate the feathers, killing the lice. Write us for leaflets.

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Bobbink & Atkins, Mentor, Ohio

E. H. Schultz
Pres.

J. J. Grullemans
Sec'y-Treas.

TOBACCO BY-PRODUCTS AND CHEMICAL CORP., Inc.
Louisville, Ky.
PRODUCE YOUR OWN ROSES
(Continued from page 118)

Rose consist of: The stamens, composed of the "anther" at the end of the "thread" or "filament" (Fig. 17). The anther is the vessel holding the pollen and releasing it, when mature, in the form of a very fine yellow or sometimes whitish dust; each grain of this dust holds a life cell. The female organs are: The pistil, composed of "styles" or tubes each with a "stigma" or funnel-shaped opening at the outward end. Each of these tubes leads to an ovary in the calyx, and when the pollen cells slide down these tubes to the ovum, fertilization takes place (Fig. 11). The pistil is either "distyled" (Fig. 12, i) each style free (Hybrid Teas and related varieties), or "synstyled" (Fig. 12, c) when the styles are bunched as if glued together and standing out like a column (Polyanthas and Wichurana), and in the Rugs and several wild Roses when the stigmas only show, as in Fig. 14, c).

IDENTIFICATION OF FRUITS

Fruits are often a medium of identification of the predominating blood. Rose fruits are referred to as hips; the various forms of six standard forms, Fig. 18, depressed; Fig. 19, round headed; Fig. 20, ovoid; Fig. 21, pear shaped; Fig. 22, funnel shaped; Fig. 23, gourd shaped. When ripe, the hips show a color change, some brown and some scarlet to vermillion. They hold from one to fifty seeds.

In Nature's process, the anthers burst and the pollen drops on the stigma; artificial pollination consists in removing the anthers before maturity and bringing in pollen from the variety chosen as the mate. Nature's work is greatly helped by insects, especially bees that shake the pollen off the anthers and carry some to other blooms. Wind is also a factor in pollen distribution; therefore in our work we must guard against these contingencies.

The rejection of hand pollination is very simple and anyone can do it successfully from the start, the only tools required being a pair of pointed scissors, a pair of tweezers and a pocket lens. Some operators use a camel's hair brush, but I do not.

The first of the work must be done in the early morning, before the selected bud has blown open under the sun warmth which would ripen the pollen very quickly, and the bees soon come to defeat our purpose. However, the most desirable time is the last evening of the bud stage. The time to operate is when the center petals are ready to unfurl.

The first operation is to remove the petals, when this is done, the stamens are cut off with scissors or plucked with tweezers, being very careful that not a single anther remains to cheat the operator. It is well also to remove the stigmas with a strong lens to make sure that during the operation no pollen has been shed; if yellow dust is noticed, it can be removed with tweezers, or better still washed off with a camel's hair brush dipped in water; if there is much pollen on the stigma, it is better to discard this bloom and start anew. Once emasculated, the bloom is covered with a hood of paper, preferably translucent (I am using peanut bags held with a clip) for protection against insects and wind that might bring pollen.

While pollen might now be applied, it would not become active until the stigmas are ready to receive it, maybe toward evening or possibly not for two or three days when they show a swollen condition and exude a viscous secretion, which can be ascertained by inspection with a lens.

Early morning is also the time to pick pollen blooms, when they blow open. These are taken inside a warm room but away from sun and wind, and when the golden dust begins to show, I brush the stigmas of the prepared bloom with the anthers of the the cut bloom, holding it by the inverted petals. I cut off the sepals (for future indication that the bloom has been pollinated and also to prevent aphides from hiding under them), the paper hood is replaced to remain a week as a protection against rain, and a tag is attached bearing the name of the pollen variety and date. To be successful, hand pollination must be done during clear, warm weather only and in the latitude of Philadelphia not later than July 15th outdoors; otherwise, the seeds might not reach maturity before frost. I generally use a clip for protection against insects. I have a grand hybridization program on the Fourth of July.

As in anything else, we want to proceed methodically. The soon open with the Species or Wild Roses. This wonderful material must not be over looked, as hybridization of species is the most fascinating pastime and its possibilities amusing. Hugonis, Ece, the various forms and hybrids of Rugs, Moyesi, Xanthina, Altaica, the Austrian briers, Persian and Harri son's Yellow, Austrian, and the American native Roses, Aecilaria, Blanda, Carolina, Lucida, Nutkana, etc. all will be a riot of colors in May. One need not have a large collection of species, as they can be used for pollen, and, for such, few blooms may be procured from a public park, arboretum, private collection or other place where the species Rose is featured. This pollen is applied to proved seed-bearing Hybrid Teas.

