The spirited beauty of the Lincoln Sport Phaeton suggests the easy grace and speed of the sea-gull. Just as the swift passage of the bird is free of conscious effort, so the resources of Lincoln power are obedient to your every need with equal freedom from effort. Acceleration that masters every traffic problem, speed that fears no challenge, ease of control that gives full confidence to meet emergency—these are prime qualities of Lincoln performance. They are admirably expressed in every carefully selected detail of appointment and rich finish and in every line and graceful curve of this Locke design.

LINCOLN MOTOR COMPANY
Division of Ford Motor Company
Tiffany & Co.
Jewelers Silversmiths Stationers

Diamond Rings
1837 - 1928
Quality Through Generations

Mail Inquiries Receive Prompt Attention

Fifth Avenue & 37th Street
New York
LES POIS DE SENTEUR DE CHEZ MOI CARON
CARON'S SWEET PEAS

CARON CORP., 389 FIFTH AVE., NEW YORK
GLIMPSES OF THE MOON

OUT of the depths they come, out of the warm, blue waters ... borne upward through fathoms of liquid light by dark-skinned divers. . . .

Imperial and incomparable gems! . . . Gleaming like round white moons on velvet cushions . . . lustrous and softly bright. . . . And there is something in the chaste loveliness of pearls that seems to gather substance from its own reflection. Pearls are more beautiful with other pearls. Their delicate hues, their softly fluent contours gain added grace and charm from one another.

For those who love and long to treasure pearls, it is not difficult to make a beginning. Pearls may be had at very modest cost; and later, when circumstances permit, larger and finer ones may be added. In this way it is possible to build up a collection of real authority and distinction.

It has long been known among collectors that they can find at Marcus & Company a wide selection of pearls, and that the direct European buying practiced by this house insures the greatest economy compatible with quality. . . . And in your consideration of pearls the resources and counsel of this organization are completely and cordially at your service.

Strings of pearls from $115,000 to $200. A large selection of loose pearls to add to necklaces, from $20,000 to $10. Pearl rings, earrings, bracelets and pendants in a wide variety of distinguished mountings.

MARCUS & COMPANY
JEWELERS

WM. ELDER MARCUS, Jr. CHAPIN MARCUS

At the corner of Fifth Avenue and 45th Street, New York; and Palm Beach
Guerlain

SHALIMAR

Out of essences so rare that only a small quantity can be procured. Guerlain, 100 years a parfumeur of France, has created Shalimar, the unforgettable.

New York 578 Madison Ave - Paris 68 Champs-Elysées
Guerlain perfumes are bottled and sealed in Paris and sold only in the original bottles.
The Leisure Hours of Summer

Require outdoor furniture that interprets undoubtable comfort and convenience in distinctively modern lines and colours—so, in recognition of this demand, Altman is now ready with a collection of suites and separate pieces in reed, stick reed and stick willow that is exceeded in variety only by the exceptional range of imported and domestic fabrics with which they may be upholstered to accentuate individual decorative plans

Four-Piece Stick Reed Suite Sketched, $178

FURNITURE—SEVENTH FLOOR
Face Powders

by

WOODWORTH

Creators of Exclusive Powders and Perfumes since 1954

Presenting, a distinctive creation artistically packaged in the vogue of today - A powder supreme in fineness laden with the fascinating perfume of

VIEGAY

at $1.50

also

VIEGAY at $2.50
KARESS at $2.50
FIANCEE at $4.00

WOODWORTH Inc
New York - Paris
May, 1928

New theories of design in
SUMMER FURNITURE

have been applied effectively in these colorful pieces. They are much more comfortable than furniture destined for porch or roof garden usually is. The sofa has a deep seat, amply cushioned and covered with a strangely patterned cretonne, $154.00. The chair is an interesting example of how lounge chair comfort can be achieved in stick and cretonne by means of a cleverly-slung back, and plump cushions, $46.75. The low occasional table is scallop-edged and sleekly lacquered, $59.75.

MACY'S
34th St. and Broadway
New York
ISABEY and THE NEW FLORAL ODEUR VOGUE

The present vogue for Floral Odeurs is largely made possible by the exquisitely lovely creations of ISABEY. And now Isabey announces two new odours: Carnation and Lilac. These odours and Lys (lily), Jasmin and Violette constitute the most distinguished presentation of Floral Odeurs ever offered by any Parfumeur.

At exclusive shops everywhere

ISABEY - PARIS - INC.
411 Fifth Avenue New York

BOTTLED & SEALED IN FRANCE

PARFUMS ISABEY
Originally created for the exclusive use of one of the present Nobility of France.
May, 1928

LORD & TAYLOR

announced that the department of modern decoration is ready to design modern ensembles to meet the individual needs of its clients.

Five rooms by our decorating staff are now on display.

SEVENTH FLOOR

FIFTH AVENUE

NEW YORK
A national trend in wall decoration... fine papers by Thibaut

For many years the unusual Thibaut wall papers were offered to the general public exclusively through Thibaut’s own display rooms in New York, Boston, and other eastern cities.

Today, Thibaut papers—the much talked of “Designs of Today” as well as correct established papers—are being shown in leading cities throughout the country. We herewith present with pride the names of quality establishments in which these papers may be seen.

Ask your decorator about Thibaut designs—suggest that he inspect our latest offerings. Or see them for yourself in any of the establishments here listed. You will be amazed at the richness of Thibaut color; the dynamic quality of Thibaut designs.

If you do not live in one of the cities mentioned, write to the firm nearest you for samples and further information. Or address: Richard E. Thibaut, Incorporated, 24 West 40th Street, New York City.

Jour de Mai, the lovely scenic wall paper illustrated below, is one of the Thibaut designs now being offered by the exclusive houses listed in the next column. Of exceptional richness and distinction, Jour de Mai is offered at a surprisingly moderate price.

Two motifs selected from Thibaut’s modern “Designs of Today.”

Atlanta - W. E. Brown Decorating Company
Baltimore - C. J. Benson
Buffalo - Ralph G. Butler
Chicago - W. P. Nelson Company
Cincinnati - The C. C. Aler Company
Cleveland - The Sterling & Welch Company
Dallas - Moore Wall Paper & Paint Company
Detroit - Cadillac Wall Paper Company
Hartford - Johnson Paint & Wall Paper Co.
Houston - James Bute Company
Indianapolis - The Central Wall Paper & Paint Company
Kansas City - Kerr, Lynn & Garvey
Louisville - T. B. Duncan & Sons
Memphis - E. C. Denaux Company
Minneapolis - William A. French & Co.
Philadelphia - Kayser and Allman
Pittsburgh - John Dewar
Richmond - J. Frank Jones
Rochester - Sibley, Lindsay & Carr Co.
St. Louis - Baily-Henderson Wall Paper Co.
San Francisco - Armstrong, Carter and Kenyon
Savannah - Robert Taylor & Son
Tulsa - The Darwin Company
17th CENTURY ENGLISH OAK FARMHOUSE FURNITURE, BY KENSINGTON,

*HE quaint charm of the old English farm­house interior is in great measure due to the fact that the old oak furniture expresses so eloquently the homely Anglo-Saxon virtues—love of home, sturdy simplicity, warm hospitality. The dresser with plate-racks, the draw-top table, the hutch and cupboard, the staunch wood-seat chairs, all testify that utility, convenience and endurance in service were the prime considerations in their design and construction, yet the individuality and distinctiveness of the Jacobean style give them remarkable decorative quality.

Traditional interest makes this 17th Century English oak furniture, unsurpassed in decorative charm and practical service, especially appropriate for the American country home of today.

Kensington reproductions in the style are authentic in every detail of design and are made of solid oak by hand throughout in antique construction in a manner to retain the character and the decorative quality of old work.

*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.

Write for illustrated Booklet H and pamphlet, "How Kensington Furniture May Be Purchased."
Charming Queensware Patterns

QUEENSWARE is the name given in honor of Queen Charlotte of England to that beautiful, lustrous cream colored ware perfected by Josiah Wedgwood in 1761, after years of experimentation with the crude domestic pottery then commonly made in Staffordshire. Though widely copied and imitated for more than a century and a half, genuine Queensware has remained a distinctive and exclusive product of the Wedgwood Potteries at Etruria. Through this long period of time a wealth of lovely designs have been developed, and new ones are being created constantly, so that the purchaser has an extraordinary range of patterns and color combinations from which to choose. And Queensware generally is carried in the stores in open stock.

Our new illustrated booklet will be sent upon receipt of ten cents

Josiah Wedgwood & Sons, Inc.
OF AMERICA

255 FIFTH AVENUE • NEW YORK
WHOLESALE ONLY
Potteries: Etruria, Stoke-on-Trent, England
IN OUR SHOWROOMS

Nahon Furniture is sold only through the trade. It may be seen to best advantage in our extensive showrooms, which are always open to the public.

In purity of design, quality of materials, and skill of workmanship, Nahon furniture is in every respect equal to the best to be had in Europe. Made exclusively in our own factory, for use in American homes, it has a decided advantage over imported furniture in being built to withstand our native climatic conditions.

The Nahon Company
Manufacturers to the Decorative Trade
52nd Street and East River, New York City

Southwell Arm Chair
This comfortable, attractive chair, in the Chippendale style, is made of Cuban mahogany, upholstered with all hair stuffing throughout. An ideal, distinctive piece for a Colonial or English room, it may be purchased through the interior decorator, or the furniture dealer.
Dining in the Gay Nineties

SOUP, in the "gay nineties" was brought steaming to the table, in a massive tureen: then ladled into plates by the hostess. And what plates they were ... deep bowls often measuring nine or more inches across.

But our national appetite has decreased! The staggering multi-course dinner is encountered only in story. And the ponderous china on which it was served is now thoroughly out-of-date.

The soup plate has bowed to the soup cup (sometimes called creamsoup). A successor of graceful proportions, alive with a beauty which reaches its supreme development in the smart forms and patterns of Black Knight china.

* * *

This lovely handled cup is but one example of the distinction which marks modern Black Knight china ... the smart, non-chipping china which has broken the bonds of the arbitrary "dinner set". Substituting for the weary monotony of an identical pattern throughout the dinner, the correct Black Knight course combinations. Which means simply that separate courses are served on different sets of plates, related in groups. Making of a dinner a brilliant procession of changing colors, each service refreshingly different in details.

Smart stores in most cities offer Black Knight china in their Black Knight Style-shops. They will be glad to suggest design combinations which will cast a witching spell of beauty over your table.

The Gracious Art of Dining is a 64 pp. booklet, surveying charmingly the current amenities of smart dining. Helpful suggestions. Photographs. Send 25c. to Black Knight. Dept. 2H, 104 Fifth Ave., New York.

The hallmark of smart distinction.
BLACK KNIGHT CHINA
The spirit of the best in Early American life lives again in this dining room suite... the Knickerbocker. To faithfully reproduce the genius and artistry of Duncan Phyfe, America's foremost craftsman, Kittinger has selected richly figured solid Honduras Mahogany of such quality and beauty as Phyfe would have delighted in working. Only in the finest of such woods are the fluted carvings and decorations so characteristic of Phyfe's best work, possible of masterful execution.

Extension table, sideboard, server, mirror, china cabinet and chair... all are in solid mahogany, finished in duo-tone rubbed lacquer... with antique bronze fittings of unusual beauty of design.

In all Kittinger furniture for living room, dining room, bed room and hall, the finest solid woods are used... principally Honduras Mahogany or American Walnut... even in hidden or minor parts. Substitute woods are not worthy of Kittinger design and craftsmanship.

And yet, because of Kittinger methods of production, the cost of these exquisite pieces is far less than you would expect to pay.

A brochure describing the "Knickerbocker" suite together with other literature showing Kittinger Distinctive Furniture for the living room, club or executive office will be sent on request. Kittinger Company, 1864 Elmwood Ave., Buffalo, N. Y.
Old family trees have countless branches
but the forefathers' furniture did not multiply

Every family descended from old American stock has a deep-rooted love for the furniture of its early forebears... Not only because of tradition, but because Early American furniture is comfortable, quaint, sturdy, simple and altogether lovely, and harmonizes with the type of architecture that prevails in modern homes and apartments.

Of course there aren't heirlooms enough today, to provide one single
original piece of Early American for every family of descendants. The
question of furnishing a whole house with them has been unthinkable until now that the work of the Fayetteville Stickleys has begun to materialize.

L. & J. G. Stickley have been exceptionally determined and fortunate in collecting fine Early American originals, and have made a business of faithfully reproducing these so that every room in Early American homes can be completely equipped in the true Early American manner. Merely to see Stickley reproductions is a pleasure for lovers of the beautiful... to possess them is an unending joy.

Early American
BUILT BY
STICKLEY
OF FAYETTEVILLE, N.Y.
COLOK HAKMONIES

like the flaming flowers of Spring

Buick motor cars wear beauty as radiant as the glowing blossoms of the countryside. Not only the beauty of pleasing lines, but also the beauty of alluring color...

Harbor Blue—Valley Green—Boulevard Maroon—Talina Brown—these and other exquisite shades adorn Buick bodies by Fisher. All were chosen by color specialists. All are tasteful as well as distinctive. And all combine with Buick’s long, low lines to place these cars in the forefront of fashionable creations.

This Spring, you want the most satisfying automobile you can buy. Vivid beauty—plus world-famous performance—tell you to choose a Buick!

WHEN BETTER AUTOMOBILES ARE BUILT BUICK WILL BUILD THEM
ONLY the very finest floor material could meet the requirements of this richly appointed room. Goodyear Rubber Tiling was selected not only for beauty of design and coloring but also for its quietness under foot and laboratory cleanliness. No trouble at all to keep it clean.

Just ask yourself if these are not the floor qualities you want for any room in the house. You'll find Goodyear Rubber Tiling adaptable to any interior, whether it be period style, modern effect or just simple harmony and good taste.

You will be especially pleased by the variety of good designs, including many rich marbleized effects and any number of other attractive patterns in two- and three-color combinations.

And here is more good news: when quality and long wear are considered, the cost is surprisingly low.

GOODYEAR RUBBER TILING
The interior of a home is generally considered a symbol of the owner's individuality... The knowledge and experience of W & J Sloane enable them to interpret your taste in furnishings of dignity and comfort.
simplicity
directness
characterize
the changing
age
DYNAMIQUE
endeavors to
express the
new age in
furniture

DYNAMIQUE IS SHOWN IN A
LEADING STORE IN THE LARGER
CITIES THROUGHOUT THE
UNITED STATES AND CANADA.
JOHNSON-HANDLEY-JOHNSON CO.
GRAND RAPIDS, MICHIGAN
The Big Chief, bless his heart, arrived home one night with the Handy Nail Box tucked under his arm. Has hammer, tack lifter, gimlet, screw driver and pliers, and tacks, screws, nails and hooks. Of course, I explained to the Big Chief that that doesn't let him off fixing things when he's home. But on all other occasions, my Handy Nail Box is certainly a friend in need. $6.75.

This Housecleaning Pail is partitioned—one side for soapy water, the other for clear. Boasts an attached basin, too. Enamelled blue. $7.00. (Also white or red.)

LAST TIME the bridge club met here I caused a mild sensation with a novel cake that looked like a checkerboard—which effect I achieved with my Checkerboard Cake set. It's a double ringed affair I place inside a cake pan. Into the small center ring goes dark batter, into the next ring light batter. And into the space between the outer ring and the rim of the pan, dark batter again. Then out lifts the ring. The next layer starts with light batter in the center, then dark, then light. When the layers are baked and put together with filling and iced, the cake cuts down in checkerboard design. $1.75 set.

Hat Holders are bronze rings that fasten to closet walls. They hold hats out from the wall—keep them from being knocked and my hair from scratches! It holds luggage at the right height for packing. Folds up flat when not in use. Mine is finished in mahogany. But they also come finished in walnut or ivory. $7.50.

Hat Holders arc bronze rings that fasten to closet walls. They hold hats out from the wall—keep them from being knocked and my hair from scratches! It holds luggage at the right height for packing. Folds up flat when not in use. Mine is finished in mahogany. But they also come finished in walnut or ivory. $7.50.

Preaching against an untidy clutter of shoes on the closet floors had little effect on my family. So I bought Shoe Racks for all bedroom closet doors—which solved the problem beautifully. They're fastened to the door and keep the shoes in neat rows—off the floor. Metal in black or bronze finish. Both finishes in 20" and 24" lengths. $1.00 each.

I've had my handy little Vegetable Bin five months now—like it better all the time. It keeps fruits and vegetables so fresh—safe from mustiness. Keeps them all tidy together in one place, too. The Bin is a compact affair with five bins, of strong light steel, perforated, to let the air circulate freely. It is 15" high, 20" wide, 12" deep and cost $10.00. There's a smaller apartment size, $6.50, and a larger suburban size, $13.50.

Blessings on thee, little Trunk Stand. You save my bedspreads from getting rumpled and my clothes from scratches! It holds luggage at the right height for packing. Folds up flat when not in use. Mine is finished in mahogany. But it also comes finished in walnut or ivory. $7.50.

Last time the bridge club met here I caused a mild sensation with a novel cake that looked like a checkerboard—which effect I achieved with my Checkerboard Cake set. It's a double ringed affair I place inside a cake pan. Into the small center ring goes dark batter, into the next ring light batter. And into the space between the outer ring and the rim of the pan, dark batter again. Then out lifts the ring. The next layer starts with light batter in the center, then dark, then light. When the layers are baked and put together with filling and iced, the cake cuts down in checkerboard design. $1.75 set.

Hat Holders are bronze rings that fasten to closet walls. They hold hats out from the wall—keep them from being knocked and my hair from scratches! It holds luggage at the right height for packing. Folds up flat when not in use. Mine is finished in mahogany. But they also come finished in walnut or ivory. $7.50.

I find this Kneeling Mat a great help for close garden work. It's soft and thickly padded—saves my back and knees. Made of Chinese rush with an oilcloth bottom. $1.50. This trowel and fork are other aids to happy gardening. They have comfortable handles of seasoned ash, and durable blades of fine English steel. $1.50 the pair.
MINUET

in the spirit of Early America

MINUET

PINE TREE

first and second patterns in the American series

The American Series embodies, in sterling silver, representative phases of American life. The designs are and will be of purely native inspiration. Two patterns only have been completed; for, out of a century and a half of national life, but two American "periods" of artistic consequence have emerged. Succeeding patterns are a matter, perhaps, for future generations of International silversmiths. Their issuance will be dictated only by the further development of an original American art.

MINUET, the first pattern, has already received some of the highest honors ever accorded an American silver design. A famous decorator terms it the only sterling pattern in perfect accord with the authentic Early American interior. Yet so gracefully does Minuet express a deathless period's lovely simplicity that it is equally charming in any American home, regardless of its setting.
PINE TREE, the new second pattern, portrays an America just awakening to the artistic possibilities within her own everyday life. In this strikingly modern design, swift-flowing outlines symbolize the upward sweep of pine branches. Pine cones make a delicate clear-cut border. On the back of each piece appears the rough-hewn image of the pine that was America's original identification of sterling silver... It is a little touch of genius that distinguishes your Pine Tree silver instantly as sterling of great interest and charm.

These are patterns that will be as precious, generations from now, as the immortal metal from which they are so exquisitely wrought.

More information about this silver:
6 teaspoons in either Minuet or Pine Tree design, $11. Twenty-six piece set (8 teaspoons, 4 knives, 4 forks, 4 bouillon spoons, 4 individual salad forks, 2 tablespoons), $73.35. A lavishly illustrated brochure describing either pattern and its origin in detail, will be mailed for 15c and coupon.

INTERNATIONAL SILVER CO., Meriden, Conn.
Enclosed is 15c (coin or stamps) to cover cost of mailing Minuet □ or Pine Tree □ brochure.

Name........................................................................
Address....................................................................
City............................................., State.............
A GARDEN is as lovely as you make it. Nature in her vagaries brings sunshine and shadows, majestic trees and dainty flowers. The rest she leaves to you—to brighten barren spots and fill the empty nooks. And for your part The House of Jackson tenders treasures for the garden, antique carvings done in stone and marble. For your selection lofty fountains, massive urns and well heads, inviting seats and benches. Only a visit to one of our shops—at New York and Chicago—can bring to you a full appreciation of how we can aid in making yours a beautiful garden. But if you cannot call we shall do our best to serve by correspondence, for photographs of available pieces may be had by addressing us at New York, Dept. HG.

GARDEN

Fountains, Benches, Seats, Urns, Vases
Well Heads, Columns, Modern and Antique Mantels, Andirons, Firesets and other Fireplace Fixtures.

Wm. H. Jackson Company

Established in the Year 1827

2 West 47th Street
New York 318 N. Michigan Ave.
Chicago

The Oldest House of Its Kind in America
The Lord God Planted a Garden

The Lord God planted a garden
In the first white days of the world,
And He set there an angel warden
In a garment of white enfurled.
So near to the peace of Heaven
That the hawk might nest with the wren,
For there in the cool of the even
God walked with the first of men.

And I dream that these garden-closes
With their shade and their sun-flecked sod
And their lilies and bowers of roses
Were laid by the hand of God.
The kiss of the sun for pardon,
The song of the birds for mirth—
One is nearer God's heart in a garden
Than anywhere else on earth.

DOROTHY FRANCES GURNEY

FURNITURE

Pieces illustrated on these pages are: Tall column in red Verona Marble, $350 each; Carved Marble Seat, $1500; Red Verona Marble Well Head, $1500; Italian Fountain in Carrara Marble, $1000; Italian Vase in Istrian Stone, $350 per pair.

Wm. H. Jackson Company

ESTABLISHED IN THE YEAR 1827

2 WEST 47TH STREET NEW YORK
318 N. MICHIGAN AVE. CHICAGO
THE OLDEST HOUSE OF ITS KIND IN AMERICA
Checking dandruff pleasantly

"Glittering tresses which now shaken loose, showered gold". So wrote Meredith. And Bailey added that they "drop upon thy cheek like gold-hued cloud flakes on the rosy morn".

That was in the days before dandruff. Today, the perfect head of hair is the exception. Through ignorance, carelessness, or laziness, today's women needlessly allow dandruff to get the upper hand. Don't tolerate this condition, in yourself or members of your family. Ordinary dandruff (spread by promiscuous use of combs, etc.), can usually be checked quickly and pleasantly by the systematic use of LISTERINE — the safe antiseptic.

Listerine. No expensive "treatments". No complicated "cures". Simply douse it on the scalp, full strength, and massage vigorously, occasionally using a little olive oil if your hair is excessively dry. Keep it up for several days. You will be amazed and delighted by results.

LAMBERT PHARMACAL COMPANY
ST. LOUIS, MO., U. S. A.

You'll like it
Listerine Tooth Paste is as refreshing as it is effective and but 25c the large tube.
PRIVATE view day at the Royal Academy (the start of the London Season) . . . and Lady Margery Staunton of that old Yorkshire family, contributes much to the charm and beauty of the affair. She wears the softest gray . . . the rarest tints of rose . . . ah, there seems no color, no costume, that does not well become her, for hers is a complexion delicate and fair . . . and fresh as any flower. Through tradition Lady Margery found this single toilet soap which would soothe and stimulate her fair skin as no other. For generations English women (and in Paris, too, where it is known as “le savon des elegantes”) have held Yardley’s Old English Lavender as the soap supreme for cleansing their skin, and preserving for them a beauty admired throughout the world. The fragrance of this soap is a constant delight to Lady Margery. She has found it again, in the other Yardley products. England’s best, obtainable anywhere in America. “The Luxury Soap of the World,” box of three cakes $1, or 35¢ the cake; Lavender Perfume, $1; Face Powder, $1; Compact, $1.25; Talc, 50¢; Sachet Tablets, 25¢; Shampoo, 15¢ the cartridge; Bath Salts, $1; Bath Dusting Powder, $1.50. Yardley, 8 New Bond Street, London; 15-19 Madison Square North, 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 in 1770
Now...  
*a fabric you can leave outdoors*

It is waterproof; it is mildew-proof; it is absolutely sunfast — this new-finished Lancaster Stayso Slip Cover Cloth. For by the Stayso process applied by Lancaster Mills, it is completely weatherproofed — making it indeed the ideal fabric for terrace and lawn furniture, boat cushions, porch furniture and bathing capes.

Lancaster Stayso Slip Cover Cloth has long been a standard fabric for slip cover use — its new finish gives it a score of new uses, while it retains all its crisp, fresh beauty of coloring and design.

Ask to see this beautiful new line at your favorite store. New as it is, the store should have a good variety to show you — but if the material is not yet in stock, write us direct for samples, and we will tell you at the same time at what other convenient place you can buy it.

Amory, Browne & Co.
Dept. D. 3, Box 1296, Boston, Mass.

LANCASTER FABRICS
ANNOUNCING

The World's
Lowest Priced SIX
with 7 Bearing Crankshaft

REVOLUTIONIZING all standards of six-cylinder motor car value—
establishing a trend of design as advanced as that created by the
Whippet in the four-cylinder field—the new Whippet Six is, in many respects,
the most amazing car of the year. It offers, at a hitherto unheard of price,
an array of mechanical features worthy of a Six costing two to three times
as much. The new Whippet Six is smooth and silent; it is exceptionally
powerful; it is flexible; it is exhilaratingly lively. Long, low-swing bodies
in harmonious lacquers, and smart interiors, give a distinction and an air
of custom car luxury that will evoke your admiration. Willys-Overland,
Inc., Toledo, Ohio. Willys-Overland Sales Co., Ltd., Toronto, Canada.

Whippet Six Touring $615; Roadster $685; Coupe $695; Sedan $745.
Prices f.o.b. factory and specifications subject to change without notice.

Pistons of the new Whippet Six are of the Nelson type—made of a special aluminum
alloy, with invar steel strut. This design pre­
vents piston distortion and insured faster pick­
up, greater speed and power, and longer life.

and These
Quality Features:
Full Force-Feed Lubrication
Silent Timing Chain
Invar-Strut Pistons
4-Wheel Brakes

The new Whippet Six
A Rainbow Color Range from which to Choose

Leavens “Finished to your Order” plan of buying furniture gives you unlimited scope in your choice of color or finish. Under the Leavens plan you may secure furniture painted, stained or decorated to harmonize with the wall paper, draperies and other furnishings of the room. No color tone of the spectrum is too difficult for us to match. Soft blues, brilliant reds, jade green, old rose, sunny yellow, mulberry, with decorations of any motif in keeping with the style of your room. The Leavens' artists are skilled in helping the furniture buyer secure exactly the effect desired.

In the Leavens Catalog are illustrated hundreds of styles and types of furniture ranging from the simple unfinished Windsor chair to the complete living room, breakfast room or bedroom suite. You choose the piece or pieces wanted and tell us what decorations, finish or colors you want. Or, if you like to paint at home, you can buy Leavens furniture unfinished ready for your own brush.

The entire plan of buying furniture unfinished, furniture stained or furniture painted and decorated, is described in the new Leavens Catalog. If you would like this catalog, please write your name and address on the line below and mail to William Leavens & Company, Inc., 52 Canal Street (Dept. G-5), Boston, Mass.

This breakfast set of Colonial pieces with daring Chinese decorations is one of many described in the Leavens Catalog and illustrates how unusual and strikingly beautiful effects may be obtained through Leavens' artists and decorators. You may buy this exactly as shown or you may order it finished, stained or painted and decorated to harmonize with your own interiors. Pieces may be secured singly or in sets as you choose.

LEAVENS Furniture
From such Historic Doorways as this comes the Inspiration for McKinney Forged Iron Hardware.

A regretful sigh is quite permissible when contemplating the difficulties of recreating under modern conditions the marvelous beauty of such dwellings as that illustrated here. Much money is necessary; skilled artisans; and, above all else, time. For the thousands of lovely details which added their charm to the stately dwellings of former gallant days cannot be reproduced except over periods of years. Who can wait so long!

And yet—the spirit of some of them can be caught. The inspiration for Forged Iron Hardware by McKinney has come from the masterpieces of metal craftsmen who did their part in beautifying these great mansions. In every line and curve of the McKinney Iron one feels the sturdy ruggedness of character, the harmony of proportion, the masterly texture which marks the forging of iron as the work of an artist. The Warwick Design catches the true spirit of Early England. In the McKinney Alhambra and Etruscan patterns one feels the influence of sunny Italy and Spain. The Heart, Tulip and Curley Lock reflect the directness of purpose and grace of line held in our Colonial architecture. McKinney has made this authentically designed Forged Iron Hardware available for houses of even modest size and cost. All essential pieces are included for trimming a house complete: hinge straps of great strength and beauty; handle sets, lever handles, H & L hinges (for corner cupboards, too) mail boxes, knockers, garage and gate sets.

Every piece is rust-proofed, with a texture and finish rivaling that of its original predecessors. Builders' Hardware Merchants carry it in stock. Many pieces such as lanterns, knockers and fireplace equipment may be had at Department or Electrical stores. A Catalog will explain some of its charm, but there is nothing to equal seeing McKinney Hardware itself. McKinney Mfg. Co., Pittsburgh, Pa.
Every-Day Experience Proves the Value of Anaconda Copper for Gutters Rain Pipes Flashings

HE minute you own a home you discover many new interests...selection of rugs, furniture, a brighter kitchen, perhaps a more brilliant garden...possibilities without end. But if, some day, you face the necessity of replacing rusted gutters or rain-pipes, it will not only be an inconvenience but perhaps upset your budget and interfere with some of the other things you were planning to do.

To use other than carefully made sheet copper for gutters, rain-pipes, valleys and flashings, is to invite trouble. Metals that rust when exposed to weather must be repaired and replaced all too soon in spite of paint or other surface protection. Every-day experience proves the value of pure Anaconda Copper for protecting your home and your investment. If the house is average size, copper will save $24 a year that would otherwise be spent for repairing and replacing rustable metal. As long as your house stands, you need never replace gutters, rain-pipes or flashings of this rustless, time-tested metal made by the world's largest producer of copper, brass and bronze.

Anaconda Copper cannot rust — year after year of snow, ice, hail, rain and moisture have no effect upon it. Yet Anaconda Copper is not expensive...its initial cost is slightly higher than the cost of rustable metals, but it will pay for itself many times over in the repairs and replacements that it saves. Your architect or builder will be glad to give you comparative figures.

Rust-proof the entire house

For only about $450 more than the cost of rustable metals, the average $15,000 house can be completely rust-proofed...with gutters, rain-pipes and flashings of Anaconda Copper...with Anaconda Brass Pipe for hot and cold water lines...with screens of Anaconda Bronze and with hardware of solid Anaconda Brass or Bronze. These rustless metals pay for themselves many times over, and always prove an added attraction when the house is sold. Write to our Building Service Department for a copy of the new booklet, "Rust-proofed," or for any information you may require. The American Brass Co. Waterbury, Conn.

Anaconda Copper
BRASS & BRONZE

Screens of Anaconda Bronze Wire are so much more economical than corrodible screens that their installation is an unusually logical step in rust-proofing the home. They cost only about $15 more than corrodible screens for the average eight-room house.
When Grandma Comes to Live with You

Will the "Room of her Own" be Cheerful... or Cold?

SOONER OR LATER TO EVERY house an old and lonesome person will come to pass the declining years. It may be a mother, father or grandparent. They ask little. They should have a room with all the comforts that are found in every house built with Celotex.

WHEN you grow old, you, too, may live in a house run by younger people. To old people, a house is kind or unkind. They spend most of their time indoors—usually in a room upstairs set apart for them.

This room can be chill in winter—baking hot in summer—an unkind room in an unkind house. Or it can be cheerfully warm in winter, refreshingly cool in summer—a kind room that is sought, not avoided; loved, and not dreaded.

A building material makes this difference—a remarkable building material called Celotex that shuts out winter's icy blast and summer's stifling heat. There are more than 217,000 such homes already built and more going up every day. They cost from 25% to 35% less to heat. They are kind homes, kind in their first cost, because Celotex as sheathing replaces wood lumber and makes the house stronger. They are kind homes in their upkeep because of saving in fuel cost. They are kind in their very atmosphere of comfort in every room. And where Celotex Lath is used, plastered walls have a modern permanent beauty, forever free from lath marks.

In the house that is built with Celotex families are happier, lives are brighter—for the children, for the breadwinners and for the old. In your own community, homes are being built this way. They are homes that are all the architect means when he speaks of "a home," and they are all that the poet means when he sings of "home."

You can identify these homes, and the builders of them, by the Celotex sign... the sign of a well-built house.

Forward looking builders display this sign. To know these men is to be nearer to the ownership of a more modern home.

For complete information write for the book, "Year 'Round Comfort with Fuel Saving." Learn how Celotex comforts may be had in homes already built. Address The Celotex Company, 645 N. Michigan Avenue, Chicago, Ill.
Telephones were once thought to be mere toys for the wealthy. So, in their turn, were automobiles. A few years ago, many people had the same idea about oil burners.

It is pretty generally realized now that the use of liquid fuel for home heating is not to be enjoyed by the few and denied to the many. Satisfactory installations of Quiet May Automatic Oil Burners in thousands of homes,* large and small, demonstrate its mechanical perfection as well as its adaptability to fill a universal need.

*Each of the homes illustrated is equipped with a Quiet May. Names and addresses of the owners on request
There are two types, only, of International Metal Casements—the Cotswold, which is ready-made in the standard shapes and sizes ordinarily found in home construction, and Custom-Built, for the more pretentious residence where the windows are specially designed. Both the Cotswold and the Custom-Built Casement are guaranteed weatherproof when installed by International erectors.

We shall be pleased to send you upon request a copy of our illustrated booklet *The Window Artist*, which gives many interesting suggestions regarding the interior and exterior treatment of windows.

INTERNATIONAL CASEMENT CO. INC.
JAMESTOWN, NEW YORK

IN CANADA: ARCHITECTURAL BRONZE AND IRON WORKS, TORONTO, ONTARIO
REMODEL THE OLD FAMILY HOME OR BUILD ANEW from this WONDERFUL BOOK!

"Houses of Wood for Lovers of Homes"

Includes the Famous $1,000 Prize Plan — 9 Other Prize Winners and 10 More Excellent Designs: 25 in All, Drawn by 25 Skilled Architects and Now Published for the First Time

These plans were chosen from more than 300 submitted in our recent architectural prize competition. The houses include all those features dear to the housewife's heart—step-saving arrangement, bright, cheerful rooms, breakfast alcove, sleeping porch, a wealth of closet space, built-in conveniences — in short, hominess and cozy comfort in every nook and corner. You'll like these plans too because they'll reaffirm your faith, confidence and admiration in and for the house of wood. The book will show you a home suited to your needs, to be built throughout of Arkansas Soft Pine — a wood of tough strength in the structure, paint-holding surfaces for the exterior and rare beauty for interior woodwork, all in keeping with your desires and pocketbook.

Just enclose 25c, coin or postage, with the convenient coupon below and give yourself a real home-lover's treat. Remember you can remodel from these designs as well as build anew

---TEAR OFF AND MAIL---

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Enclosed find 25 cents for a copy of your book "Houses of Wood for Lovers of Homes."

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Window openings gracefully outlined with the slender frames of Crittall Casements and set with sparkling panes of leaded glass invite your admiration. Simply and attractively draped interiors that abound with air and sunlight captivate you completely.

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When an architect builds a home of his own
observe that he chooses the most lasting and most beautiful of roofs

Architects in ever-increasing numbers are roofing their own homes with Imperial Roofing Tiles. Latest among them is Mr. Walter G. Schaeffer, whose charming residence at Dayton, Ohio, is beautified and protected from fire and the elements by a roof of Imperial Straight Barrel Mission Tiles.

Our interesting brochure, "The Roof," contains numerous full-color plates of distinctive tile-roofed residences. We will forward a copy on receipt of 25c (coin or stamps) or an illustrated color folder will be sent you free! Address: Ludowici-Celadon Co., Dept. A-5, 104 South Michigan Avenue, Chicago.

FIRST PRIZE to this Fenestra Casement Home

This little hillside home, with its Fenestra Casement Windows overlooking a sunny California valley, was awarded first prize from a field of over two hundred contestants in House Beautiful Magazine’s recent Small Home Competition.

Some of the major factors which led to the unanimous preference of the judges were: simplicity, household convenience, and harmony between house and site. That Fenestra Casements contributed to these and other advantages is shown by:

What the Architect says: "Fenestra Casements were selected because they economize wall space, because of their convenience, and because they cost practically no more than wood windows. The units are flexible, enabling the architect to fill openings of different sizes, yet preserving the scale."

Garyn Office, Berkeley, Cal.

What the Builder says: "I have used your Fenestra Casements in the First Prize House and like them very much. They are simple and easy to set and adjust, and do not get out of order."

H. C. Kidder, Berkeley, Cal.

What the Owner says: "Beauty, easy operation and cleaning, the providing of plenty of sunlight and fresh air, and low cost are some of the things I like about my Fenestra Casement Windows."

(Owner’s name upon request)

This Drapery Booklet Free!

If you plan to build a new home you will find many helpful suggestions in the new booklet, "Decorating with Casements." In its preparation, W. & J. Sloane, Inc., New York City, Marshall Field & Co., Chicago, and the J. L. Hudson Co., Detroit, assisted. Would you like to have a copy — free? — a postcard will bring it.

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Convenient Warehouse Stocks
Enchantment
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The four walls of a room are the setting for your personality. Give them character, charm and dignity with panels of California Redwood.

Because of its rich velvety texture and natural beauty of grain, Redwood endows its surroundings with a distinction and grace whether in panels, beams, balustrades, or trim.

Redwood comes in wide clear lengths, free from blemish and annoying pitch. Its natural color—a silvery combination of browns and greys—asks for no treatment, but takes and holds any desired stain or finish. No wood is more durable—it will last for generations, even if unpainted and exposed to the weather.

Write your name and address in the margin below. We will gladly send you a portfolio of beautiful photographs showing interiors and exteriors of beautiful homes. Address the California Redwood Association, Dept. 355, 24 California Street, San Francisco, California.
Is Good Furniture Ever Out of Style?

"Styles in dress," says Baron Lyemare, "change by the season; styles in motor cars, by the year; styles in furniture, by the decade." This is essentially true.

One has only to recall that today many of Berkey & Gay's distinguished suites are fashioned in the classic modes of Old Spain, Early English, Italian Renaissance and American Colonial to realize that genuine beauty in furniture design is perennially correct.

Berkey & Gay's interpretations of these classic styles are modern. There are numberless refinements of detail—many conveniences and comforts unknown to the past—yet the spirit of the past is always charmingly preserved.

Commonplace furniture is soon out of date—good furniture never. That's why it pays to buy the best, and why Berkey & Gay's style leadership has not been challenged for 75 years.

This year's offerings—for our 75th anniversary—cover the widest range of styles and prices in our history. Write for the address of your nearest Berkey & Gay dealer—and consult The Furniture Style Book for the latest ideas on furniture selection and arrangement.
EXPERIENCED BUILDERS KNOW THAT A HOUSE IS GREATLY IMPROVED BY CHARMING LUPTON WINDOWS

NOW, while your house is in the plan stage, get the advice of people who have lived in homes equipped with Lupton Windows of Steel. Their knowledge of values has been gained from experience and their approval of a building product is the most reliable proof of its worth that you can have.

It is this kind of approval which has helped to increase the country-wide acceptance of Lupton Steel Casements as the most desirable windows for modern homes. Experienced builders and home owners will tell you that a house or apartment is greatly improved by these charming windows—in comfort, in appearance and in convenience.

Snug-fitting when closed, opening smoothly outward for ventilation, easy to screen and to curtain in good taste, Lupton Casements of copper-steel make every room more enjoyable and add a note of modern style to the entire dwelling. With all these positive advantages, you can install these windows throughout your home for remarkably little money.

Investigate for yourself the merits of Lupton Steel Windows, which increase the value of your home by many times the investment required. Send for our illustrated booklet, "Better Windows for Your Home." You'll find it instructive.

DAVID LUPTON'S SONS CO. 2253 E. Allegheny Avenue, Philadelphia
May, 1928

"TAILOR-MADE" BY EXPERTS

return their cost many times over in greater satisfaction and service

WHY have carelessly made, ugly, poor fitting screens when expertly designed, architecturally attractive, and accurately fitted ones like those pictured here can be had at reasonable cost?

See how well they blend with the architectural style and become one of the real charms of the home, inside as well as out. Such an effect is possible only when the screens are planned by experts with the same care and knowledge as the rooms, halls, stairways and furnishings.

Correct, durable screening adds not only this new touch of beauty, but extra value which is cashable in case the house is ever offered for sale or rent.

How can you get these artistic, dependable screens for your home? By placing your order with a member of The Screens Manufacturers Association of America, a group of experts who have been designing metal and wood screens for periods ranging from twenty-one to thirty-six years.

A rich background of training and experience enables them to treat each opening as an individual problem and provide exactly the right screen for it. Your home equipped throughout with Association designed and fitted screens will be much more attractive and surprisingly more livable.

When to order screens

As screens can either mar or enhance architectural beauty, they are logically considered one of the basic essentials of the well-built new or remodeled home. Therefore, they should be selected not only as carefully, but as early as the other important building materials. Include them in your original plans, entrust the order to a member of the Association when you place your other contracts, and you will be certain of having them made correctly and on time.

Return the coupon today for free booklet "The Fine Art of Screening the Modern Home."