Few if any Hybrid Teas bloom as early as the species and they will have to be pot plants brought to bloom in a frame or under glass.

HYBRIDIZING THE SPECIES

Species hybridizing is different from crossing horticultural varieties; the results are slower, as it is more difficult to make an impression on the extremely dominant, refractory character of the species. It will take long patient efforts to refine the subject to the point where it will be possible to go from a wilding to a garden Rose. In the meantime interesting "mongrels" will show at the first generation, some of which will be sterile (like the new yellow Rugosa Hybrida). For the first cross, the selection of the mate has no importance beyond being a good progenitor, as its part in the
BASSI'S EXTRAORDINARY OFFER OF MAY FLOWERING TULIPS

All of magnificent size and coloring. Clean top size bulbs sure to bloom. Because of our connections with some of the best Holland Bulb Growers we are enabled to offer these bulbs at the very lowest prices.

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**Spring Offer**

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These special prices are for orders received before July 1.

LIST OF TULIPS: SPECIAL NAMED VARIETIES.

- *Barnum De La Tourette* (Barnum Giant)
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- *Red Rambler* (Vivid Red)
- *Rohde's Jubilee* (White) *Ruelland* (Black Tulip)
- *Sundolier* (Geranium Scarlet)
- *Vvelu of Holland* (Carmine Pink)
- *Ward's Extraordinary* (Black Tulip)
- *Zinka* (Golden Bronze—Breeder)
- *Fairy* (Reddish Mahogany—Breeder)

Any of the above 50¢ per doz.: $3.60 per 100: $34.00 per 1000. 1 doz. each of the above 13 varieties (138 bulbs in all) valued at $21.90 for $43.00. 100 each of the above 13 varieties (1300 bulbs in all) valued at $61.50 for $123.00.

**SAVE 5%!**

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SPRING HARBININGERS!

- Delightful little gems for edgings, rock gardens, etc. *Chionodoxa* (Glory of the Snow)
- *Eranthis* (Winter Aconite)
- *Grape Hyacinth* (Heavenly Blue)
- *Scilla Campanulata* (Bluebell)
- *Snowdrops* (Single)

Any of the above: doz. 40¢; per 100, $3.00

100 CRUCUS MIXED, 25¢

ANY gardener who cares for his lawn will be interested in the Moto-Mower. The Detroit Model Moto-Mower with a 21" cut is now equipped with a sickle bar for weed clipping at small extra cost. It can be attached by removing one nut from the rear rod.

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Recommended by the Officers of The Garden Club of America.

1 quart $1.00 1 gallon $3.00 5 gallons $12.00 10 gallons $20.00

Wilson's WEED KILLER is the answer to those obnoxious weeds, poison ivy, etc. Simply dilute with water and sprinkle

100 pounds $5.00, 1,000 pounds $45.00, 2,000 pounds $85.00.

"Insects and Their Control" is the title of a new book by Andrew Wilson illustrating the various insects and scale that attack plants and trees, with directions for their control. Price $2.50 postpaid.

Andrew Wilson

SPRINGFIELD

Dept. H

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BEAUTIFUL lawns, lovely flowers, flourishing gardens, velvet-like bowling or putting greens must have sufficient water. Skinner System, offering either concealed heads buried in your lawn, overhead lines or portable sprinklers gives you that "mist-like" spray that is so desirable for plant life.

Our consulting experts can tell you how to water effectively at a cost lower than you might think. The coupon below brings descriptive literature without obligation. Mail it today.

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Due de Massa: Clear violet
Edith Cavell: White, buds pale sulphur
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Lucile Cambotte: Rose lilac
Miss Ellen Willmott: White, late
Mme. Antoine Buchner: Carmine-red
Paul Thirion: Clarat-rose
President Viger: Blush lilac
Thunberg: Deep mauve
Victor Lemoine: Mauve-lilac, late
Be it understood all these are forms of the Common Lilac and it is not supposed that this selection in its entirety would satisfy every enthusiast.