THE SCREEN MANUFACTURERS ASSOCIATION OF AMERICA

The Screen Manufacturers Association of America
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A subtle note of Old World Luxury

can be built into the interiors of your home at trifling cost. For furniture, fabrics and bibelots alone won’t create the rich effect you desire.

SOME rooms you enter are immediately impressive. Somehow they seem to breathe a subtle note of old world luxury, usually the distinguishing feature of homes in good taste. You look for what has created the effect, and at first it eludes you. Then you realize that it is the background of the room itself, with the usual monotony of line relieved by a tasteful use of plaster ornament.

More and more, experienced designers of interiors are coming to realize that furniture alone, even though carrying out a complete scheme in itself, will not create that luxurious harmony that distinguishes the unusual room from the commonplace. Wall surfaces and ceilings, too, must be in keeping. Sometimes just a suggestion of ornamental plaster will suffice — perhaps a rich molding, a delicate arch, an interesting ceiling. Through this plastic medium, a touch of the architectural detail of any period can be incorporated in even the simplest schemes — and at very little cost.

Consult your architect. He will have the complete catalogues of the six firms listed below, from which to select designs adapted to your own individual needs.

SEND FOR BOOKLET

Illustrating the effectiveness of plaster ornament in small as well as large homes, a beautiful brochure has been prepared, “A Handbook of Notable Interiors.” Write for Booklet A-2 to any one of the six firms.
Cordial Elegance is reflected in the new period

RENAISSANCE OAK

... finished in warm, rich brown tones.

Echoing the artistry of Elizabethan craftsmen, this Oak suite by Grand Rapids Bookcase and Chair Co., is an example, par excellence, of correct combination of period and traditional medium of expression. Panel-work, door and floor in handsome Oak complete the decorative ideal of an harmonious whole.

INTELLIGENT designing of Oak has brought about a new interest in "the sovereign wood," and resulted in a new style. "RENAISSANCE OAK" is offered as the first, truly American period. A period of grace and beauty, based on the glorious styles of the Renaissance and finished in warm, rich, brown tones, suggestive of the age-mellowed antiques harking back to the periods which inspired the designs.

"RENAISSANCE OAK" assures not only style smartness, but also heirloom quality, characteristic of Oak, proverbially enduring. See this lovely new period in those shops known for sterling quality, shops enjoying the franchise of furniture manufacturers recognized as style leaders.

If you delight in beautiful, well-considered interiors, are planning refurnishing or remodeling, you will treasure the beautiful 80 page brochure "The Charm of the Sovereign Wood," which the accompanying coupon will bring you, free.

Oak for Charm and Livable Character—Furniture for your Children's Children.
ADDS A TOUCH OF COLOR TO THE TEST OF TIME

Conforming to the new demand for attractiveness in warming equipment—conforming to the old demand for satisfying comfort—the National Jacketed Boiler finds high and merited favor with homemakers everywhere.

The boiler finish is a brilliant, durable, dirt-defying Empire green with black trimmings. Good proportions and simple lines give an impression of dependability and effectiveness.

An exceptionally deep, large capacity fire-pot permits less frequent, more efficient firing. Long forward and back fire travel, through a double set of three flue ways, and the heavy layer of rock-wool insulation between jacket and boiler, assures a cool cellar; converts a maximum of fuel heat into house comfort.

The attractiveness of the National Jacketed Boiler is immediately apparent. Its effectiveness has been demonstrated in thousands of installations. Its quality is attested by the fact that it's "A National Product."

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Ten Plants devoted to National Service through these Branch Offices and Warehouses:

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Everlasting Face Brick, durable as the eternal hills, is ever beautiful in its varied and changeless colors and textures and is never failing in the interest and charm which indicate discriminating taste. Permanent in all its qualities, the Face Brick house combines good taste and good judgment in superlative degree and offers many enviable economies.

As we are judged by the clothes we wear, so are we judged by our choice of homes. Certain it is that the Face Brick house is invariably the home of those with a keen appreciation of the beautiful and a fine sense of true values.

The style and beauty of Face Brick, made possible by an unlimited variety of colors and textures, are united with great endurance and economy. The owner of a Face Brick house gains by lower maintenance costs and slower depreciation. He enjoys greater fire safety and year 'round comfort. And all this at a negligible difference in first cost.

The booklets described below will guide you to the wise choice whether you plan to build or buy. Send for them.

"The Story of Brick"—a beautifully illustrated booklet for the home-builder and home-buyer. Sent to you free.

"A New House for the Old"—an interesting free book on remodeling.

"The Home of Beauty"—containing 50 two-story, six-room houses. Wide variety of designs. Sent for 50 cents.

"Face Brick Bungalow and Small House Plans"—Four booklets showing designs and floor plans for attractive 3 to 4-room, 5-room, 6-room and 7 to 8-room houses. Each 25 cents. Set, $1.00.

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The distinguished house is built of —

FACE BRICK
— requires no paint or whitewash
When Spring Is in the Air
Homes Are Easily Overheated
—and Dangerous Colds Result

It is now generally believed by authorities that colds are most often caused by overheating, followed by sharply fluctuating temperatures—a condition common in homes with manually operated heating plants.

Too much heat stimulates a rich flow of blood to the mucous membranes of the nose and throat. Then a sudden drop drives this blood abruptly into the interior of the body, leaving the tissues of the breathing tract weakened and impoverished—an easy prey to invading germs.

Government statistics show that diseases connected with our breathing apparatus cause more deaths than any other single cause, even dreaded cancer and heart disease. These respiratory diseases, in fact, account for about one death in every five—and each of them may have its root in the common cold.

Fortunately, the remedy is ready at hand—within reach of every household. Years ago, inventive ingenuity developed devices for keeping the room temperature uniform by automatically controlling the heating plant.

Automatic Heat Control Prevents Overheating

It is, of course, a demonstrated fact that uniform temperature is impossible with old-fashioned hand regulation. Over three million people already live in homes provided with automatic control, because they are unwilling to forego the luxury of even heat and warm rooms to dress in without bothersome fire tending.

Comfort, Convenience, Economy
Other Benefits of Heat Regulation

Today when the subject of health is receiving more attention than ever before, automatic heat regulation has become a vital necessity for the protection of your family. Moreover, you gain all the other benefits so many people now enjoy. The clock control permits you to sleep straight through until rising-time, without the unpleasant necessity of getting up in a chilly house. You are relieved of the bother of operating dampers and drafts by hand. And you save fuel by preventing overheating.

Get complete facts at once on the Minneapolis-Honeywell Heat Regulator. Learn how easily you can install it on your present heating system, burning any fuel. Ask about our Budget Plan, providing for easy payments during the heating season. Our nation-wide organization is ready to serve you. Free booklet on home heating sent on request.
"No Siree! No red, rusty water in this house."

"I GET a heap of satisfaction out of putting brass pipe in people's houses. "You see, son, it'll never rust or clog up, and they'll never need new pipes. As long as the house stands, the water will flow full force...and clean and clear as spring water. That's the kind of pipe it pays to put in.

"And the folks who make this pipe are so sure of it...and so proud of it...that they stamp this here Alpha mark right on the pipe which guarantees that it'll always work right. You'll never see any rusty water from this pipe."

But all brass pipes are not the same. Alpha Brass Pipe is better because it contains more copper and lead. Plumbers prefer it because it cuts cleaner and sharper threads, making leak-proof joints. It positively cannot rust, and the Alpha trade-mark, stamped every 12 inches, guarantees it for soundness and satisfaction.

ALPHA BRASS PIPE

made from a special kind of Chase Brass

Address: Chase Brass & Copper Co., Incorporated, Waterbury, Conn.
THE distinctive effects easily obtained with Johns-Manville Asbestos Shingles are well illustrated by the roof colors of this house at New Rochelle, N. Y. This roof is of Colorblende Shingles in random exposures. The cottage below shows the pleasing and economical French style of roofing by the use of Johns-Manville Hexagonal Asbestos Shingles.

Roofs that add charm to a cottage, or distinction to a large house

First of all your home must look well. Modern taste demands color in the roof. But it must be harmonious color, soft, warm, smart because of its simplicity. Such are the colors of Johns-Manville Asbestos Shingles. They are natural rock colors as everlasting as the shingles themselves.

Johns-Manville Asbestos Shingles are unharmed by the elements. Fire, wind and water cannot hurt them. They will not burn, curl, rot nor leak. They make a roof that is really permanent—one under which your grandchildren's children may play. Yet their first cost is low, and it ends your roofing expense.

Permanent Charm—Always Fireproof
The thick, sturdy construction of these shingles and their pleasing texture is unique. Roofs covered with them have the "shadow lines"—the subtle note of quality that good taste demands. These shingles satisfy the desire for beauty which you share with all who take pride in their homes. To win the battle against fire and decay, to adorn your home—roof your new house or re-roof your present home with Johns-Manville Asbestos Shingles. Whichever you do you will have laid a roof that will never have to be replaced. You will have added to your home, and to your neighborhood, a touch of unobtrusive beauty which will be permanent.

There's no mystery about roofing
Roofing is either fireproof or it is not. Either it is permanent or it is of uncertain life. Either it is solid, thick, distinguished, smart; or it is thin, cheap looking, commonplace. Either it is an ornament to your house or something unpleasant to the eye.

Everyone knows Asbestos will not burn. Johns-Manville Asbestos Shingles are really fireproof. Asphalt shingles are "fire resistant." Johns-Manville Asbestos Shingles are permanent. Asphalt shingles require replacements. Johns-Manville Asbestos Shingles are solid and substantial to look at.

Put Johns-Manville Asbestos Shingles on your roof. Any contractor, building material or lumber dealer can furnish you Johns-Manville Asbestos Shingles. If he does not stock them he can get them from one of our Authorized Distributors. Be sure to get the certificate which goes with every genuine Johns-Manville Asbestos Shingle roof. Your roof will then be recorded together with the name of the roofer, and that of the dealer who supplied the Shingles. This certificate insures you the protection of our full guarantee.

JOHNS-MANVILLE ASBESTOS SHINGLES

JOHNS-MANVILLE MASTER OF ASBESTOS

JOHNS-MANVILLE was the pioneer developer of asbestos. Without the many uses to which this remarkable mineral is now put, modern industry could not exist, nor would modern life be as comfortable as it is.

Improved Asbestocel which insulates the heating pipes in modern homes and saves tons of coal, high pressure insulations for the great steam mains of power plants and large buildings are Johns-Manville products. So also is Johns-Manville Asbestos Brake Lining—a dependable, powerful, positive control for motor cars at all speeds. Hundreds of other Johns-Manville Asbestos products save money and trouble for engineers, and for railroad and industrial executives.

FREE—Booklet of Color Combinations for Roofs

Send me your free booklet showing how to choose the roof most suitable for my house.

Address
A WOOD THAT FIGHTS
ITS OWN BATTLES
—whether you paint it or not

The oldest frame house in the oldest American settlement. Unpainted, this cypress house at St. Augustine, Florida, is still in good condition, after 250 years.

EVEN without the protection of paint, Tidewater Red Cypress can be relied on to resist rain and rot for many generations.

Paint is desirable, of course, where you want the charming effect that only a painted wood surface can yield. But exposure of cypress to weather need never concern you.

Because of its freedom from repair bills, its moderate initial cost, and its low upkeep cost, this Wood Eternal is the most economical lumber you can employ.

Because of its beautiful grain, its smoothness of finish, and its resistance to warping, Tidewater Red Cypress is the most beautiful lumber you can use—inside or outside.

Surely you will want your home to be one of enduring beauty.

Durable Tidewater Red Cypress was used in the construction of this lodge on the Vincent Astor estate at Port Washington, Long Island. Aymar Embury II was the architect.

Surely you will want to maintain it economically. Surely, then, you will want to build with this Wood Eternal.

But when you order, be careful to specify, “heart grade Tidewater Red Cypress,” for exterior use, as only coastal type red cypress has these qualities of beauty and durability.

“Money Saved for Builders”—sent free

Attractive modern homes and beautiful old homesteads are illustrated in “Money Saved for Builders.” This is not a book of commonplace printed plans—it merely suggests dozens of ideas. (To get just what you want in your home, retain an architect—he usually saves you more than his fee.) This booklet tells the whole, interesting story of cypress, tells how to cut down the cost of your home, and how to make it more attractive. It's yours for the asking. Slip the coupon into an envelope today.

SOUTHERN CYPRESS MANUFACTURERS ASSOCIATION
GENTLEMEN:
“Money Saved for Builders” sounds like good news. Please send me the booklet.

Name: ________________________________

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"Look Mother! I can work it with two fingers!"

and Presto! the screen disappears like magic!

You'll find ease of operation combined with rugged strength in every Higgin Screen, regardless of its size, shape or type. The roller screens appear or vanish at the touch of a finger; the hinged screens swing smoothly, silently inward or outward like the casement windows they adorn. The snug simplicity of Higgin All Metal Sliding Screens for double hung sash is a perpetual delight.

This ability to equip every door and every window with the type of screen best suited to the architectural harmonies and to the convenience of the housewife, gives to the Higgin Organization its unique position of leadership.

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For ages, marble has appealed to the public as a semi-precious stone—a material suggestive of wealth, luxury and culture. To suggest, then, that you consider marble as an interior finish on the basis of its ultimate economy, might appear a bit unusual.

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Bathrooms, sun parlors, living-rooms and even kitchens are profiting in appearance, low upkeep costs and actual cleanliness by the extensive use of marble; and gardens have taken on a new beauty because of its everlasting charm and inimitable colorings.

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National Association of Marble Dealers

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A boiler is a means for absorbing heat from the products of combustion, whether it be coal or oil, and delivering the heat into the rooms of your house where you can enjoy it. If it is to accomplish this satisfactorily, and at low cost, it must have plenty of fire surface, properly rated. Otherwise, it wastes heat up the chimney.

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A large percentage of the Indiana Limestone going into modern buildings comes from the quarries of the Indiana Limestone Company. Formed in 1926, this company is a consolidation of 24 of the largest properties in the Indiana Limestone district. With assets of over $46,000,000.00, it has facilities for handling any number of large—or small—contract operations.

We will gladly send you an illustrated booklet showing various types of modern Indiana Limestone buildings. Write for Booklet of building such as apartment, school or other structure, tell us what kind and we will gladly send literature and plate illustrations. No obligation. Address, Box 750, Service Bureau, Indiana Limestone Company, Bedford, Indiana.

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Simmons Beds—Springs—Mattresses
{Built for Sleep}
Move them in like Furniture!

These beautiful, practical new designs of CURTIS CABINETWORK can be put in any house or apartment... new or old... with no trouble and at very little expense.

Now you can have plenty of open bookshelves... interesting corner cupboards... and spacious kitchen cupboards—all at less cost than movable furniture and with practically no more trouble! These designs of Curtis Cabinetework can be obtained from any Curtis dealer. They are delivered unpainted. You can paint, enamel, lacquer or stain them to match your furniture or woodwork.

The prices are remarkably low. The variations quoted are according to where you live; freight added in western territories.

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These high-back seats and table recall the design of quaint old Colonial and early American settles. The seat occupies a space not less than 64 inches nor more than 72 inches wide by 54 inches deep. Price $39.31 to $44.22.

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Gay china and sparkling glassware are never more decorative than in a corner cupboard. This one is made in birch and in oak. Only 28½ inches of clear space along each wall are necessary to install it. Price $48.75 to $54.84.

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Curtis Bros. & Co., Clinton, Iowa; Curtis & Yale Co., Waukesha, Wisconsin; Curtis Sash & Door Co., Sioux City, Iowa; Curtis, Towle & Palmer Co., Lincoln, Nebraska; Curtis, Towle & Palmer Co., Topeka, Kansas; Curtis Door & Sash Co., Chicago, Illinois; Curtis Detroit Co., Detroit, Michigan; Curtis-Yale-Holland Co., Minneapolis, Minnesota.

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The door of this clever built-in cabinet lets down and forms a seat, bell box and directory inside. Size overall 17½ inches wide, 42½ inches high. Price in birch, $14.78 to $16.65.

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Want more shelves for your kitchen china and food supplies?... more drawers for knives and other accessories?... more cabinets for pots and pans? Curtis kitchen cupboards come in sizes to fit all spaces. This design, 54 inches wide, 10½ inches high and 21¾ inches deep, costs in southern pine, only $82.48 to $92.79.

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An inexpensive route to colorful charm —
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ALL COLORS-GUARANTEED FAST

THESE sets come in the loveliest shades imaginable—they transform the staring bleakness of all-white bath rooms into colorful beauty—they harmonize delightfully with colors in modern tiled rooms.

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An inexpensive way to have perfect symphony in furnishings

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There are Mosaic Tiles for rooms in which the furniture is "Period," and beautiful modern designs for rooms in which the furniture is of the present era. Thus, with Mosaic Tiles you can achieve character and charm which only this type of decorative material can impart.

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Mosaic Tiles provide a most economical treatment for all floors and walls. They banish for ever the necessity for further re-painting or re-finishing.

Like a china dish, they are impervious to fruit acids and stains of every description, and afford small lodgment to dust. Such soiling as may occur is usually removed with a damp cloth only. Careless servants, therefore, need little supervision to insure that floors and walls of Mosaic Tiles are always fresh and immaculate.

These tiles are wonderful material. They never develop unsightly worn places nor will heavy furniture mar their beauty. They will not sweat, fade, scale or stain, and will last as long as the house itself.

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Your Architect and Tile Contractor will be glad to show you color illustrations showing how Mosaic Tiles are used in various rooms of modern homes—large and small.

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Write today for booklet of color interiors.

The MOSAIC TILE COMPANY
Member, Associated Tile Manufacturers
ZANESVILLE, OHIO

NEW YORK • SAN FRANCISCO • LOS ANGELES
ST. LOUIS • CHICAGO
WITH May Day arrives the problem of summer furnishing. The country house is summoned before us and brought to account for all that it failed in last year, and, even if it didn't, there's always room for improvement. Does the cottage need repainting, either inside or out, or will the painting of the porch and steps give it a new lease on life? What about the screens and floors—and what new furniture are you considering? A trip around town to the right places will give more than one helpful suggestion to the wide-awake shopper.

SUMMER floor coverings this season have added one more important contribution to their already long list. This is a domestic three-ply fiber rug that is made up seamless and treated with shellac to give it a smooth finish. More durable and practical for this reason alone, since furniture will slide more easily over a smooth surface than over a rough one, this type of rug is highly successful because it is not so brittle as the Japanese fiber rug and

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The average house seldom attains perfection, because there has been no one trained mind to correlate the work of architect, landscape architect and decorator with the owner's own ideas. Mrs. George Draper selects such experts for you, consults with them throughout, and is responsible for every step from the first blue print to the last curtain. . . . Her services are available not only for private houses, but for hotels, apartment houses, clubs and suburban developments. Folder on application.

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Curtains to bring the joy and color of the garden into the house.

Cool Chintzes
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These designs in bordered shelf papers will add the final touch of colourful smartness to your home.

In five colours: French blue, toile de Jouy red, gray green, yellow or lavender on ivory paper. Two rolls, each containing six 24 inch lengths. $1.25 postpaid.

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These prices are for furniture covered in white muslin and include the work of covering with your own material; or at a slight additional cost for white material you may select from our large variety of coverings. Send for new catalog E-5.

Clinton Chair
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Treasure Chest Furniture

Among the new occasional pieces of furniture that add ease to luxury is a shoe and stocking box in the form of a chest that can be placed before a bed, beneath a window, or wherever a bench is needed. This particular box, to be had from the Hearthstone Furniture Company, comes unfinished and can be painted a gay color or stained to harmonize with walnut, mahogany or maple. It has two large drawers for shoes and a top one for


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Breathtaking Damasks, Taffetas, Toiles de Jouy, Cretonnes

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"Arabia" scenic, blocked by hand, made in four different colorings

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SCREENS
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Stephena Lee
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Chicago, Illinois
the placing of stockings or slippers. The seat has two handles that make the piece very easy to move about.

A SETTEE, a butterfly table or two, rush-seated arm and side chairs, a magazine stand, a settle table, round or square, and the porch is ready for summer. The Pembroke Shop, to be added to the list of unfinished furniture shops, has all these pieces and a great many more for town apartment or summer home. A novel piece, and one unusually decorative, is a hanging, glass enclosed closet. This can be made up with any number of shelves, and, if desired, can rest upon a base or a table.

FOR the roof garden, summer home, porch or yacht, reed furniture echoes the summer spirit, especially when painted in the gay colors one sees at the Reed Shop. Here reed, like every-

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SMALL BRONZES
By Modern Sculptors

YAWNING TIGER
AN EXQUISITE EXAMPLE OF THE ART OF ANNA V. HYATT, Sc.
CAST AT THE FOUNDRIES OF GORHAM Bronze Division Providence, R. I. New York, N. Y.
thing else today, falls in with the modern manner, as may be
seen in one or two of the new sets. One of these, consisting of
settee, arm and side chairs and an unusual table, is enamelled in
a shade of green that matches the green leaves of the bright­
ly colored French linen print that bassets yellow and orange flow­
ers against a henna background. Another set done in eggshell black,
and upholstered in an attractive linen print, is more restrained but
none the less effective, since it, too, is developed in the most
modern spirit.

A "WOOD" chemically processed so as to be practically im­
immune to acid, fire and temperature alike, that has long been
on the market in the industrial field, is now turning to the home.
Edward R. Barto & Company is using this new preparation for
tops of garden tables. One of his new sets—table, chairs and
bench of oak slats, constructed in the English manner so as to let
the rain drip off—is bound by iron. This furniture, rustic in

Eleanor Beard's Santa Barbara shop is charmingly located in
the Streets of Spain. The Spanish interior affords an interesting
setting for hand-quilted things of exotic loveliness.

Bed and Couch Coverings—Pillows—Baby Things—Negligees
Studio "Hedgehogs", Harrodsburg, Kentucky
NEW YORK PASADENA SANTA BARBARA CHICAGO
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May, 1928

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We make a specialty of the building, arranging and dec­
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Separate Units
Kitchens completely furnished. Bas­
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blend rather than match in iden­
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selection. Colorful bedroom sets of
this order, consisting of French beds
(or bed) a bureau, night stand, dress­ing
stands and a long mirror to set
between, and chairs, may be seen in
our showrooms. These can be ob­
tained in peach with glazed paper
panels in cream on which are small
flower patterns also in peach; or they
may he had in silver and blue or
gold and red.

(Illustrations upon request)

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Reproductions of Old Wall Papers
Chintz Decorations
2 WEST 47TH STREET, NEW YORK CITY

NOW in our new home—the
seven-story building at 570
Fifth Ave., above 46th Street.

LONG SANG TI
Chinese Curios Co., Inc.
feeling, can be made of this fireproof material which comes finished in walnut, plain or burl, mahogany or black. Another interesting set of garden furniture comes in iron, painted a pleasant shade of green. The table has a heavy glass top and the base is so constructed as to permit a flowerpot or fern dish to be placed in its center. This handsome piece is accompanied by an arm chair, a side chair and a double bench.

Gay, colorful china is an essential feature of summer furnishing. Rich & Fisher have some delightful patterns suitable for porches, cottages and the more formal country house dining room. Especially charming is a set made by Adams of England, with a heavy cream background adorned with yellow-green leaves and purple berries that are tempting enough to awaken any appetite. Spode's Buttercup pattern, a simple and unostentatious design, comes in a fluted shape with a graceful embossed wicker band. Both of these sets are carried in open stock and may be had in breakfast, tea, luncheon or dinner sets.

BOOK TROUGH

END TABLE

Mahogany or Walnut. Drawer pulls out with ash receiver; 23 ½" high; top 15 ½" x 20 ½". Price $15.00. Send for illustrated view A. of beautiful furnishings.

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CHURCH ISLAND, old glass

SILVER Tea Caddies chosen from a number reproduced by Crichton in London from early Georgian models, suitable for the engravings of monograms or crests.

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TEA TABLE

unsual, modern with plate glass top—five small serving tables to match. May be had in any colour or combination of colours at our shop.

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MAJOLICA JARS BY BRAUS

Gay-colored Majolica jars from Florence, for your garden patio, foyer, solarium, Spanish or Italian interiors—to hold ferns, flowers, umbrellas, almost anything. Sold individually or in pairs.

Right—Diagonally striped jar with flower decoration, $9.50. Diameter, 7 ½"; height, 28" exclusive of wrought iron rusted stand.

Left.—Wonderfully rich in geometric and floral patterns, $12.50. Diameter, 7 ½"; height, 36" exclusive of stand.

Other jars as low as $5.00 each.

Braus Galleries issue no catalogue, but detailed attention is given all inquiries. Decorators and keepers of Fine Shops particularly solicited.

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422 Madison Avenue, near 49th Street, New York

HOMESTYLE FOUNTAINS

For Home or Garden

A touch of LIFE, BEAUTY and CHARM is added to any room or Garden by our ATTRACTIVE ELECTRIC FOUNTAIN.

HIGHLY BENEFICIAL and RECOMMENDED FOR ITS AIR PURIFYING AND HUMIDIFYING QUALITIES in heated rooms. Wonderfully soothing and refreshing to the nerves.

Saves valuable furniture and paintings. Every home should have one. No water connections or fountains are necessary; just pour about two quarts of water into bowl, connect to the light socket—and behold the most wonderfully sparkling and invigorating water effect, radiating Oriental magic and splendor.

Some models are made with automatically changing rainbow colored light effects. They are surely worth seeing. Estimates for special indoor and outdoor fountains gladly given. Our Fountains are patented.

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HIGHLY BENEFICIAL and RECOMMENDED FOR ITS AIR PURIFYING AND HUMIDIFYING QUALITIES in heated rooms. Wonderfully soothing and refreshing to the nerves.

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Price $75.00. Send for Free Catalog C

DISPLAY FOUNTAIN MFG. CO., Inc.

157 EAST 93RD ST., NEW YORK

Telephone: Regent 4466

Beautiful Illuminated FOUNTAINS

For Home or Garden

A touch of LIFE, BEAUTY and CHARM is added to any room or Garden by our ATTRACTIVE ELECTRIC FOUNTAIN.
SIMPLICITY being the keynote of summer decoration, rough
curtains and upholstery materials are more in the foreground
than soft silks. So it is that we show a preference for quaint, old-
fashioned calico pillows. The Three New Yorkers are showing
cushions covered in unbleached muslin that has a finish resembling
that of old ivory, and applied with calico in flower patterns.

Somewhat in the same feeling are the cut paper flower pictures
made of bits of brightly colored papers in pleasing flower designs
grouped about a well-shaped vase, pasted onto a wooden back-
ground and framed. These make a vivid splash of color in an
otherwise subdued Colonial room.

FRUIT bowls and vases of pottery with a dull glazed finish,
streaked with soft lines of blues, yellows, browns and greens
that foretell summer hours lazily whirled away and gardens full
of rampant blossoms that beg to be put into vases, are to be seen
at the showrooms of the United Arts and Crafts, Inc. Ash trays
of all forms and shapes, lamp bases of modern pottery, small,
squat, round elephants of coral red with turned-up tails, vie here
with peculiarly shaped pottery gardens and flower holders.

The Early Colonial fixture is a graceful example of a long line
of Miller Fixtures made by distin-
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These are other complete Miller
lines for each decorative
period, Tudor, Georgian, English, Spanish, etc.

Miller finishes are everlasting. The
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Ask to see the complete lines at
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An exquisite example
In the Early Colonial
manner

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By ROBERT S. LEMMON

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In an ancient copy of a Boston paper, printed before the Gay Nineties, there was once published the following advertisement:

Two Antique Chairs for Sale. Heirlooms in vogue in 1776. One contains wood-borer; gnawing plainly heard.

For years now we have been searching for a criterion by which to judge antiques. Learned persons and eminent specialists have talked profoundly on this and that. The slimy trail of the faker has been pointed out to us so that we now know it on sight. But never before has the ultimate judgment, the final criterion, the last word on what makes an antique antique been vouchsafed to us until we encountered this advertisement. Hereafter we shall listen intently for the gnawing of the wood-borer.

Now that the open season for American antiques has arrived, now that the countryside will shortly be blossoming with countless articles and pieces of furniture that were "heirlooms in vogue in 1776," let us pass on to our patriotic collectors that the country will shortly be safe; a contralto safer; but a tenor may be mean grave danger; a tenor may be too antique. The careful collector should listen to the gnawing with dignity and coiffure.

Frankly, we've never heard it. Nor have we heard a jabberwock in antiques is a menace. Learned persons have talked on that. The wood-borer is very real. He is the wood-borer. For years he has worked his way through ancient woods stalked byirate owners armed with acids, oil and gas. His name has become anathema. Suddenly around his head appears the aureole of good deeds. By their wood-borers shall ye know the veritable antique!

A word of precaution, however. Let your antique first ring with the gnawing of its borers. This will be enough to assuage any that it has age. After this investigate its structures carefully, and if it is well eaten by borers, if the sound of this gnawing fairly deters the ear, insist that your antique dealer give you with each piece an accident policy.

The other day we were entertaining a person of quality. For her especial benefit we dragged from its safe corner an antique chair that was antique beyond any shadow of doubt, for it was well was packed with wormholes. This person seated herself gently in the chair—and the next moment she was sprawled on the floor. The worms had eaten the supporting wood completely. Only by the grace of a beneficent Providence did she escape injury. And it took several moments to restore her dignity and coiffure.

So it is possible for an antique to be too antique. The careful collector should listen to the gnawing with an ear attuned to the subtle shades of tone the way an impresario listens to a singer. A bass gnaw may mean grave danger; a tenor may be safe; a contralto safer; but a soprano is best of all.

HOUSE & GARDEN

RICHARDSON WRIGHT, Editor

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THE CONDE' NAST PUBLICATIONS, INC.

MAY, 1928

Cover Design by Pierre Brissaud
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Painted Floors for Country Houses—Jane Scott.

Sub-Alpine Plants—By Herbert Durand.

When Is a Farm Not a Farm?—By Elisabeth Marbury.

Spotlights on the Dahlia—By F. F. Rockwell.

Hallows That Lead To the Garden—By George S. Cary.

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Character In Interior Woodwork—By George S. Cary.

Painted Floors For Country Houses—By Jane Scott.

Floor Coverings In New Designs—By Jane Scott.

The Gardener's Calendar—By Hester Scott.
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*Mother's Day, Sunday, May 13th*

This is the world-famous Sampler specially wrapped for Mother's Day giving.

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Yes, genuine things are most acceptable to Mother. And she will recognize in the Sampler your desire to express a real affection.

Many will prefer to give the Sampler in its special Mother's Day wrap, with Lincoln's famous tribute, or other appropriate sentiments, cross-stitched in the design. The Whitman Agency near you—probably the leading drug store—will attend to all details of mailing or delivery for you.

*Stephen F. Whitman & Son, Inc., Philadelphia, U. S. A.*

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SINGING After Meat. In the 16th Century the customary after-dinner amusement was part singing. First you ate, then you sang. Dinner over, song books were passed among the guests at the table, and if you couldn't read a part at sight you were as much scorned as would be a guest today who could not play bridge. Thomas Morley, the madrigal writer, in 1597 tells how he went to a dinner and couldn't read his part. His hostess and guests were shocked. "Some whispered to others, demanding how I was brought up."

The next day he sought out a sinfining teacher so to others, demanding how I was brought up."

...andolet a sine...
THE CITY OF DREADFUL HEIGHT

Among the interesting building developments in New York City are the cooperative apartment houses equipped with well-designed roof gardens for use by the tenant owners. Above is a Classic treatment for the walls of a space of this kind. Courtesy of the Architectural Clearing House, Inc., of which the author of the following article is president.
PLANTING IN THE SKY

Gardens That Thrive Atop Modern Skyscrapers Are Among the Worthy Compensations of City Living

MRS. GEORGE DRAPER

If an observant airplane visitor were to sail low over New York on a fine summer evening, he would see many more gardens than anybody else is aware of. Not the broad official parks, nor even the charming backyard gardens hidden away in the center of stony-hearted blocks, but the ever-increasing number of sky-gardens, perched on the tops of giant monoliths or hung on the ledges so thoughtfully provided for them by the city zoning laws. Individual owners know of their private gardens and those of their friends. But no sky-garden census has ever been taken on Manhattan. Which is perhaps just as well, since the figures would increase almost as rapidly as they were collected.

There are penthouse gardens on sky-climbing apartment houses, or—even lordlier yet—on the summits of those great cliffs filled with downtown or midtown office dwellers during the day, silent as peaks in Darien at night. There are gardens on setbacks—big ones, little ones, showing a hundred types of fantasy. There are woven wood fencing forms a pleasantly rustic background for the cool green and white round willow furniture in William Rhinelander Stewart's roof garden. Decorations by Edward R. Bates & Co.

community roof gardens cleverly provided by a few far-seeing apartment house owners, who go even further in that they build over only half the lot. There are hotel roof gardens, too, though not as many as there ought to be when one subtracts those that carry the name without any right to it other than property Palms. There are several gardens attached to office buildings, in which clients are received by the firm at large and the lowlier members of the staff benefit to the extent of being able to gaze at Crocuses and Tulips while they work. One penthouse owner has even gone so far as to provide a little garden.
Part of the terrace surrounding Colonel James A. Blair, Jr.'s New York apartment is enclosed with green lattice and covered with sail cloth in Mediterranean blue. From this canopy suspend lacquer red lanterns. Decorations by Pierre Dutel.

Two reed armchairs are painted the same shade of blue as the canopy, ornamented with lines in lacquer red. The settee is in a vivid green upholstered in a striking blue and red Poiret linen, and the rug is goat's hair embroidered in bright colors.
attached to the service quarters in addition to the more ambitious one for himself and his guests. Decidedly New York is beginning to appreciate the dramatic quality as well as the intimate comfort of these little country interludes set down in the middle of a strenuous town existence.

To be sure, many of these gardens, particularly those planned some time ago, depend far less on growing things that need attention than on the clever use of sterner materials. There is a Roman garden in a fine private house that gains its illusion largely from columns, colored pavement and a fountain, ably assisted by plants in pots that may be removed and replaced almost as easily as flowers on a dinner table. Others, again, secure a simpler country atmosphere by the use of painted brick, a trellis, iron railings and planted areas that are virtually no more ambitious than so many window boxes. A few lead figures, a bit of gay awning and the usual vivid wicker furniture of a country house veranda complete a scheme that necessitates very little attention. Even at that, it needs more than the modernist garden whose vines and flowers are all of iron, twisted to the weird angles of the moment’s mode.

But many sky-garden owners are coming to realize that such attempts do not by any means exhaust all of the possibilities which are open to them. For not only will small plants grown in pots and boxes succeed; a great many large shrubs and even some types of trees will flourish happily in unbelievably small amounts of soil. Rhododendrons, Forsythia and Privet demand no more than twelve inches of soil, though this, of course, must be well fertilized and frequently changed. Wisteria will cover a wall that begins fifteen stories above ground quite as successfully as it would if the bricks were set on good Long Island or Westchester earth.

People who like to dig and fuss may easily do all the work of such a garden themselves, securing a succession of seasonal growths to add brilliance to their more stable plantings. Others, less inclined to take their exercise at home, may call on the florist’s man around the corner to supply assistance, or press into service a genial Italian friend of the superintendent. Even a greenhouse is possible under such circumstances, and the thought of growing one’s own flowers for the whole apartment is surely sufficiently attractive to coax any city dweller into enquiring about costs and upkeep.

This last, of course, is a major item to be taken into consideration when planning any kind of sky-garden. Just because the space is so limited and the locale so unusual, none of the picturesque untidiness of Mother Nature can be permitted, since all will be subjected to such microscopic scrutiny. Everything must be kept immaculate. Painting must be done two or three times a year. Plants must be ruthlessly parted with the minute they begin seriously to droop. Watering must be taken for granted twice a day, and this entails not only the obvious cost in service but the securing of sufficient outlets so that the work may be done expeditiously as well as efficiently. Awnings, furniture and all the rest of the accessories must be changed or reconditioned the minute they lose their first gay freshness—and how soon they do lose it in our smoke-
laden air! Here, of course, the higher the garden, the less the grime, and one looks forward to the fifty-story towers promised us in the future, for these, we love to believe, will soar far above the smoke screen out into the clear air and the sunshine of the upper reaches of the sky.

One feels hopefully that the sky-garden movement has just begun. Why doesn't some theater arrange for such a thing on a truly American scale in size—tempered, of course, in the matter of luxuriousness? Why doesn't the downtown business man take his office garden for granted—with lunch to be served outside in the summertime? It would simply be good advertising as well as preventing excess doctors' bills. Why don't the architects who plan our apartment houses do so with gardens in mind as an integral part of the scheme rather than as a mere possible accident depending on the caprice of the coming tenant? In this case, they might well turn over the penthouse in something other than yellow brick and plan the cornices so that they will not prove to be too high to see over.

Finally, why don't the leading landscape architects permanently attach to their offices experts who will specialize in creating sky-gardens in sufficient variety and diversity to please all manner of tastes and all degrees of industry or laziness on the part of prospective owners? Even where space is so small that one will rarely choose to sit in the garden itself, much may be done in creating an illusion of space through the windows if the problem is attacked with imagination—something for city-wearyed eyes to wander out into by day or night—something for city-jangled nerves to rest in with peace and satisfaction—a little holiday of the spirit that may easily be taken without the trouble of moving from one's comfortable chair.

One of the photographs accompanying this article shows a roof garden at a time when the man who has never owned one would be apt to consider it a dead loss—during the winter months. Yet what could be lovelier than the sight of snow, one's own untrampled snow, outside the dining room window—drifted over bush and fountain just as though one were in the country where the street-cleaning department doesn't hurry it away with shovels and fire hose the minute it comes? Such a garden has advantages that it couldn't have if it grew in country earth. For consider the drama of the office building beyond, its blackness picked out with late-burning lights against the night sky. Looking out while one sits at dinner, one has not only the familiar country contrast of the warmth and glow without against the bleakness of the snow powdered garden. There is, in addition, the true Manhattanite's feeling of the magic of all this—home and garden both—against the towering wonder of the greatest city that has ever risen starward through the night. A cunningly-concealed light outside the window sparkles on the snow and throws strange shadows on the old brick wall. It isn't the country, nor yet the town. It isn't the theater, nor is it taken from a Christmas carol. Its unique charm comes from the fact of its being an eerie blend of all of these. Which is to say that it is thoroughly and thrillingly in the New York manner.
Tucked amid towering skyscrapers, the city roof garden presents a dramatic appearance, particularly in winter. The country offers no more striking scene than this small garden, snow-powdered and brick-enclosed, with its well-placed planting, its classic fountain niche and its background of buildings soaring to the sky. Consider the appeal of this space at night. Along the walls are cleverly concealed lights to illuminate the snow, while beyond, the blackness of the office building is pricked out with late-burning lights against the infinite sky. Such a space more than compensates the dweller in cities.

Courtesy of the Architectural Clearing House, Inc.
AROUND THE OLD MELODIUM

The Gospel Hymn Era Was An Important Step In the Evolution of Music In the American Home

THERE was a time (and it's not so far distant but many of us can remember it) when a favorite amusement in many American homes was to stand around the old parlor melodium and sing gospel hymns. Moody and Sankey had dragooned their revival nets up and down the country, and the catch of souls was prodigious. Not satisfied with singing in tabernacles, people were swept along by pious excitement into making this gospel music a part of home life. The melodium became the domestic altar and the rhythm of the household was gaited to the lachrymose words and tunes of "There's A Fountain Filled With Blood," and "Throw Out the Life Line."

These hymn-singing American homes may appear amusing to the generation of today which has not known them. They belong to the era of the plush sofa and the cosy-corner, to the time when men took pride in the variety of their whiskers and women in those caudal appendages known as bustles.

Some people like to think (and they are entirely wrong, of course) that the American home was safer, purer, nobler and more firmly established in those days than it is today. They attribute it partly to the fact that the father was still the overlord of the household and partly to this custom of singing gospel hymns. Nevertheless, whilst one generation found satisfaction in tunefully declaring that Heaven was its home, the others were learning the ribald words of "Everybody Works But Father." For this gospel hymn era, if the truth were told, was the last stand of the old patriarchal guards, the last vestige of that parental aloofness, of that Tsar-like fatherhood, of that Old Testament conception of what a man became when he was the head of the house; a cruel and unyielding doctrine, brought to this country by the Puritans and extending, with gradually lessening force, to the very threshold of today.

Father is a different person today from what he was forty years ago, and we have a notion that giving up gospel hymns had something to do with it.

THERE are those who consider jazz the final corruption of the home, and yet it is merely the last step in the evolution of domestic music. Having made home music a common possession of all, the next step is to develop an appreciation of good music. And today we are in the full tide of a very wonderful musical evolution. We are developing a taste for good music. The better Cinema orchestras play Beethoven and such masters because the people demand them. Our concerts are packed. In thousands of households when jazz comes over the wire someone jumps up and finds a station that is sending out better music.

The next step — and it is not far off — will be the realization that making this kind of better music is an accomplishment that gives the highest sort of satisfaction. Music made without effort affords very little outlet for the emotions, hence people have to dance. But let us once realize that playing some instrument well gives a complete and satisfying emotional "kick," and we will make it an accomplishment essential to a full and rounded education. When that day comes the American home will be richer, and households when jazz comes over the wire someone jumps up and finds a station that is sending out better music.

Now, when we sang gospel hymns.

We have household music of the sort that bound us together when we sang gospel hymns.