Plants of the seedling varieties of the Common Lilac there are a number of very beautiful Lilacs of hybrid origin and in the years to come a great development of this favorite shrub may be looked for along these lines. Hybrids are usually more vigorous in growth than species and often vastly more useful as garden plants. Plant-breeding is full of surprises and often parents of indifferent or relatively little garden beauty by judicious mating yield offspring of unquestionable value. The Hungarian S. Josikia is perhaps the most beautiful of all known Lilacs, but crossed with the Chinese S. Maximiliana it has given rise to a handsome new race known collectively as S. Henry after the originator.

HUGH B. BARCLAY
Specialist in Pachysandra and other ground cover plants
1362 Montgomery Ave., Northerh, Pa.

ENGLAND'S GARDENS OVERSEAS

(Continued from page 198)

Orange Free State or Natal, are made out of happy ignorance and roddit enthusiasm by the men and women who have built their homes there. Everything learned in England has to be unlearned, the intelligence must at first be keen-edged and alert to learn of the wild every step of the way. "This plant will endure cultivation and this will not; we can go out on the veld and collect these bulbs or those, but certain will walk and we must learn which. The pests are violent and new to us, the seasons topsy-turvy. We cannot grow Primroses, Tulips unless under special conditions, but Agapanthus and Waterlilies, Iliac and Plumbago, Roses, Gerberas and a million other lovenesses will blossom in our African gardens if we can forget the flowers of the homeland." Thus they speak.

They exchange each dear-bought scrap of knowledge as it is learned. They are learning to hybridize Roses for themselves so that those which will preserve their color and texture under the furious sun may pass on to their resistant powers to descendants and make a race of reliable sun-loving roses. They import many plants from England, America, India and Australia. They devise gardens hedges of every colour. They will proudly show us their wild flowers and with their wealth of natural resources have a good chance of owning some day the matchless gardens of the whole world.

PRODUCE YOUR OWN ROSES

(Continued from page 210)

As to the use of sexes in species hybridizing, I prefer to use the species as pollen parent. Species often resistant foreign pollen and many bear seeds with their own pollen only, while their pollen is generally potent on any fertile Hybrid Tea. Then the problem of germination is averted, while the Hybrid Teas, as a rule, germinate readily, species seeds are slower and some drag along a year or two or even longer.

This article is the first of a series of three by Mr. Nicolas, dealing with Rose hybridization. The second will appear next month.—EDITOR
"Does it pay to buy a 'cheap' mower?"

"Even though you may buy a 'cheap' lawn mower," says the Old Gardener, "before you're through, you'll actually pay (maybe twice over) for the PENNSYLVANIA Quality kind. You'll pay in added cutting time and work, in needless sharpening expense, and in the extra years of mowing service you'll never get."

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PENNSYLVANIA LAWN MOWER WORKS

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You've Got to Kill Bugs!

They'll eat your choicest flowers and vegetables and destroy your garden if you give them half a chance. Yet you can exterminate all leaf-eating insects very easily with Hammond's Slug-Shot

It's sure death to bugs, used for years. Should be used freely in the garden on all plants.

At your dealer's, with other Hammond preparations for garden conservation, or send for booklet which fully describes their use.

Hammond's Paint & Slug-Shot Works
Beacon, N. Y.
THE GARDENER'S SCRAP BOOK

TRANSPLANTING WHILE IN FLOWER

WHEREAS the easiest and most favorable time for moving practically all kinds of plants is while they are dormant, it is possible to do the work with good success even at the height of the growing season if certain rules are closely observed.

Transplanting in spring or early summer calls for careful handling of the material. Digging should be done only when the soil is thoroughly wet from rain or artificial watering, in order that as much earth as possible shall adhere to the roots. In digging, take up the plant with its root system as nearly intact and undisturbed as possible, using special care not to jolt or shake it during transportation or when setting it in the new site. If the plant is of some size and has to be out of the ground more than a few minutes, better immerse its roots and accompanying soil in a pail of tub partly filled with water and leave it there until ready to be reset.

Thorough watering and firming of the soil accompany the replanting, of course, and if some sort of shade can be provided for a few days, so much the better. Cloudy weather is the best for such work, and late afternoon is the most favorable time because of its nearness to the cool darkness of night.