This will come; we are sure of it. Meantime those of us who had to eat Irish stew because our father made us and who had to sing those maudlin gospel hymns can contemplate this new evolution with a sympathetic and kindling eye. And yet — and yet what wouldn't we give once more to hear a freckled-face, red-haired, rangy sister in pigtails (God bless her) lift her wavering voice to sing, "The King of Love My Shepherd Is."

Richardson Wright
A LEGACY FROM THE MOORS

Receiving the Gothic arch from the north, the Moors of Spain elaborated it and flattened it out—and gave us, among their many architectural legacies, this type of arch. It has been used successfully for the entrance doorway to the home of Mr. and Mrs. H. G. Bark- brausen, at Palm Beach. Treanor & Fatio, architects.
With a commendable appreciation of its noble architecture and romantic past, the owners of "Oak Alley" have restored their old plantation house to its former glory. It is the home of Mr. and Mrs. Andrew Stewart. Armstrong & Koch were architects for the restoration.

ON A LOUISIANA PLANTATION

Behind the Levee and Its Corridor of Noble Trees Stands "Oak Alley",
The Grandeur of Its Former Days Restored

The floods swept on. The levee had held, "Oak Alley" was still there!

For more than a century now this Louisiana plantation house has stood at the head of its magnificent corridor of Live Oaks festooned with Spanish moss—the house at one end, the levee at the other. Between the front gate and the levee runs the old Spanish trail, and the nearby settlement bears the pleasant "Cajun" name of Vacherie.

Floods have come and gone, floods that swept away many a fine old house when the levees broke, but good fortune has attended the career of this one. It survived literally by inches last spring when the Mississippi swept almost everything else before it. A gracious favor, one might say, for the careful and studious restoration its owners have made.

The house was pretty dilapidated when Mr. and Mrs. Andrew Stewart took it over for their country home. With the aid of Armstrong & Koch, who are authorities on the architecture of Louisiana, and following fragments of windows, moldings and such that remained in the house, they were able to make a complete restoration.

The structure is a square block surrounded on all four sides by columns that run up to support the roof. These are covered with pale pink stucco, as are the walls of the house. On the ground floor the pavement of the terrace is flagstone. Midway the columns support a wide gallery that has a pleasant cast-iron railing in the New Orleans manner. Both of these spots afford shadowy, cool retreats on warm days.

Inside great wide corridors stretch from front door to back on both floors, with the rooms leading off them: large, airy, high-ceiled rooms furnished in the period of the house. The interior woodwork, scaled to fit such rooms, has a magnificent dignity.

From vestiges of planting that remained when the owners took over the place, this main house was evidently flanked on each side by a smaller structure—an office on one side and perhaps the cook's house on the other. These stood behind their own alleys of trees, for, on each side of the corridor of Live Oaks is a narrower planting of Pecans. Eventually these may be restored. At present a little formal garden is being laid out beside the house and, on the land side, planting has been begun beside the drive and turn-around. Magnificent trees stand here, so that very little need be done. The sweep of the flat lawn, unbroken save for the trees at front and rear, are all the setting the house requires.

Legend tells many a story about the place—every room and inch of ground has its own romance. How pleasant an opportunity it was to bring so lovely an old house back to its former grandeur! May the floods spare it forever!
After the manner of many Louisiana plantation houses, Oak Alley is a square structure surrounded on all four sides by columns that reach to the roof and midway support a second-story balcony with a cast-iron railing.

One end of this mighty corridor of matched Live Oaks is closed by the levee holding in check the broad, wicked yellow waters of the Mississippi. At the other end stands the house, a mass of sun-plashed and shadowy pink.
In such an informal setting, the pattern of this garden is richer by contrast. The paved walks, the formal beds, the central panel of turf, all lend an air of orderliness.

Over the terrace rocks spill irregular masses of Phlox subulata interplanted with Tulips and Irises that give a succession of spring colors to this garden set in the woods.
A WOODLAND TULIP GARDEN

In a glade of the woodland on the place of George B. St. George at Tuxedo Park, N. Y., was made this Tulip garden, fashioned out of the native rock into terraces that support a fountain and pool. A tangle of shrubbery spills down from the bank above. Clarence Rohrer was the landscape architect.
When there is an interesting vista beyond, do not burden country house windows with heavy draperies. Select, instead, sheer curtains of some soft fabric such as gauze, voile, net, silk or organdie. Above is a simple treatment for a 20th Century interior. Here the looped curtains of net are patterned in the modernist design shown at the right. McCutcheon

In an interior furnished with painted cottage pieces, half curtains of the type sketched at the right may be used as they admit an abundance of light and ensure privacy when needed. These curtains are made of a soft silk pongee with a natural ground and a tiny flower and fruit design in spring green, rose, blue and yellow. From McCutcheon
Above is a practical curtain treatment for a French door in a country house. To permit a view of the garden, the upper half of the glass portion of the door is left uncurtained. The lower half and the transom are hung in soft, shimmering gauze which is in the color of the surrounding woodwork. Sunfast gauze from the Chintz Shop.

A novel treatment for a recessed cottage window consists of simple glass curtains made of ecru organdy and sliding shutters painted ecru outlined in apple green and ornamented with flower prints bordered by green lines. These hang from an iron rod and slide in a groove on the sill. This method brings the garden into the house, even at night.
A GARDEN, whether it be colorful and bathed in sunlight or wrapped in the soft grayness that follows rain, offers the readiest inspiration for the color schemes of summer rooms. Much of the beauty of the out-of-doors can be carried into the house if the color values of certain flowers are translated into terms of upholstery, draperies and the small accessories that go to make up a livable interior. Walls the melting blue of summer skies or the cool green of rain-washed leaves, and rugs that echo the browns and greens of the earth's floor make excellent backgrounds for the varied garden colors found in the movable furnishings. Flower rooms of this character are easy to accomplish and a refreshing departure from the more conventional interiors of the winter.

MINONETTE ENTRANCE HALL

Walls: Painted or papered a soft gray with lavender cast.

Woodwork: Painted a deeper tone than the walls.

Furniture: A French bergere or sofa, the frame painted a soft green and upholstered in deep amethyst satin. A gilt console and mirror in the Regency manner.

Floor Covering: Sage green chenille carpet covering the entire floor.

Accessories: Two pedestal table flower holders filled with Mignonette and Sweet Peas.

ZINNIA DRAWING ROOM

Walls: Paneled and painted a deep yellow and then antiqued.

Woodwork: Painted a deeper shade of yellow, striped with gold.

Hangings: Glass curtains of gold gauze. Draperies of gold damask.


Floor Covering: Red chenille carpet.

Accessories: Yellow pottery lamp bases with shades of magenta pink taffeta. An over-mantel painting in which the predominating color is blue. Many books—the bindings of every hue, to bring color along the walls. Yellow bowls of zinnias.

ROSE DINING ROOM

Walls: Painted a pinkish terra cotta tone.

Woodwork: Painted a deeper tone than the walls.

Hangings: Glass curtains of gauze, the same color as the side walls. Over-draperies of pinkish yellow satin with binding of terra cotta color.

Furniture: Of the Directoire period a Spanish painted bed with pillows painted green and yellow. A French armchair with slip cover of yellow and pink. Wrought iron lamp bases with shades of rose pink taffeta bound with blue.

SWED WILLIAM BEDROOM

Walls: Painted oyster white.

Woodwork: Painted a deeper tone than the walls.

Hangings: Double sash curtains of heavy oyster white pongee with fringe of same color.

Furniture: A Spanish painted bed with covering and pillows of red damask or linen. An armchair with slip cover of linen with an oyster white ground and a design of flowers in reds, blues and yellows. A walnut commode, A Spanish table.

Floor Covering: Red chenille carpet.

Accessories: Wrought iron lamp bases with shades of oyster white parchment bound with red. Red painted tin flower holders for Sweet William in all colors.

MULTI-FLOWERED SUN ROOM

Various Flowers in Season

Walls: Painted soft yellow. On three sides of the room large mirrors are set in panels.

Woodwork: A deeper tone than the walls and rubbed with soft antique green.

Hangings: A sheer gold gauze is used next to the glass, with draw curtains of hand-blocked linen having a soft yellow ground and a multi-colored flower design to tone in with the flowers used in the room.

Furniture: Natural colored stick willow, with cushions of yellow linen corded in green. One stretcher table in natural finish, waxed. Underneath the mirrors are consoles having yellow marble tops or tops of marbleized wood. On these are tin containers painted green and filled with a variety of seasonal flowers that will be reflected in the mirrors. Set at intervals—perhaps four of them—are tubs painted a soft yellow tone and filled with Evergreens.

Floor Covering: Green and yellow tiles.

Accessories: Lamps with wrought iron standards and shades of yellow pongee.
A novel color scheme of citron yellow, silver and black distinguishes this dining room decorated in the spirit of today. Furniture finished in silver leaf gleams against a background painted cool lemon yellow. Decorations by Lord & Taylor.

The portfolio in this issue is devoted to interiors furnished in the modernist taste. Above is a room decorated by Lord & Taylor showing an interesting fireplace group. The walls are peach color and the chair coverings are in beige and brown tones.
Cool colors and furniture designed for comfort are the outstanding features of this 20th Century bedroom. The bed of silvery gray wood inlaid with gesso has attached cabinets with compartments. The walls, slightly rough, are painted white; white also are the satin hangings and the voile glass curtains patterned in stars and crescents.
Lord & Taylor, decorators

This section of a modernist living room decorated by Abraham & Strauss reveals an interesting handling of the wall space surrounding the fireplace. Flanking the chimney breast are fluted opaque glass columns holding the lights; in the center, in place of the customary mirror or painting, is a narrow niche lined in silver leaf and filled with small objects d'art.
The bedroom above illustrates the best phases of present-day furnishing. Here are the simplicity, straight lines and subdued colors that make modernist decoration a style to be reckoned with. The furniture is pale yellow maple. Peach brocade panels against cream walls, hangings are beige satin over chiffon curtains shading from beige to apricot. Decorations by Macy.

This fireplace group in a modernist living room shows interesting uses for mirrored glass. Both the fireplace surround and the pyramid shaped lighting fixtures are made of mirrors. The walls are painted Nile green and the upholstery fabrics used to cover the very modern chairs are new hand-blocked materials in tan, green and seal brown. Decorations by Lord & Taylor.
SANITY and beauty are the two qualities that can be surely counted upon to give permanence in popular esteem to any work of art or craftsmanship. This is equally as true of furniture as it is of any other work whose material and design concern us. Now, sanity in furniture means sound structure, fitness for the purpose for which it is intended, and freedom from affectation and irrelevant whimsicalities. Beauty, or lack of beauty, will be so apparent that definition on that score is scarcely needed.

The furniture here illustrated, designed by Gordon Russell, has two outstanding qualities. First, it is essentially modern in conception; second, it is pre-eminently sane in every particular. As to its beauty, along with its sanity and the thoroughly modern spirit behind it, the illustrations speak plainly enough themselves.

One serious shortcoming of furniture designed under the impetus of the ultra-modern movement is that in many cases it lacks sanity. Time and again one meets pieces whose designers seem to have been driven chiefly by the desire to contrive something utterly different from anything ever made before—complete difference, apparently, being the main object. With absolute difference the controlling aim, it is inevitable that the results should sometimes be affected, whimsical or ill-suited for the use intended. It is altogether possible to be thoroughly modern and thoroughly sane in design, at the same time; it may not always be easy.

The furniture designed by Gordon Russell, besides being both modern and sane, in

(Continued on page 154)
The chest of drawers to the right is made of mahogany with inlays of ebony and cherry. The wood is merely given a wax coat.

Walnut inlaid with ebony, box and laburnum is the wood used for this cabinet resting on a stand. The interior is veneered with oysterwood.

The designer of this modern English furniture selects his woods carefully. Thus, this chest of drawers on a stand is of figured mahogany.

Oak is used throughout this dresser. It will be observed that except for the wrought-iron hardware the piece has no applied ornamentation.

In several pieces Mr. Russell uses ebony for handles, as on the writing desk above. The door is made of three panels of figured walnut.
(Right) A smart cotton material for porch cushions and curtains has latticed lines in brown and a pattern in vivid yellow, orange, blue and green. Macy

(Above) An effective glazed chintz for a man's room has a deep tan ground and small flower motifs done in brown and henna tones. From the Chintz Shop

On the chair sketched at the left is a glazed chintz with a green fern leaf design on pink, or gray ground, also blue on yellow. The Chintz Shop

(Below) A new material for glass curtains designed by Rodier in the modernist taste. Sheer white voile with embroidered pattern. Lord & Taylor

(Below) A gay modernist glazed chintz with a pattern in bright green, yellow, black and brown on cream, green, blue or peach. Chintz Shop

(Below) The pattern and soft colors of a patchwork quilt have been transferred to glazed chintz suitable for Colonial interiors. Chintz Shop

EIGHT NEW FABRICS
Above is a new wall paper with a soft blue-green background and a modern design executed in three shades of gray. Frankl

Above is a decorative modern paper with softly colored flower motifs on a jade or aquamarine ground. W. H. S. Lloyd

In the drawing above is a charming country house wall paper patterned with a trellis design in soft green on buff. From Nancy McClelland

The trellis paper above comes in rolls. The frieze is separate; the columns are formed by double strips of the border which also outlines the panels.

(Above) This attractive paper for an early American house has a pink ground and a pattern in deeper pink, green and white. Harriet C. Bryant

(Above, center) Powder blue ground with motifs in gold. Bryant. (Above) Nursery paper with yellow ground, pattern in blue, red and green. Thibaut

(Right) For a modernist room comes a wall covering of paper-thin wood with an interesting grain. Pink, beige, green or gray. Japan Paper Co.

(Left) Reproduction of an interesting old American paper. Buff ground with pattern in bright red, blue and green. Nancy McClelland

EIGHT NEW WALL PAPERS
The Versatile Orchid Clan

As the Rose Is Queen of the Garden, So Are Orchids the Reigning Monarchs of the Greenhouse

E. H. Wilson, V. M. H.
Keeper of the Arnold Arboretum

Orchids are the butterflies of the vegetable world. For much of the year many Orchid plants look for all the world like bundles of sticks—gaunt, bare and devoid of beauty. Then, like a butterfly emerging from its chrysalis, flowers of wondrous form and color are thrust forth, either solitary, in twos and threes, in clusters or in branching masses sometimes six feet and more long. From purest white they run the gamut of every color and shade of pink, red, crimson, yellow, orange, blue and violet; commonly the flowers are freckled, barred and blotched with dark shades of varied hues and the whole is a wondrous pastel. In perhaps a majority of Orchids the blossoms are thick and waxy in their texture and the color usually stands out in glistening brilliancy.

Fragrant and gorgeous, lavish in charm, the sensuous lure of the tropics haunts the blossoming Orchid plant as it does none other. Orchids diffuse luxury and few there be who do not fall captive to their fascinating wiles. Their urge is as that of the tropical isle, insidious and delightful, and I for one confess myself a willing slave to their enchantments.

The Orchid family is one of the largest in the vegetable kingdom, fully five thousand species being known. They are most abundant in the torrid regions but the family is universally distributed. In the tropics epiphytic Orchids are extraordinarily abundant. They grow clustered together in large numbers and the branches of the major trees of the steamy forests of the Equator are laden with the different kinds. Some of the small creeping species are not larger than Moses while the Grammatophyllum of Borneo forms a mass of leafy, thickened stems fully ten feet long and the whole plant weighs hundreds of pounds.

Orchids are especially remarkable for the curiously varied shapes of their flowers. In form these mimic all sorts of dissimilar objects such as a bee, fly, beetle, monkey, moth, swan, dove, slipper, helmet, cradle and so forth. Some have blossoms so small as to require close searching to detect; others have flowers eight inches and more across. Nearly all Orchid flowers emit odor and very many of them are extremely fragrant.

The only Orchid of real economic importance is Vanilla planifolia, a climbing plant with a round green stem, fleshy, elliptic leaves and insignificant flowers, native of Mexico but now much cultivated in the tropics of the Old World. The well-known spice or flavoring agent, vanilla, is obtained from the fruit. This is a long fleshy capsule slightly yellow when ripe, but before the pods are ready for market they are subjected to a curing process during which the characteristic (Continued on page 170)

Dendrobium nobile is one of the most popular of its genus. Common in western China and has long been used as medicine by the Chinese
The aptly named Pansy Orchid (Miltonia vexillaria) bears a half-dozen pink blossoms on each slender raceme. It runs into many forms, some of them white flowered, and comes from Colombia.

(Left) Chaste Phalaenopsis aphrodite is one of the Philippine Moth Orchids, a pure white of exquisite beauty. The whole genus is very lovely in blossom and offers considerable variety in color.

(Right) The hybridists have accomplished much with the Cymbidiums or Root Orchids, some of which are terrestrial, some grow on rocks, and still others are epiphytes. This is Princess, a new creation.
The violet colored flower spikes of *Pontederia monticola* rise above dark green leaves along margins.

Stately and airy graceful is the Wild-rice, opening delicate flower sprays in August. In favorable situations it sometimes reaches a height of eight feet or so.

**PLANTS OF THE GARDEN POOL**

*Waterlilies May Have Many Lovely and Varied Companions to Complete the Picture Made by the Aquatic Garden*

E. BADE

TINY garden pools, mirroring the delicate blue of the sky and supporting the round-leaved Waterlilies which spread over their calm surface, are irresistibly charming. Their appearance on the lawn is so intimate because of their distinctive vegetation that they are exceptionally appealing to all lovers of Nature. In certain parts of the pool the plant-life is so dense and luxuriant, so strong and vigorous, that the surface of the water is almost completely hidden by the rank growth it pushes upward to the sunlight.

The flowers of Waterlilies rise from among large leaves. The gayly colored floral crowns catch the full light, for they follow the sun in its journey from east to west. The true, free-swimming water plants like *Eichhornia*, *Pistia* and *Trisanca*, driven by the wind into a tiny bay of the pond, form a green carpet interspersed with flowers. In another place, the species of *Apogeton*, which often mingle with the Waterlilies, spread their long, oval-shaped leaves, and from these green patches arise their white, double spiked blooms. Then, too, the golden yellow flowers of *Hydrocleis nymphaoides* proudly lift themselves above the surface of the water. And along with these many species are the delicate white fringed flowers of *Limnanthus indicum*, whose leaves demand their place upon the water’s surface.

Those plants which grow below the surface are far less noticeable, although the species of *Myriophyllum* as well as other long-stemmed feathery aquatic forms follow in rhythmic play the water’s movements. At the edge of the pond, where the reeds whisper and nod pillowed heads to the winds is the region of the stately marsh plants which give the garden pool a character peculiar to itself. *Pontederia monticola*, a Pickerelweed, rises high into the air, and from its dark green leaves its spikes, covered with violet colored flowers, are proudly lifted upward, while *Saururus* (Lizardtail) lets the tips of its white spikes droop gracefully downward. Among these are found not only the Arrow-heads with their three-flowered white whorled stalks, but also the yellow *Iris* with its straight and stiff leaves, as well as the Waterplantain (*Alisma plantago*) with its loose candelabra-like pyramidal panicles.

The dense growth of the Lotus flowers is decidedly imposing. Their large, shield-like leaves which partially rise out of the water and partially float on its surface, the large and beautiful flowers, delicately curved on their tall succulent stalks, and the wonderful odor

Pickerelweed haunts the shallower water where it forms patches of thick, succulent stems and glossy green leaves touched here and there with blue flower spikes. This is a native species.
which seems to float over the water, all combine to make an unforgettable picture, one which could not have been better suited for Indian mythology and culture. In songs composed thousands and thousands of years ago the Indians still immortalize this flower. It is the symbol of the earth, the throne of the gods. Brahma himself floats upon the Lotus leaf.

Where the water is less deep the slender leaves of *Crinum americanum* nod over the surface, while the slender floral shaft carrying a crown of white flowers mirrors its beauty in the clear water. Still higher in the air strives *Zizania aquatica* (Indian or Wildrice) whose loose spicate flowers tremble in the gentle summer breeze. It is shaped like an airy feathery crown, and the winds carry the pollen from the anthers, which hang far outward upon long, slender filaments, to the pistil of another plant.

Here in the shallower water is found Sedge (*Carex*) and Bullrush (*Scirpus*) with their usually long, slender leaves. It is, indeed, a most varied company which finds the existence pleasant. In early spring some of them may be met in the middle of the pond, but these demand that the level of the water shall sink during the summer months as they then require only root moisture. Such growths are commonly known as grasses without considering the ambiguity of this term and without taking into account the host of genera included in this all-embracing and indefinite classification.

Such a richly planted garden pool which does not, by any means, need to be large, has a distinctive decorative effect during the warmer parts of the year. The plants thrive and bloom from early spring till late in the fall. The whispering of the reeds as they draw their rasp-like leaves and stalks against each other in the breeze seems the language of plant contentment.

If such a pool must be produced artificially, then adequate allowance must be made for the inherent characteristics of the various aquatic plants to be cultivated. Some of them must be placed in deep water, others thrive only in the shallows while still others demand an excessively damp and moist soil. But even Waterlilies will be satisfied with water only one foot in depth; if placed much lower they refuse to flower. All types of marsh and water plants require a rich heavy soil; under no other conditions will they develop to their full beauty. The hardy species are left in the open during the winter, while the tropical and sub-tropical species die back to their tubers. These are taken up as soon as night frosts set in, kept dry for a time, then cleaned and imbedded in a box of sand which must be kept in a frost-free place. In this way they are stored in a temperate room until spring, at which time they are stimulated with a little warm water to force them into renewed growth so that they can be planted in May.

It is more difficult to keep the true aquatic free-floating plants throughout the winter, and this fact becomes still more pronounced if the growths must be deprived of sufficient light and heat. It is best to keep them in shallow trays filled with Sphagnum. Great care must be exercised while watering them. *Trianea* is kept like a marsh plant throughout the winter, being placed in a flat tray containing a clayey soil with a low water level. All floating plants must be protected from changes of temperature and draft. It is not at all difficult to bring these plants through the winter in a greenhouse.

(Below) *Nymphaea* is found enough variety of color to satisfy all. Yellows, blues, reds and pinks are a few of the hues which one may have...
COMELY CANDYTUFTS AND OTHERS

The Gardener's Miscellany Includes A Rare Androsace, Some Western Iris and A List of Worthwhile Red Flowers

LOUISE BEEBE WILDER

The best all-around plants for border or rock garden is the hardy Candytuft, Iberis sempervirens. It is too large for a small rock garden, but occupying a bold situation in a fairly spacious one its sheering masses of paper-white blossoms show brilliantly against its dark evergreen foliage and produce a fine effect. As an edging to borders it is most satisfactory as its attractions do not end when its blossoms fade; a sharp shearing at this time brings the little bushes back to a neat shapeliness behind which other gaieties show to advantage. There are numerous forms of the hardy Candytuft, most of them more compact than the type and dwarf enough to fit even a small rock garden. One of the best of these is Little Gem. They all love sunshine and will thrive in any light, well-drained soil, not despising pure gravel at a pinch.

Iberis gibraltarica is tender with me—that is, it is seldom worth anything after the first season, becoming leggy and debilitated despite my best attentions. But it is beautiful with its rounded heads of lilac blossoms finishing each foot-long branch. I. jordani, I. pruitti and I. sambucifolia are for the rock garden, their foliage dark and the flowers clean white and freely borne. All may be raised easily from seed, or plants of them are to be had in this country.

Also there are numerous varieties of the annual Candytuft that are of use where (Continued on page 188)
IN AN ENGLISH MANOR HOUSE

Wardrobe Court, at Richmond, Surrey, contains among its lovely rooms this corner. The tones of the French china in the built-in cupboard pick up the light blue of the net curtains and the deeper blue of the draperies. A lacquer serving table and the little stand with its dish of witch-balls add their notes of color.
Wardrobe Court is part of the original palace of Henry VII and was the wing occupied in Tudor times by the Royal Wardrobe Keeper. This garden façade was put on in the time of Queen Anne and was probably designed by Christopher Wren. Now the home of Viscount and Viscountess Cave.

The lower gallery runs a hundred feet along the western front of the house and all the ground-floor rooms open from it. It is flagged with stone, over which are laid Oriental rugs. Several fine carved chests stand along its length. The door step shown is an old Dutch-painted wooden figure.
At the half-landing of the main staircase is a Tudor-arch embrasure with a balustrade that opens out of the little gallery. The spindles are of the same design as those on the stairs. Below the opening stands a magnificent curved settee, once the property of the notorious fourth Duke of Queensberry.

In the morning room are white walls and a royal blue carpet. A collection of flower and plant engravings and originals are hung above the old piano. The fine gilt mirror is French and the hanging corner cupboard is painted in the Dutch manner. The glass bibelots are 18th Century Bristol.
The definite relationship between the cost of a house and its size in terms of volume gives the prospective home builder an opportunity to determine in advance the approximate size of a house to fit his financial budget or to estimate what a house planned to meet his definite space requirements would probably cost. If the maximum expenditure for a house is the governing consideration, the owner should follow the steps outlined in the paragraphs following to determine approximately what room sizes and over-all dimensions can be had within that cost. If space requirements are more important than cost, the procedure outlined below can be reversed.

From an architect or builder he should obtain an estimated allowance for the cubic foot cost of the proposed building after he has outlined his requirements as fully as possible. Safety is the highest unit should be taken and divided into the total cost allowance to get the permissible volume in terms of cubic feet. The following table may be used as a guide.

| $15,000 | 31.5% |
| $17,500 | 34.0% |
| $20,000 | 36.6% |

It should be borne in mind that at this preliminary stage in home planning cubic foot estimates have value only for very general estimating purposes. Final figures should not be expected to work out in close accordance with these preliminary estimates. To avoid disappointment through excessive cost it is best for one to be very conservative in allowances until actual contract figures are available from complete plans and specifications.

A list should be made of all rooms and spaces required in the house, including closets, halls, bathrooms, etc., giving to each space approximate dimensions in accordance with ideas of their desirable shape, size and space. These rooms should be grouped by floors in the list. The areas should be established by multiplying the length and width of each unit in accordance with the typical space budgets given in the lists below.

The total area of each floor should be checked. Note that the total area of the space on the upper floors must be equal to or less than the space on the ground floor. Area of living space on each floor should be multiplied by the ceiling height measured from the floor surface to the underside of the ceiling.

The total net area of the living space thus determined should range from 45 to a maximum of 55% of the total budget allowance. The balance is required for basement, lost space in walls and floors, lost space under roof and miscellaneous service areas which are usually overlooked in this stage of house planning. If the preliminary space budget exceeds this proportion, room sizes and space allowances should be revised or the cost budget should be increased.

The reference page in the last issue of House & Garden with the first article of this series will prove quite helpful. Particularly worthy of note will be the method of estimating the volume in cubic feet of a proposed house from sketch plans. The system of obtaining approximate areas outlined above is used only before sketch plans are developed. Its purpose is to acquaint the prospective owner with the limitations which his cost budget imposes upon his own requirements for room sizes before instructing his architect to develop preliminary studies. Also on page 127 of the April issue note the table which gives approximate variations in cost per cubic foot in different sections of the country.

### HOUSE "A"
- Gross Cubage 12,384 Cu. ft.
- Basement 5,699 Cu. ft. 46.2%
- 1st Floor 2,562 Cu. ft. 20.7%
- 2nd Floor 2,562 Cu. ft. 20.7%
- Attic 1,611 Cu. ft. 13.4%
- Total 12,384 Cu. ft. 100%

### HOUSE "B"
- Gross Cubage 14,000 Cu. ft.
- Basement 10,168 Cu. ft. 72.6%
- 1st Floor 1,424 Cu. ft. 10.2%
- 2nd Floor 1,424 Cu. ft. 10.2%
- Attic 3,584 Cu. ft. 25.6%
- Total 14,000 Cu. ft. 100%

### HOUSE "C"
- Gross Cubage 44,283 Cu. ft.
- Basement 17,746 Cu. ft. 40.1%
- 1st Floor 15,994 Cu. ft. 35.9%
- 2nd Floor 11,249 Cu. ft. 25.4%
- Attic 934 Cu. ft. 2.1%
- Total 44,283 Cu. ft. 100%

### HOUSE "D"
- Gross Cubage 37,275 Cu. ft.
- Basement 7,944 Cu. ft. 21.3%
- 1st Floor 15,625 Cu. ft. 41.7%
- 2nd Floor 10,937 Cu. ft. 29.4%
- Attic 2,779 Cu. ft. 16.9%
- Total 37,275 Cu. ft. 100%

### HOUSE "E"
- Gross Cubage 21,264 Cu. ft.
- Basement 8,410 Cu. ft. 39.6%
- 1st Floor 5,622 Cu. ft. 26.8%
- 2nd Floor 4,195 Cu. ft. 20.0%
- Attic 2,977 Cu. ft. 14.0%
- Total 21,264 Cu. ft. 100%

### HOUSE "F"
- Gross Cubage 31,764 Cu. ft.
- Basement 12,785 Cu. ft. 40.2%
- 1st Floor 9,577 Cu. ft. 30.0%
- 2nd Floor 5,622 Cu. ft. 17.8%
- Attic 4,780 Cu. ft. 15.0%
- Total 31,764 Cu. ft. 100%

### HOUSE "G"
- Gross Cubage 18,954 Cu. ft.
- Basement 7,144 Cu. ft. 37.5%
- 1st Floor 5,622 Cu. ft. 30.0%
- 2nd Floor 4,195 Cu. ft. 22.5%
- Attic 695 Cu. ft. 3.7%
- Total 18,954 Cu. ft. 100%

### HOUSE "H"
- Gross Cubage 23,450 Cu. ft.
- Basement 9,380 Cu. ft. 39.9%
- 1st Floor 6,975 Cu. ft. 29.9%
- 2nd Floor 4,195 Cu. ft. 18.0%
- Attic 3,000 Cu. ft. 13.2%
- Total 23,450 Cu. ft. 100%

### HOUSE "I"
- Gross Cubage 19,380 Cu. ft.
- Basement 7,752 Cu. ft. 39.9%
- 1st Floor 6,975 Cu. ft. 36.0%
- 2nd Floor 4,195 Cu. ft. 21.8%
- Attic 4,450 Cu. ft. 23.0%
- Total 19,380 Cu. ft. 100%

### HOUSE "J"
- Gross Cubage 24,402 Cu. ft.
- Basement 9,760 Cu. ft. 39.9%
- 1st Floor 7,752 Cu. ft. 31.5%
- 2nd Floor 4,195 Cu. ft. 17.0%
- Attic 3,615 Cu. ft. 14.6%
- Total 24,402 Cu. ft. 100%

### HOUSE "K"
- Gross Cubage 20,622 Cu. ft.
- Basement 8,249 Cu. ft. 39.9%
- 1st Floor 7,752 Cu. ft. 37.5%
- 2nd Floor 4,195 Cu. ft. 20.0%
- Attic 3,436 Cu. ft. 16.8%
- Total 20,622 Cu. ft. 100%

### HOUSE "L"
- Gross Cubage 24,402 Cu. ft.
- Basement 9,760 Cu. ft. 40.0%
- 1st Floor 7,752 Cu. ft. 31.5%
- 2nd Floor 4,195 Cu. ft. 17.0%
- Attic 3,615 Cu. ft. 14.6%
- Total 24,402 Cu. ft. 100%

### HOUSE "M"
- Gross Cubage 24,402 Cu. ft.
- Basement 9,760 Cu. ft. 40.0%
- 1st Floor 7,752 Cu. ft. 31.5%
- 2nd Floor 4,195 Cu. ft. 17.0%
- Attic 3,615 Cu. ft. 14.6%
- Total 24,402 Cu. ft. 100%

### HOUSE "N"
- Gross Cubage 24,402 Cu. ft.
- Basement 9,760 Cu. ft. 40.0%
- 1st Floor 7,752 Cu. ft. 31.5%
- 2nd Floor 4,195 Cu. ft. 17.0%
- Attic 3,615 Cu. ft. 14.6%
- Total 24,402 Cu. ft. 100%

### HOUSE "O"
- Gross Cubage 24,402 Cu. ft.
- Basement 9,760 Cu. ft. 40.0%
- 1st Floor 7,752 Cu. ft. 31.5%
- 2nd Floor 4,195 Cu. ft. 17.0%
- Attic 3,615 Cu. ft. 14.6%
- Total 24,402 Cu. ft. 100%

### HOUSE "P"
- Gross Cubage 24,402 Cu. ft.
- Basement 9,760 Cu. ft. 40.0%
- 1st Floor 7,752 Cu. ft. 31.5%
- 2nd Floor 4,195 Cu. ft. 17.0%
- Attic 3,615 Cu. ft. 14.6%
- Total 24,402 Cu. ft. 100%

### HOUSE "Q"
- Gross Cubage 24,402 Cu. ft.
- Basement 9,760 Cu. ft. 40.0%
- 1st Floor 7,752 Cu. ft. 31.5%
- 2nd Floor 4,195 Cu. ft. 17.0%
- Attic 3,615 Cu. ft. 14.6%
- Total 24,402 Cu. ft. 100%
In considering a budget increase of $5,000, or in other words stepping into the $15,000 to $20,000 homebuilding range, it is obvious that there is no sharp line of demarcation which may be drawn between a house that costs $15,000 and one that costs a little more.

Every thousand dollars added to a budget opens up additional opportunities for increased size, comfort, and convenience, and there is a considerable difference between a house costing $15,000 and one costing in the neighborhood of $20,000. One thousand dollars will add an extra bathroom completely equipped; it will add a sun-porch; it will pay for a complete oil burning equipment; it will perhaps even allow the addition of an extra room in the resulting rearrangement of the plan.

Before taking up the more detailed discussion of what constitutes a $15,000 to $20,000 house, let us outline again the general conditions which it is assumed will affect the average prospective homebuilder who is contemplating the erection of a new residence that will come somewhere within this price range.

We find at once two distinct sets of conditions which he may face. On the one hand, there may be a family of considerable size for which the physical space requirements are of primary importance and the home to be planned must contain the maximum volume of space in order to provide the necessary living quarters. On the other hand, there may be a small family whose space requirements are not large, but where the desire to erect a home of rather luxurious appointments may exist. Here is the first logical determination in order to get started on the right path of homebuilding. Do we want the largest possible house for the money, or do we want a house of reasonable size in which part of the cost is to be invested in more expensive appointments and conveniences?

Probably the majority of homebuilders contemplating the erection of a house costing between $15,000 and $20,000 have more need for keeping their expenditure within their budget than maintaining their space requirements. Such home owners will certainly find much value in planning a space budget to correspond with the funds they expect to invest in building.

On the reference page opposite is given a brief outline of a method which will enable
This popular English cottage type house, designed for his own occupancy by Leland Hubbell Lyon, architect, at New Rochelle, N. Y., of brick veneer on frame with a wood shingle roof.

The prospective homebuilder to determine before he consults his architect approximately how large his rooms may be and how many living rooms he may have in a house that is to cost a predetermined sum of money. The method first involves establishing, in a preliminary way, the general quality of the house, as this is the principal governing factor which influences the cost per cubic foot of the structure. As explained in the previous article in some detail, the only reasonably reliable method of estimating the cost of a dwelling is on the basis of its cost per unit of volume.

Having assumed the unit cost, as discussed in more detail later on, the total volume of the dwelling in cubic feet which may be had for a given sum of money is established. The next step is to make out a list of the desired rooms with their principal over-all dimensions. The rooms are arranged in accordance with the floor upon which they will be located, the areas in square feet determined by multiplying the two dimensions, and the total area for each floor converted into cubic feet volume by multiplying this area by the height of the floor taken to the underside of the finished ceiling. This space budget will then show the total volume in cubic feet of the desired living quarters in the house. It will neglect the space lost in walls and under the roof and the space required for the basement, it will doubtless also neglect other minor details of the house. The attic contains a servant's room and bath and ample unfinished space rooms.

Plans of the Lyon house are analyzed on the reference page in column "House B". The attic contains a servant's room and bath and ample unfinished space rooms.

(Left) A detailed view of the entrance. This house is completely appointed with the best mechanical equipment throughout. Its size is larger than its design indicates.
space requirements which will vary in accordance with the architectural design and the general layout finally adopted.

The analysis of the four houses illustrated in this article in accordance with the above method shows that the net volume of space in the living quarters ranges from 42 to 51% of the gross volume of the houses. This does not mean that half of the total volume of the house is wholly wasted. It simply means that in making a preliminary space budget, the average owner will conceive of his requirements in terms of so many rooms, each of a certain size. The additional space necessary to construct the building, to coordinate the rooms into a practical plan and to provide adequate storage and basement space, is usually equal to or slightly greater than the total volume of the actual living areas.

Hence the owner can quickly check up through this simple method upon the reasonableness of his space requirements considered in terms of the cost of the finished building into which they are incorporated.

To further assist in this preliminary analysis, each of the four houses has a brief summary of the gross volume divided into the amounts required in the basement, first floor, second floor and attic. The percentages allotted to each of these divisions will also serve as an interesting guide in this preliminary budgeting of space.

The price range or cost per cubic foot naturally varies according to the quality of materials, finish, design and equipment. In general, the cost of houses of this size (Continued on page 158)
The home of John J. Hewitt in Tacoma was patterned after an English cottage, with whitewashed brick walls and limestone facings, hand-riven cedar roof shingles and metal casement windows. Delano and Aldrich, architects.

From the living room is this garden entrance with its heavy oak portico leading to a flagged terrace. The casement window above is in the guest room where there is an interesting built-in bed of Welsh cupboard design.
Behind the dining alcove is the library, a room of intimate proportions, with a peaked ceiling, a flagstone floor and walls painted a light tobacco brown. The fireplace lintel is of carved teakwood.

Being the home of a bachelor, the house was laid out to meet the needs of a man. The essential rooms are on the first floor, with a guest room and bath upstairs.

The interior woodwork is of teakwood from Siam. The majority of the floors are pegged down like a ship's deck. The house has an air of age.
FIRE prevention is one of those things which should be thought of before building, not afterward.

First, the Code of Fire Underwriters in your territory should be consulted and known by you, so that you can follow the building plans with intelligence and not be subject to high insurance rates later on, because of structural inefficiencies—a not uncommon occurrence.

A house cannot be absolutely fireproof, yet it can be made very nearly so. The concrete house, with fireproof shingles, concrete roof and floors is the nearest thing to the ideal. But if this house has wooden trim there is a fire danger at the points where the trim and furnishings are placed. Public buildings have metal trim, but it is never as beautiful as wood, and hence is only occasionally used in dwellings.

THE GREATEST HAZARDS

Carelessness after building, technically known as “exposure” is the greatest fire hazard. This “exposure” is the result of tossing about lighted matches and cigarette stubs, and all other acts of igneous immorality, but slipshod building methods are accountable for many unnecessary and death dealing conflagrations.

The largest factor after the “exposure” is the defective flue and chimney. You can, to be sure, save money on a cheaply constructed chimney—that is, if you don’t mind endangering your home, your heirs and heirlooms. The “half back” chimney is quite popular, of course, but why save four inches of brick when eight inches is the safe thickness for a chimney? Not only this, but the chimney should be self-supporting. That is, it should stand on its own foundation. Should it be linked to the house—for support, as soon as the house settles the chimney follows suit. A fissure thus develops through which sparks will travel. Carbon then collects and the foundation for fire is nicely established. These fires are particularly dangerous, for they secretly smolder and break out at most inopportune moments and are miserable and difficult things to fight.

Proper chimney construction is, therefore, a most important structural feature in reducing the chances of fire. The reasons why chimneys are such a fruitful source of fires are numerous. Chief among them are:

The use of terra cotta sewer pipe, or other unprotected tile or hollow blocks, for the structural material of a chimney. Construction of chimneys with brick laid on edge.

Chimney walls built with brick flatwise, but only one brick thick with unfilled flues. Supporting chimney on the timber construction of a building, or brackets; or insufficient masonry foundation when the chimney rests on the ground.

Two or more connections to a single flue. Building woodwork into the wall of the chimney, or placing it in contact with the exterior surface.

Smokepipes arranged to enter the chimney in vertical runs.

Carelessness in sealing connection between smokepipe and chimney, and failure to anchor pipe to chimney.

Carelessness in not keeping chimney clean and joints in brickwork properly pointed.

A considerable part of the chimney hazard is due to carelessness, and the balance to bad construction. Therefore, the importance of proper construction and maintenance of chimneys cannot be emphasized too strongly.

FURTHER SPECIFICATIONS

Here are other points that should be included in structural fire prevention:

The foundation walls of frame structures exceeding fifteen feet in height, if of stone, shall be no less than sixteen inches thick, and if of brick or concrete, not less than twelve inches to the grade and eight inches to the under side of the sill. If the foundation and first story walls are constructed of brick or concrete, the foundation walls shall be no less than twelve inches thick to the first tier of beams and eight inches thick from the first to the second tier of beams; or if these walls are constructed of stone, they shall be no less than eighteen inches for the foundation walls and sixteen inches for the first story wall. This sounds elementary but it is most essential.

The thickness of bearing walls for brick dwellings not exceeding three stories in height should be not less than twelve inches. When the height exceeds three stories, the walls of the upper three stories should be twelve inches thick and the lower stories sixteen inches. Although the use of eight-inch walls for dwellings is common practice in many localities, the National Board of Fire Underwriters advocates a minimum thickness of twelve inches. They are dryer, more stable and much less liable to be ruined by expansion due to heat in case of fire.

The great value of solid walls in restricting the spread of fire is so well known that argument should be unnecessary to insure their use wherever suitable. Yet even argument fails when fire protection methods are advanced! Such walls have generally been restricted to commercial and public buildings, and while not adapted to small or moderate sized dwellings, ordinary prudence should require that they be a structural feature of every dwelling having a large ground floor area, such as is common in handsome country estates and at fashionable resorts. Fire walls are particularly applicable to palatial dwellings where the architectural design is such as to form natural vertical planes of separation between different portions. For example, a building with large wings should have fire walls placed on the line of division between sections. In like manner, there ought to be fire walls between garage and house where both are under the same roof.

A secondary staircase and exit will prevent the necessity of jumping from windows in case of a fire. This is absolutely necessary, particularly with an attic in use. A stairway into the house from the cellar is not as safe as one in a side entry—using one part for your refrigerator, if necessary.

Linen and all other shutes should be protected by fire resisting material, because they will act as fire flues and fan the flames. Fuel boxes, too, should be of fire-resistant materials.

CEILINGS AND WALL SPACES

Wooden ceilings, kept in good condition by oil dressings, are eminently neat ways of increasing the fire hazard. If you do have them, be on the watch in the room, for it will burn merrily when once started.

The inter-wall spaces are very good places to harbor fire. For this reason, wire lath is preferable to wooden. Then, too, if you are insulating your home, which we presume you will, use fire resistant firestops or fire-stopping material, which in addition is not food for vermin which have a way of starting frictional fires.

In the Fire Underwriters’ Code it mentions that:

No one feature of house construction will contribute more to its safety in case (Continued on page 142)
The Spanish architecture which characterizes the exterior of the home of Bernard Hoffman at Santa Barbara has been brought into the furnishing and finish of interiors, as can be seen by the dining-room.

To Bernard Hoffman's civic idealism is due the rebuilding of Santa Barbara's business streets in the Spanish style. His library and all the rooms of his home reflect the same high order of intelligence.

WITH SANTA BARBARA'S HILLS FOR BACKGROUND
The house stands on a plateau above the city with the softly-folded hills for background. A loggia and side terrace are on this side of the house, with the gardens spread out before it. James Osborne Craig was the architect.

White surfaced walls are broken by windows with deep, shadowy reveals and marked by batten shutters or by a touch of wrought iron in a balcony. Red roof tiles and the vines lend picturesque color to this architectural composition.
Where it serves its purposes in the traditional manner—in window grilles, gates and flower pot holders—wrought iron has been added to these plain white wall surfaces, lending interest not alone by its design but also by the patterned shadows which it casts.

At the crossing of the garden paths is this platform with its low parapet beside which to range potted plants, and in the center the octagonal tile fountain so characteristic of Spanish gardens. The screen which shows at the back is made of rounded roof tiles.
Mountain-tea, Ceanothus ovatus, grows two feet and carries white flowers. It is related to the Eastern Red-root.

In Alpine meadows and meadows grows the Elephant Plant, a little Botany with flowers resembling elephant heads.

The plant hunter who climbs the Colorado Rockies from sandy plain to snowy summit, or for that matter, who scales any equally lofty mountain height, can hardly avoid realizing how closely altitude and latitude correspond in their effect upon climatic conditions and consequent changes in the structure, habit and aspect of plants. For as he ascends he encounters as many different kinds of climate, and as many distinctive forms of vegetation as he would, for example, on a trip from the Ohio River to Hudson Bay. He begins

**SUB-ALPINE PLANTS**

**HERBERT DURAND**

The Rocky Mountain Columbine, Aquilegia caerulea, in its native acid soil carries white to deep blue flowers four inches in diameter.

(Left) From love-tufted leaves the Meadow Gentian sends up enormous yellow flowers streaked with blue and spotted with purple.

(Below) The Mountain Beauty is a relative of our Spring Beauty with pinky-white flowers. It is found in rich acid soil beside streams.

Fireweed, or Willow-weed, grows one to two feet high, with pink to rosy crimson blossoms. It is also to be found in the lowlands.

(Left) From love tufted leaves the Meadow Gentian sends up enormous yellow flowers streaked with blue and spotted with purple.
either journey in a warm temperate region, traverses territory that becomes increasingly colder and finally ends amidst truly arctic surroundings.

As he proceeds, the character of the flora also changes. Species of trees, bushes and flowering herbs that were abundant at the start gradually disappear and their places are taken by others of very different form and manner of growth. This sort of succession continues until he finds himself in what may be called sub-arctic zones. Here the tendency of all vegetation to become sparse, dwarfed and scattered first becomes noticeable, a tendency that becomes a habit farther along. And when he finally comes into actually arctic regions—above timber-line in the mountains and about latitude 56° in the Far North—he sees about him practically treeless wastes where brief sum-

(Continued on page 178)
SPOTLIGHTS ON THE DAHLIA

Some Outstanding Modern Members of This Interesting Family

And Notes on How to Grow Them

F. F. ROCKWELL

THERE are two classes of people who get excited over Dahlias: those who adore them, and those who abhor them. This story is written for both classes, but particularly for the latter. He who undertakes to discuss Dahlias from any other than the orthodox point of view skates upon thin ice. He is likely to find himself berated by the Dahlia-lovers as being a renegade, a traitor to the true cause; and also by the Dahlia-despisers, for attempting to champion the cause of this blatant upstart, this nouveau-riche social climber, among flowers.

As for example: at the same meeting, after a garden talk, I have had two intensely-in-earnest ladies search me out to present the following divergent points of view. The first said:

"Surely you were not serious when you suggested that we plant Dahlias in our gardens, right in with the other flowers! Personally, I think that all Dahlias are terrible. There is nothing graceful or artistic or refined about them. Some of my friends grow them, for flowers for cutting, in the vegetable garden. But I would not more think of planting them in my garden than I would of planting weeds!"

Scarcely had she left me than another sister of the society approached—evidently not to be escaped—and this was her version:

"I enjoyed your talk so much; but I must say I hardly think you were fair to the Dahlias. I don't know what my husband would have said if he had been here. They are the only flower he takes any interest in, and we have our yard full of them. Some blooms are almost a foot in diameter. And the most gorgeous colors! I like to hear about the other flowers, too; but don't ask me to give up our beautiful Dahlias."

Chacun à son goût! But of course I had not asked the good lady to give up her beloved Dahlias. I had merely suggested that there were many other types and forms about which most gardeners knew little, and many, nothing at all; Dahlias very well adapted to numerous purposes for which the majority of the most popular forms are not suited. And it is these Dahlias about which I propose talking first in this article.

The class which, at present, outnumbers all others in popularity is the Decorative. In the pages of many of the leading seed catalogs you will find these listed by the score, and in the pages of the specialists, literally by the hundreds. Holding second place, but still lagging far behind, is the Hybrid-cactus class, many of which are distinguished with difficulty from the Decoratives. In fact, at Dahlia shows, it is the rule rather than the exception to find even the judges themselves, who are Dahlia experts, in disagreement as to which class many of the new varieties belong. Almost every article on the Dahlia—as well as the catalogs—is devoted chiefly to these two classes. For the moment we will pass these by and give our attention to the types which are less well known.

The Single Dahlia, it has always seemed to me, is one of our most beautiful flowers. It has simplicity and pure color tones; and while it may not be quite as graceful on its stem as the Cosmos or Coreopsis, nevertheless it has many advantages which these excellent flowers have not, including a very wide range of colors. Also it has a continuity of bloom which is equalled by few other flowers. There are several forms of the Single Dahlias, and all of them, in different ways, fit very charmingly into the general garden scheme. Some of them are wholly in place in the mixed shady border itself, being not too rampant growing and providing an abundance of clear colored flowers during the very season when the perennials are most likely to be at their poorest—for the abundance of bloom of early midsummer, and before the glory of autumn has begun.

Of the several types of Singles, the Improved or Giant Single, or Century, is probably the best known. This is a very large, broad petalled single flower, often with a ring or disc of contrasting color about the center. The Singles are six or seven inches in diameter and quite tall growing. Sometimes they are listed as Clematis-flowered, but the name hardly fits. Three of the best of these are Rose Pink Century, a deep pink; Scarlet Century, very gorgeous, with a golden disc, and Eckford Century, pure white with pink or crimson shading. There are a dozen or so more, for the most part designated by colors. An exceptionally fine variety is James Weller, with a blending of gold and rose; it attains a height of five feet or so and is tremendously effective against

(Continued on page 202)
ZONING FOR TOWN BETTERMENT

As They Are Being Applied, Zoning Laws Preserve the Integrity, Value and Character of Neighborhoods Successfully

SUPPOSE you had built a fine home in a community whose beauty and suitability appealed to you and your family and one morning you awakened to the tune of pick and shovel, the song of the drill and the knowledge that a tall building would soon shut out much sunlight and air from your home. Or industry might have come creeping up the hill overnight, bringing gray smoke, dust and dirt in its wake, menacing property values but the health of your family. You wouldn't like it, would you?

Yet in many communities whole sections have changed in character practically overnight. Where but a short time before were delightful tree-bordered avenues, lined on either side with pleasant dwellings, now are dingy streets resounding to the clash and clatter of commercial traffic and buildings given over to the multifarious needs of industry. Residents have either been forced to sell their property and move elsewhere or to stay on and endure the numerous disadvantages of the neighborhood with philosophical fortitude.

However, during the past decade the practice of zoning has been developed as a remedy for such encroachment. Most forward thinking communities now possess an intelligent zoning plan, enforced by a building inspector who is upheld in his decisions by the police department. Property within the corporate limits of the municipality is protected by regulations as to the uses it may be put to and the height and size of buildings which may be erected. These regulations will, of course, vary in the different zones. The system of zoning is primarily designed to safeguard property owners against financial loss, protect the health of residents and to promote community life in general.

Only during the past ten years has zoning become a fact in America, although condemnation laws were passed as far back as 1812. These, however, fell into disuse and were only desultorily revived from time to time. The real uses of zoning were made known and realized in their full effectiveness in connection with city plans and it is now rare to find a city plan that does not coordinate with some type of active zoning plan.

During 1927, 57 towns or villages, with a total population of 1,013,900, adopted zoning plans. According to figures based on the 1920 census there were at the end of 1927 more than 30,920,667 people (Continued on page 146)
WHEN IS A FARM NOT A FARM?

A Personal Experience in Rural Living Which Proved
A Theory and Fulfilled a Dream

ELISABETH MARBURY

WHEN is a farm not a farm? The answer is simple; it is when a poor, overtired city man or woman, seduced by the beauty and calm of the country, looks with longing at an old farmhouse that has neither been improved nor added to, and feels that “Oh, if this were only mine”, and goes on month after month thinking of this oasis amid the trials and tribulations of life until the farmhouse one day becomes his or hers.

It is then that the thought of raising chickens, cows, pigs, and other livestock is only a vague motive because the yearning for a home where one can rest has become the mecca and the goal.

MODEST DREAMS

For years I had indulged in such a dream. On many a motor trip abroad, I had gazed upon the old French Manoirs wondering if ever I might be the owner of such a place. Everywhere I traveled it was this style of building which attracted me, never the stately Chateau nor the Elizabethan Castle. In Germany it was the little house set amid fields that I coveted, never the Schloss with its baronial environment.

When I lived originally in Versailles, France, it was my choice of a small house which determined my residence there with Elsie de Wolfe, now Lady Mendel. Later, when we removed into another house in the neighborhood, this was even simpler, a real cottage, but with one acre which we speedily converted into lawns and flowers. We lived in this place several seasons, and then bought the Villa Trianon which has since become so famous and so exquisite under the magic wand of Lady Mendel.

Together, she and Anne Morgan have lived and entertained respectively during their alternate periods of residence. Lady Mendel has made this one of the great social centers of the Old World where royalties, statesmen, men and women of letters, ambassadors and leaders of society gather to exchange political views that are international, and gossip which is local.

The background of the formal French garden is a setting for English borders. The Park of Versailles is the next door neighbor which serves as the historical link between the past and the present.

Poets have written of this Villa Trianon, artists have painted it. It is the objective center of special articles and of ambitious photographers, yet as it grew grander and grander in its perfection, as it became more and more manicured in its care, I felt that I longed for something less finished, for something less complete, for something that was less of a procreation and more of a relaxation.

I wanted a more self-assertive and self-reliant child, not one whose food must always be prepared and sterilized, a child who could be dirty at will and rough without hindrance, a child who could roam at large, who could wander at will, clothed at times in wildflowers, with feet that were shod with stubble, and with garments that might be torn with thorns. So in this spirit of revolt from the artificial perfection of the French 18th Century, I turned my back upon it all, and one day became the owner of my present farm in Maine, and the proud possessor of a New England homestead built in 1807, and of seventy acres of land studded with virgin trees and having as their background hills and lakes which are eternal.

A long, low house, eighty-four feet from end to end, white with green trim, a house like hundreds of others one sees along the roads after leaving the State of New Hampshire. No celebrity ever built it, no historical personage ever lived in it. The only distinction of which it can boast is its integrity of style and its simplicity of purpose.

TRULY RURAL

And the most amazing part of my story is that I bought it from an advertisement in the month of April some three years ago, when I had grown so fed up with city smells and city sights that I fell into ecstasy when merely reading the description of this paradise so adroitly described, picturing a long shore front on a beautiful lake, woods that had never been cut, furniture that was homely and substantial, and all the rich possibility of acreage which could be mine for the buying. The owner had a wife who missed garrulous neighbors, hence the farm had been deserted for five years while its former mistress had installed herself in a suburban cottage where she could smell the cooking of her next door acquaintances.

The descriptive advertisement was promptly followed by an envelope of snapshots. A few interviews with the absentee landlord with a blind faith in the wisdom of my purchase, and I became the owner of this property bordering the shore of one of the famous Belgrade Lakes, and the proud possessor of the buildings described in the bill of sale as Lakeside Farm. It was a drastic decision, but even though I am robbed of the opportunity of being humorous through ridiculous phases of disappointment, truth compels me to state that in no particular was I deceived, and in no detail was I discouraged. From the day when I first actually stood upon my own piazza, when I looked out upon my own fields, when I realized that every fly, every mosquito, every potato bug, every insect was my very own when found upon my property, I rejoiced in a sense of freedom, and in the sublime knowledge that my dream had come true.

FARMING COSTS

But happily for me it did not take me long to realize that I would never be rich enough to run my newly acquired purchase as a farm per se.

I recalled a story which I had often heard my father tell. Once he was visiting the late Senator and noted jurist, William M. Evarts, in his luxurious home in Vermont. There were many other guests present at luncheon when the servants passed great pitchers of milk alternated with cold sparkling champagne.

Noticing a certain modest hesitancy on the faces of his friends, Mr. Evarts exclaimed: “Gentlemen, help yourselves to champagne if you prefer it. It is not quite as expensive as the milk!”

He had learned what a farm and registered stock raising could cost. The insidious temptation of buying the best, of breeding always only the finest animals, of going to a county fair and there being inspired to raise something better than one’s neighbors, to read agricultural magazines, and blindly to purchase everything therein advertised as a perfected aid to one’s efforts, is alluring and fatal. The only safe way of escaping such follies, for a man or woman of moderate income upon purchasing a property such as I did, is to steel oneself against all thought of ever raising anything alive, or of going into the many enterprises which involve labor, new buildings, fertilizers and the rest.

For the first summer I lived in the house as it was. There was only one bathtub on (Continued on page 166)
This little flower corridor in the home of Christian Ogleby at Cleveland was made by furring out a niche in the wall. Here against a bit of old pine hangs a penzter wall fountain. Ivy wall brackets are made in a narrow panel. A table with old tiles completes the composition.

Arden Studios, decorators

How charming a group for a hallway leading to a city backyard garden! The terra cotta figure stands on a wooden platform against a trellis painted Versailles green. The wall paper is ivory colored marbleized with red veining. Floor tiles are two shades of lacquer red.

Barneswall, Inc., decorators

HALLOWAYS THAT LEAD TO THE GARDEN
CHARACTER IN INTERIOR WOODWORK

A Well Defined Type of Interior Woodwork Belongs to Each Specific Architectural Style

GEORGE S. CAREW

WHAT architects and builders call the standing woodwork of a house includes such items of the building's interior as doors and their trim, the frames of windows; baseboards or wainscots; stairways; and mantels, when they are made of wood. Of course all these details are parts of a building's actual structure, and yet because they contribute so largely to establishing the character of an interior they are likely to receive the careful attention of interior decorators as well as of architects. There are well defined types of interior woodwork for use with definite, specific architectural styles, and many home owners find profit in studying these types and sometimes in applying their knowledge to solving their own problems. As was just said, the design of woodwork has much to do with determining the character of a building's interior—so much so, in fact, that giving the closest possible attention to its designing will be more than amply repaid.

During the past few years there has been considerable use in America of what are sometimes called Latin or Mediterranean types of architecture, first of the early Italian and later of the early Spanish. In both these types the character of interior woodwork is of the utmost importance, although the character is quite different from that used with any other variety of architecture. In both Italian and Spanish domestic architecture wood is extensively used in ceilings, often arranged in panels or coffers, although at other times quite simply designed, showing only the structural timbers. Whether elaborately or simply planned, these ceilings are likely to be painted, or as architects and decorators say, "polychromed," in colors which are well contrasted, such colors as red, blue and green giving an excellent effect against the plain brown wood (generally walnut) of the ceiling itself. Care should be taken, however, that the patterns used for this painting or polychroming are not too elaborate or complicated; a ceiling, of course, is seen from below and generally at some distance, and while a pattern which is bold and simple is likely to carry well, an intricate pattern, which might be successful when seen at close range, is almost (Continued on page 136)
At the top of the page is a room in the home of Marion Sims Wyatt at Palm Beach, Florida. Here the so-called Mediterranean style of architecture prevails, as may be noted from the ceiling and wall treatments.

Pannelled walls in the early 19th Century manner give character and dignity to the library of Col. Sam Tate, Tate, Georgia. Marbleized moldings about the fireplace produce a contrast. Porter & Porter, decorators.
This simple design consisting of a restful Greek key pattern makes an effective border in a room furnished with American Empire pieces. The colors shade from beige to deep brown.

Painted Floors for Cottages

Stencil Borders, Spatter Effects and Checkered Designs

Add Gayety to Country House Decoration

Jane Stewart

The cycle of styles having turned, we come once more to the decorated floor. Patterned rugs and carpets, gay terrazzo effects and painted designs have replaced, to a great extent, the plain floors characteristic of so much past decoration. Thanks to the current interest in figured surfaces, this architectural feature is now treated with refreshing ingenuity in the matter of both design and color.

The decorated floor is by no means new. In the houses of Pompeii, interesting to every student of architecture and decoration, ornamental floors are among the foremost features. In contrast to these intricate and usually elaborate mosaics, we find examples of a very simple type of floor decoration in our own country. Before the Victorian Era swept away the charm and simplicity of Early American furnishing, it was not unusual to paint a floor in some interesting geometric pattern or to decorate it with a stencil border.

This simple type of painted floor decoration is particularly appropriate now owing to the vogue of Early American cottage decoration. The old-fashioned all-over spatter effects and the prim stencil borders combine charmingly with hooked rugs and sturdy maple. And if a more elaborate effect is required, there are the geometric patterns to simulate parquetry and mosaic—a delightful and comparatively inexpensive flooring treatment for a hallway in a country house where a somewhat formal effect is desired.

Color as well as design contributes to the interest of these decorated floors. While painted floors in the more formal rooms are generally done in black or conventional shades of browns or grays, the sunroom, bedchamber and other informal interiors lend themselves to the gayest of treatments. Coral, yellow, rose, blue and green are not only permissible but a welcome change from the neutral tones we have used so long. If a black floor is desired, insure a good black by a first coat of vermilion plus two coats of black slightly tinted with Chinese blue. This finish is especially good in combination with pinkish beige woodwork, trimmed with a narrow band of ebony. With a woodwork combination of this type the painted floor might be plain rather than decorated.

One of the simplest and most effective treatments for a painted floor in an informal country house is the stenciled border. There are many attractive designs to choose from—Persian scrolls, geometric Moorish patterns, Arabian, Egyptian and Roman motifs—each in itself offers a variety of choice well suited to floor decoration. With a dark floor use light or bright colors for the stencil, otherwise the design will not show up. For a floor in one of the gayer shades, however, both light and dark colors are used. For instance, on a yellow floor in a sun room you might have a stenciled border of apple green, or of cream or pale blue; and greens if the interior is a bedroom. The dominating lines of a floor border should always be horizontal, and with a few possible exceptions the design should be conventionalized. A bedroom might have a corner pattern with flowers of natural forms, but even here the conventionalized motifs would ordinarily be a much safer choice.

A stenciled border is usually placed from eight to eighteen inches from the wall, depending upon the size of the room and the size of the design. The stencil is quite simple to use but the work requires some care and planning in order to correctly space and match the design. The best way is to mark off the border with a small chalk line which may be easily corrected if a mistake is made. This method is especially advisable because a small inaccuracy is not
A spatter floor is an excellent choice for an Early American cottage interior. The floor is first painted a solid tone, and then several colors are spattered on to give a soft, uneven appearance.

at once apparent but by the time the border goes all the way around the room the inaccuracy becomes quite appreciable. Where the design is a succession of similar figures, the only difficulty in matching up comes at the very end. When four or five lengths from the end, the remaining space should be measured, and, in case the design does not come out evenly, the discrepancy determined. The discrepancy is then divided by the number of lengths left and each time the pattern is used in the remaining space it must be either lengthened or shortened the amount required.

In case the design has some dominant figure or is broken up into pairs or triplets, the work should be started at the center of each side of the floor, and the necessary lengthening or shortening of the pattern made at each corner.

The stencil is held in place with thumb tacks and the paint applied through the cut-outs with a "hammering" motion of the brush. That is, it should be tapped on, with the brush held at right angles, rather than being stroked. In this way the bristles are prevented from getting under the edges of the stencil and smearing the pattern. It is also important, if you want to ensure neatness, to clean the back of the stencil with benzine each time the pattern is transferred.

In older houses the wide board floors are generally in poor condition. Many of them, long concealed, have never been finished. It is not difficult, however, to give them a painted finish which is satisfactory from both the practical and artistic viewpoint. The floor should be cleaned with warm water and ammonia, and bleached, if necessary, with a solution of oxalic crystals and water. After using a crack filler, and, if the wood is open grained, a paste wood filler, the floor is ready for three coats of paint. A final coat of varnish applied when the decoration is complete will protect the finish and make cleaning easier.

There are several decorative treatments other than stencils that make the wide board floor both unique and artistic. The checkered and diamond designs may be done in ebony and ivory in a formal hallway, or in colors elsewhere. Gray and black, two tones of gray or tan, or perhaps two colors such as green and blue-green might be used. The diamonds or squares are marked off with a chalk line, the size of the pattern being determined by the width of the boards. The design is then painted with a regular floor paint. The simplest method is to give the entire floor the necessary number of coats (three for new work) of the lighter shade, and when dry to chalk off the pattern. The darker shade is then applied over the lighter, in every other square. One coat of the darker paint or two at the most will be enough. By adopting this method the labor of the more difficult part of the work, painting in the design, is reduced to a minimum.

Striping is also used for the wide board floor. A line of color that harmonizes or contrasts with the background is run along the joinings.

In addition to the checkered and striped effects suitable to country house flooring, there is the spatter finish—a type particularly well adapted to Early American interiors. This is best when developed in several shades of soft, harmonizing colors. Raw umber, blues, greens, tans, and a dull red may be worked in together.

The floor is first of all painted (Continued on page 154)
(Right) Heavy rush rug in natural color patterned in diamond design. The reed settee, painted spring green, has a back that folds down. Arden Studios.

In the lower left-hand corner is an inlaid linoleum suitable for sun rooms and halls. Block design in three shades of green. Sloan.

The carpet at the left has a ground in three shades of reseda green and flower motifs in beige and brown. Also to be had in tones of tan. Macy.

At the bottom of the page is a hair carpet suitable for cottage interiors. Tan ground with pattern in blue, red, and green. Sloan.

In the oval below is a modernist porch rug of fine straw with a brilliant flower design on a natural ground. From Altman.
Floor Coverings in New Designs

In the triangle immediately below is a modern carpet in an old hooked rug design. Soft colors on a gray and taupe ground. Sloan

The modernist carpet in the lower right-hand corner comes in tan and terra cotta tones and in a beige and green combination. Macy

(Below, left) Carpet with small flower design on a black, mulberry or eggplant ground. Altman

American table in the modern spirit, gray with touches of silver. Lord & Taylor. Carpet in gray, tan and black. Sloan

(Below, oval) Fiber porch rug with shellac finish. Blocks in natural color with squares in black, green or brown. Arden Studios
The Gardener's Calendar for May

This Calendar of the gardener’s labors is planned as a reminder for taking up all his tasks in their proper season. It is fitted to the climate of the Middle States, but may be made available for the whole country 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

Time was when most gardeners believed that the first of June was quite early enough to plant Dahlia tubers. As a result, many varieties did not come into flower until almost September, and the display would be cut off by frost at its very height.

But customs change. Today, in an average season and where a well-drained, fully sunlit site is used, Dahlias can be planted early in May. Their growth may not be so rapid as later on, but by the time really warm weather comes they will have gained a big lead over their June-planted brothers.

The Sweet Pea should be well above ground now, and will soon need support. A good trellis for them can be made of stout twice zigzagged up and down between two heavy wires strong horizontally between posts. The lower wire should be almost at the ground level, and the upper one four or five feet above it.

At this season, too, seeds of the small, early flowering annual varieties did not come into flower until almost September, and the display would be cut off by frost in a short time and consequently need three years or so.

SECOND WEEK

If you examine the Apple, Cherry, Ash and some other trees now you will quite likely find the webs of the tent caterpillars, small as yet, but destined to grow rapidly unless you destroy them. Whether you burn them or spray with kerosene, wait until dusk when the caterpillars are all at home.

And watch, also, for that other insect pest, the codling moth, sworn enemy of the Apple crop. The only sure way of exterminating him is to spray the trees thoroughly with arsenate of lead or other good poison mixture just as the flower petals fall.

For this tree and shrub spraying, as it is called for use in the flower and vegetable gardens, a thoroughly satisfactory device is the metal cylinder fitted with air pressure pump and nozzle. A few strokes of the pump compresses the air inside the spray so that the spray is forced out when the nozzle control is opened. Such a sprayer is convenient, portable and powerful.

Whatever kind of sprayer is used, it must be thoroughly cleaned inside and out as soon as the job is finished. Unless this is done there is likely to be subsequent clogging, corrosion and all-around impairment.

By the middle of May the Peonies are generally tall enough to make staking advisable. Three or four stakes equally spaced around each clump, with a heavy cord connecting them about eight inches above the ground, will serve as guilte-posts to success in the propagation of numerous and stronger side branches. Thus it tends to keep the plant stocky and prevents its wasting strength on long, straggling growth. The purpose of disbudding, of course, is to throw the plant’s effort into the production of better but fewer blossoms.

Now that the lawn-mower is working again and the grounds are producing a mixed assortment of green things which have no ornamental value, the compost heap can be started afresh. Valuable “manure” can be made of these waste products in a few months by the use of a powder which is specially made to hasten their disintegration.

Old Doc Lemmon says—“While I was a-stilting by the kitchen stove last evening, depire my socks an’ thinkin’ ‘bout makin’ mush, Cap Taylor he drifts in an’ we had a good old-fashioned visit till party near saw d’clock. Hadn’t seen to noil, and then lot drive that other an’ neither of us heil. As we wiser, we, natur’lly got to goin’ ‘bout the old days. Cap he followed the sea years ago an’ traveled round a lot, but last night he went away back to the times we both was little sheers.”

“Doc,” he says, “I’ve remember the day Parson Doddittle was a-ain’ to baptize Dusty Jennings in the swimming’ hole at The Forks, with half the folks in the county lookin’ on! How he went til the two of ‘em heed made out party near to their middles, and then lot drive them water an’ took the kids like he’d been dunked himself! Gad amighty, Doc, I never will forget the way he shook the water out with his shoulders an’ looked: ‘Who in the name o’ God tread these piles?”

“Dusty he got to be quite a pillar o’ the church afterwards, though. I mind the time he fiddlely made up his mind to marry Jonie Harding’s feller looks square at his bride-to-be an’ says mighty strong an’ under after courlin’ her ten year. The parson was party near ready to tie the knot when he got the idee o’ makin’ ev’rybuddy repeat somethin’ from the Scripture’s bout Love. When it come Dusty’s turn the old feller looks square at his bride-to-be an’ says mighty strong an’ stern-like: ‘Say me with flagons, comfort me with apples, for I am tired of love.’”

“Yep, Doc, there was plenty o’ them old coots that said just what they’d a mind to, regardless. Like Diah Budge—remember him? the time Dusty asked him for a new melody for the church. ‘Organ’” says Diah, ‘Music! Scat!’ I’d rather hear a bull beller in June.”

Third Week

Peonies and Sweet Peas should be well under way by this time and ready to benefit by every special stimulation which you give them in their preparations for flowering. In a little while the early Roses, too, will be looking for extra food.

As these three flower families start the great effort which culminates in the opening of their blossoms they need quick-acting food which can be readily assimilated. Nothing is better for this purpose than strong manure washes.

When the Peony bud shows at a fair size you will probably find them serving as a feeding-ground for ants. This is nothing to worry about, however, as these insects will do no harm, they are merely tickling their palates with the sticky exudation with which the buds are coated.

Peonies need no pinching back or disbudding to make them stocky and large-blossomed, but a maximum for plants do. The pinching off of the tips of young growing shoots is really in the nature of pruning and has the effect of inducing the development of numerous and stronger side branches. Thus it tends to keep the plant stocky and prevents its wasting strength on long, straggling growth. The purpose of disbudding, of course, is to throw the plant’s effort into the production of better but fewer blossoms.

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That finish and perfection in soups, which are everywhere associated with the name of Campbell's, attain no finer expression than in the clear soups. Campbell's French chefs achieve a masterpiece in each of these difficult soups, so often selected to grace the formal luncheon or dinner.

Campbell's Consomme is an admirable choice for the elaborate function or for the simpler family meal. The beef broth is clarified to a beautiful amber and is exquisitely flavored with fresh vegetables, herbs and seasoning.

Campbell's Bouillon is more pronounced in flavor, and is prized also for the sick-room.

Campbell's Julienne is another happy note when guests are being entertained. To the rich beef broth are added whole small peas, and the vegetables in shredded form impart additional charm.

Campbell's Printanier lends to both eye and taste its dainty reminder of the Springtime. In the subtly blended chicken and beef broth appear vegetables cut in small fancy shapes. This soup jells when the can is placed on ice overnight. It is an appealing delicacy.

Adding an equal quantity of water, then bringing to a boil and simmering a few minutes— and Campbell's Soups are ready to serve. 12 cents a can.
Character in Woodwork

Magnificent carved pieces which have virtually stepped across the centuries from the salons of Louis XIV and the palaces of the Italian Renaissance are assembled at the Lightolier Galleries. At such a vast collection, ranging from dainty tables to massive chests, one quickly discovers the precise pieces for any decorative scheme at prices for any appropriation, however modest. Decorators and their clients who wish to send descriptions of particular pieces which they desire will receive photographs of appropriate selections available at these Galleries.

LIGHTO LiER GALLERIES
500 BROADWAY - NEW YORK
208 HOGGIN 8200-LOS ANGELES

Carved by L. Vander Voort of Belgium

An unusually interesting ornamental door cornice is a distinctive feature of this pine panelled room, John H. Hutaff, Inc., decorators.
I

YOU'RE AT A BROADWAY VAUDEVILLE SHOW

The deep-throated twang of a mellow guitar on the knee of a musical clown. Fifteen or twenty verses of a song so incredibly foolish, you feel they are improvised on the spot. But the tune is catching. Feet are tapping and heads are nodding to the sing-song rhythm. You're at a Broadway vaudeville show—in your own home! So startlingly lifelike is reproduction through the Orthophonic Victrola, you visualize the whole scene. Instinctively, you applaud as the music stops. Some day you will own one of these incomparable instruments that furnish every type of entertainment. Why put it off? See your Victor dealer at once and arrange for a demonstration in your home.

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Period furniture
Interior decoration

Since 1866

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129 NORTH WABASH AVENUE
CHICAGO

CHARACTER IN WOODWORK
(Continued from page 136)

interior woodwork, generally austere and yet often of considerable beauty, was patterned after what the settlers had known and probably lived with in England; their walls were often sheathed vertically, wide planks or boards, usually of pine, being used, with occasionally some treatment of the edges of the boards which gave to the sheathing something of the effect of wood paneling.

Sheathing at times covered all the walls of a room and sometimes but one wall, the remaining three being plastered. Doors were generally battened (made, like the walls, of boards placed vertically), and windows were likely to be casements, all this woodwork being of the simplest and most economical character. The timbers of ceilings were usually left exposed, and all this woodwork—walls, ceilings, etc.—was left in its natural state to assume with the passing of time that richness of tone which comes from wear and exposure to the atmosphere. Woodwork of the later periods was not often left to acquire its finishing patina with the passing of time but was painted, not only white, cream or gray but red, blue, buff or green, this use of color adding considerably to the richness of the interior's effect.

The American colonists followed the mother country in everything—everything, that is, in a somewhat simplified or modified form, and a fashion which came into favor in England presently found a following upon the other side of the Atlantic. And so with fashions in interior woodwork. As English architects became more familiar with their particular version of the Renaissance, their interior woodwork became constantly more and more refined and sophisticated. Paneling as applied to walls underwent many changes, and there came into being a particular type of paneling for use with each of the well-defined architectural styles which followed one another. All this was studied and followed (in adaptation, that is) in America, aided not a little by the books of designs which the English architects were fond of publishing and which made possible the production in America of much which was finding favor in London. There presently arose in America a school of super-carpenters or woodworkers who were themselves students of classic design and capable of detailing upon

(Continued on page 149)
With traditional Philadelphia hospitality, the Hotel Benjamin Franklin welcomes the world. If you could go behind the scenes, sauntering through the great kitchens, inspecting the immense storerooms, visiting the banquet rooms, making a tour of the suites, the twelve hundred rooms and baths, you would be impressed with the fact that a hotel of this size is a town in itself.

Naturally, in an establishment where housekeeping is done on such a huge scale, ordering the equipment is a business in itself. The purchasing agent of the Benjamin Franklin has specified "complete Cannon service." This means that in the bathrooms throughout the hotel there are Cannon bath mats, Cannon bath towels, Cannon face towels and Cannon hand towels.

A choice of this kind is governed by the same factors that influence individual housekeepers in their buying. Looks. Wearing qualities. Prices. And most of the fine hotels in America choose Cannon towels!

Cannon towels are exceedingly good-looking. Modern decorative designs, conservative stripes, floral effects. Borders in green, gold, lavender, blue and pink. You will like the all-white towels for monogramming.

Cannon towels are eminently practical and extremely serviceable. They wash well and wear well. Prices are outstandingly reasonable. Shop around, compare quality. You understand why experienced purchasing agents specify "Cannon service."

May is none too soon to consider summer cottage supplies and bath towels for the swimming season. Cannon towels, bath mats, bath sheets and wash cloths are on sale in good department stores and dry goods stores everywhere. Prices 25c to $3.50. Cannon Mills, Inc., 70 Worth Street, New York City.

*All colors guaranteed absolutely fast.
Painted furniture will cheer and brighten your darkest bedroom

Being the color of summer indoors with cheerful, painted furniture. The group shown, designed for Hathaway's, is in excellent taste. You will find it on our floors in blue green enamel with painted decorations. But it can be had in any color that you wish. Should you choose eight pieces with twin beds, chest and chair not shown, the cost is $630. Pieces can be had separately.


Whatever your problems of decoration, bring them to our decorators. There is no obligation on your part, except to tell them what you want and how little you want to spend.

<table>
<thead>
<tr>
<th>Dining room groups from</th>
<th>$375 to $2100</th>
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<tr>
<td>Bedroom groups from</td>
<td>245 to 2000</td>
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<td>Living room from</td>
<td>260 to 1200</td>
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HATHAWAY'S
51 West 45th Street

CHARACTER IN WOODWORK

(Continued from page 118)

This custom-built boudoir chair will add a note of ease comfort to your bedroom. Priced in field cloth or your cover $29.50.

For charm and comfort even a bedroom needs attractive lamps. We've a wide selection to suit your needs for color and size.

This night table is included in the bedroom group shown. It will do much to make your bedroom more comfortable.

their own account, and in more than one locality along the Atlantic seaboard there exist even today homes with interior woodwork or trim sufficiently graceful to fill modern architects and workmen with envy if not with despair.

There are not wanting guides which point the way to the correct use of American interior woodwork. Although Bostan is said to have in preparation something which will place it under a more or less complete eclipse, there now exists nothing more helpful in its way than the American Wing at the Metropolitan Museum of Art. Behind its richly restrained English Renaissance façade, moved from elsewhere in New York, there are arranged an entire series of rooms architecturally correct and correctly furnished. The woodwork of these rooms in each instance has been brought bodily from some old house along the Atlantic seaboard, represents all the different periods of American history from the Colonial era, early middle and late, as well as the early decades of the Federal period. These rooms present, as nothing else does, an opportunity for studying American interior woodwork at its best.

For Good Design

But there exist other means by which the present-day home builder may assure himself of obtaining correct design in anything of such fundamental importance as interior trim. The best of the old houses in England and certain other countries of Europe have been visited and photographed, and drawings carefully made to scale make the following of other woodwork design quite simple. In America alone, thousands of values or interest have been made the subject of illustrated and measured drawings. Architects of the most careful training and of the most discriminating taste have ransacked even the most remote old villages, towns, and scattered hamlets in Maryland, Virginia, Delaware, the Middle States, and of course New England, and have placed on record their treasures of design for the guidance of those who would follow the best of precedent. Then again, there are certain wood working firms which supply ready-made trim which is highly desirable. It has been designed in some instances by well known architects who have laid down a scale which is likely in the vast majority of cases to be satisfactory, and this woodwork includes not only such features as mantels, doors, and window trim, cupboards and corner cupboards and the like, but also details for exterior use, such as bannons, mantles, and porches.

At present considerable attention is being directed toward the simpler types of French architecture—not so much the beautiful, highly sophisticated productions which were evolved by the great Parisian masters of design, but rather the following of their lead by architects and builders in the smaller cities and towns and in the rural districts. This is the type known as French Provincial, and its graceful simplicity is securing for it wide appreciation and much use. Wood has never been more abundant in France and the thrifty French have been careful in its use. For actual building they are likely to use other materials easily had in the locality and stone where stone is abundant, brick in regions where clay suitable for brick making is obtainable.

For their interior architecture, however, much use has been made of wood, and in forms which are beautiful indeed. French furniture is almost invariably of moderate scale, and few pieces of furniture can be had at all in modern height. To create a background for pieces of furniture such as commodes, canapes, bergères, etc., reliance must be placed chiefly on wall treatments which are architecturally fairly robust and vigorous. The favored wall treatment in France has always been plain plaster, or if a base coat has been applied, it is generally plaster painted, as a rule rise only to the height of the wainscot, the chimney breast above the mantel being sometimes given the highly architectural finish of a cornice, a framing of wood, generally carved, surrounding a painting or possibly a mirror.

French Details

Windows in French houses, whether in town or country, are almost always built with casements and their panes, instead of being rectangular, as is almost always the case in England or America. Instead of using panelling which is almost invariably rectilinear, the French paneling abounds in graceful, flowing, curving lines, the panels being often outlined by curves or else having straight lines at sides and bottom with the tops given some graceful curving form. Wainscots of wood are much used, and since the mantels or chimney-pieces are low, like the furniture, they as a rule rise only to the height of the wainscot, the chimney breast above the mantel being sometimes given the highly architectural setting for a thron or of a trumeau, a framing of wood, generally carved, surrounding a painting or possibly a mirror.

As in America and England, interior woodwork in France is sometimes left in the natural brown of the wood and waxed, but often it is painted, favorite colors being green, gold and rose. In some of the larger American furniture which has been built with casements and their panes, instead of being rectangular, as is almost always the case in England or America. Instead of using panelling which is almost invariably rectilinear, the French paneling abounds in graceful, flowing, curving lines, the panels being often outlined by curves or else having straight lines at sides and bottom with the tops given some graceful curving form. Wainscots of wood are much used, and since the mantels or chimney-pieces are low, like the furniture, they as a rule rise only to the height of the wainscot, the chimney breast above the mantel being sometimes given the highly architectural setting for a thron or of a trumeau, a framing of wood, generally carved, surrounding a painting or possibly a mirror.

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The Paul Revere pattern—which answers the demand for silver to go with the vogue for Early-American maple and pine... and gives back to American women their lost heritage of ancestral silver... A service of flat silver for six is $31.00... At your jeweler's, now...!

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Look at your Silver—Your Guests Do
Lloyd’s Bay of Naples

This exceptionally interesting pattern of wallpaper was first made in France, in the early days of the Nineteenth Century, and clipper ships soon brought it to America. The original was removed recently from an old Colonial house at Woodbury, Connecticut, and sent to England, where it was reproduced for Lloyd. The design—charmingly conceived and beautifully executed—shows vistas of the lovely Bay of Naples. It is a particularly appropriate and distinctive paper for hall, dining, or living room.