WATERING EVERGREENS

GRANTED that a conifer is normally hardy in the region in which it is planted, its most critical season is the first one which follows its setting out. The reason for this is obvious: any plant needs time to re-establish itself and make new roots after being moved; until such recovery is complete, the stress of unfavorable weather conditions will be far more severe.

It is becoming more and more common to plant conifers in the summer or in early autumn, and this is a better time to do so than the critical spring and early summer periods. The chief reason for this is that the plants will have a longer period in which to properly establish themselves before winter's cold and wetness sets in.
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handled like those of the commonly grown annual flowers. If moderate quantities are to be sown, the use of shallow flats is advisable because of ease in handling. They are filled with a finely pulverized mixture of humus, good garden loam and enough sand to prevent caking and assure thorough drainage. This sowing soil does not need to be rich, for in their early stages the seedlings live chiefly on air and water and, by the time they require real food, would have to be transplanted anyhow to prevent overcrowding.

About the time they make their second pair of true leaves the seedlings are shifted to other flats where they are set a couple of inches apart. As a rule they can stay here until late summer when they are large enough to be set in their permanent places or (an equally good plan) carried through the winter in a coldframe and set out in the spring.

Seed sowing can well take place any time during May. Conditions for germination and growth are good at this time, and the young plants will have a long season of favorable temperatures ahead of them before autumn brings colder weather and puts an end to their development for the year. Perennial seeds properly handled in this way will produce flowering plants for next spring and summer.

CONCERNING INSECT PESTS

FROM early May until well into the autumn is the period when insect pests are most active in the garden and around the grounds. Their depredations coincide with the growing and ripening stages of the plants on which they feed—a perfectly natural coincidence when you realize that living tissues are the only ones which tickle their palates.

Roughly speaking, there are three types of insects which are

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Seed sowing can well take place any time during May. Conditions for germination and growth are good at this time, and the young plants will have a long season of favorable temperatures ahead of them before autumn brings colder weather and puts an end to their development for the year. Perennial seeds properly handled in this way will produce flowering plants for next spring and summer.

CONCERNING INSECT PESTS

FROM early May until well into the autumn is the period when insect pests are most active in the garden and around the grounds. Their depredations coincide with the growing and ripening stages of the plants on which they feed—a perfectly natural coincidence when you realize that living tissues are the only ones which tickle their palates.

Roughly speaking, there are three types of insects which are

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injurious to plants: those which actually chew off pieces of the leaves or blossoms and swallow them, such as the caterpillars; those which puncture the surface and suck out the juices from the inner tissues, typified by the familiar aphid or plant louse; and those whose forte is to feast holes into the trunks, branches or stems, climb in and eat away to their hearts' content—known as borers.

Some of the last-named attack only trees and other woody growths, while other species feed on herbaceous plants.

When members of any of these groups put in an appearance, no time should be lost in getting after them with the right methods and materials of control. In the caterpillars and other chewers the vulnerable point is the stomach, to be reached through the mouth, of course; hence the spraying of the foliage with liquid arsenate of lead, some of which poison will find its way into the pests' interiors with every bite they swallow. Insects of the sucking varieties are best controlled by what are known as contact sprays—such as kerosene emulsion and the nicotine preparations—whose action is to cling the tiny breathing pores in their soft bodies or burn the delicate surface and destroy the insects in that way.

Boring pests are in some ways the most difficult of all, for they carry on their depredations out of sight and reach by ordinary methods. Those kinds which attack trees and other woody growths present special problems which should be looked up in a good textbook, as they are too long to be explained here. The other types which sometimes attack Dahlias, Aquilegias and other soft growths are combated by removing at its base every affected shoot or branch as soon as it is noticed, or, in some cases, slitting the stem longitudinally with a sharp knife and destroying the grub. In all cases remember that the borer works downward toward the crown of the plant from the point of entry, eating and growing larger as he goes.

The Happy Little SONG BIRDS

Are here for the summer

Have you provided homes for them? There is still time to have them settle on your grounds. Put up boxes built of wood; hang feeders in groups of such little things and draw them to your garden by offering them some fruit every year.

Practically every kind of song bird makes two families every summer, some of them three. If you don't catch the first nest this year, you may get the second little bird next year. How you will please become familiar with the little brown sparrow; first trapping them in and watching them hunt for food, watching the caterpillars, and other small insects that devour the leaves, stems, shoots and flowers.

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