W.H.S. Lloyd CO. INC.
48 WEST 48th STREET
NEW YORK

FIRE PREVENTION

(Continued from page 118)

or even touch it. Recently we saw a house in which the pipes ran so near wooden beams that we expect any day to hear of a "fire sale". The stove in your kitchen should be set on stone or composition and three feet from uninsulated or unshaded walls or partitions, and shielded cases, the minimum insulation space should be six inches. Metal or asbestos can be used for insulation. All places through which a pipe passes must be protected by metal.

For your roof shingles, plan to use any of the absolutely non-inflammable kinds. Your house is in danger not only from itself, but from sparks from other houses.

In designing the fireplace, one is always anxious to have great beauty as its keynote. It is quite fitting that such be the motive, but mix with this eminently good desire a design that will not add danger to your home. If the mantel be of wood, never let it hang over the fireplace, close enough to permit it to blister from the heat and, eventually, to burn.

FIRE EXTINGUISHERS

Arrange to have fire extinguisher shelves or brackets in available places in the house and garage, just as you plan for your book shelves or closets. This is particularly necessary and an interminable step should be placed between the studs midway between floor and ceiling.

Fire-stopping for walls and partitions is frequently made of brickwork, and for this purpose almost any sort of bricks will serve, such as second-hand, under-burned, chipped, broken, or other defective, providing that sufficient mortar be used to fill all joints and interstices.

TYPES OF GLASS

Staircase windows should be in metal frames and wired. Ordinary glass, either thick or thin, breaks and falls from the sash very quickly when attacked by fire, and is not adequately fire-stopping. It is self-evident that if openings were thus formed in such a partition its value will immediately be lost. Wired glass, on the other hand, or plate glass in metal frames, will stay in place until the glass melts, and requires a severe fire to do that. Wired glass will also stay in place even though water be thrown upon it while hot, but will not withstand the fall force of a fire engine stream. Plate glass is prone to fall out if sprayed by water when hot. Neither glass will prevent heat being radiated through it, hence, there is always danger that combustible material, even though some distance away from the outside of the glass, may be affected by it.

When two portions of a dwelling are at right angles to each other, the windows in the angle should be placed as far away from it as possible, to avoid a fire jumping through them from one wing to the other. The heating plant, of course, can be a menace if not installed properly. No heating pipe should rest on wood of fire than efficient, well placed fire-stops. Their purpose is to delay the spread of fire and so assist in containing it to the story in which it starts. This protects life.

The danger resulting from careless workmanship is greater in the construction of wooden fire-stops than when incombustible material is used. The reason for this is that as the spaces between studs and joists vary somewhat, and as ends of timber are used for the purpose, it often happens that the opening supposed to be filled is really not completely closed. There will be a space of one-half inch, due to a stop-piece happening to be that much short of the correct length, but which is considered "good enough" for the purpose. Another cause for openings at the ends is that, if the end of a stop-piece is not square, a careless person will consider it too much trouble to saw it to fit, or a stud or joint may be warped, or not set squarely, and unless the stop-piece is carefully fitted, an opening will be left.

There are things to be watched when your home is in process of construction. The same defects exist at the sides of the stop-piece, and as all joints are sure to widen somewhat due to shrinking, it is extremely important that such fire-stopping be used for walls or partitions and an intermediate step should be placed between the studs midway between floor and ceiling.

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Sparks of live beauty caught and meshed in the simplest of platinum settings. The diamond chain is a radiant adornment and an appropriate element in an afternoon or evening toilette.

BLACK STARR & FROST
JEWELERS IN NEW YORK FOR 118 YEARS

FIFTH AVENUE, CORNER 48TH STREET, NEW YORK • • PARIS • PALM BEACH • SOUTHAMPTON
**Woolastik Sweaters**

are made of **FLEISHER XXX YARN**

and carry the Fleisher Guarantee Tag

The Franklin Sweater Mills have long been famous for the good looks, high quality and nice finish of their men’s and women’s sweaters. When you choose these attractive Woolastik garments for sportswear, you know that as well as buying smart and up-to-date styles, you are getting merchandise that is sure to give satisfactory service.

*What made of Fleisher XXX Yarn means*

Woolastik sweaters are manufactured efficiently, in a way which makes certain fine workmanship and well-worked-out details. They are made of the finest yarn to be bought — **FLEISHER XXX YARN**. This remarkable yarn is the triumph of a concern that has been famous for the excellence of its yarns for more than half a century. **FLEISHER XXX YARN** will give long and substantial service. Its wearing qualities are guaranteed without qualification by Fleisher. Read the Fleisher guarantee — it tells the whole story: the garment replaced or your money refunded, if you are not satisfied with the way the yarn wears.

Ask for Woolastik garments by name. A wide range of colors; an unlimited variety of novelty borders and trimmings in up-to-the-minute styles. Franklin Sweater Mills, Philadelphia.

**FRANKLIN SWEATER MILLS**

33rd and Arch Streets
Even though Cadillac is recognized as one of the world's exclusive cars, no price premium attaches to its exclusiveness. Today's Cadillac expresses beauty in its most regal mood. The 90-degree, V-type, eight-cylinder engine is developed to still greater heights. But price is relatively lower. Much that was hitherto obtainable only in custom-built models is now standard. Cadillac stands alone in quality and in value. Consequently an ever-increasing proportion of fine car buyers are making it their choice.

More than 50 exclusive body styles by Fisher and Fisher-Fleetwood

CADILLAC
A NOTABLE PRODUCT OF GENERAL MOTORS
Let the Personality of this Rug enrich your living room

In the furnishing of your home, the choice of the rug is all-important. It forms the background of the picture you are creating—using rugs, furniture, draperies, as the artist uses pigments.

And just as the artist realizes that the background frequently "makes" his picture, so also does the Bigelow-Hartford Carpet Company create rugs and carpets that will enable you to enhance the charm of your home.

Their colors have an affinity for today's most sought-after decorative effects. Their designs, whether from the nomadic rug-weaving tribes of the Near and Middle East or from the unknown masters whose skill flowered under Shah or Sultan, are always authentic, always in good taste.

Yet their cost is moderate. Their range of prices, in the different types of carpets and rugs offered, brings them always within convenient reach, whether you are furnishing your living room or planning appropriate decoration for some of the lesser rooms of your home.

Bigelow-Hartford Rugs and Carpets are on sale by progressive dealers everywhere. If you are in doubt as to where you may see them, write, and we shall gladly give you the name of a nearby merchant...one who, if requested, can give reliable advice on decoration.

For further counsel, send 25 cents for "Color and Design—Their Use in Home Decoration", a booklet illustrated in colors and published by Bigelow-Hartford Carpet Company, 385 Madison Avenue, New York.
There is a touch of masterfulness and robust vigor in the Antique. Strong, sweeping lines — broad surfaces — massive weight — an almost scornful simplicity, yet softly feminine, with its graceful curves and strange, velvet-like texture of surface. A pattern which coincides with the direct, energetic, modern America of today.

But to appreciate the complete distinction of this most unusual silver — the Antique, you must see it at your jeweler's. We will gladly send you a special booklet illustrating the complete Antique service and at the same time, booklets illustrating any other Wallace patterns in which you signify an interest.


Antique Tea Spoons are $13.50 in sets of six,
Dinner Forks $25.50 and Dinner Knives $22.50. The Tomato Server is $10,
the Tea Set of 5 pieces is $900,
with Waiter $825.

Wallace Sterling Silver
living in zoned municipalities, representing more than 55% of the urban population of the United States. Forty-six States and the District of Columbia have enacted laws permitting municipalities to zone themselves and in these States there are 576 places that have been zoned.

The State of New York leads the list with 93 cities, towns and villages that are zoned, and Delaware, Kentucky, Louisiana, Maine, Maryland, Nevada and South Carolina fall in at the end of the list with only one city in each being zoned.

It is interesting to note in this connection that there are now in this country 52 municipalities with over 100,000 population, 46 having from 50,000 to 100,000, 75 from 25,000 to 50,000, 96 between 10,000 and 25,000, 97 from 5,000 to 10,000, 138 from 1,000 to 5,000 and there are 49 which have a total population of less than 1,000 people.

New York City was first in this country to adopt a comprehensive zoning ordinance. This was put into effect in 1916 and has now been in operation for more than fourteen years, during which time it has proved highly satisfactory. As early as 1904 Boston passed an ordinance regulating the heights of buildings. Los Angeles County adopted a zoning plan which restricted the uses of land in 1909. Today Los Angeles, embracing a population of 916,455, is thoroughly covered by a very complete zoning system, Cleveland, Detroit, Philadelphia, New Orleans and Louisville, Ky., now have comprehensive zoning plans in preparation and expect soon to be added to the list of zoned municipalities. The list of American cities which do not have zoning in some form is fast dwindling.

"ENABLE ACTS"

In order that zoning may be made a valuable tool of municipal planning it is of the utmost importance that the State shall have recognized zoning by the passage of an "Enabling Act". In twenty-eight out of the thirty-three States that have zoning plans possible, their enabling act has been drawn from "A Standard Zoning Enabling Act" which was prepared by the Advisory Committee on zoning of the Department of Commerce, and issued in 1924. As shown before, there are at present very few States that do not recognize zoning.

As a start, the municipality should have a detailed study made of existing conditions, through the preparation of survey maps showing the character and location of every building within its limits, as well as building lines, set-backs and side lots, street widths, the location of existing railroads and waterways, etc. Based upon the completed maps, a proposed zoning ordinance is drawn up and in its completed form is presented to the property owners in a public hearing. In order to survive the test of time, such restrictions as are made must be intelligently in their provisions and must be so framed as to afford equal and adequate protection to all classes.

City planning and zoning commissions generally oversee the preparatory work of laying out a zoning plan, and they make the decisions as to what the tentative plan shall embrace in the form which it is to be presented to the property owners. No zoning ordinance, however, can be wisely administered without a board of appeals or adjustment for the hearing of cases where a strict interpretation of the law will seem to work a hardship on individuals. In those places where zoning is in practice, the board of appeals is composed of from three to seven members, including outstanding local men whose activities have familiarized them with the necessities of building and land issues—such men as the chief city engineer, the counsel, or the president of the board of fire commissioners, experts in real estate, experienced contractors, practical business men, an architect, a social worker, or an attorney.

BOARD OF APPEALS

When the zoning ordinance is in force, it is usually one of the duties of the building inspector's office to pass upon all plans for proposed buildings and decide if they conform to the zoning requirements. Should the permit be withheld, the applicant has the right to present his case to the board of appeals for consideration. The appellant is not put to the expense of court costs and a decision is usually given within a few days after the hearing.

When a case goes to the board of appeals it is the practice for the city engineer to make a careful study of the property and conditions affecting the proposed building lines and to present his findings in writing to the board during the hearing. This public hearing is preceded by the posting of a notice for a period of days on the property in question and the publication of similar notices in some of the local newspapers.

Only in rare instances has it been found necessary to carry cases into the higher courts following the decisions of the board of appeals, and it is through the fair action of these boards that the zoning ordinance has been greatly protected. During three years in which Kansas City has had a board of appeals it has been found that out of 600 cases 560 permits were granted with modifications. Denver, Colorado, heard 182 cases in its first year, of which 132 were granted, 47 denied, 2 were compromised and 10 withdrawn. Providence, R. I. found that 70% of the 213 cases appealed were granted by its board of review.

The fundamental principles of zoning have been tried by the United States Supreme Court and have been found constitutional. A well-known test case was that of the case of Euclid vs. The Ambler Realty Company, decided in November of 1926. This case has since been followed by a number of others in various parts of the country, all of which have upheld the restrictions that were placed by the zoning ordinance.

Zoning a city resembles closely the arrangement of a house. No one would think of building a house without (Continued on page 150)}
THERE is "personality" and interest about an interior which draws its inspiration from sources of foreign yet sympathetic character, rather than from a strict interpretation of some "period."

The sleeping room here visualizes the very essence of this idea...the exuberant color of the satin-wood desk and chair of English design contrasts happily with the background in subdued tones, which are repeated in the lovely bed and other French pieces of contemporaneous origin.

In their wide provision for every decorative requirement, the exhibits at these Galleries include a notable collection of antiquities from three centuries of European culture.

These original pieces and documents are supplemented by examples from our workshops — cabinetry unsurpassed in this or any other age.

New York Galleries
INCORPORATED
Madison Avenue, 48th and 49th Streets
CABINETMAKERS DECORATORS ANTIQUARIANS
© PUB. N.Y.C.
"Treasure"
Solid Silver

STERLING
925/1000 Fine

For People Who Enrich Life with Worthwhile Possessions

Only when you see these lovely «Treasure» designs in actual silver at your jeweler's—and take the pieces in your own hands—can you catch the whole secret of their charm.

Surely, there is nothing in silver design that appeals quite so much as simplicity and here, supremely, is the simplicity and cleanness of line—the exquisite delicacy—which the William and Mary period brought to English decoration.

The characteristic cyma curve and half circle top lend an exceeding grace and distinction. And in the Mary II pattern you find, also, the characteristic smooth, clean surfaces, as the fine tracery design of arabesque motif is sunken below the surface after the manner of flat-chasing.

Either of these two designs suggests a graceful harmony with the English or Early American note in furnishings, and offers the permanency of good taste which
authentic period designs afford. STERLING, of course . . . because only in STERLING is any sense of permanency possible.

If you would like catalogues of either the William and Mary or Mary II patterns, these will be gladly sent if you will send us 10 cents (postage or coin) and check-mark the coupon so as to denote the pattern of your choice.

And we believe you will also be interested in "The Art of Table Setting." This is arranged in portfolio style, 10 by 12½ inches in size, with large 7 by 9 inch illustrations which show model table settings, made under the supervision of the author of a well-known book of etiquette. We shall be glad to send this too, if you will enclose 30 cents additional to cover a portion of its cost.

ROGERS, LUNT & BOWLEN COMPANY • Silversmiths
Member of the Sterling Silversmiths Guild of America
GREENFIELD • • • • • MASSACHUSETTS
Among the Distinguished Arrivals—
A Gift from Plummer’s!

"From Plummer’s" is as significant an inscription in the matter of China and Glass as the Sterling Mark on silver. No matter what the occasion—be it bridal or otherwise—a gift "From Plummer’s" evokes the little exclamation of delight that always accompanies recognition of the finest.

All of the leading makes of china and glass and kindred ware for cupboard and table are available at this shop. Many of the beautiful patterns displayed here are exclusive, they can be had nowhere else in America. And thus individuality is one of the explanations possible for the high type patronage which Plummer’s has enjoyed for years.

Our mail order department is available for those who cannot shop in person.

Wm. H. PLUMMER & Co., Ltd.
IMPORTERS OF
Modern and Antique China and Glass
7 & 9 East 35th Street, New York
Near Fifth Avenue

HOUSE & GARDEN'S BOOKSHELF


Another of Mr. Eberlein's valuable books has appeared. This time it is written in collaboration with Mr. Roger Wearn Ramsdell. They have vindicated the assembling of the cabinet-work of those three Latin countries, which students always mentally correlate, and have presented the subject in such a concise and orderly way as to warrant the use of the word 'practical' in their title. Notwithstanding this fact we confess that the chapter on Portuguese Furniture acted like a magnet to attract our first attention. So little has been written heretofore about the furniture of Portugal that every scrap of accurate data is welcome. Referring to the matter of spiral twisting in furniture legs and ornament, the writers have touched upon a subject now about ripe for full investigation. We ourselves have had the matter in hand more than once and started some research work, but have dropped it for more urgent activity.

The Italian Renaissance has so long occupied the attention of everyone interested in art and furnishings that a fuller presentation of the later periods in Italy and Spain is especially welcome at this time, when their accomplishment is being given the fuller recognition it deserves.

The work is carefully systematized. Backgrounds are given first consideration, followed by the articles of furniture in use, and then come Materials.
A Bronze, "The Dancing Lesson," by Lehman


J.E. CALDWELL & CO.
Philadelphia
This latest guide to artistic interiors will help beautify your home...save you money.
SEND FOR IT!

These vagrant spring days make you long for new decorations and fresh draperies in your home. If you are pondering on how to treat a room of northern or western or eastern exposure; or if you are seeking a new style or color scheme in valances or over-draperies—send 25c in coin or stamps for our new book "Color and Design—Dominant Notes of the Modern Home" by Marcia Meadows, Interior Decorator. It is practical and helpful; there is a coupon below for your convenience.

And if you are yearning for some especially lovely designs or colors, see Colonial Drapery Fabrics. They’re well worth looking for—(we will gladly send the name of the nearest merchant who has them). They veritably bring to your rooms the colorful effects of nature, or the artistic designs of various periods. Do see them!

COLONIAL
DRAPERY FABRICS
A product of
MARSHALL FIELD & COMPANY
WHOLESALE

"That's the way to travel, Bob—no crowded roads, no punctures or delays of any kind."
"Yes, I suppose we'll all be traveling that way some day, but in the meantime, a good car with Kelly-Springfield tires all around is about the most comfortable and carefree way I know of."
Since man first applied wheels to vehicles, friction has been an enemy to moving parts—hostile even to the finest of workmanship.

Packard long has realized that precision manufacture goes but part of the way in insuring to owners long and trouble-free car life. And so in Packard cars precision is protected.

Every morning from the driver's seat the Packard owner can oil each of the thirty-one chassis points requiring daily attention as quickly and easily as he sets the hand brake.

One pull of the plunger on the dash and a charge of thick, clean oil—correctly measured to a single drop—is spread upon each bearing surface from within.

Packard has made chassis care so easy that it is never neglected. The Packard owner invests in fine engineering and watch-like accuracy—the "Instant" oiling system protects his investment. Thus Packard assures to owners delightful riding and driving comfort, reduced maintenance expense and lengthened car life.

Packard cars are priced from $2275 to $4550. Individual custom models from $5200 to $8970, at Detroit.
Choose
the Timepiece
an American is
proudest to own

Deep down in most of us is a respect for the
Waltham name which is a tribute to years of
distinguished craftsmanship.

You may call it pride . . . this desire to say "It's a
Waltham." You may term it appreciation. You may
never have analyzed this feeling.

But this you recognize—

The name Waltham makes the gift more
acceptable . . . gives to ownership an enduring
satisfaction. Whether it be a Waltham Watch, slim,
graceful, handsomely encased . . . or a Waltham
Clock, beautiful in line and color, the name is your
assurance of jeweled precision . . . and of style
that meets the smart demands of modern time.

Waltham Watch Company
WALTHAM COLONIAL WATCHES No better watch value exists than is offered by the Waltham Colonial Watch priced at $40 to $200.

At the right is the Colonial "A" No. 175, Waltham's thinnest pocket watch. The movement is 19 jewels, adjusted to temperature and five positions. 14K green or white gold case, severely plain or hand carved. Dial is sterling silver with applied 18K gold figures. $175.

On the opposite page is shown the Waltham Colonial No. 40, 17 jewel adjusted movement, silver or gilt finished dial. Case 14K gold filled. Butler or line finish. A remarkable value in a thin model watch at $40. No. 60 is the same movement in 14K solid gold case. $60.

BOUDOIR CLOCKS Charmingly colored to harmonize with the boudoir ensemble. Gilt, bronze, natural wood or pastel shades with tinted, luminous dials. 8-day jeweled movement. No. 1601 is $25. Others to $100.

LIBRARY CLOCKS A smart thin model clock for table or mantel. 8-day jeweled movement. Mahogany, walnut or crackle finish in colors. No. 1238 is $30. A few at higher prices.

FOLDING LEATHER CLOCKS A personal timepiece with 8-day jeweled movement. Self-contained in a thin folding case of leather in natural finishes or brilliantly colored and tooled with gold. Dials are gilt or silver finish with luminous hands and figures. The smartest clock of the season for the home . . . for the office desk . . . for traveling. A beautiful gift at $25 and $30.

WILLARD BANJO CLOCKS By many, these are considered Waltham's most beautiful clocks. Designed from the famous Willard Banjo Clock — all details are authentic. No. 1500, $75, illustrated on opposite page, is one of the five full-size models, 42 inches high, with 8-day pendulum movement — $75 to $125. Three half-size models, 21 inches high, with 8-day jeweled movement, are priced at $10. Cases are mahogany, walnut or crackle finish in color. All have exquisitely colored glasses, hand painted.

In what type of Waltham Watch or Clock are you most interested? Necessarily we can show here but a few of the representative Waltham models. Other designs are illustrated in attractive folders which will be sent on receipt of the coupon at right.
“MY PREFERENCE,” SAYS CHALIAPIN

As you listen to the gloriously resonant tones of the Baldwin Piano, it is easy to hear, in fancy, the great voice of Chaliapin, with its untold variety and force of characterization. As quality is drawn to quality, so has Chaliapin chosen the Baldwin as his inspiration in his accompaniments and in his home. A demonstration at any Baldwin dealer’s will inspire you with the same admiration. Grands at $1450 and up, in mahogany.

THE BALDWIN PIANO COMPANY, CINCINNATI
American black walnut Chest No. 101 of 160 pieces; 6 table and 12 each, tea, dessert, ked tea, orange, bouillon and iced tea—dessert, dinner and individual salad forks—butter spreaders, dessert and dinner knives. In drawer—game carving knife and fork, berry spoon, sugar spoon, cold meat fork, cream ladle, gravy ladle, butter knife, pie server and olive fork. Complete—$60.00

To those whose love of fine silverware inclines toward beauty that springs from simplicity, we present French Antique, a pattern of marked distinction in Reed & Barton Sterling.

What other pattern offers such rare beauty of line? What other pattern could bring more stately, cultured grace to your table? French Antique is representative of the finest traditions of Reed & Barton silvercraft. Select it now—FOREVER—at your jeweler's.

REED & BARTON
STERLING
ESTABLISHED OVER 100 YEARS
SILVER PLATE

French Antique Tea Spoon
Sterling Silver
(actual size)
$25.00 per dozen
BEFORE YOU PLAN YOUR DRAPERIES
FOR THE NEW SEASON

send for Orinoka's latest booklet

"COLOR, THE SECRET OF BEAUTIFUL HOMES"
IT IS FULL OF SUGGESTIONS THAT WILL HELP YOU
AND IS YOURS FOR ASKING

You will find the decorative suggestions in the new Orinoka booklet most helpful. Ethel Davis Seal, its author, is a well-known authority on interior decoration. In the booklet are many modern yet simple arrangements for draping windows in almost every room. Beautifully illustrated, it shows rooms and new fabrics in color.

But be sure to use Orinoka Guaranteed Sun-and-Tubfast Drapery Fabrics to carry out the charming effects you plan, for it costs just as much to make up ordinary draperies as it does Orinoka, which are guaranteed not to fade. Orinoka patterns are woven, not printed. Insist on seeing the tag on every bolt of Orinoka sunfast goods, which reads: "These goods are guaranteed to be absolutely fadeless. If color changes from exposure to sunlight or from washing, the merchant is hereby authorized to replace with new goods or refund the purchase price."

Mail the coupon below today for this fascinating 32-page booklet. You will find Orinoka Guaranteed Sun-and-Tubfast Fabrics at the better department stores and decorators' shops.

Orinoka
DRAPERIES & UPHOLSTERIES
COLORS GUARANTEED SUN & TUBFAST

(PAINTED FLOORS FOR COTTAGES

(Continued from page 131)

in the regular manner, using say, a raw unibro for the ground coat. When dry, the first spatter color is applied by dipping an ordinary scrubbing brush in the paint and wringing the bristles with a table knife. In this way the paint is spattered on. The brush never comes in contact with the floor. The remaining spatter colors are applied in the same way without waiting for the first to dry. If the floor has been given a flat finish, either gloss or flat paints may be used for spattering, but if the ground coat is gloss, the spatter colors must be flat.

This method makes a soft finish which in dull colors would suit either a living room or dining room, and in gayer shades will be appropriate to the less formal room.

The return of the decorated floor is in line with the present trend of interior decoration. Our lately somber living rooms have given place to gay interiors emphasizing both color and design. The painted floor is a part of this change. So long as modern decoration retains its present colorful characteristics, the decorated floor will remain in favor.

MODERN FURNITURE

(Continued from page 100)

The best sense, has certain characteristics worth noting. One of these consists in the fascinating results obtained by making full use of both the natural color and grain of many different kinds of woods suitable for cabinet-work, and by counterposing both the different sorts of woods and the different qualities of grain in an almost endless diversity of combinations. Oak, walnut and mahogany, of course, employers to a great extent, but besides these, and in combination with them, he makes free use of box, cherry, yew, beech and a variety of other woods that have rarely been taken advantage of to anything like the extent their properties merit—certainly not in the modern scheme of furniture.

By the use of these vari-colored woods and the diversity of grains, it is possible to secure any degree of enrichment, much or little, without in the least disturbing the complete simplicity and straightforwardness of line aimed at. It is also worth noting that this furniture is designed with an almost total absence of moldings or projections of any sort. The relief of surfaces is attained by elimination, not by addition. In other words, instead of moldings and projections, there are sinkages and edges and corners rounded or bevelled. It is also significant that the whole scheme of this furniture abstains from treating the wood surfaces with any sort of stain, fillers or varnish. A wax finish only is used. The full beauty of the natural color and grain of the various woods is thus allowed to appear, untouched by any obscuring agency.

Finally, the furniture under discussion has the merit of adaptability. By the utter simplicity of its lines, it is manifestly appropriate for cottage use or for inclusion in the most reticent and unpretentious furnishing program. At the same time, it is susceptible of a richness of coloring and wealth of pattern in grain that may well find an acceptable place in far more elaborate surroundings, and without entailing any loss of strong individuality.
If you are a LA FAYETTE GIRL...
then here is your bridal sterling!

Spontaneous little words of delight—
"I like it! It feels like me!" Do they spring to your lips, when you see this La Fayette pattern in Towle Sterling?

For there are girls who feel just such a thrill of recognition.

Charmingly characterful young persons, they are instinctively drawn to the fine Early American integrity of the La Fayette. Its pure, unadorned beauty seems to be in sympathy with their own unaffected loveliness.

This personal and intimate attraction for those who seek individuality in solid silver is the peculiar quality of Towle patterns. In the whole range of modern sterling Towle conspicuously offers you personality—the priceless something which reflects your own particular taste and temperament.

Such personality—expressed with the mastery of silversmiths schooled in the craft-traditions of famous old William Moult of 1690—means that this precious wedding silver of yours will give pleasure as long as it lasts. And that, since it is solid silver, means for generations.

TOWLE Sterling Silver Exclusively

FOR YOU—THE BOOK OF SOLID SILVER
A charming volume in blue, ivory and silver with helpful, interesting chapters on Sterling design, table-setting, choosing one's pattern, etc. This book costs us about one dollar to print, but it will be sent without charge to those interested enough to fill out the following coupon in full and send 45 cents for mailing and handling costs.

The Towle Silversmiths, Newburyport, Mass.

Please send me The Book of Solid Silver. I enclose 45 cents.

Name.

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City and State.

My jeweler is...

9/6

 Lovely in their true Early American simplicity—three pieces from the La Fayette tea service. Complete service of 5 pieces, Coffee and Tea Pots, Sugar, Cream, Waste Bowl, $4.40

Lovely in their true Early American simplicity—three pieces from the La Fayette tea service. Complete service of 5 pieces, Coffee and Tea Pots, Sugar, Cream, Waste Bowl, $4.40
Contour and Structure, Decorative Processes, and Types of Decoration. Each piece like the casseove is given separate consideration, which makes the book very handy for use.

To quote a little from the Foreword: "The volume is illustrated with the best and most characteristic examples from the several periods treated. The pieces shown have been carefully chosen so as to be thoroughly representative of the various types in general use at one time or another.

"Most of the books hitherto published upon either Italian or Spanish furniture have dealt chiefly or almost exclusively with the period of the Renaissance, making only occasional excursions into the work of the early seventeenth century. Save in very few instances, the late seventeenth century, the whole of the eighteenth century, and the early years of the nineteenth have been wholly ignored. And yet the furniture made in Italy and in the Iberian peninsula during all that time was of no less interest and excellence than the furniture produced in previous centuries, only the fashion of it had changed to accord with the changed tastes and ideals of the age in other things.

"In the present volume the prevalent omission just noted has been remedied. We have tried to keep a due balance between the successive episodes of style and to show the types in popular favour from the Baroque age to the epoch of Neo-Classical supremacy as well as those that characterized the fifteenth and sixteenth centuries."

About two-thirds of the book is devoted to Italy, Portugal is given seven pages, and the rest is devoted to Spain. There are three hundred and sixty-one illustrations in double tone, a colored frontispiece, and fifty-seven line drawings. Everyone will be grateful for the excellent index.

G. G. G.


"The Perfect Little Maidless House," although the last chapter in the book, was the first to catch my eye upon opening it. For the brief flicker of a moment a pang of regret for the home which was without a little maid saddened my thought, but then came a realization that the adjective merely referred to the "House." The servant problem "in suburban tert in the book, was the first to catch my eye. And yet the furniture made in Italy and in the Iberian peninsula during all that time was of no less interest and excellence than the furniture produced in previous centuries, only the fashion of it had changed to accord with the changed tastes and ideals of the age in other things.

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G. G. G.
In Seventeenth Century England, fair ladies rivaled each other in crewel work—embroidery in bright twisted wools

This striking Schumacher reproduction of a Seventeenth Century embroidery flashes the brilliance of dramatic design and color against a background of buff wall

Crewel Work of rare loveliness with the fantastic motifs of Jacobean days

In Seventeenth Century England, when embroidery was rated with the fine Arts, ladies of high lineage and accomplishment diligently plied their needles.

They worked in crewels—bright twisted wools, on bold neutral surfaces, heavy twilled linens or cottons mixed with flax.

Schumacher has reproduced many of these rare embroideries.

To draperies, curtains, upholstery they lend the inimitable quality of handcraft. They are in accord with dark, carved furniture of Renaissance inspiration—with early American decoration—or with Spanish decoration and the sophisticated French art moderne.

Schumacher offers a wide selection of effective embroideries, as well as other authentic reproductions from the past, and a superb grouping of decorative textiles, modern in design and weave.

These may be seen by arrangement with your decorator, upholsterer, or the decorating service of your department store. Samples selected to fit your requirements will be promptly obtained.

A new booklet, "Fabrics the Key to Successful Decoration," discusses the history of fabrics and their importance in decoration. It will be sent to you without charge.

F. Schumacher & Co., Dept.F-5. 60 West 40th Street, New York. Importers, Manufacturers and Distributors to the trade only of Decorative Drapery and Upholstery Fabrics. Also Boston, Chicago, Philadelphia, Los Angeles, San Francisco, Grand Rapids, Detroit.
These graceful fixtures will establish a decorative note in modern rooms truly suggestive of quaint Early American days. Among decorators and architects who seek the character of custom made equipment in period styles, these Lightoliers have won pronounced favor.

At the Lightolier Studios and at leading fixture dealers everywhere, these and countless other fixtures equally as graceful and enduring are on review. Upon inquiring their prices one quickly discovers that many are available even where appropriations for lighting are decidedly limited.

If you plan to build or refurnish your home, send the coupon for a new interesting brochure very recently published.

**Lightolier**

569 BROADWAY  
NEW YORK CITY

---

A Colonial frame house at Greenwich, Conn., the residence of John H. Allen, designed by Arthur C. Holden & Associates. This style affords the maximum space for living purposes, and permits the economics resulting from the simple plan to be applied to interior finish or extra volume.

**HOW MUCH HOUSE**

(Continued from page 115)

ranges from a minimum of 40 cents per cubic foot to about 60 cents in the New York area. (See first article for geographical comparison of cubic foot costs). A fair average for reasonably good construction is 50 cents a cubic foot. By examining the accompanying chart, it will be seen that for an expenditure of $37,500 the cheapest logical type of construction at 40 cents a cubic foot will provide 43,750 cubic feet; medium good construction at 50 cents per cubic foot will provide 35,000 cubic feet, and the more luxurious type of construction at 60 cents will provide 28,466 cubic feet. Broadly interpreting, this means that where a six room house is built at the cost of 60 cents a cubic foot, an eight room house can be built on a somewhat lower basis per cubic foot.

For purposes of comparison, let us assume that two families set out to build a $17,500 house. This cost is assumed to cover the house and equipment only. It does not include the cost of land, which is highly variable, nor does it include the cost of land improvements. The first step will be to establish space budgets, in accordance with the accompanying table. Following this system the possible number and size of rooms can be approximated and we have then to consider what kind of a house, physically speaking, may be had within this price range.

Considering first the basis of 50 cents a cubic foot, it is quite evident that the house should be of frame, stucco, or brick veneer construction. These are the less expensive forms, comparatively speaking, although solid brick walls do not cost much more—probably $300 or $400 for a house of this size. The roof of this house will presumably be covered with asphalt.

(Continued on page 162)
If you found this pattern in an antique shop, or in some old New England homestead, you would count it a discovery of first importance. In design, craftsmanship, finish, the Mothers pattern reflects each minute characteristic that marks the delightful hand-wrought silver of our forefathers.

Mothers is, in fact, an authentic copy of a very old, very fine hand-wrought pattern. In every aspect but age it is an antique—the treasured heirloom of tomorrow.

With so rich a Colonial background it is only natural that Mothers should blend gracefully with the modern Colonial home.

It is produced in Sterling silver by the Gorham Master Craftsmen in complete Dinner and Tea Sets. Especially recommended as gifts to lovers of Americana are: Teaspoons—$10 for 6; Steak Set—$15 for 3 pieces; Salad Set—$14 for 2 pieces. Your jeweler will show you these pieces as well as many other Gorham patterns.

Whatever your taste—whatever your favorite period—you will find among Gorham's 27 patterns in Sterling a silver service to harmonize.
A little horse (or small horsepower) might be able by exerting its utmost to pull a big load. But it would not continue to pull it day after day without breaking under the strain. It is the abundance of reserve under the Auburn hood (that costs no more to operate) that not only gives better and greater performance, but more important, meets all requirements without strain or undue depreciation.

115 HORSEPOWER STRAIGHT EIGHT

POWERED BY LYCOMING

AUBURN AUTOMOBILE COMPANY, AUBURN, INDIANA
Roads near, roads far,
roads good, roads bad-
here is the tire which asks no odds, raises no doubts, calls for no excuses

PLENTY OF RUBBER
IN
U.S. ROYAL CORDS
The time has now come when "a car for her, too" is a necessity. And no car is so ideally fitted for her personal use as the Bigger and Better Chevrolet.

Its improved valve-in-head motor is smooth, powerful, and instantly responsive to the throttle. Its easy-acting, non-locking 4-wheel brakes are always dependable . . . always velvety in operation. And the ball bearing steering mechanism provides delightful handling ease under every condition of highway and traffic.

The Roadster, $405; The Touring, $495; The Coach, $585; The Coupe, $595; The 4-Door Sedan, $695; The Sport Cabriolet, $695; The Imperial Landau, $715. All prices f. o. b., Flint, Michigan.

CHEVROLET MOTOR COMPANY, DETROIT, MICHIGAN
Division of General Motors Corporation

QUALITY AT LOW COST
The quiet splendor of silver is never ending. It reflects forever the radiance about it. In jewel-colored miniature, in the shining coffee service of International Silverplate, is the whole gay scene! Repeated here are the rosy orange tones of firelight; soft yellow of flowers; vivid blue and green of rich fabrics. Little wonder that again and again the eye turns gladly to these replicas-in-silver of the loveliness of the room.

In design, in decoration, the shapes and patterns of International Silverplate deserve this notice. A cigarette box, a vase, a bonbon dish are lustrous examples of the silversmith’s art. . . . The gracious use of a tea service or an after-dinner coffee service gives character to entertaining lends elegance to living.

International Silverplate, though suitable by reason of its dignity to the most formal occasions, yet has a friendliness that makes it beloved for every day. As it is practical and reasonably priced, it appeals to people of moderate means. Admireable for gifts! And the name of the maker assures you of a quality that endures; of craftsmanship unquestionably fine. International Silverplate in a wide variety of patterns and pieces is on sale in silver shops everywhere. . . . A little book, “Silverplate for American Homes,” will give you many ideas for setting the stage of the home. This is free. Send for booklet Dept. E, International Silver Company, Meriden, Connecticut.

(Old English or Grape pattern illustrated)
SHAUER-KAPOCK—For Shower Bath Curtains

SHAUER-KAPOCK—For Shower Bath Curtains

For sunny windows, furniture and whatever permanence in color is desired.

KAPOCK
G U A R A N T E E D

Silky-Sunfast Fabrics

THE old-fashioned bath-room has gone. The modern room is attractive and colorful, and in up-to-date homes, large and small, SHAUER-KAPOCK has replaced the old style shower bath curtains.

SHAUER-KAPOCK is a practical, decorative fabric which need never be laundered. It is water-repellent, waterproof and fast in color—mildew resistant and spot proof. Beautiful patterns and colors.

If your plumbing contractor or dealer cannot show you SHAUER-KAPOCK, instruct him to write us for samples, stating colors desired.

Send 10c in cash for the Drapery
KAPOCK SKETCH BOOK
Beautifully illustrated in colors.

A. THEO. ABBOTT & CO.
2301 W. Allegheny Ave.
Dept. C
Philadelphia

Make sure it's KAPOCK—name on selvage.

VISIT THE KAPOCK HOUSE, 2011 Walnut Street, Philadelphia—"Nothing like it in the world"

HOW MUCH HOUSE

(Continued from page 158)

not so often used or which in their way represent luxury. It is quite probable that the heating system will be of the simplest possible type, allowing perhaps for greater expenditures later but not admitting, for instance, costly apparatus which, if desired, may be incorporated at another time.

In other words, this house, which is to range in cost from 48 to 50 cents per cubic foot, may be quite attractive architecturally but cannot afford the luxuries of fine wood paneling, expensive wrought-iron fixtures, or similar elements which concentrate costs without contributing to the utility requirements.

When we take the next situation, however, in which the owner is willing to build on the 60 cents per cubic foot basis, and does not require as much physical space, it becomes evident (by referring to the accompanying table) that whereas on the 50 cent basis 35,000 cubic feet can be incorporated in the house for $17,500, on the 60 cent basis only approximately 29,000 feet can be built. This represents a reduction of 6,000 feet in the cubic volume, which is approximately 18% reduction in cubic contents. Applying this percentage to the $17,500 to be expended, we find that in the smaller house we have actually $3,150 more to spend on the purchase of a higher quality of materials, decoration and equipment.

It is quite obvious that $3,150 will

(Continued on page 196)
AN all-day drive in an Airman is far less fatiguing than a few hours' trip in most other cars.

This amazing advance in riding ease is made possible, in large measure, by air-cooling—the most modern cooling principle for airplane and automobile engines. Because air-cooling has no need for a rigid radiator, the Airman chassis can be built with yielding flexibility—a quality that is absolutely imperative for supreme riding comfort.

A scientific saving in weight throughout both the Airman motor and chassis, permits the use of soft-acting, full-elliptic springs. This exclusive feature, combined with light unsprung weight and perfect total balance, has enabled Franklin to reduce road shock to the minimum. Only the Airman, because of its basically different design, can offer these outstanding comfort advantages.

In performance the Airman is equally far advanced. It offers a quiet, powerful motor capable of meeting any road emergency. And a new, long-sustained high speed—with rocket acceleration. Every turn of the wheels registers a new thrill. If you do not know the joy of Airman-comfort and the exquisite pleasure of Airman-motorizing, arrange this week for a drive in the most comfortable mile-a-minute car ever built. There is a complete selection of 2 to 7-passenger models from which to choose. Franklin terms of payment are convenient.

FRANKLIN Automobile Company, Syracuse
Forni might well have been the table ware from which the gods ate their ambrosia, and Empoli the glass from which they sipped their nectars. Indeed, they must this very minute, in far off Italy, be to serve twelve persons, selected from open stock, with this distinctive pattern and entrancing color. In this day of fostering its sunny yellow or its soft green glaze and the beauty of glass unadorned, the very convenient. There follow a unique list of "Plants Generally Disliked by Sparrows" and several lists of various sites made difficult by neighboring trees and buildings. A little attention, not so much as might be, is given to shrubs and trees for parts of towns that are congested and affected by gases and smoke. Particulars relating to pruning and other cares are arranged in tables.

F. R. M.


A NOTHER valuable book has been added to the literature on glass and its making, written by one who speaks with authority, and illustrated from the collection of the author.

Bernard Rackham, keeper of the department of glass and ceramics, Victoria and Albert Museum, in the Foreword notes the differences between pottery and glass, both requiring heat in the making, and after briefly reviewing the history of glass making, notes various methods and their use from ancient to modern work. He touches on the quality of glass, its color and decoration—ornamenting by embossing, cutting, engraving, enameling, and painting—and then notes the various motives prompting the collector. Glass blowing and the beauty of glass unadorned is a subject that strikes home to every lover of beautiful glass. As we glance up from the page and catch the brilliant and subtle play of sunlight on the display of our own exquisite thin amber glass from Venice, we recognize what every collector knows, that the age, the workmanship, its texture, form, and color constitute its charm; all else is in the realm of ornamental design.

A chapter on Diamond Engraving written by Dr. Ferrand Huydecour, assistant director of the Nederlandsch Museum, Amsterdam, traces the technique of engraving or scratching glass from Roman times, through the Christian period, the 4th and 5th Century engraving on both clear and green glass, and the inscriptions of the Middle Ages, to the new florescence in the Renaissance, 15th and early 16th Centuries. Venetian glass was mostly colored, but the taste for clear glass developed in the 16th Century and became international. The naturalistic engraving of the 17th Century was on clear though usually on violet glass. As glass making spread north and west from Venice it reached France, Germany, Spain, Holland, and England. He writes in some detail of Dutch diamond engraving, until in the 18th Century with the introduction of the heavier but more brilliant lead-glass, wheel engraving threatened to supplant the diamond. In looking back through the three thousand years during which we have knowledge of the art of glass making, the periods and movements that stand out above all others as the most important are those of (1) primitive glass in Egypt from 1500 B.C., (2) the first centuries of the Roman Empire, (3) the Spanish enamelled glass of the 13th and 14th centuries; (4) Venetian glass of the Renaissance; (5) German and Netherlandish glass of the 17th and 18th centuries; (6) British glass after the making of the "glass of lead," at the end of the 17th century.

Mr. Buckley classes glass making by countries, with an illuminating paragraph or two, introducing the descriptions of the various items in his collection. The illustrations are superb, the photographer catching the very glint of clear glass—that liquid quality like raindrops, which shows effectively against a black ground.

G. G. E.


THIS book is well worth its small price to the owner of even a tiny home lot in the planting of which a competent landscape architect is not employed. It would at least guard against overseeing and against being overloaded by a salesman or a nurseryman. But it is wonderfully correct and efficient, for its size, in telling how to make a house into a home by tying it to its place most suitably, that is by means of shrubs. A number of little drawings give fine support to its teachings. More might well have been put in about spacing and about various purposes should be sufficient for all who might need a book like this, if they should supplement it with the catalogs of reliable nursery firms.
Serving Poland Water is consistent with the cultured hostess’ policy of serving only the world’s choicest and best

Almost everybody hesitates between those heavenly coheres and the salted, sleek, cream-colored almonds, Shelled filberts, pecans, walnuts and Brazilian nuts are also among those present... and if you must shell a pistachio, they’re there for you.

Some Are Salted and Some Aren’t

This good looking sampler is perfectly nice to have fine guests to nibble on between cocktails, before dinner is announced... it’s just perfect within reach at bridge; and at buffet suppers or afternoon teas, it’s not only ornamental, but tremendously popular.

EXQUISITE OLIVES

You probably have pictured, in your imagination, the ideal olive as large, meaty, juicy—oh so tasty! So have we. And what’s more, we have found an olive with all these perfections... actually on sale.

These mammoth green olives are packed in a full quart jar—such olives a prize winter for size through a twin to its neighbor. Their gorgeous color is heightened by crystal-clear brine; their military arrangement in gnomonistic ranks is an additional artistic triumph.

Honey Delicieux

It is quite natural that French honey would be choice. The same flowers which yield the exquisite fragrance of French perfumes also yield their sweetness for a de luxe honey.

French honey is delicate in flavor and texture, with a consistency of whipped cream and a richness that melts in your mouth and is easily assimilated.

This delicacy is packed adjacent to the gorgeous gardens of the Riviera—in very attractive pound jars, priced at one dollar, Let House & Garden ship you one.

THE GOOD-HEET TWINRS—Mouquins Vermouth and English Dry! They work well together, those two. Just try them.

Special introductory offer: send your dealer’s name and $2.50 for 1 quart each of English Dry and French or Italian Vermouth, to be delivered through your dealer.

Mouquin, Inc.

658 West Broadway
New York

Mouquin

Vermouth English Dry

Illustrating these oils' actual yield of 4 1/2 inches around the waist

Honey

Delicieux

These big fellows, with celery and radishes, appear on certain dinner tables as appetizing expectorations. They also grace many innumerable banquet tables. But their greatest enthusiasts eat them without waiting for custom or occasion to dictate.

House & Garden will send you a quart jar of these ideal olive (express collect) on receipt of $1.60. 2 such jars will be shipped on receipt of $3.00.

A Special Shade of Richness—Many Coffees Blended

65c by Mail

If you send your local dealer’s name
If you do not obtain Tiger Gruyère Cheese locally, we will mail six individual portions (each in tin foil) and our book of cheese recipes for 65 cents and your dealer’s name and address?

Even the grasses are scented in the centuries-old Emmental Valley of Switzerland from which comes the celebrated Tiger Gruyère Cheese. Sun drenched pastures on hill Louisian mountain slopes and hearty Swiss cattle contribute to the fancy flavor and digestive value of this cheese—the first gryre in Europe’s elegant menus. No rind. Supplied by delicatessen, dairy and grocery shops. Or send, as directed above, to

House & Garden

5½ West Broadway
New York

Look for the Tiger

Emmental—Gruyère Cheese

Illustrating these oils' actual yield of 4 1/2 inches around the waist

806 West Broadway

New York

Odd for the last drop
decorators sponsor — and
Crex present the
the "modernistic" in rugs
summer — and the decorating urge are here again! and with them the new Crex rugs — daring in design — bold in color — modernistic in feeling!

they belong to summer — the season of gayety and freedom from restraint — and they fit the country house picture like pen and ink.

spread one of the new Crex ultra or al fresco designs on your terrace and just watch your awnings, your cushions — and designs on your terrace and just

and ink.

they fit the country house picture like pen and ink.

daring in design — bold in color — modernistic in feeling!

we want to "go easy on the water." We managed to get through the few remaining weeks of my holiday, but I decided that before residing on the farm another season, I must put in an adequate water supply, necessary bathrooms, and what moderns have come to regard as the essential comforts of life.

A WATER SYSTEM

No one seemed to have any suggestions to make, but there before me was the Lake. It was at quite a distance, but I knew that if I were willing to spend the money I could install a system which would establish a water connection and relieve me of all further anxiety.

A sum of three thousand dollars, the thought became the father of the child. An engine, a tank and a crawling line of pipe worked the miracle.

Whatever else might be dry in Maine, it should not be Lakeishe Fawn, and that last summer I lived in the proud consciousness that the use of water need never be checked.

There was no district service of electricity, but frankly I have never missed either this or gas. We use the old-fashioned oil lamps, and electric illumination is operated with dry batteries, and thus get along nicely. The only struggle has been to prevent the introduction of some artificial lightings, and because there is never any dearth of itinerant agents, all of whom are persuasive orators. It requires an amazing strength of mind to prevent being sold something every hour of the day when one lives up on a country highway.

With the increasing supply there are increasing imaginary needs, and it is extraordinary how many things we are coaxed into believing will materially add to our comfort and peace of mind.

Until one resides on a farm one cannot know what the mail will bring forth. I remember that years ago, when I lived with my grandfather on Long Island, all of the residents in our neighborhood received from the Post Office a very authoritative advertisement as to a discovery for the extermination of the potato bug. For the modest sum of fifty cents this remedy would be forthcoming. The inventor lived in the Far West where the Colorado beetle was the pest of every farmer. His circular spoke in glowing terms of the marvelous results in that locality. Surely he must be reliable!

the premises. The toilets were equally inadequate. I was assured by my neighbors that as there were three wells, there would never be any dearth of water.

Obsessed as I was by that metropolitan fear of germs, the first thing I did was to have the water analyzed by the State Bureau of Health. A clean bill was given to one well. One was passed with reservations, and the third was entirely condemned. This latter I filled in at once.

Thus we were practically at the mercy of one well. We went along satisfactorily until August, when, owing to a protracted dry spell, we were forced to "go easy on the water." We managed to get through the few remaining weeks of my holiday, but I decided that before residing on the farm another season, I must put in an adequate water supply, necessary bathrooms, and what moderns have come to regard as the essential comforts of life.

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Until one resides on a farm one cannot know what the mail will bring forth. I remember that years ago, when I lived with my grandfather on Long Island, all of the residents in our neighborhood received from the Post Office a very authoritative advertisement as to a discovery for the extermination of the potato bug. For the modest sum of fifty cents this remedy would be forthcoming. The inventor lived in the Far West where the Colorado beetle was the pest of every farmer. His circular spoke in glowing terms of the marvelous results in that locality. Surely he must be reliable!

My grandfather was one of the cabbages. After having sent the price of this discovery, we waited impatiently for days. However, in due course of time, a small square packet arrived bearing an outside label which indicated that at last the precious cure had arrived. I can see my grandfather now as he tore off the brown paper, his eyes sparkling with excitement. Therein he found two flat blocks of pine wood. On one he read the words: "Put the bug on this block." On the other: "Strike the bug with this."

For the first time, I heard an upright and God-fearing Quaker swear an awful oath.

Perhaps I inherited a dread of raising anything which involved the danger of attack from bugs, insects, blight and the like.

Labor is expensive everywhere, so I determined to cut this down to the last penny, and only to surround myself with sweet perfumes and beauty. I decided that all of my extravagance would be centered upon flowers, vines and shrubs. I would have perennials and Roses, climbing vines and brush. I would encourage hummingbirds and become a connoisseur in Dahlias and Phlox. Annuals would be grown profusely. Nursery catalogs became my daily reading. Every colored plate therein stimulated my imagination; so I converted all the ground which surrounded my house into a veritable expanse of flowers. Vines, Petunias, Canas, Begonias provided a wealth and variety of color. My heart swelled with pride when the motorists would stop to look in and admire.

I ploughed up the Sorgrass and soon had stretches of velvet lawn. As for the house itself, I added only one ten-foot wing on the ground floor, so I set in a few dormer windows, but just here a word of caution. It is the greatest mistake to accentuate such windows by framing them in white. Mine were shingled, the same tone as the roof itself. Thus they compose well with the rest of the house and one does not feel them to be exuberance.

FOR A VISTA

Before the house, when I bought the place, was a mammoth barn which had been the show barn of the district. It proceeded in completely shutting off the house from any possible view of the Lake. Literally we were screened in. I sat during the early weeks of my occupation striving to find some way to prevent being sold something every hour of the day when one lives up on a country highway.

With the increasing supply there are increasing imaginary needs, and it is extraordinary how many things we are coaxed into believing will materially add to our comfort and peace of mind.

Until one resides on a farm one cannot know what the mail will bring forth. I remember that years ago, when I lived with my grandfather on Long Island, all of the residents in our neighborhood received from the Post Office a very authoritative advertisement as to a discovery for the extermination of the Potato bug. For the modest sum of fifty cents this remedy would be forthcoming. The inventor lived in the Far West where the Colorado beetle was the pest of every farmer. His circular spoke in glowing terms of the marvelous results in that locality. Surely he must be reliable!
Full Security
against winds by day
and prowlers by night

A casement controlled by a Win-Dor Series 25 Operator
is automatically locked in position! Perfectly secure! Thus
you can provide for ample ventilation, yet be sure that
nothing will alter the casement-opening in your absence.
Works through inside screens so that you can control the
casement easily without opening the screen, letting in flies,
or soiling your hangings. Handsome in design; beautifully
finished to match other hardware or the woodwork; very
inexpensive to install on either new or old casements; fits
all wood or steel sash. Endorsed and used by leading archi­
tects. Full particulars and names of nearby dealers on
request. Without any obligation, write for literature.

Massasoit was built early in the seven­
ten hundreds for the Firehoffs of
Virginia. Tradition has it that its mural
decorations were painted by a befriended
Hessian prisoner. The hardware on its
well-preserved door is of brass.
The Metropolitan's exhibitions of
Colonial interiors are treasure mines
for those who build in the American
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correct hardware in solid brass or bronze
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similar to Early American originals.
This hardware by Sargent is exactly
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It will outlast generations of users.
A helpful booklet is “Hardware for
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The rich brown-red tones of the Marmion
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heavy, brass rim lock. On the outside, a
small knob and bright keyplate. Designs
similar to these are manufactured by
Sargent in present-day New England.

This plain brass knob and keyplate is
similar to that on the Marmion door.
Ask for knob No. 1602 and keyplate
711. Sargent makes a brass rim lock,
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The door knob of cut glass and the
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Brass HARDWARE
in the American
Tradition

For Colonial doorways like those in the
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CASMENT HARDWARE
The Casement Hardware Co.
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Radiators no longer loom up as obstacles in planning spacious, attractive interiors. Today in thousands of homes Trane Concealed Heaters provide even greater comfort than radiators, with the same heating system. Yet nothing is in sight except the inconspicuous damper grille.

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THE TRANE COMPANY (Est. 1881)
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"Blest with that charm, the certainty to please."—ROGERS

PICTURE to yourself how charming such lovely pottery would be in your home! What an effective setting for flowers and foliage? Perhaps just the thing you need for that odd corner or table.

That is the function of Roseville Pottery—to bring exquisite beauty to the home. And you will adore these new Roseville designs. There is a happy decorative distinction in their delightful color tones and captivating shapes.

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"Pottery" is the title of a delightfully illustrated twenty-four page booklet which will be sent gladly upon request.

THE ROSEVILLE POTTERY CO., Zanesville, Ohio

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Exchange the cozy winter decorations for Lesher Mohairs, in colors restful, refreshing—in designs that suggest the gay birds, bright flowers and green leaves of the open spaces—

You will be delighted with the frequent attention these unique fabrics attract, and the little care they require. They are woven by the Goodall Worsted Company, of Sanford, Maine—and no other fabrics are so well suited to spring and summer decorations. The very yarn and weave of Lesher Mohairs cause them to be soil-proof. Neither sun nor tub dims their fast colors. A special process (unknown to other fabrics) causes dust to slide from their soft, silken surface. The shimmering gauzes, the dust-proof slip-cover fabrics—all are remarkable for a sturdy endurance that pledges many years of satisfactory service—and a beauty unique. In their many weaves are designs and textures, admirably suited to every decorative demand of the town or country home. In their surprising variety are harmonious blends for draperies, slip-covers, bedspreads, upholsteries and wall hangings.

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An interesting little brochure written by a well-known authority on interior decoration will be sent you free on request. It describes Lesher Mohairs in full detail and brings you a world of helpful information concerning the Home Beautiful. Write for it.

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THE Rolscreen is outstanding as a modern building development that is far advanced. It stands supreme in its combination of convenient features, an almost invisible effect, unobtrusive structural lines and a sturdy strength that will give a lifetime of service.

The nuisance of storing and rehanging screens is forever eliminated with Rolscreens.

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The almost instant demand for Rolscreens by architects and builders throughout the world proves how completely these finer window screens fill the modern need.

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Pyrofax is actual gas, derived from natural gas. Not gasoline or carbide. Real gas! Pyrofax is delivered in steel containers, ready for use, through a highly organized nation-wide chain of hundreds of conveniently located service stations. It is as convenient to use as city gas.

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30 E. 42nd Street, New York

THE VERSATILE ORCHID CLAN

(Continued from page 164)

King of the Orchid world is Cattleya, a small genus of probably less than fifty species, mostly natives of Central America south to Brazil. All have large and brightly colored flowers, the lip of which possesses much character, being often fringed and intensely colored. The familiar C. labiata is one of the finest of all species and very amenable under cultivation. It is a native of Brazil that flowers in October and November. It and its numerous forms are among the most common Orchids grown and need neither description nor praise. Another grand species is C. Warneckii whose large flowers with white flushed with purple sepals and rich crimson lip are produced during the winter months.

The Costa Rican C. Doreiana is recognized as one of the very finest of all Cattleyas. It has foot-long, furrowed, club-shaped, one-leaved pseudo-bulbs and bears a spike of five to six flowers. The sepals and petals are bright buff-colored suffused with crimson and the lip dark velvety crimson streaked with golden yellow. The variety aurea has primrose-yellow sepals and petals and also is a native of Colombia.

Orchid enthusiasts will recall dozens of others, but this sketch of Cattleya must end with mention of the remarkable C. citrina from southern Mexico. This has bright yellow, fragrant flowers produced from between a pair of (Continued on page 172)
Your Perfect Servant

Here she is at last! When this Perfect Servant comes into your kitchen, drudgery flies out the window. She will help you to better housekeeping, and give you the time and strength to be a better home-maker.

In cooking and baking, this Maid will do virtually everything, electrically, better and quicker than you can do it by hand. She is never tired and never lets you get tired. She will improve the quality of your foods and make them more wholesome.

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**REVERE CLOCK CO.**

Cincinnati, Ohio

Available also without chime and strike features.

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**THE VERSATILE ORCHID CLAN**

(Continued from page 170)

Gray leaves which top the small, egg-shaped pseudo-bulbs. The leaves and flowers both hang down, contrary to the usual manner of plant growth.

The mention of Cattleya immediately conjures up Laelia, a smaller group, native of the hotter parts of Mexico, Guatemala and Brazil. The first Laelia that demands notice is the Brazilian *L. portorica*, whose magnificent flowers are among the finest of all American Orchids. The sepals are recurved and spreading and with the broad petals are pure white; the lip is rich crimson, sometimes tipped with white passing to rose-color at the base and yellow within the throat. Very different in habit is the Mexican *L. acuta* with clusters of from three to six flowers at the end of a long, slender but rigid stem. The flower is about six inches across with purple to rosy lilac sepalas and petals and a crimson lip marked with yellow toward the base. As is the ease with other species there are lovely albino forms of this charming Orchid.

**FROM MEXICO**

A truly superb Orchid is *L. superba*, a vigorous species with a flowerscape from three to nine feet long produced in winter and bearing sometimes as many as twenty flowers. The sepals and petals are deep rose-color, paler toward the base, the lip crimson in front and yellowish on the sides. This is a Mexican plant and so, too, is the dwarf *L. maxilliflora* whose flowers are from seven to eight inches across with rosy lilac sepalas and petals and a three-lobed lip, purplish marked with white. It flowers from the young growths during the summer months. The whole plant itself is only a few inches high and the relative size of its flowers is in consequence most surprising.

There are other fine species of Laelia and the crossing of this genus with that of Cattleya has produced the bigeneric Laelia-Cattleyas in all their astonishing variety and beauty.

On the Organ Mountains in Brazil grow some half-dozen species of Sophronites, a genus of diminutive plants with large flowers that has been of immense service to the Orchid breeders. Crowned with Cattleya and Laelia it has given rise to some glorious hybrids. The finest species is *S. grandiflora* with one-leaved pseudo-bulbs and flowers three inches across. The sepals and petals vary from cinnamon to dark scarlet, and the lip, which has pointed and incurved side, is yellow streaked with bright red.

Another great favorite which has been crossed with the above three genera much to the advantage of the Orchid lover is *Brassavola*. One of the handsomest and most used species is *B. Dieliana* from Honduras. This has Cattleya-like flowers with the edge of the lip broken up into long hair-like fringes, which has been transmitted to its hybrid progeny. The sepals are greenish-white tinted with purple and the lip cream-color stained with purple at the tip.

From Brazil came Oncidium *cripsum* with large and remarkably handsome flowers borne some fifty or so together in a panicle. The blossom is from two to three inches across, greenish-brown to reddish-brown with yellow stripes, and the parts are beautifully crisped. This Orchid seems to have no set flowering period and is in bloom at different times throughout the year. There are scores of other species but *O. papillos*, the Butterfly Orchid, must not be forgotten in the breed of lists. This species withsingularly attractive flowers is native to Trinidad and Venezuela and has dark, flattened pseudo-bulbs each capped by a single purple-brown, leathery leaf. The flowers which arise from the base of the plant are slender, erect, about two feet tall and continue to bear through a long season after flower, though seldom is more than one open at the same time. The back sepals and the two petals are each about three inches long, linear and erect, dark green without, purple within; the lateral sepals are oblong, tapering, wavy and arched downward, bright yellow with transverse bands of orange-red. The lip is roundish, about one-and-a-half inches across, yellow marked all over with brown and waved along the edge. Its common name well describes the appearance of the flower.

A favorite genus with curiously blotched flowers is *Odontoglossum*, of which about one hundred species are known from the high mountains of Mexico south to those of Peru. They require cool conditions and are not easy to grow at sea-level under our hot summer sun. The hybridist has been very successful with this genus and the outcome of his work is seen in hundreds of named sorts many of which have flowers of extraordinary coloring. Queen of the genus and one of the most useful of all Orchids is the Colombian *O. crispum* of which there are many forms. The flowers are fragrant and are borne in arching, sometimes panicled racemes and vary from white to yellow and pink; some of the forms are wondrously spotted and marked with chocolate-brown, purple and yellow. A mass at various seasons of the year but mostly freely from February to April.

**OF VARIOUS COLORS**

Native of the same region is the sister species *O. Psittacae*, also a great favorite, likewise *O. Harryae*, whose flowers are very different in appearance since the petals curve sharply downward. The sepals and petals are chestnut-brown, barred and variegated with white; the lip is white and yellow heavily feathered with bluish purple. A very showy species is the *Guatemalan O. gramine* which has gaily colored flowers, yellow barred with chestnut-brown, each from five to seven inches across, with rounded lip, white with a few concentric bands of chestnut-red.

Millonias with relatively huge, flat, Pansy-like flowers with lobed lip are greatly appreciated wherever Orchids are grown. The latter is a small one of about a dozen species found from Costa Rica south to Brazil. One of the very finest is *M. grandiflora*.

(Continued on page 174)

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Revere Clock Company

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Please send me complete information about the electric Revere-Telechron Chime and Strike clocks which will give me correct time from my electric light current.
10¢
Brings back the beauty of your favorite piece of furniture

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662 N. Michigan Ave., at Erie St.
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528 Madison Ave., at 54th St.

THE VERSATILE ORCHID CLAN

(Continued from page 172)

...after the leaf growth is finished, arise flower stems each from one to two-and-a-half feet tall. The lateral petals are narrow tail-like, from two to two-and-a-half feet long and pendant, and give the flower an overly attractive appearance. The color is yellowish marked with brown. Similar but with smaller flowers is C. grande.

I shall long remember the pleasure I felt on first beholding in a wild state the well-known Coelogyne cristata. It was in the forests of Sikkim above the Teesta River when like the hungry bees swarmed on all sides. The plants grew on moss-clad rocks and at an elevation where snow lay during the winter months.

The first wild epiphytic Orchids I saw in any quantity were Dendrobium chrysanthum and D. chrysanthum in the forests of Yunnan, Dendrobium is a large and popular genus in gardens and its members are found in great plenty from north Australia throughout the Malay Archipelego and north to Japan, on the mainland it abounds in Indo-Burmah, Assam and south China. The most northern species is the peculiar D. moniliforme which is abundant on the mighty Cryptomerias planted as an avenue to the shrines of Nikko. One of the most popular of all is D. nobile which is common and widespread in western China south to Burma and for centuries has been a favorite medicine among the Chinese.

From Burma came the splendid D. chrysanthum with its large, broad racemes of flowers with rich yellow lip and white sepals and petals. D. fassioneum with its broad, pure white flowers, the lip blotched with yellow, bals from Indo-Burmah and D. Phalaenopsis with its racemose spikes of finely colored Phalaenopsis-like flowers from north Australia. The fine D. Dalhosteinum with its tinted gray sepals and petals and velvety crimson fringed lip is Indian, and D. Beyeriana with scented, deep yellow flowers and remarkably fringed lip is native of Burma. A number of handsome species are natives of New Guinea, one of the best being D. atrovillicolum with its prince-yellow spotted with dusky brown petals and petals, and the lip deep violet-purple with a few paler radiating lines near the margin; the outside of the lip is green with a large, irregular, dark violet blotch on either side.

A HYBRID

A genus of Orchids which in recent years has been enormously developed by the hybridist is Cymbidium, the Boat Orchid. Some of the species are truly terrestrial, some grow on the tops of rocks and others are true epiphytes growing usually in the forks of trees. One of the oldest and finest species is C. Loddigeanum with its broad, usually arching and bearded, lateral petals often marked with eye-like spots, and the flowers are more or less dark colored.

The tropical American Cypripediums have remarkable flowers but none more so than the noble C. candidum of Peru. This has tufted leaves and from the center of the plant,
Save time, energy and money—don’t market every day

The General Electric Refrigerator is unusually roomy and it keeps all food healthfully fresh

It’s such a relief not to have to go to market every day. Two or three times a week will do the job—with energy and time and money saved—if you have a General Electric Refrigerator.

For even the smallest model is so designed that it can hold a generous store of foods—several days’ supply for the average family. And its temperature is just right to keep meats wholesome, milk sweet, salads crispy.

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Furniture, rug and department stores everywhere sell and recommend Ozite. Ask for it for your old rugs as well as new. Write for free booklet.
SUB-ALPINE PLANTS

(Continued from page 178)

The mountain regions of Colorado and Wyoming are divided climatically and quite definitely into five zones, and the dominant flora in each zone differs materially from that of any other. It is not unusual, however, for certain plants of one zone to wander beyond its limits, usually along areas where the conditions continue to their liking. In the highest zone, between timberline and snowline, at altitudes from about 10,000 to 13,000 feet, the true Alpines grow. From timberline down to about 9,000 feet the Sub-alpines make their home. Then come the Mid-mountains between 9,000 and 7,000 feet, the flowers of the lower crevices and foothills between 7,000 and 5,500 feet, and finally the flowers of the plains to be found at altitudes below 5,000 feet.

Articles describing the Alpines, their beauty, adaptability and cultural needs, appeared in the March and April issues of House & Garden. This article is devoted to Sub-alpines.

Timberline marks the limit of upright tree-growth and is the upper boundary of the Sub-alpine zone. It does not keep at the same level continuously, but frequently wanders up sheltered ravines as high as 11,500 feet where the exposure is southern, and in other places follows barn, wind-swept slopes and ridges as far down as 9,000 feet. Above timberline trees are widely scattered and dwarfed to distorted or prostate creeping caricature at 12,000 feet and below it they appear more frequently, begin to stand erect and continue to increase in number, height and vigor of growth, until a thousand feet or so lower down they attain normal size and form immense forests that clothe the mountain sides with verdure and surround every glacial lake and upland meadow with almost impenetrable barriers of really majestic proportions.

The Evergreens

The majority of the mountain trees are cone-bearing evergreens—Pines, Spruces, Firs, and Junipers. The most abundant deciduous trees are Poplars, Oaks and Willows. Under these trees the soil is dark in color, of loose, open texture and rich in plant food, as it is composed of decayed foliage, twigs and bark from the over-arching trees mingled with a liberal proportion of granite sand. Its reaction is acid in varying degrees but generally pronounced. In the valleys and basins of this zone are numerous lakes and upland bogs supplied with water by myriads of tumbling streams of every conceivable size that meander through the forests and rush down the gullies and tributary ravines. These watercourses supply their source in glaciers or melting snowdrifts far above. After hard rains all of them, even the tiniest trickles, are transformed temporarily into raging torrents.

The climate of the Sub-alpine region is so much milder than the Alpine that there is some semblance of Spring, and the growing season is several weeks longer in autumn. While on the dry, stony slopes and hills tops many plants still make close, thin, spreading mats that cling to the surface, in moist protected areas and in the shade of woodlands the tendency is to develop erect flowering stems and luxuriant foliage, and the root systems are branching, with numerous fibrous feeding rootlets. In winter, plants of the woods, valleys and swamps are buried for six or seven months under a snow blanket several feet in thickness.

Under such comparatively favorable conditions and surroundings as these, the Sub-alpine flora, except on exposed and treeless slopes and in the higher mountains, naturally contains a greater number of species and a wider diversity of form than the Alpine flora. It also shows greater susceptibility to differing soil reactions, exposures and degrees of moisture. The flowers, however, keep up to the Alpine standard in quantity, size and brilliancy of color.

AN INTERESTING TRACT

During visits of several days each in typical localities I was enabled to study the nature and behavior of the Sub-alpines in nearly every sort of situation they frequent. The most interesting tract explored lies a mile or two below the base of Long's Peak. It includes a dense and extensive Forest of Spruce, Lodgepole Pine and Alpines, with occasional clearings; numerous shaded ravines of varying depth; a dry sunny field that has never known the plow; and a delightful glacial lake, covering several acres. Along the western shore of the lake is a wide Alder-grown peat bog that becomes a moist grassy meadow at slightly higher ground. On the east, a sandy, arid rock-strewn slope rises gradually from the water's edge to the foot of a sheer mountain peak of naked granite, a sheer granite face.

The forest is pilled with huge boulders and decaying logs among which a score of tiny steamlets flow downward from as many in-cleft boulders and springs. Every ravine has a boisterous brook at the bottom. The dainty Twinflower (Lisianthus barbatus) covers the drier parts of the forest floor, except where occasional patches of Groundpine (Lycopodium annotinum) have become established. In the moist spots near the springs and algae cover the brooklets the Rocky Mountain Columbine (Aquilegia caerulea) has taken possession, reaching a height I have never seen equalled elsewhere; and every half mile as the time of my visit was crowned with huge blue or white blossoms—some of them four inches across by actual measurement.

The dry field mentioned is carpeted in midsummer with glowing

(Continued on page 182)
In Chicago or Bathrơdreh are situated many of Rนางstn's most beautiful girls.
These men depend for their living on brave, lasting ethics.

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**Endorsed by Famous Beauty** Dorothy Knapp, star of Earl Carroll’s “Vanities,” and proclaimed the “most beautiful girl in the world,” uses the Health Builder daily. She says, “I unhesitatingly recommend the Health Builder to everyone that is interested in keeping radiantly healthy and in retaining a beautiful figure.”

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**with a Long, Dependable Ancestry**

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E VERY family can now afford the pleasure and convenience of Chris-Craft ownership. Standardization and volume production have brought the price of an eight-passenger, 30 mile-an-hour, All-Mahogany Chris-Craft as low as $1095.

Fifty-two years of experience in fine boat building, including the creation of ten consecutive Gold Cup winners, is reflected in the design of every Chris-Craft. For forty-two years of experience in fine boat building, ranging in price up to $9750. Each a beautiful example of the boat builder's art—staunchly made, generously equipped for Chris-Craft ownership. Standardization and volume production have brought the price of an eight-passenger, 30 mile-an-hour, All-Mahogany Chris-Craft as low as $1095.

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Attractive sports suit of navy blue jersey, the blouse embroidered all over with white polka dots. An unusual embroidered design finishes the lower edge of blouse and cuffs. The skirt is developed in plain blue jersey with inserts on either side of front, giving the effect of kilt pleats. Sizes 36 to 42 . . . Price $125.00

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New—Artistic—Beautiful

The most beautiful effects in home decoration can be obtained with these new scroll design awnings now in vogue from coast to coast. Entirely distinctive and different! Swanfeldt Awnings enhance the charm and individuality of the finest homes. Harmonious patterns for all types of architecture.

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A Painted Metal Shade reflecting the light from what appears to be an old Whale Horse, er, thus adding a picturesque note to the Library setting.

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Vudor Shades transform your sunny porch into a cool, shady place where you can enjoy indoor privacy with out-of-door comfort. Here the family may read, rest, sleep and entertain in refreshing freedom from summer's torrid heat. VUDOR makes home more attractive—both inside and out. Their cost is moderate. Write for color folder and name of local dealer.

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The Only Shade Made with a Ventilator

The beautifully and permanently stained wood strips keep out the sun's glare and heat. The exclusive woven-in ventilator insures perfect air circulation.
Attention please!

Perhaps the cigarette you smoke is too strong!

Then try Johnnie Walkers.

Unexcelled mildness is in them.

And—full tobacco fragrance.

For they’re made of the tenderest portions of choice tobaccos.

No stems, no bitter ends, no grit.

They cost a little more, it’s true.

And are worth it, for such mildness—yet such exquisite taste.

Try them—they are mild.

SUB-ALPINE PLANTS

(Continued from page 182)

bells, 1-4 feet. A superb upstading plant with numerous clusters of drooping bright blue blossoms and handsome persistent foliage. Present a fine appearance throughout the growing season.

Penstemon humilis, The Canon Penstemon, 4-12 inches. A particularly bright blue species of neat, compact habit bearing flowers in unusual profusion. This flower grows on stony slopes and in rocky ravines and is ideal for growing in rock gardens.

Primula parryi, Parry’s Primrose, 4-12 inches. A very handsome but somewhat ill-scented Primrose, bearing spikes of rich crimson yellow-eyed blossoms that rise from among long, lance-shaped leaves. Grows in rich acid peat along Sub-alpine brooks.

Saxifraga auromontana, Boulder Saxifrage, 3-6 inches. It is not unusual for a cultivar to produce seventy-five or more blossoms on slender stems rising from a densely crowded tuft of leaves. The flowers are white freely spotted with orange and purple dots. A perfect gem for use in the high places of a rock garden.

Sedum stenopetalum, Golden Stonecrop, 2-3 inches. Makes spreading tufts on stony slopes and ridges everywhere throughout the mountains below timberline, but is of better habit and brighter color in the Sub-alpine zone. The flowers are bright yellow stars that contrast beautifully with the grayish, fleshy foliage.

Seneio fendleri, Fendler’s Groundsel, 4-20 inches. A very charming sort of Groundsel with slender stems rising from a rosette of form-like leaves and terminating in showy flat clusters of brilliant, golden-yellow, Daisy-like blossoms.

Trollius albus, White Globe-flower, 4-8 inches. Leaves deeply cut and toothed like those of the Eastern Swamp Buttercup. The blossoms resemble Marsh-marigold flowers white on long stems and fragrant.

In the rock garden, Sub-alpine conditions may be imitated sufficiently if the plants are located where they will not be buffeted by strong winds and where the soil can be kept relatively cool and moist at all times. It should contain a larger proportion of acid humus and not as much sand as the true Alpines require.

Sub-alpine plants should be heavily mulched during winter. Oak leaves are best for the purpose and they should make a covering at least four inches in thickness except in sections where a heavy snowfall is usual.

THE VERSATILE ORCHID CLAN

(Continued from page 174)

and banded with rose-red in the latter.

These have proved of great service to the hybridist who, by crossing them with some of the older sorts which have spreading, many-flowered racemes, has evolved a race of useful plants of wondrous beauty whose flowers will last for from six weeks to two months.

No Orchids in blossom are more beautiful than the Phalaenopsis or Moth Orchids of which one of the best is the white-flowered P. aphrodite, native of the Philippines. Very lovely, too, is P. Schilleriana with rose-pink blossoms. The oldest known is P. amabilis which grows in Java, Borneo and other islands and has large, handsome flowers. All the Phalaenopsis have lovely flowers and in many species the strap-shaped leaves are reddish below and quite prettily mottled on the upper side.

Another fine genus is Vanda with large fragrant flowers of many hues. Perhaps the most exquisite of all is V. coerulea with large flowers of soft light blue tinged with azure blue. This is one of the gems of the Orchid world and captivates all who see it.

The well-known V. suicis and V. tricolor are natives of Java and both have axillary racemes of thick fleshy flowers with a strong spicy odor. In V. suicis the flowers are white spotted with red-purple and the basal half of the lip is deep purple. The flowers of V. tricolor are similarly spotted on a yellow ground. From the Moluccas came V. vanillae with tawny yellow flowers spotted with dark brown and bright rose-purple lip. A Philippine species is V. Sanderiana with handsome flattened flowers, white flushed with half yellow and reticulated with dull crimson.

Africa is remarkably poor in Orchids and there are very few with showy flowers from that vast continent. There are a number of terrestrial species especially in the extreme south and the most remarkable of all, Disa sincipia, is peculiar to Table Mountain. Of showy epiphytic species the finest hails from Madagascar whence came the handsome Wax Orchid (A. spectabilis), one of the most wonderful of Orchids. This species has strap-shaped leaves and in habit resembles certain species of Vanda. The flowers, two to several on a raceme, are star-shape, each from six to nine inches across, waxy in texture and pure white, the base of the labellum is projected into an enormous hollow spur from twelve to fourteen inches in length at the bottom of which honey is secreted. Indigenous in the same island is a moth with a tongue sufficiently long to suck the nectar from the bottom of this spur, and this is the only insect that can possibly effect the fertilization of the flowers!
SCREEN NOW
With "PEARL" Cloth

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.

The Gilbert & Bennett Mfg. Company
New York, Brooklyn, Conn., Chicago, Kansas City

How To Turn
Your Heating Hunches
Into Fuel Thrift

Solid facts are mighty comfortable things to have handy, when you decide it's time to really "do" something about that overgrown fuel bill. Just a hunch of what to do, won't help. But making your hunch hump itself, will.

"Letters To and Fro" is a 34 page book that points out the simplest, quickest way to go about it.

The letters that play the title role are vivid bits of real life. They tell both sides of the heating story. Especially the saving side. Heat contentment and fuel thrift are hand in hand.

Send for this "Letters To and Fro"

Burnham Boiler Corporation
Irvington, New York

No Garbage Man Calls
on Frank Holton

—because there's no garbage to collect. And what's more, there never will be, for the Kernerator destroys it all without odor and with no more work than the weekly lighting of a notch to the air dried accumulation in the Kernerator basement combustion chamber.

Think what the Kernerator can mean to you, too—no garbage cans to buy, to clean, to walk to in all kinds of weather. No trash pile in basement—the cause of 3 out of 4 residence fires. No garbage wagon on your driveway or story stacks littered over the lawn.

Simple drop all garbage, sweepings, tin cans, papers, boxes, magazines, and broken glassware through the handy hopper door in or near the kitchen. Non-combustibles are flame sterilized for removal with the ashes. No smoke over—no gas, coal or other fuel needed. Selected for Home Owners Institute Model Homes in 30 principal cities.

Write for free booklet "The Sanitary Elimination of Garbage and Household Waste."

KERNER INCINERATOR CO.
725 East Water St., (Offices in 89 cities) Milwaukee, Wis.

Residence models at lowest $15, and the maximum costs but little more when regular chimneys is used.

THE CHIMNEY-SEED INCINERATOR

Garbage and Waste Disposal
without Leaving the Kitchen.

THE CHIMNEY-SEED INCINERATOR

Garbage and Waste Disposal
without Leaving the Kitchen.

THE MANDARIN BRIDGE SET

BREATHE Taking Beauty! A Bridge Set that will really match the beauty of your home Chinese Red, Oriental Green or Black, decorated in rich Oriental colors—a delight to the heart of every hostess. Two insertable ash trays. Set folds into carton, fits any closet. Bentwood, round cornered; upholstered seats; leatherette top.

Louis Rastetter & Sons, Fort Wayne, Ind.

Send folder on Mandarin Bridge Sets and prices.

SOLID KUMFORT
Folding Furniture

Representatives in all principal cities of the United States and Canada
The great COLONIAL verandas of Sweetbriar College

ADORNING the beautiful new buildings of Sweetbriar College are great columned verandas, which lend a stately atmosphere that is distinctly classic and unmistakably Colonial. (Cram & Ferguson, Architects. Clark & Crowe, Associate Architects.)

Nothing so surely emphasizes the unique ability of Hartmann-Sanders designers and craftsmen to truly interpret the Colonial spirit as actual photographs such as these.

Nothing else, moreover, can so vividly portray the superb designing and masterly craftsmanship that goes into every charming Hartmann-Sanders entrance, column or other exterior and interior feature.

Hartmann-Sanders entrances and other products, including famous Koll Lock-Joint Columns, are built to resist the imperfections which usually develop with age. Their original newness remains undimmed throughout the years. Yet they cost but little, if any, more.

Book of model entrances free

Catalog P 53, showing scores of beautiful model entrances, is gladly sent free. Or send 30c for additional catalog of garden equipment. Hartmann-Sanders Co., 2165 Elston Avenue, Chicago. Eastern Office and Showroom: 6 East 29th Street, New York City.

HARTMANN-SANDERS

Pergolas Colonial Entrances Koll
Rose Arbors Garden Equipment Columns

CANDYTUFTS AND OTHERS

(Continued from page 188)

If you want really to test your skill as a gardener, try Andromeda polifolia, a native of China with rose-colored flowers

low-growing plants are required. These come in soft tones of pink and rose, lavender, violet and the more usual white. I once sowed a flight of rough garden steps with seed of the lavender annual Candytuft with a resultant most enchanting effect. But the kind I like best of these annuals is Iberis alorata, the sweet-scented Candytuft, whose white or pale lavender blossoms are honey-scented when the sun lies warm upon a patch or bed of them. It is said to be most fragrant when grown in poor soil.

AN ENGAGING BELLFLOWER—Campanula posylla is one of the smallest and decidedly one of the prettiest of the dwarf Bellflowers. It grows not more than two inches tall, a minute creeping thing whose roots run about freely in open stony soil, sending up tufts of soft green oval leaves until a broad mat is formed, and then, in July, quite obliterating this with masses of small bells, white or of that cool misty blue characteristic of so many of the Campanulas. It is not at all a difficult plant to grow but often proves short-lived. For the reason, I believe, that one of its most important requirements is frequently neglected. Twice a year it should be given a generous top-dressing of loam, leaf mold and sand, in mixture—once just after it has finished blossoming, and again in spring when the winter rains have washed the soil from about the roots. If this small consideration is given it there should be little trouble in keeping this little beauty contented. For the rest, it likes a position where the sun strikes it for not more than half the day, and a free and gritty but nourishing soil. It will cascade torrentially out of a narrow crevice, or creep over a wide ledge in the rock garden, or even fill the joints of stone steps that are not in full sun. But don’t forget the top-dressings or its engaging activities will be brought to an untimely end.

(Continued on page 190)
To accompany this letter, please forward me a copy of your new illustrated booklets, "IMPORTATIONS," as I am enclosing a check for $2.00 for your "CALAIS-DOVER PACKET" which contains:

1 bottle of Nuyens' French Grenadine (25 oz.)
1 bottle Holloway's London Dry (26 oz.)

(Two sizes available, 16 oz. and 23 oz.)

Send this European "Trio" of fancies direct from London.

The name "Caloric" is intended to convey that it's very heating. The famous punch of Scandinavia has been exactly reproduced without alcohol by Messrs. Cederlunds Soner, the original distillers of this celebrated beverage. Adds a delicious flavor (close of resembling Bacardi) to cocktails and mixed drinks.

Send this famous European Trio, the CALAIS-DOVER PACKET (see coupon) will be delivered to your door. Just fill out and mail the coupon below.

Gentlemen: Please send me a copy of your new illustrated booklet, "IMPORTATIONS." I am enclosing my check for $5.50 for your CALAIS-DOVER PACKET, which contains:

1 bottle of Nuyens' French Grenadine (25 oz.)
1 bottle Holloway's London Dry (26 oz.)
1 bot. Cederlunds' Caloric Punch (23 oz.)

Please ship these to me through my nearest dealer.

Name:

Address:

My Grocery's name is ____________________________ (subscriptions sent of Mississippi, 30 cents)

B.B. DORF & CO.
INCORPORATED
247 Park Ave.
New York

A FAMOUS EUROPEAN TRIO

Nuyens' French Grenadine
Holloway's London Dry
Cederlunds' Swedish Punch

These marvelous flavors will recall your many pleasant times when traveling through Europe. Their distinguished labels grace the best appointed buffets and are brought forth under "something special" is sought.

Nuyens, a national favorite, is made in Bordeaux, France. A poem of choice fruit juices for many and diverse uses, exclusively blended according to Nuyens' & Cie's formula used since 1802.

Holloway's London Dry is a distilled product, imported direct from London. Contains all the famous Holloway flavors minus only the alcohol. Also, the well-known "Old Tom" and "Sloe" are especially prepared for the American market under the Holloway label.

The name "Caloric" is intended to convey that it's very heating. The famous punch of Scandinavia has been exactly reproduced without alcohol by Messrs. Cederlunds Soner, the original distillers of this celebrated beverage. Adds a delicious flavor (closely resembling Bacardi) to cocktails and mixed drinks.

Send for this famous European Trio, the CALAIS-DOVER PACKET (see coupon) will be delivered to your door. Just fill out and mail the coupon below.

DECKER'S TOWN CLUB HAM

Produced only from young porkers raised in America's famous corn belt, cured in the slow, painstaking way so vitally essential in the development of full flavor richness and then not sparingly, but for days and days, given a finishing touch of lusciousness with real, green, hickory-wood smoking.

DECKER'S TOWN CLUB HAM possesses a refinement of natural flavor and juiciness that fairly smacks of the country—the true, old-fashioned ham flavor so enthusiastically appreciated and so seldom encountered. It is not a canned cooked ham.

These wonderful hams are served in the exclusive Club, whose membership demands the best, in the finer hotel restaurants where quality nor price is the consideration and are available to you by ordering direct from us. (A few very fine retail stores sell it in the larger cities.)

The price is $2.00 lb. delivered, east of the Rockies. The lb. west, and they weigh from 14 lbs. to 16 lbs.

DECKER'S TOWN CLUB BACON

"... You make the finest ham and bacon that I ever tasted. They have added to the joy of our breakfast festivities . . . You will be the source of our steady supply so long as breakfast is a function in our home"—wrote a customer—an epicure, by the way—last week.

There really isn't much more to be said about our Bacon, is there? It is the same, slow, delicate cure and the same careful long smoking with real green hickory-wood, that sets DECKER'S TOWN CLUB hams apart.

JACOB E. DECKER & SONS
TOWN CLUB HAMS & BACON
Marion City, Ill. in Iowa

We shall cheerfully refund your money if you are not pleased.
"The bathroom? Through this door"

When you show a guest to the bathroom, you are really giving her an index to your standards of cleanliness. She knows, just as you do, that the bathroom is the one room in your home that reflects these standards.

No matter how attractive and modern the bathroom is—unless the toilet seat is spotlessly, immaculately white, your guest cannot help thinking that you are careless... about a matter for which there can be no excuse for carelessness. A worn, out-of-date, dark-colored toilet seat can ruin the appearance of any bathroom.

Anybody can afford this improvement

A new white seat costs only a few dollars. The Church Sani-White Seat can be attached in ten minutes to any bowl, with a pair of pliers. It is detachable; it can be moved whenever you move.

Every Church Sani-White Seat is definitely guaranteed. Its smooth white surface is not a paint, lacquer or enamel. It is a solid covering—it has no joints in which germs and dirt can lodge. It will not chip, wear off, turn color. After years of service, it will remain free from imperfections.

Write for this illustrated, authoritative booklet

"An Easy Way to Make a Bathroom More Attractive," written by Mrs. Mildred Stevens, deals with a question of first importance to every home owner. It contains valuable suggestions for making your bathroom more modern, more convenient. It describes Church Seats.

Mail the coupon for this free booklet and for an actual sample of the Sani-White covering. We want you to test it for dirt and wear resisting qualities yourself.


No matter how many years it has been since your bathroom was built and equipped, there are easy and inexpensive ways of improving it. Mail the coupon for booklet!

CANDYTUFTS AND OTHERS

(Continued from page 188)

Plants of Campanula patula may be bought ready grown, or a careful gardener may raise it from seed. But the seed is very fine and requires care in the sowing, and the tiny seedlings require a nice adjustment of air and light and moisture.

A RARE ANGIOSPERM—The Androsaces are among the most delightful of rock garden plants. Some of them, like A. sarmentosa and its more compact form A. choimbyi, and A. pruinoloides, require no more than a sunny position in well-drained nourishing soil for their complete well-being. But there are others that put our best skill to the test, and among these I think we must place the plant illustrated on page 188, Androsace spinulifera, a species of fairly recent introduction from China. In winter the leaves form a little close gray rosette not unlike that of a Semprevivum, but in spring this unfolds into tufts of longish leaves and there are no runners sent out after the heartily spreading manner of A. sarmentosa and so many others of the race. The flower heads are borne on stems about six inches tall and are soft rose-color. The little blossoms are made bright by yellow centers. The plant pictured is growing in Mr. Lown’s garden. Of it he says that it has proved short-lived with him—its ways suggesting the possibility that it is a biennial. Mr. Farrer does not so characterize it. According to the latter, any open, rich, cool soil suits it, but not a torrid situation. Perhaps our climate is too severe for it, but it would be interesting to hear from any one else in this country who has had experience with this interesting Chinese Alpine.

ANOTHER OF MR. LOWN’S TREASURES—All Pinks are endowed with charm, even the rather untidy and too tall cluster-headed kinds having it in some measure. The plant illustrated above is the result of a cross between two differing species—Dianthus alpinus and D. superbus. It very little resembles either parent, though the fringed blossoms somewhat recall those of D. superbus, and the dwarf stature and the type of foliage might be considered as inherited from D. alpinus. Mr. Lown says it is a more easily grown and steadfast plant than the Alpine Pink, which too often flouts our best efforts in its behalf and dwindles into nothingness before our agonized gaze. And as the other parent, D. superbus, is a biennial, one wonders whose it becomes its reliability. Nearly all Pinks thrive in full sun and in a nourishing but gritty soil.

GAY COLOR—A breadth in the rock (Continued on page 194)
COLORFUL COPELANDS
that harmonize
with your kitchen

New De Luxe models . . . favorites of fashion . . . easily the finest of their kind. Gleaming white porcelain, offset in harmonizing colors of your own selection.

Masterpieces of efficiency, abounding in features such as cathedral-top doors, satin-finish hardware, electric illumination, double-depth dessert drawers, absence of drain pipe, cold-tray for crisping salads, 3 and 4 inches of solid corkboard insulation.

From 5 to 20 cubic feet of food storage space . . . 108 to 378 ice cubes at one freezing. These and other Copelands, some as low as $195 at factory, are described in a beautifully illustrated booklet which will be gladly sent to any one using the attached coupon.

ASK YOUR PLUMBER

Your Plumber will tell you that Alberene laundry tubs are always sanitary and pleasing.

Alberene laundry tubs are natural stone. They are the same all the way through. Their surface is velvet-like in its smoothness. Easy to rinse and dry; non-absorbent; absolutely sanitary; fully guaranteed. The same material exactly as is used in the laboratories of thousands of educational and industrial institutions.

The natural color of Alberene is blue-grey; but you may have Alberene tubs finished in spotless white Duco if you desire.

An interesting booklet tells the story of Alberene Stone and describes these trays in detail. We'll gladly send it to you upon request.

ALBERENE STONE COMPANY
151 West 23d Street
New York

B E F O R E Y O U B U I L D O R R E M O D E L
Get this PLANBOOK of SUCCESSFUL FIREPLACES

It shows exactly how to build beautiful fireplaces that will positively burn without smoking, and give double heat . . . fireplaces guaranteed successful. With Heatilator construction you will know—in advance—that your fireplace will fulfill every ideal.

The Heatilator is a scientifically designed double-wall form, built into the fireplace to assure proper construction by the mason, and to give double heat from the same fuel by saving waste heat. As it is a complete unit, it saves enough in labor and material alone to pay for itself.

Our Planbook gives full details, with many installation photographs. Write for a copy.

HEATILATOR COMPANY
SYRACUSE, N. Y.

Please send a free copy of the new Heatilator Planbook of Modern Fireplaces.

HEATILATOR FIREPLACE UNIT
HEATILATOR CO., 240 Glen Avenue, Colvin Sta., Syracuse, N. Y.

At right: Phantom view of typical installation. Note cold air intakes, double walls, and warm air outlets.

Please send a free copy of the new Heatilator "Planbook of Modern Fireplaces."

Name ...........................................
Address ........................................
Dear Friend,—

"In your living room, you have color; in your bedroom, you have color. Today, there is probably color even in your bathroom. A colored shower sheet, perhaps, colored tiles or tinted walls. And now—voila!—you can have—tinted bathroom paper—SOISETTE Bath Room Tissue, to harmonize with your bathroom color scheme.

"For I have made my Soisette not only in sheer white but in a light blue, a pastel green, a delicate pink, and a lovely orchid. Already hundreds of women have written to tell me how Soisette, tinted with pure vegetable colors, dresses up the appearance of the bathroom.

"For I have made my Soisette not only tinted, it is scented too—scented with a delicate suggestion of eau de vessigine.

"My Soisette, so silky and fine and good, is unlike any other bathroom paper. For it is made from my own French formula. And from France, as you know, come the finest tissues made.

"Yet I have priced it surprisingly low. May I suggest that you also order Soisette by the carton? 4 rolls containing 10,000 sheets—a year's supply—for $2.00 (note please that this is at the rate of only 20c per thousand sheets). Until your local dealer is supplied, you can order my Soisette direct from me. Just specify on coupon the tint you desire, enclose $2.00 in check, money order, stamps or cash, and mail it to me today. I guarantee to refund your money if you are not highly pleased with my Soisette."

Use THIS BOOK IN REMODELING Plans

Do you know how to scale a garden-plan? To assure an all-season blooming? To group flower colors harmoniously? To arrange masses? To time plantings? Get out your pencil and your seed catalogues now, and sit down with House & Garden's Second Book of Gardens to guide you. You'll have a garden with no gaps in it next summer if you follow directions. Sign the little coupon at the bottom of this page now.

In the Second Book of Gardens... landscaping, grouping, furnishing... notable gardens and foreign... plants, vines... so-much-in-favor rock gardens... pools and brooks... trees and shrubs... references and lists... in brief, the most compact and convenient manual of gardening that a garden lover could possibly put in the handiest bookshelf... an assurance of a good luck garden.

And all this for $5—the price of one modest year-old shrub, or a couple of iris roots. Sign the coupon now!

HOUSE & GARDEN'S
Second Book of Gardens
$5, net
224 pages... 650 illustrations

HOUSE & GARDEN, Graybar Bldg., New York City.

For $5.20 inclosed, send me 1 copy of House & Garden's Second Book of Gardens.

For $5.20 inclosed, send me 1 copy of House & Garden's Second Book of Interiors.

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SPECIAL: For $2.50 inclosed, send me 1 copy of ALL THREE.

Name
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Do you want more room? This book will show you how to get it without adding to the size of your house.

Do you need a children's play room? An extra guest room? An attractive maid's room? "More Room in Less Space" will show you how to get them by using Murphy In-a-Dor Beds.

Murphy In-a-Dor Beds make one room give the service of two. They are big, comfortable, lasting beds. They swing out of their closets and lower at the touch of a hand. No special construction is needed. A full size bed swings through a standard three foot door.

There are styles and finishes to fit in with your other furniture. All are shown in color in this free book. Send for it. Don't start building or remodeling until you have read this book. It easily may save you a thousand dollars. Write, today, for it.
THE joyous voice of Spring and Sport and Swift Travel is calling! The purr of the perfectly lubricated engine is telling of Texaco Motor Oil wherever the long roads stretch! . . . Let your engine give you everything its designers intended! Use the pure, full-bodied, heat-resisting lubricant . . . Texaco Motor Oil—clean, clear, golden!

FULL BODY IN ALL GRADES

TEXACO GOLDEN MOTOR OIL

The Texas Company, 17 Battery Place, New York City, Texaco Petroleum Products
And all this at $1395

When you get right down to cases and figure out just how much you have to spend for an automobile, it is indeed a refreshing thing to know that your money—even though it be of a modest amount—can now buy an automobile that is really distinctive in appearance and spectacular in performance—with eight cylinders rather than six.

The "68" is such a car, built for that great and increasing class of purchasers with eight-cylinder standards yet with a six-cylinder budget.

Add up all of the cars—then we believe you will agree that this new Marmon straight-eight at $1395 is the greatest value of 1928.

Prices—$1395 and upward, f. o. b. factory. De Luxe equipment at moderate extra cost. Also—the New Marmon 78—a new straight-eight of 86 horsepower. Choice of six body styles, $1895 and upward, f. o. b. factory.

Marmon Motor Car Company

Indianapolis

Marmon-built motor—a straight-eight of 72 horsepower.

Top Speed—65 to 70 miles per hour. Flashing acceleration.

Economy—uses less gas than any Six of anywhere near its power.

Roominess—a full-sized, full-capacity five-passenger car with room to spare for the market basket, the golf clubs, or the bit of luggage.

Parking—a third easier at least than most cars.

Body Styles—choice of Five-Passenger Sedan; Victoria-Coupe, for four passengers; Two-Passenger Coupe with rumble seat; or Two-Passenger Speedster with rumble seat.

++ Car illustrated with de luxe equipment at moderate additional cost.
For the first time
A genuine TONTINE
washable window shade
for $1.00 { So that you may test
it in your own home }

The modern furniture support
NoMAR
Furniture Rests

NOW—protection at the
spot where furniture
meets floor covering. No ugly
dents to glare at you! No
deep-gouged holes where
furniture has rested!

NoMar's broad base spreads
the weight of furniture—pro-
tects the soft pile of rugs or
carpets, the smooth surface of lino-
leum. Furniture glides smoothly
—without strain or scratch—on
NoMars.

For testing purposes, we will send you a
Tontine shade for any window in your home. This offer is for intro-
ductive purposes. Only one test shade can be sent to a home at this low price.

Send for a test shade today. Prove for
yourself, as thousands of other progressive
American homemakers have, that shades
of du Pont Tontine bring you a new beauty
and usefulness. Tontine shade up again. It's soon dry,
and lays flat across a table. To prove that
it will really wash clean, soil it deliber­
ately if you wish. Then scrub vigorously
with plenty of soap, hot water and a
brush. You'll be amazed to see how
dust and dirt vanish. Then hang your
Tontine shade up again. It's soon dry,
restored to clean, fresh beauty.

For a test shade today. Prove for
yourself, as thousands of other progressive
American homemakers have, that shades
of du Pont Tontine bring you a new beauty
and usefulness.

Why Tontine lasts so long
Du Pont Tontine is impregnated with
pyroxylin, will not crack or pinhole, but
remains smooth and unblemished under
all sorts of conditions.

Today's vogue requires light, chery
colors for window shades . . . pastel tones of
cream or buff . . . lovely at first, but soiled
by brief service. Now, with du Pont
Tontine, these desired light colors are practical.
For here is a shade that can
actually be washed, one which keeps its
fresh, trim beauty season after season, a
lasting shade created for the modern,
colorful home.

But see a Tontine shade yourself, test it
in your own home. See how dust and dirt
wash away, how sturdy its beautiful tex­
ture really is. Then you'll know that
lovely shades, of any color, are possible,
not for a short time, but for years on end.
For testing purposes, we will send you a
Tontine shade, to fit any window in your
home, at the low price of a dollar.

Why Tontine lasts so long
Du Pont Tontine is impregnated with
pyroxylin, will not crack or pinhole, but
remains smooth and unblemished under
all sorts of conditions.

How to test Tontine yourself
Of all the shades in the house, the one at
the bathroom window receives the hard­
est service—so this is the ideal place to
test Tontine. Measure the bathroom win­
dow today, then mail us the coupon and
a dollar.

When the postman delivers your shade,
hang it at the window. Then, after a
short time, make this test: Take it down
and lay flat across a table. To prove that
it will really wash clean, soil it deliber­
ately if you wish. Then scrub vigorously
with plenty of soap, hot water and a
brush. You'll be amazed to see how
dust and dirt vanish. Then hang your
Tontine shade up again. It's soon dry,
restored to clean, fresh beauty.

Send for a test shade today. Prove for
yourself, as thousands of other progressive
American homemakers have, that shades
of du Pont Tontine bring you a new beauty
and usefulness.

Follow these details
Measure width of shade you wish to replace with the Tontine test shade. Measure
width of shade, including metal pins at ends of roller (see diagram below). Measure
also length of shade unrolled. Specify which color is wanted: White, Green,
Ecru or Brown. Fill out coupon fully. Pin $1.00 to coupon.
That's all over now, though. Robras 20-20 Radiators can be put in an interesting book about this modern radiator, or vapor systems. They can't rust or leak. These Robras 20-20 Radiators can be used with steam, hot water or radiation can be installed in a space only four inches deep. They are made of brass and are designed to be concealed. Almost any amount of the window can be installed in a space only four inches deep. Almost any amount of the wall, between the windows, out-of-the-way. These radiators are almost always raised from seed as the proverbial Cress, but require a little more care when planted out. Our extremely hot summers are hard upon them and so I find a situation not in full sun is best for them, with plentiful water in dry weather. The Cowslips enjoy like conditions and are easily raised from seed. There are many varieties of Aubrietia, but where they are to be grown with Cowslips, or other yellow flowers of the spring, the rose and crimson ones should be avoided. Seed of mixed lavender and purple kinds is to be had and there are a number of new large-flowered kinds offered this season. Of these are Aubrey Prichard, Bright Eyes, Celestial and J. S. Baker. Old reliable are Dr. Mules, Hensersoni, Graca, Mrs. Lloyd Edwards.

**ROBRA'S 20-20 RADIATORS**

Your Windows Can Come To The Floor Line

Perhaps you too admire rooms in which the windows come down to the floor line. Sometimes such windows are used as French doors, opening on to a terrace. Sometimes they are just windows letting in long, wide shafts of sunlight.

Whenever you expressed your desire for them, however, you were probably told "you must have radiators in front of some of the windows."

That's all over now, though. Robras 20-20 Radiators can be put in the wall, between the windows, out-of-the-way. There radiators are made of brass and are designed to be concealed. Almost any amount of radiation can be installed in a space only four inches deep.

When installed between the windows, a small grill in the wall facing the room, admits cool air to the radiator where it is rapidly heated and passes out through grilles in the sides of the window recess. These Robras 20-20 Radiators can be used with steam, hot water or vapor systems. They can't rust or leak.

Your name sent on the coupon below will assure your receiving an interesting book about this modern radiator.

---

**CANDYTUFTS AND OTHERS**

(Continued from page 190)

With ROBRA'S 20-20 RADIATORS

The winter species are very desirable: I. tenax, I. longifolia, I. douglasiana, I. purdyi, I. bracteala, I. tenuis, I. gymnast, I. montana, I. missouriens.

A WILD PLANT FOR THE BORDERS—

Many native wildlings shine bravely in our garden borders, but most of them have first passed through the mysteries of the beauty parlor, to say nothing of having taken a course in floral etiquette. Thus we have the Celandine, the Pilox, the Hardy Asters. Their grandmothers would not know them. But here is a plant that may be dug from the roadside at once among the best without fear of bringing shame to the most fastidious. This is Esparmarion ageratoides, the Wild White Ageratum, cousin to many a valiant weed and roadside vagabond, but possessing marked refinement and grace. It is found commonly in rich open woodlands, or roadsides, or along half shaded roadways, so is most happy in partially shaded borders, though it will not refuse to grow in full sun if given a rich and retentive soil. It grows from four to five feet tall and furnishes in the late summer and autumn plumes of pure white flowers delightful for combination in the borders or for cutting.

**SEEING RED—** Many sensitive persons today cannot abide so much as a glint of red in their gardens. It is deemed a bold and vulgar hue certain to shock the life out of the rather pallid color schemes that are the mode of the moment. It is true that what we might call spectrum red is a harsh and unfriendly color, but no more so than the shrill yellow worn by the Sunflower clan. Most so-called red flowers, however, are only a brave and flashing hue, bringing stir and vitality to the garden as does its sister hue, orange, one of the most splendid of flower colors. Here are a few that I would not be without.

**GOOD REDS**

 Cicada japonica, Japanese Quince, Kniphofias (Red Hot Poker Plants), exciting among Michaelmas Daisies of late flowering, and handsome and extremely intriguing, and successes here and there urge us on in our attempt to solve the sum of their necessities when removed from their native haunts. But it cannot be said that we have yet met with conspicuous success. Iris missouriensis (Rocky Mountain region) and I. longifolia do not present the special difficulties to the cultivator, but most of the dwarf species of the Coast States are puzzling to a degree. The species illustrated is Iris tenax from the northern Pacific States. This flourishing clump has grown in my garden from a small bit in the last four years. It lives on a shelf of the rock garden facing due east, entirely shut off from the south and west, but open to the north. The soil is the gritty mixture generally used in my rock garden.

According to Mr. R. Y. Morrison (Farmers' Bulletin No. 146) and Mrs. McKinney (Iris In the Little Garden), I. douglasiana has proved fairly easy to establish in the East. In my own garden a lovely little species I. gymnast, is settling down, and Mr. Lorin has tenax, gymnast and several others looking settled and contented. But we are not quite at rest about them. What is the best time to move them? How much cold will they stand? What soil and exposure do they require? These questions need to be definitely answered. Here is a most alluring field of endeavor for some garden adventurer. It seems established that raising them from seed is the best way to handle them. They germinate readily and by this means damage to the meager root system with which most of them are fitted is avoided. In transplanting full-grown plants received from the West my best success has been with fall planting (October) and laying on a heavy blanket of leaves for the winter. The following species are very desirable: I. tenax, I. longifolia, I. douglasiana, I. purdyi, I. bracteala, I. tenuis, I. gymnast, I. montana, I. missouriensis.
Save labor . . . save litter . . . double insulation, too

Laying Edgewood red cedar shingles right over the old roof is absolutely practical and thousands of homes have been re-roofed this way during the past few years.

This method offers many desirable advantages: no expense tearing off the old roof; no dust or litter; no injury to shrubs or flowers; no interior left exposed to sudden rainstorms; and of greater importance is the double insulation, making your home much warmer in winter and cooler in summer.

Home owners who have used this method write:

"The wonderful results which I have obtained by your method of re-roofing with new cedar wood shingles laid directly over the old wood shingles has made me a very enthusiastic advocate of the double wood shingle roof for dwellings, and I am confident that your idea will prove a great boon to home owners in the future."

"Will say that I am entirely satisfied and very much pleased with the results which you obtained and which gives me a double shingle roof."

"There is a double insulation, expert engineering ability and extra finish in your material, all of which secure a guarantee of lasting quality and honest value."

Edgewood red cedar shingles, cut edge-grain from centuries-old giant cedars, are infinitely superior to ordinary shingles—they combine all the five essentials of good building—appearance, durability, economy, safety and insulation.

Ask your architect, your contractor, or your lumber dealer about Edgewood red cedar shingles. They will tell you why Edgewood shingles are better, and Edgewoods in particular. Fill in coupon now, whether you intend building immediately, or not.
WHEN IS A FARM NOT A FARM?
(Continued from page 166)

my shore front was an actuality and not merely an indication on the surveyor's blueprint.

A part of the seasoned wood which was formerly the barn helped towards the construction of a ten room bungalow and a three car garage, both of which buildings cost me when completed a total of $5,500.

I followed the design of the house, so that the whole is harmonious. The bungalow and the old-fashioned perennial garden which is directly on the side of the house are separated by a wall of Sweet Peas. I have Sweet Lavender beds which perfume the air in summer and the linen closet in winter. The icehouse was taken across the road and now ends my row of low buildings.

I must not forget that I have been thinning out trees in my forest prairie and that I have a simple boathouse on the shore directly beside my bathing beach.

Thus facing my third summer, I have converted this old farm into my dreamland home. It has developed normally and not disastrously so far as the expense is concerned. The total cost will not be much above twenty thousand dollars. It is really luxurious enough despite its simplicity to suit even the exactions of luxurious loving New Yorkers.

It is so pretentious, and the furnishings and fixtures are so plain, that I can literally lock up the place every autumn and be reminded of its existence only in the following spring.

I read my garden catalogs, I receive pamphlets from the Bureau of Agriculture in Washington, I look over thirteen acres of marsh land and think how profitable it would be to convert this strip into a Cranberry bed.

I read quotations in the market giving the high price of Maine Potatoes, I note that the Apple orchards in our county yield better fruit than we can get from the West, I gaze at great patches of field which if ploughed and worked might produce hoy of unusual quality. I think of this with all the pleasure in the world, yet I refrain from allowing myself to be tempted. I do not forget my small bank balance. I remember my ripe old age, I recall the follies of my friends who have impoverished themselves while sitting dejectedly in the midst of their Long Island magnificence. I see so many of them who are so crushed by this grandeur that they are most preciously hopped. It is no longer a question of enjoyment, but of how to raise a second mortgage on the property.

Their dream of peace and contentment has become a nightmare of fear and discontent. These poor weak creatures who started out as I did to convert a farm into a home have so yielded to the temptation of spending that the farm has become a prison and the latter a myth. Yet there are thousands of farmhouses waiting to be redeemed if only those who purchase them would be contented with a little plain living and an over-supply of high thinking; in other words, with common-sense, because in the end that beats anything and everything which the so-called intelligence can offer to mankind.

HOW MUCH HOUSE?
(Continued from page 163)

go a long way toward providing greater luxury of appointments and of convenience equipment. Immediately we can use somewhat more expensive roofing and perhaps metal casement windows throughout. In fact we can spend approximately 20% more for each part of this house, because it is physically smaller than the larger house constructed on the 50 cent basis. This will give us hardwood floors throughout. It will allow for the more intricately textured and antiqued plaster finishes and for more decorative metal work. Lighting fixtures and hardware can be of a more expensive type and the finish and equipment of bathrooms and kitchens can be considerably better.

In connection with this method of approaching the homebuilding project, the fact is to be emphasized that the desire for space must not lead the homebuilder into the paths of false economy. The materials and equipment which are selected should not be taken on a preliminary basis of cheapness. Economy in homebuilding is to be found in the wise selection of the more simple types of materials, but at all times there must exist a reasonable element of quality and endurance; otherwise, the original investment is largely wasted and the ultimate cost will be much higher than any homebuilder can anticipate. The very fact that economy is sought indicates the importance of selecting materials and equipment which will not involve high maintenance cost, particularly at points constantly subject to wear or to weather damage.

O UR own selection of three novelties which are sure to delight any garden lover. We grow many plants which are more expensive, but few that are likely to give more pleasure.

Viola, Jersey Jewel. Our 1928 introduction; a beautiful cross between Viola Jersey Gem and Pansy Queen Victoria. Planted in a sunny situation, it produces an abundance of large Pansy Violet flowers from spring until late fall. Illustrated in color in our catalog. Plant liberally for cut flowers. 100 for $75; dozen $10.

Carnation, Annie Laurie. A fragrant hardy carnation which blooms from May until November. Orchid pink with deeper center. Picture in color in our catalogue. 100 for $20; dozen $5.

Delphinium, International Hybrids, Selected field grown seedlings of the finest varieties in a vast range of blue tints and shades. Clumps; 100 for $75; dozen $10.

O UR Silver Anniversary Catalog shows these and other specialties in exact colors. If you have not received a copy, and are interested in fine Perennials and Roses, please let us have your name and address.
Would a Water Garden Be Suitable for Your Home?

This Beautiful Book Contains a Wealth of Suggestions for Garden Lovers

Whether you have a modest home or an expansive country estate, choosing the most appropriate type of garden is a fascinating but somewhat puzzling task. Amid the maze of detailed suggestions now available everywhere, it is refreshing to find a book which presents the fundamental principles in delightfully artistic fashion.

“Beauty in Gardens” is such a book. Each principal type of garden is shown at its best, with illustrations of America’s most notable examples. Text by Roger B. Whitman, formerly associate editor of Country Life, explains these creations of noted landscape architects. The classic beauty of the printing and binding, by William Edwin Rudge, lends added interest as you turn the pages. “Beauty in Gardens” is not primarily a book on fence; one section deals with screening and fence protection in their proper places, as subordinate but essential features of landscape design. It is a book on garden planning—a genuine tribute to the genius of American landscape designers. 24 pages, size 9½ x 12 inches. Aquatone illustrations. Send 25 cents for your copy.
The Serenity of the Tulip
lends gayety to the garden
in May

With touches of color from a master palette, ranging in tone from the most subtle pastels to the most vivid hues, their harmonious blending makes any May day a delight.

Scheepers' Tulips Are Superior

Some gardeners are satisfied with "just tulips"; some, if they merely know the name of the variety they grow; others prefer the choice of the connoisseur—the most refined expression of tulip joy, the masterpieces of color and form.

Whether your taste is for the best of the older varieties, or the most modern creations of tulip aristocracy, you will find it satisfied in the 1928 edition of "Beauty from Bulbs," long recognized as a guide-book by those who prefer the best. Over a quarter-century's experience in selecting superior bulbs is back of every page.

Write for this catalog
Over a Hundred Highest Awards

for Superior Merit

Presidential Coolidge Gold Medal
Garden Club of America Gold Medal
Holland Bulb Growers Ass'n Gold Cup, etc., etc.

John Scheepers, Inc.

Flowerbulb Specialists for a Quarter Century
522 Fifth Avenue
New York City
(Guaranty Trust Building, at 44th Street)
An all-purpose mower for large areas

Right: Coldwell Model "L" Motor Lawn Mower and Roller. Mows and rolls simultaneously. Cuts a 25-inch swath. With gang units attached cuts a 60-inch swath, 10 acres a day, on one gallon of gasoline. A fully guaranteed and dependable machine at a reasonable price.

The safe way to buy a lawn mower

In buying your lawn mower don't take chances. Use the same good judgment that you employed in selecting your piano or automobile. Get the lawn mower with a time-tested reputation for dependability. Later, you'll enjoy the consciousness of money well spent.

The reputation of Coldwell Lawn Mowers as the world's most dependable mowers dates back to 1867. More of them are sold every year than any other make. Advanced and exclusive features insure fine work. Freedom from repairs and long years of service make Coldwell easily the most economical of all lawn mowers. Four distinct types to choose from—hand, horse, gasoline and electric.

Write for interesting booklet, "Care of the Lawn."

COLDWELL 1867 DEPENDABLE LAWN MOWERS

COLDWELL LAWN MOWER COMPANY, NEWBURGH, N. Y., U. S. A.
-saving Labor
on Thousands of Fine Lawns

The Ideal “Twenty” shown above is a small power mower for lawns of moderate area. It is the sturdiest small, low priced mower ever built. It does fast, clean work and makes a pleasant task out of what would be a hard job with hand mowers. A reliable mower built for years of service.

Four Sizes For All Requirements

For over 12 years Ideal Power Mowers have been caring for thousands of America’s finest lawns. Today these dependable labor savers are built in four sizes in varying capacities to meet the exact requirements on lawns of every size and character.

The complete line includes wheel type mowers in 20” and 25” sizes, and roller type mowers in 22” and 30” sizes.

Wheel type mowers are recommended for smaller areas, for lawns having steep inclines and for close work around trees, shrubbery, walks, drives, etc. Roller type mowers are recommended for large open areas.

Frequent Rolling Valuable

On most lawns frequent light rolling is valuable and helps to grow a healthy, smooth and more luxuriant turf. This is particularly true of newly constructed lawns and in the care of all fine lawns in the early spring.

The Ideal catalog will give you complete information, specifications, and recommendations for lawns of various sizes and character. Copy of this new catalog gladly mailed upon request.

Ideal Power Lawn Mower Co.
403 Kalamazoo St. Lansing, Mich.

IDEAL POWER MOWERS

—Treat Roads and Drives With Solvay Now

Have Dustless Roads All Summer

Prevent the formation of dust and you eliminate the need for combating it with sprinkling and cleaning. On road and playing surfaces dust can be easily and inexpensively prevented by the early application of Solvay Calcium Chloride.

Solvay is a natural dust preventive and surface binder. It produces a firm, compact, dustless surface and though perfectly harmless, prevents the growth of weeds. Write today for full information and Booklet 1357.

SOLVAY SALES CORPORATION
Alkalies and Chemical Products Manufactured by The Solvay Process Company
40 Rector Street, New York

SOLVAY CALCIUM CHLORIDE
Smart LINOLEUMS that will not "SPOT"

Yes, it’s really true. You no longer need have any fear of spilled things leaving unsightly stains on your finest inlaid linoleum floors. Even in the kitchen where accidents just naturally happen, hot fats, fruit juices, ammonia, etc., can be readily removed without leaving a tell-tale spot or stain. Ink that has dried wipes off without a trace. The dirt from muddy feet cannot grind in.

What a comfort to have floors that a damp mop will clean quickly—and keep clean—floors of distinctive charm and colorful richness that are now so much in vogue. Genuine inlaid linoleum with colors going clear through to the sturdy burlap back.

Almost too good to be true, isn’t it? Yet the ingenious Sealex Process, perfected by our laboratory, has answered at last the nation-wide demand for easily cleaned linoleum floors.

Unlike a surface coat or venerate, the effect of the Sealex Process is to penetrate and seal the tiny dirt-absorbing pores of the linoleum. The velvety richness of the colors is enhanced without a hint of gloss or slipperiness.

The striking new designs in Gold Seal Inlaid Linoleums enable you to follow the vogue for smart color underfoot, and at the same time enjoy for years the resilience, comfort and quiet which only genuine inlaid linoleum can provide.

All Gold Seal Linoleums will be made by the Sealex Process. Besides inlaid like those shown, there are Plain, Battleship, two-tone Jaspe and Romanesq. All types offer the same exceptional value—guaranteed satisfaction at moderate cost.

CONGOLEUM-NAIRN INC.

Soil-proof • Spot-proof • Easily cleaned

GOLD SEAL LINOLEUMS

FREE DECORATION BOOKLET! The valuable illustrated book on home decorating, Creating a Charming Home. It contains practical suggestions and an ingenious Color Scheme Service to help you plan up-to-date interiors based on the latest ideas in the use of color. Address Congoleum-Nairn Inc., Kearny, N. J.

Name ____________________________ Address ____________________________
America's most artistic expression of the Motor Mode

When a motor car becomes strictly expressive of the mode—possesses that indefinable atmosphere called style and arbitrators of fashion place their discriminating endorsement upon it—a buying trend is immediately established.

In Europe, Knight-motored cars are almost invariably chosen by such discerning motorists. In America, the DeLuxe Stearns-Knight enjoys a similar acceptance among the connoisseurs of fine motor cars.

The masterful design of Stearns coachwork—the artistry with which this design is executed—win the instant admiration of the most critical—the most fastidious. An arresting grace of line, a deftness in the arrangement of interior appointments, a unity of craftsmanship, combine with superb performance to make the De Luxe Stearns-Knight the criterion of American automobiles.

It is to be expected that Stearns, pioneer of the Knight engine in this country, should now offer an eight-cylinder Knight motor, and, complementing this supreme sleeve-valve engine, a Worm Drive Rear Axle—thus effecting a power transmission unit which is unsurpassed and which cannot be obtained in any other American car.

A demonstration reveals the secret of Stearns-Knight supremacy. Arrange for one this week.

Stearns-Knight Sales Corporation, Cleveland

John N. Willys, Chairman of the Board

H. J. Leonard, President

Stearns-Knight
Motor Cars of Quality
Jacobsen 4-Acre Heavy Duty Power Lawn Mower

This well-known Jacobsen Mower cuts fast and clean. Its remarkably fine construction makes it simple to operate and gives it unusual endurance. Year after year, they continue to beautify the lawn with a saving of time and labor that makes the investment highly profitable.

The riding cart, which is easily attached, changes it from a walking mower to a riding mower. The automobile differential makes steering power mower to a riding mower. The construction is easily sharpened by the mower’s own construction with wear. Compare this construction with other power mowers.

Note the fine construction and sturdy housing of the transmission gears. The housing is oil-tight and the gears run in a bath of oil—ample protection against wear. Compare this construction with other power mowers. Chain and sprocket drives were long ago discontinued in automobiles—why not in power mowers? Demand a Jacobsen—the only gear-driven power mower.

Enclosed Gear Drive

Power Lawn Mower

This mower is designed especially for the fine lawns of private estates. The special six-blade, high-speed cutting reel gives a clean cut on creeping bent and other fine grasses. It is an adaptation of our famous putting green mower and the cut may be adjusted to the fineness of a putting green shave it desired. Being driven by large rollers, it protects the most delicate turf and at the same time provides the rolling so beneficial to the lawn, especially creeping bent.

There is a type of Jacobsen Power Mower to suit every lawn of a quarter acre or more. They are lawn beautifiers as well as time and money savers. Demonstrations can be arranged on your own grounds without obligation. Write for literature.

The "Estate" Model for Creeping Bent Lawns

JACOBSEN MFG. CO.
Dept. A, Racine, Wisconsin
New York Office: 245 W. 55th St.

Quick Death

To cutworms, snails, slugs, earwigs, sowbugs, grasshoppers.

New, scientific method stops garden damage. Water doesn’t harm it and it doesn’t harm the plants.

Protect your garden now from cutworms, snails, slugs, earwigs, sowbugs, and grasshoppers. These pests, authorities say, annually destroy millions of dollars worth of plants, vegetation and property. They are most unsightly, too.

Unless you know of their presence you may wonder why your garden fails to grow.

Don’t blame your seed dealer for this. Use Snarol instead. This is a scientific, ready-prepared meal that you simply broadcast on the ground about the plants, flowers and shrubs. The pests eat this meal and are quickly destroyed.

Unlike old-time methods, Snarol is non-injurious to plants and shrubs when used according to simple directions.

Snarol is non-injurious to plants and shrubs when used according to simple directions.

It is merely a food which attracts and destroys only the pests that eat it. Also, Snarol is not harmed by water—in fact, it works best when damp—a feature that commends its wide use where rain and sprinkling cause wet garden conditions.

Thousands of home owners, institutions and truck gardeners say that Snarol is the most effective method they know. They use it not only to stop garden damage but to destroy these unsightly pests as well.

For sale at seed stores, hardware dealers and many leading drug stores in convenient sized packages. Sizes—1 lb. and 3 lb. packages—15 lb. bags.

Act today or write for free 24-page booklet on Pest Control and name of your dealer.

Stop Ants

Antrol, a companion product to Snarol, destroys Argentine and other sweet eating ants. These ants infest homes and also spread aphids, scale and mealy bugs on the plants and trees of your garden. Not a paste or powder but a complete system of tiny glass jars which you fill with Antrol syrup. These jars then stand "on guard" like sentinels. The new method destroys the entire ant colony, gives permanent protection and is safe to use around children or pets. Ask your dealer or write us for details.

Use Antrol

Snarol Laboratories, Inc., Dept. 15, 651 Imperial St., Los Angeles, Calif.

Gentlemen: Please send me your 24-page booklet on “Pest Control,” together with the name of a dealer in this city who handles your products.

Name: ____________________________

Street: ____________________________

City: ____________________________

State: ____________________________

I am interested especially in □ Antrol □ Snarol.
a suitable background, such as evergreens. 

Among the smaller or English Single Dahlias which are now usually listed with the Centuries, there are several oldtimers which merit at least a trial in every garden. My own favorite among these is St. George. The plants are compact growing but not too dense, three feet or so high, and are literally covered with Dahlia-like, pure lemon colored flowers which are a constant source of delight both in the garden and indoors. If you grow the Dahlia named after flower St. George it is Jack, a bright scarlet and a good one to go with it, if they are not planted too close together. Petalosa is a velvety maroon with a white tip on each petal, not only striking, but also very attractive.

Apple Blossom is a good pink with carmine crimson shading. All of these are oldtimers and, although you may not find them in the first catalog or two you look through, they are well worth hunting up. You can get the four of them for a dollar or so.

NORTH TRUMP

A new Single which I would class as one of the finest introductions of any type in recent years is Newport Triumph. It is a large many-petaled flower with sharply frilled petals of a most beautiful shade of pink. This variety is so delightful, so exquisite, as a cut flower, that I do not see how it can fail to strike down some of the existing prejudice against the Singles, and it should make a place for itself as a Borst's cut flower. It was awarded a prize as the best cut flower for cutting at the last National Dahlia Show.

The bulbs listed last spring for two dollars, but it is certainly worth considerably less than two dollars, and should be planted about the same distance apart. Some of these are available. Then the living rooms may be decorated with such charming vases of the cut blossoms of the lovely exhibits of Mrs. Sarah W. Ward, of Southport, Conn., one of which carried off the first prize for the best basket display at the last National Show.

Snowclad is a rich crimson, Sunny Daybreak, apricot, shaded crimson; and Sunset, shades of orange, are two of the most attractive. Joe Fette and Snowflakes are two of the finest whites.

LITTLE JEWEL

A quite distinct new type of Dahlia has been presented in the last issue of The Bartlett. This is cataloged as a Pompon, although it really is not a Pompon at all, but a miniature Decorative. It has fairly flat, open flowers of the true Decorative type, whereas the Pompons have miniature flowers of the old Ball or Show type, usually considerably less than two inches in diameter. Little Jewel is a soft rose; and Clarissa, a pale pink shading to primrose. Ideal is a clear yellow, and Jesscia, yellow shaded cerise.

Among the smaller or English Single Dahlias which are now usually listed with the Centuries, there are several oldtimers which merit at least a trial in every garden. My own favorite among these is St. George. The plants are compact growing but not too dense, three feet or so high, and are literally covered with Dahlia-like, pure lemon colored flowers which are a constant source of delight both in the garden and indoors. If you grow the Dahlia named after flower St. George it is Jack, a bright scarlet and a good one to go with it, if they are not planted too close together. Petalosa is a velvety maroon with a white tip on each petal, not only striking, but also very attractive.

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SPRALAWN

Installation Without Damage

SPRALAWN with its life giving rain-mist, is dedicated to the purpose of keeping lawns and shrubbery green and beautiful. Its method of installation is consistent with its ultimate purpose.

The work is planned so that only as many units are started each morning as can be completed by night. A burlap sheet is laid beside the line of trench. Sod is cut clean and piled on the canvas together with the material from trenching.

As soon as the pipe is connected, the trench is closed and the sod replaced and tamped. In a few days the only visible mark of Spralawn* is fairer, thicker, greener lawns from its use.

Uniform rain-mist always yields thick turf, strong shrubbery and brilliant flowers. They are yours for the entire season for Spralawn* gives "Rain at Your Command."

Let us send you a descriptive booklet.

*Registered U. S. Patent Office

MUNZ SPRALAWN CORPORATION
General Motors Building, Detroit, Michigan

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So easy to keep your Lawn Beautiful with a Lawncomb

TRIM, clean, full-bodied lawns with a Lawncomb! This simple remedy ends the problem of lawns that become pock-marked from old-fashioned rakes. Regular use of a Lawncomb assures a fine "dressed up" lawn.

The Lawncomb treats the lawn with kid-gloves, without pressure, without injury to tender grass. The flat steel tines are flexible, and guaranteed not to break or bend. A light, sturdy accessory of new, improved design . . . easy enough for a child to handle.

EASTERN TOOL & MFG. CO.
Bloomfield - New Jersey

$1.25

If your dealer does not yet sell the Lawncomb send us $1.25 and we will send you one express prepaid.

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Blades Flat—Fingers Free—
Here are Grass Shears Made to Cut Grass!

Designed by professional gardeners, who use shears daily, Goodwin Grass Shears cut more grass with less effort. Every inch of their cutting edge lies flat on the ground. The hand is entirely clear. Ball-bearing action—easier to operate in either hand. Blades mechanically held—cannot slip apart. Adjustable tension for tough or fine grass. Write for descriptive folder and name of nearest Goodwin dealer or send $1.75 and we will forward one pair Goodwin Grass Shears, postage free.

GOODWIN GRASS SHEARS

THE WHEELER RADIATOR & MFG. CO., 1637 Collamer Ave., East Cleveland, Ohio

Enclosed find check or money order for $1.75. Ship one pair Ball-bearing Goodwin Grass Shears, postage free.

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Address

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Mettowee Stone

The walk that has completely changed the fashion of Garden artistry

The gardens of old never unfolded a more graceful gesture to captivate the favor of those who behold it than does Mettowee Stone offer the modern landscape gardener.

Alluring treatments, in variegated colors, designed to afford the informal, reposeful atmosphere so fervently sought by all who love their garden can now be realized.

Have your dealer show you samples, or if preferred we will see that our nearest dealer gives you full information.

Send for our beautiful illustrated booklet "F"

SPOTLIGHTS ON THE DAHLIA

(Continued from page 202)

very much under-appreciated. For some reason they simply have not caught on, although some of the new Decoratives which have proved popular get very near the Poony type, which is semi- or three-quarter-doubled with irregularly arranged and somewhat twisted petals. Rosalia Styles, clear pink with lighter shadings; and Coppersmith, a light coppery bronze with a burnished effect, are two of my favorites. Paradise-Found, a beautiful clear golden yellow with globular flowers borne well above the heavy, distinct, dark green foliage, is particularly fine both for cutting and at the back of the flower border.

Mrs. Paul Ashbury is a Poony with a Chrysanthemum-like center—entirely distinct in form, and a fine mauve-pink in color.

Some of the Decorative and Hybrid-cactus varieties are especially good for the garden at the back of other flowers, where the stakes will not be obvious. So handled as to make a tall growth, and without too much disbudding so that the flowers will bear themselves gracefully, they are a fine addition to the border.

THE DECORATIVES

One of the finest Decoratives for the garden I have ever come across is a new French sort, Couronne d'Or. Extremely tall and upright in habit of growth, it holds its golden blooms aloft like yellow lanterns in the later full border. Still taller, ten or twelve feet under good conditions, is Altemont, a dark cerise, strikingly effective against any suitable background.

Jersey's Beauty—unequivocally the finest Dahlia introduced in many years—is splendid in the garden, attaining a height of six feet or so, blooming freely, and with its distinct Mahonia-like foliage an added attraction. Riverton Beacon, a rich, carmine-shaded gold, is excellent. Gladys Sherwood, an immense pure white, and El Granada, orange-shaded golden yellow, are two superb Hybrid-cactus sorts which show up well. Lotus, while listed as a Decorative, is of distinct Waterlily-like form, and of an iridescent orange shade; it is unique and unusually beautiful. A few of the older sorts of merit for the garden are Pierrot, amber, tipped white; Springfield, an improved Cousin of Lonsdale, Pavillon, old rose; Jean Chazot (Gay Paree), old gold and crimson.

And here are some newer Decoratives and Hybrid-cactus sorts for cut flowers and exhibition—just a few of the innumerable splendid new ones: Elite Glory—my note on which is, "the quintessence of gorgeousness." It is a brilliant red, darker at the center, a giant both in flower and in habit of growth; if you want the most spectacular, try this. Watching Sunrise, one of the largest and most striking exhibited at the last National Show, and a "sunset" in color. Jane Gowi, winner of several prizes and a really splendid sort—an enormous, informal Hybrid-show, salmon-orange and old gold. Trentonian, an unusual brownish shade, Fr. Washington, a unique, dark wine color. Seal of Connecticut, a huge, pure lemon-yellow, and Fr. Monmouth, an immense dark, raggedy Hybrid-cactus.

Among the lavenders, beautiful but never very popular, are California, Gov. Trumbull and Violet Wonder, which won the American Dahlia Society's special gold medal, Fordhook Model, to me seems the loveliest shade yet achieved in this color. Roman Eagle is distinct among all the yellow shades—a burnished but satiny old gold unlike all others. Silvach's White is a beauty and especially lovely when combined with any of the lavender sorts. U. S. A. and Jersey's Beauty, the queen of them all, are both well known, but if by any chance you do not possess them, put them at the head of your list.

Despite what may be said in some of the Dahlia catalogs to the contrary, the Dahlia is not the easiest of all flowers to grow. It is, in fact, among those which are quite uncertain—largely, I think, because it wants too much cold, particularly in the way of too rich food (or perhaps more accurately, food too rich in nitrogen).

Dahlias need, first of all, an abundance of sun and air. A warm, rather light soil is preferable, although good plants are often grown in heavier soil, if it is well drained. Dahlias are gross feeders, and like a deep, well prepared soil. Plenty of bone meal and a moderate amount of superphosphate or dried blood, with an abundance of ashes, make a safe and well balanced diet. I have always found the ashes particularly good, the flowers produced will be firmer and more lasting if quite so large as those resulting from a diet high in nitrogen, and the roots will be firmer and will keep better. Dahlias do not like a stiff soil which is very hard near the ground. This will induce the growth of the side shoots and a low, starchy bush form of development. If stakes are to be used, keep the plants tied up as they grow. A satisfactory job can never be done by letting the plants want until they begin to sag over, and then attempting to straighten them up. A final word of interest, especially to those who would like to grow the Single Dahlias, is this: they are easily grown from seed. Several different types of seed are available, and if planted either under glass, or started early in the open, they will give plants which will bloom freely the first season. They are no more difficult to raise than most of the annuals, and easier than many perennials.

GARDEN CULTURE

For garden culture, when the plants are but a few inches high, cut off all but one or two of the strongest shoots, and cut the one or two remaining back near the ground. This will induce the growth of the side shoots and a low, sturdy bush form of development. If stakes are to be used, keep the plants tied up as they grow. A satisfactory job can never be done by letting the plants want until they begin to sag over, and then attempting to straighten them up.
GALLOWAY POTTERY

Gives the Essential Touch

Now is the time to make your Garden and Terrace more charming through the use of Galloway Pottery. The numbers shown are but a few of the interesting pieces in our extensive collection of strong and enduring high-fired Terra Cottas.

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YOU want a beautiful lawn which helps to beautify your home. To obtain same the grass must be properly cut and trimmed, which is easily accomplished with the MILBRADT Power Lawn Mower. It is a simple and strongly built machine, easy to understand and operate. A boy 12 years old can run it and do a perfect job of grass-cutting. It cuts 27” wide and will mow 4 to 6 acres per day.

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Hidden beauties, undreamed of, tucked away among the roots of the grasses, flowers, hedges of your lawn! Bring them out in all their glory by correct watering!

Thompson Concealed Lawn Sprinkling Systems distribute just the right amount of rain-like spray over all the lawn. With just a turn of the hand, they provide the freshness of April showers the whole summer long—making old lawns greener, bringing forth new lawns earlier.

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Send for free booklet, "The Lawn-Beautiful," illustrated, it tells how to turn your lawn at its best.

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Please send me a copy of your brochure. No obligation, of course.
without the realization that a seeded
golf green or seeded lawn is a melange
of color. Only when they saw per­
fectly uniform turf, a single mass of
one shade of green, did they realize
how beautiful a thing turf could be.

Unfortunately, the strains that were
adapted for use in golf greens were not
particularly desirable as lawn grass.

There are, however, literally hun­
dreds of strains to choose from that
are suitable for lawns and will main­
tain their loveliness under ordinary
lawn care. Much work has been done
independently along this line and sev­
eral strains are now commercially
available. In general, it may be said
that the varieties which have a ten­
dency to spread their leaves directly
upward, and to turn the end of the
stolon or runner upward also, are
best suited for lawns. However, the
selection of this strain is not quite as
simple as it may sound, as many of
the strains have seasonal habits which
make them undesirable. For instance,
some strains are very slow in greening
up in the spring; others will inevita­
tively turn brown during July and
August; some are subject to plant
and others lose their beauty at the
first frost. The grass must be kept
under observation in actual lawn use
for at least two years before it is
marketed.

The chief difference between Creep­
ing Bent and other turf grasses is due
to the fact that Creeping Bent has
already abandoned the seeding habit
and has learned to propagate itself by
the open runners which this grass will
serve will be as a

TULIP BULBS
(May-Flowering)

Until July 15th—not later

Following our practice of the past few years we are again making
a very special offer on the following Darwin, Breeder and Cottage
Tulips and are suggesting a color scheme for border planting.
Many lovely color schemes may be had with this class of
Tulips. Combinations of several varieties are frequently used in
the better gardens to attain certain desired color effects. We be­
lieve, however, after many years of planting some of the finest
garden displays of these Tulips in America, that they are seen to
best advantage if planted in clumps of 25, 50 or 100 of a variety
with a definite color scheme in mind. Our Advance Bulb Catalog
issued in May lists 155 varieties of these—The Aristocrat of the
Tulip Family, but we recommend the following Special Border
Collection and suggest that they be planted in the order given.

TEN FINE VARIETIES

Per
Per

Reverend Ewbank—Beautiful soft lavender violet
Princess Elizabeth—Beautiful clear deep pink
Bronze Queen—Soft golden bronze
Dream—Even tone of heliotrope
Edmeee—Vivid shade of cherry rose, lighter border
Cardinal Manning—Rusy violet, light bronze border
Moonlight—Harmine oval shape, soft canary-yellow
Philippe de Commines—Deep violet maroon
Clarina Bent—An even tone of salmon rose
Apricot—Best described as reddish apricot

25 each of a variety at 100 price; 50 each of a variety at 250 price.

Special Collection Offer

25 bulbs each of the above 10 varieties 100 Bulbs $5.00
50 bulbs each of the above 10 varieties 250 Bulbs 12.00
100 Bulbs each of the above 10 varieties 500 Bulbs 25.00
100 Bulbs each of the above 10 varieties 1000 Bulbs 45.00

TERMS: 30 days after shipment or 5% discount if cash accompanies order.

Our Advance Bulb Catalog—Issued May 1st

Write for a Copy of

Stumpf & Walter

One of the Largest Importers of Dutch, French and Japanese Bulbs
for Determining Flower Lovers in the United States.
30-52 Barclay Street, New York
Branch Stores in Newark, N. J., White Plains, N. Y., Baltimore, Md. H.

CREEPING BENT GRASS

(Continued from page 198)

FOR WALKS AND TERRACES

Probably the most useful purpose
which this grass will serve will be as a
joint filler between flagstones, paving
walks and terraces. Where flagstones
are used, it will be easy to provide
more soil than was the case of the
creeping Bent, because this grass
has a much greater depth of root
penetration, and the grass would not have
to combat the effects of increased heat
radiated by concrete. Its peculiar
growth habit produces a grass joint

(Continued on page 216)
Note below, the difference in the shadows cast by the Lutton Steel V-Bar in comparison with the ordinary wooden bar. This is a factor of great importance in the reduction of shades.

Lutton V-BAR Greenhouses
Are Fast Growers

If you stand inside a greenhouse you are conscious of sunlight pouring in... and no shadow. Yet shadows are there, as every grower knows; and, as sunshine is the fundamental need of flowers, it is the task of the greenhouse builder to minimize this shadow.

The Lutton Company has done this, and done it so successfully, that the Lutton V-BAR Greenhouses are big producers and fast growers.

Write for our booklet 'Greenhouses of Quality'.

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Last Call
For Rock Plants

If you don’t plant them in May, you’ll have to wait till October... A whole summer lost.

Write for information.

Hugh B. Barclay, Plant Specialist
1300 Montgomery Ave., Narberth, Penna.
MAKING A SUN ROOM

I HAVE always filled the sunny windows of our home with plants for my winter garden, but the time came when the plants threatened to crowd out the family. I began to cast about to see what could be done for the relief of the family and the satisfaction of my gardening complex.

Not being in a position to go out and order a suitable addition, I commenced to take stock of the possibilities of producing a home-made arrangement. First among my assets, I number a husband who is not only an enthusiastic amateur carpenter, but a person of many original attainments and much original ability. I was fortunately the possessor of eleven sections of sash and a sash door, relics of an enclosure in a previous house. A sunny, sheltered southeast corner of the porch cried out for glass but, being only six feet wide, did not seem worth while without more breadth. So I took the problem to my husband.

At first my demands met with groans and discouraging pessimism. There was the question of a foundation to consider, bothersome and expensive to build, but my plants would freeze without it, and how was I going to make it wider, anyway, without having it stick out like a sore thumb and spoil the looks of the outside of the house? I wanted my addition to have a glass roof. Well, it would break, it couldn't be heated, unless we had steam heat with which to add a radiator, which we had not.

In fact, there was no health in my schemes at all at first, but finally, after many hours of argument and dire consideration of all pros and cons, we solved the following plan, producing what is really a glass-roofed lean-to six feet wide, set up against the original six-foot porch.

We were to use concrete blocks, six inches by twelve inches, set in concrete for three piers, with connecting boards insulated with a composition material for the foundation, and a double floor on the new part. The frame was to be built to fit the sash that we already had. At this moment, it was my good fortune to have an interested neighbor and friend come forward and offer to give me four three-foot by six-foot boxed sash, saying that he would show me how to glaze them. And this proved to be the most troublesome part of the whole job. Did you, gentle reader, ever try to set sash windows in a bed of sticky putty? Try it some time. It's a wonderful test for the development of patience, and a terrible temptation to produce a more than interestingly picturesque vocabulary.

However, we moved slowly but surely through various vicissitudes, and to the successful completion of this room, twelve feet square, entered by a door from the living room. It has proved to be perfectly water-tight and draught-proof. A small two-burner oil stove has heated it adequately, and the plants have thrived wonderfully. The difference between sunny windows and what is to all intents and purposes a small greenhouse is more than one expects, for even this amount of glass roof makes plants, which would simply manage to live through the winter in sunny windows, now bloom profusely.

I brought in from the garden in the fall Petunias, Ageratum, Nicotiana, Cynoglossum (Chinese Forget-me-not), and of course Geranium and Begonia, which have kept the place full of bloom all winter. Against the walls, and as frames around each section of sash, I have latticework on which is trained English Ivy, and simple hanging baskets filled with various trailing vines, hung in the middle of each window.

For relief from the heat of the summer, we have arranged wire screens for the side sections of sash which are removable, and an awning which rolls down over the glass roof, thus making an extra enclosed porch, so that the year around the sun room is a delightful addition to the house.

If you are a flower lover and long to work with growing things through the winter months, even though difficulties present themselves, with perseverance and imagination you may realize your dreams and have a satisfactory indoor garden.

—Amy Rodgers Walker
What is Davey Tree Surgery service?

What will Davey Tree Surgeons do for you?

First of all, Davey Tree Surgeons diagnose each case to determine what is wrong, if anything. They are especially trained in the diagnosis of tree troubles. If a tree is starving, they feed it in the right way, with the right food elements, at the right time.

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If a tree has decaying cavities that are slowly and progressively destroying it, they treat it by proved Davey methods, unless it is too far gone to save. If any of the other numerous tree troubles are in evidence, they apply proper remedies as far as humanly possible.

All of this is done with remarkable skill and diligence and with devotion to the policies of the Davey Company and the ethics of their profession. They will please and satisfy you. Wire or write nearest office.
An urn or a bird-bath of beautiful Graystone will add a fresh element of beauty to your garden, yet seem to have lived years there. Its mellow gray blends at once with sky and leaves. Graystone is the garden pottery of Weller Ware. It is often pure Greek in effect. Its appearance suggests great price. Yet it is never expensive. Place an urn or a vase near a flight of steps or a low wall. Arrange an urn of vines where a hard place in the garden precludes planting. There are pedestals for sun-dials, child figures, footed jars. Weller Ware offers also a rich variety of colored art pottery and distinctive kitchen ware. Paula Morgan, authority on garden and home decoration, will give free advice regarding any decorative need. Write her in care of The Weller Potteries, Zanesville, Ohio.

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At Extraordinary Savings!

No Deposit Necessary If You Order Now Pay on Arrival about Sept. 30

The great Holland bulb growers are ready now to make important price concessions for immediate 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 cost, reducing freight, 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.

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(A) Prince of the Netherlands, per 100 $6.00
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12 bulbs each, 3 varieties...

150 bulbs each, 3 varieties...

100 bulbs each, 2 varieties...

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...

100 Double Early Tulips in 10 named varieties...

100 Darwin Tulips in 10 named varieties...

100 Cottage Tulips in 10 named varieties...

100 Breeder or Art Tulips in 10 named varieties...

100 Crocus in 5 named varieties...

Heralds of Spring!

200 of these Lovely Spring Beauties...

Snowdrops—Glory of the Snow (blue)...

Blue Bells—Wood Hyacinths (Scilla Nutans)...

Winter Aconites.

Cash Discount of 5%
If you send cash with order

CAUTION
These prices good to July 1st— no later

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Cottage Tulips
for the connoisseur

(K) Nectar, per 100 $12.00
(L) Idyll, per 100 $6.00
(M) Argo, per 100 $12.00

12 bulbs each, 3 varieties...

25 bulbs each, 3 varieties...

50 bulbs each, 3 varieties...

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1,000 bulbs...

Daffodils and Narcissi
for Naturalizing and Lawn Planting

Our Old Dominion Collection in choicest mixture of airy and medium Trumpets, short cappered and lovely Poet's varieties. All first quality bulbs grown in Virginia 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...

1000 Bulbs...

3 Magnificent Daffodils
(N) Lucifer, per 100 $12.00
(O) King Alfred, per 100 $20.00
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12 bulbs each, 3 varieties...

25 bulbs each, 3 varieties...

50 bulbs each, 3 varieties...

100 bulbs each, 3 varieties...

A Most Remarkable Offer

100 Darwin Tulips $2.50

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(As pictured above from left to right)

Stately Darwins and wonderful Breeder or Art Tulips—a glorious symphony of color.

Jaune d'Out (Bred.): A lovely sunny golden orange with tints of apricot on outside of petals. Of immense size...

Rev. H. Ewbank, (Darwin): A fine clear lavender color. Very large flower of lovely shape...

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VERY SPECIAL Collection Prices

1 doz. each of the above 4 varieties (48 bulbs)...

25 each of the above 4 varieties (100 bulbs)...

100 each of the above 4 varieties (300 bulbs)...

1,000 each of the above 4 varieties (4,000 bulbs)...

A Modest Import List

100 Darwin Tulips...

Schling's Special Mixture made up especially for us from ten of the finest named varieties—not at all the ordinary field-grown mixture usually sold. A $0.00 value for only $2.50.

N.B. Send for our Import Bulb List—many other opportunities, equally alluring!

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Gentlemen: Please enter my order for bulbs checked on enclosed list for which I agree to pay at these special import prices when order arrives about September 30, 1928.

[ ] I am deducting 5% cash discount and enclose full payment in advance.

[ ] Please send me your special "Import List" of Bulbs.

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Address...
Yours—all the Charm of an Old World Garden

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How often have parents who thought there was no way to manage it, heard this appeal with despair.

But today, with Dubois Woven Wood Fence at hand, things are different!

Here is a fence that gives the family who own even a 50 x 100 plot a chance to develop it as they never thought possible. With Dubois up, they will find themselves possessed of a feeling of privacy and satisfaction that couldn't be pleasanter if they owned a large country estate.

Dubois comes in 5 ft. sections for easy erection, and in three heights, 5', 6' 11" and 6' 6", with quaint gates to match.

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Name
Address
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187 Water Street, New York

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Woven Wood Fence
Made in France
A Garden Full of Dahlias

For $3.50

New and Rare Exhibition Dahlias

Few flowers, whether used for garden decoration or principally for cut blooms to decorate the home, are as responsive to simple garden culture as our Modern Dahlias. It has made wonderful advancement in size of bloom, habit of growth and profuse blooming qualities.

In anticipation of again placing before our customers a collection of Dahlias, we have arranged for a sufficient quantity of exceptionally fine, strong Tubers and are offering 12 Dahlia Tubers for $3.50—each of 12 distinct varieties, not labeled, which if purchased separately according to name, would cost not less than $10.00.

Order Your Tubers Now and plant after the middle of May or when all danger of frost is past.

Mail your order with Check, Money Order, Cash or Stamps, mentioning this advertisement in package. Cultural instructions in package.

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Entirely New Idea for Winning Feathered Friends while Watering Lawn and Garden

This new MAJESTIC Rain King, like the famous STANDARD and GIANT Rain King Sprinklers, gives you complete control of Distance, Direction, Stream, Spray or Cloud-like mist—whirling or stationary.

In addition it has an ornamental bird bath at the base. Majestic's height enables you to stand it amid flowering plants or vegetables and play water well out over the tops.

Order early, while birds are yet choosing nesting places — this will help attract the little warblers to your place.

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Ask your hardware or seed dealer to show you these splendid inventions. If he can't supply you, send us the price and we'll ship any model on money-back approval, prepaid.

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The BEST LAWN SPRINKLERS MADE

In 1/4 turn

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Snap your hose to the Faucet, Sprinkler, Hose or Hose Section in a flash. Will fit right into your present hose connections. An amazing invention. Saves twisting, kinking and wasting hose. Solid brass, 60c each.

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The clean-cut simplicity of cement and ironwork in the garden is well illustrated by one of the homes in St. Francis Wood, near San Francisco

The Poppies invest their territory with commendable completeness, standing shoulder to shoulder as they spread after their glowing colors

A hillside arbor that is really a flower tunnel has been worked out with the aid of stone steps and walls at the Santa Barbara home of Mrs. Wright
And Now They Are Growing—Together

FLOWERS are like little tots—there's joy in seeing them grow! We know that the youngster who has a garden is happier and healthier for helping it grow.

SUBURBAN GARDEN ANNUALS
16 Generous Packets
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144-page illustrated catalog offers Seeds, Bulbs and Plants in great variety. Every home deserves a garden.

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FISKE SEED CO.

You Now Can Have Shrubbery Like This

No Matter how DRY the Weather...

A BEAUTIFUL lawn—standy
green shrubbery borders
—flower beds of perfect
blooms—a home garden yield-
ing fresh, lucious vegetables
—none of these can be secured without adequate and correct watering.

The Skinner System—for 25 years leader and pioneer in overhead irrigation—has in its broad range of equipment the very things that best solve your particular watering problems.

Skinner Systems are used today on such estates as those of Rockefeller, Ford, Mellon, McCormick, etc. Yet they are no less effective on the lawns of less pretentious homes. Even the owner of a small back yard, by investing only a trifling sum, can enjoy Skinner Irrigation.

Lawns, borders, shrubs, flowers, gardens terraced—In fact everything that needs water—shows an amazing improvement when watered with some form of Skinner System—overhead, concealed, buried, permanent or movable.

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Let the flowers grow-untrampled

Her friend is welcome—via the gate.

Children and flowers may be safely kept on the same property if the latter are protected by a Wickwire Spencer Chain Link Fence.

This fence is not only good looking, rugged and absolutely permanent, but far less expensive than fencing has been in the past. We make so much of it, we can sell it cheaply. Our erectors are careful men and will not damage your shrubs or flowers.

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Inquiries are solicited from financially responsible dealers willing to set fences the Wickwire Spencer way.

WICKWIRE SPENCER
Chain Link Fence

Every garden should have a background as a foil for the smaller, more intimate details which accent the planting.

THREE GARDEN DETAILS

Around the margin of the formal pool it is often appropriate to place specimen plants in well-designed pots or jars.

A garden deserves to be enjoyed in ease and comfort. For this reason an appropriate rest spot ought to be provided in the plan.
Two Kinds of “Self-Sharpening” Mower Blades

“Calling lawn mower blades ‘self-sharpening’ is one thing,” says the Old Gardener, “but building them so they’ll actually keep themselves sharp is something else again.”

To be sure of getting blades that are made of the finest quality crucible tool steel, oil-hardened and water-tempered, look for the STAYTITE Handle which identifies all PENNSYLVANIA Quality Mowers.

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This summer kill your weeds the Wilson way! Simply dilute Wilson’s Weed Killer with water (1 gallon to 40 gallons of water) . . . and sprinkle . . . that’s all. Kills all weeds, vines, poison ivy, etc. 1 gallon $2.00, 5 gallons $8.00, 10 gallons $15.00

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Order a Double Rotary and use it 10 days. If not satisfactory, return sprinkler and your money will be refunded. Write $1.50 postage. Descriptive literature on request.

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WILSON’S O. K. PLANT SPRAY

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ORNAMENTAL IRONWORK
80 Park Place ~ New York

Entrance Gates of F. D. Roosevelt
Estate
Oakdale, L. I.
ERNEST FLAGG
Architect
There is as much change in styles in Apples as there is in clothes. No one can afford to neglect this factor of obsolescence. Trees live longer than they are wanted. Their glory is then departed.

Chicago formerly was a great market for Pound Sweet Apples and Quinces. These were baked together and are a fine dish. Both are gone. Those who baked them are departed and a new order has arisen. The restaurants have not maintained the custom and the demand for sweet Apples is now practically nonexistent and that for Quinces has declined so that 100,000 bushels is now a surplus, while a decade ago, three times the quantity were used.

Will the use of Quinces ever return? Those who want a Quince may be wise to plant a bush or two, and those wanting a good fall sweet Apple will find it in Sweet Delicious or McIntosh, both new.

For Baking

Philadelphia, Baltimore and Washington want to have a large demand for the old Gillyflower or Sheepnose Apple. These were used for baked sweet Apples. This trade is practically gone. Grapefruit has displaced many baked Apples for breakfast.

In New York the use of certain large Apples by restaurants, for baking, is increasing. Rome Beauty is gaining favor for this purpose and for one reason—the continuity of supply. Rome Beauty is a good keeper. It is on the market for six months, and as one restaurant keeper told me "We can train the chef that so much sugar and so much time will ensure a uniform product. And we must have a uniform and regular supply of Apples of equal size." Some use large-sized Spitzenburgs, but even in the West this Apple is not sufficiently productive and its days are numbered.

Those desiring a Spitzenburg will be wise to plant it on Dwarf stock and grow their own. It is a high quality Apple and makes wonderful mincemeat; no variety is better for this particular purpose.

In New England and New York, McIntosh is the great eating apple. Twenty years ago it was almost unknown on the New York market. Today it is the highest priced Apple in the world, and for six consecutive years it won the championship at the Imperial Exhibition, London, as the Apple Supreme, displacing Cox Orange Pippin.

The remarkable strain of McIntosh in New York is due to the Jewish population's discovery that this is a soft Apple—its flesh can almost be sucked out of the skin. It is no work to chew it. The Gentiles have been quick to discover that the Jews had a good Apple and that it is easier to drink the pulp, as it were, and their laws for talking or chewing gun rather than Apples. We drink Orange juice because we can do it quickly and with less effort than is required to cut an Orange.

Soft Apples are the order of the day. The public is the arbiter, and if the producer would live he must serve; he must cater to notions and prejudices, knowing that he who serves best shall have the greatest reward. The Apple breeders and growers have taken the lessons to heart and are producing and developing fruit that is soft in texture and requiring little effort to chew.

Several new varieties of Apples or McIntosh type and character have recently appeared, all resulting from the McIntosh in flesh and flavor. Early McIntosh matures its fruit in August in New York State. It is followed by Melus and Milton, then Lobs which ripens with McIntosh in late September, and can be kept in cold storage until March or later. Following comes Cortland which keeps longer, and then Macoun, the latest of all.

And the end is not yet. Apples of McIntosh flavor will be on our markets in the near future; they rank as the most remarkable achievement in plant breeding for a purpose that we have had in mind. But excellent Apples like Northern Spy will not sell as well a McIntosh, Tompkins King, once highly esteemed, now sells at a discount. While McIntosh and its type grown successfully in only a relatively small area of the United States, the well known Delicious is grown over a larger area than most varieties, is highly regarded as a dessert Apple but is of little value for cooking, while McIntosh and its types, Northern Spy and many others are excellent for cooking.

Old Names

Rhode Island Greening has been the American public for over two hundred years and is increasing in importance for cooking and salad; it is an excellent all-purpose Apple. McIntosh and Spy are also excellent. Jonathan, Stayman, Winesap, Newtown Pippin are all important Apples of today, but call the roll of the departed:

Hubbardston, called Nonsuch, is no longer desired. Swara, that John Burroughs talked about, is rare, and Grassy Pippin of fond memory is no more. Between 1884 and 1904 some 14,800 varied names of Apples appeared in American horticultural literature. Of these 6,700 are reputed as distinct, the remaining 8,100 being synonyms. Almost all of this list are gone. This list did not include the Crabs of which there are 600 names and 375 distinct varieties. Today, about 400 to 450 names appear and many of these were almost unknown twenty years ago. About thirty names will cover the list of those well known.

The change in other fruits and vegetables is proceeding with even greater rapidity than it is with Apples, and in spite of the fact that the shipping quality of a commodity is of prime importance, there is an increasing recognition of the fact that quality is growing in importance. The high quality Apples are the leaders, and the large number of men and agricultural experimental stations now working on this problem of producing better varieties of fruits promises more rapid changes in styles in the future than we have had in the past. There is nothing as permanent as change.

—Samuel Frazer
How to Make Successful Wild Gardens

There are thousands of various wild plants in this plot. Originally it was entirely free of any planting except grass. As the season was late, November, I had not time to prepare the soil as I ordinarily would have done, using leaf mold, etc., so I took many holes of Imported Granulated Peat Moss, mixing half and half Peat Moss or possibly two-thirds and about one-third soil, hauled it on the space and formed an elevation in the center, threw in stones and stumps and hurriedly set out the various wild plants I had collected.

“I was doubtful that many of the plants would do in this mixture, but no other course remained.

“The result has been astonishing. The garden has been planted for four years and every plant has flourished and increased, Trilliums, Shorria, Galax, Arborus, Partridge Berry, Ferns, Hepaticas and others are perfectly at home and the owner has hard work to convince visitors that the planting is not actually a piece of woodland picked up and set down in this garden.

“The secret is that Peat Moss is giving the acid condition which these plants love and its moisture retains qualities are better than leaf mold.

“I really cannot say enough for Peat Moss as a material for plants requiring acid soil, and for many other purposes.”

Hough B. Basclay, Narberth, Pa.

Specialist in Rock plants and other

Paper Covered Plants and Wild Gardens.

As soon as possible, we shall be able to provide a vast host of delightful and rare alpine plants, including a host of alpines,

CAMPANULA GARGANICA,

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Our catalogue is brimful of very choice rock plants and succulents, among other tiny beauties, 45 varieties of Saxifrage, 14 dwarf Iris, 10 charming Primulas, 15 choice Veronicas, etc., with many practical suggestions as to position and culture of same.

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Estimates furnished upon application.

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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

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.

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NARBERTH, PA.

A marvelous LAWN

this new easy way!

Now, your lawn may be converted into the finest turf grown—and at a moderate cost.

A recent discovery has developed an upstanding strain of Creeping Bent grass known as Ferry Hill, possessing all the desirable characteristics of color, texture and sturdiness that have made Creeping Bent the choice of golf clubs and large estates. Small tufts of Ferry Hill placed in your lawn will develop runners which will creep through the old grass and convert your lawn into a rich carpet of Creeping Bent Turf. A simple inexpensive method and has also been developed for new lawns.

When you know more about this unusual way of securing Ferry Hill turf, you will want it. The coupon will bring you full information.

FERRY HILL CREEPING BENT grass

BARROWS GRASS NURSERIES, 1206 Baker Bldg., Dep. A, Minneapolis, Minn.
Send full details about Ferry Hill Creeping Bent Grass for your lawn.

Name
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May, 1928
Order your Bulbs now
Make Delivery Sure, at a Saving of 25%

SPECIAL SPRING OFFER—
We make the following special prices, for orders received before June 1st.

100 DARWIN TULIPS
Grand Assortment made up from $2.75
named sorts, special...

Border Collection of May-flowering Tulips

<table>
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<tr>
<th>Variety</th>
<th>Price for 100 Bulbs</th>
<th>Price for 1,000 Bulbs</th>
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<tr>
<td>Pride of Haarlem (Kuirlan)</td>
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<td>Clara Butt (Oarwln) Pink</td>
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<td>Bnronne de La Tonnaye (Harwin)</td>
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<td>Bartigon (Darwin) Scarlet</td>
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<td>May-Zeppelin Tulips</td>
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Delightful little gems for edgings, Bank Gardens, etc.

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<td>NOTE: You must order 25</td>
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Let us put your name on our list to receive our Autumn catalog of Bulbs.

Seedsmen, Nurserymen
474 Main Street
New Rochelle, N. Y.

Spring Harbingers

Bassière Frères
Established 1895

HARUMS

CREEPING BENT GRASS

(Continued from page 206)

of uniform height and color and one that has shown ability to withstand the wear and tear of continuous traffic.

In the accompanying illustration, which is of a lawn of Vermont Bent, it will be noticed that the only wear showing in the concrete walk is on the steps, whose practically every footfall is likely to occur in exactly the same place. The turf is by no means hurt, but it can be seen that it is worn a little lower on the main walk. This walk was constructed by setting 2 x 4's on edge in the concrete and taking them out again after the walk was paved, leaving a slit four inches deep and two inches wide. The slit was filled with a good sandy loam and the grass planted in the ordinary manner. The intricate curves of the terrace, particularly at the edge of the walk, are in good condition, because with this type of grass it is possible to set the lawn mower up very high, so that there is little scarifying.

This Vermont strain of Creeping Bent Grass has been used with very successful results as a turf for grass tennis courts. Here, again, as in the case of streemous use has been demonstrated. By the introduction of a contrasting colored planting, the tennis court might be marked with turf rather than by the customary artificial methods. In a similar manner, many unusual and pleasing effects could be obtained in the paneling of lawn areas for formal effects by the use of contrasting colored Bents.

The landscape architect frequently desires to embody water in a design without introducing the severity of a stone or brick coping. By beveling the top portion of the masonry walls retaining the water, it has been demonstrated that a perfect piece of turf is possible to the very edge of the water, as Creeping Bent turf is able to exist on nourishment that the stolons which form it obtain from points six to eight inches distant. Such an arrangement would very often be more satisfactory than the introduction of a ground cover to produce the effect of continuous green to the water's edge.

As a solution of the practical construction of grass steps and ramps, this turf has added interest. Its ability to obtain a turf sufficiently tough to withstand the abuse encountered in grass step use has brought this attractive detail in garden design into favor.

This grass will fill every requirement necessary to ensure the practicability of turf steps or ramps—in its great resistance to excessive wear and extremes of temperature, in its creeping habit which will provide continuous and weedless turf over the entire area and in its assistance to the important item of drainage, due to the fact that Bent Grass will really thrive on a very light soil.

For those who are planting the living grass is of decided advantage on terraces or steps banks. After the mass of tangled stolons is spread evenly over the grass,itt can he seen that it is worn a little lower on the main walk. This walk was constructed by setting 2 x 4's on edge in the concrete and taking them out again after the walk was paved, leaving a slit four inches deep and two inches wide. The slit was filled with a good sandy loam and the grass planted in the ordinary manner. The intricate curves of the terrace, particularly at the edge of the walk, are in good condition, because with this type of grass it is possible to set the lawn mower up very high, so that there is little scarifying.

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While the limitations of Creeping Bent, in that there must be what constitutes a replanting of plant material, make it more expensive than seed, yet the cost is not excessive. Except in favored localities it is very much cheaper than sodding, and when you consider the acreage it is very much cheaper than sodding.

Unusually same and showing at every point nice discrimination, in language clear and buoyant, with no rhymes, this work of the Director of the School of Horticulture for Women does indeed "meet a very real need for a simple, practical and up-to-date manual for the amateur (flower) gardener," and in the word amateur the author includes the untrained home gardener of small means. Many small matters, too, often ignored in an elementary treatise, are wisely put in as the trifles that go toward making for perfection. (The term "flower" gardener," and in the word amateur the author includes the untrained home gardener of small means. Many small matters, too, often ignored in an elementary treatise, are wisely put in as the trifles that go toward making for perfection. (The


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HOUSE & GARDEN'S BOOKSHELF

(Continued from page 164)


USUALLY same and showing at every point nice discrimination, in language clear and buoyant, with no rhymes, this work of the Director of the School of Horticulture for Women does indeed "meet a very real need for a simple, practical and up-to-date manual for the amateur (flower) gardener," and in the word amateur the author includes the untrained home gardener of small means. Many small matters, too, often ignored in an elementary treatise, are wisely put in as the trifles that go toward making for perfection. (The

Under the heading of "The Ten-Dollar-Gold-Piece Garden" the

brower can learn how to get the most for his money, if he has no larger sum to spend. The "Notes on Garden Practice" and the Chapter called "The Garden Medicine Shelf," the "Notes on Trees and Shrubs" and "Gardens for Special Seasons and Locations" also are excellent, though climbing vines are omitted, while a Garden Calendar helps to make always seasonable the helperfulness of such a book. Regularly one finds it hard to put into practice at the right time of the year what one reads in a book on gardening.

The latter part of November, the latter part of November is inclined to stake.

The intricate curves of the terrace, particularly at the edge of the walk, are in good condition, because with this type of grass it is possible to set the lawn mower up very high, so that there is little scarifying.

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Proper Protection for Your Garden with

EVER GREEN

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- Entirely harmless to man, animals and birds
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Every year, after being sprayed with Ever Green, there's certain death to the insects that destroy your plants and flowers every year. Ever Green kills all common plant insects yet it is entirely harmless to other plants.

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Ever Green is entirely harmless to man, animals and birds. No danger of anyone being poisoned. Fruits and vegetables are safe to eat after being sprayed with it.

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The killing agent in Ever Green is Pyrethrum, long recognized as a deadly insect killer yet absolutely non-poisonous to other forms of life. Pyrethrum has never before been available in liquid form.

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Ever Green may be used safely on the tenderest plants without fear of "withering" or "burning". Commercial florists use Ever Green to protect their most delicate flowers, such as violets and roses.

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Ever Green comes in liquid form and has a pleasant odor. Just mix with water according to directions and spray. Does not mix with water according to directions.

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Minneapolis, Minn.

THE GARDENER'S SCRAP BOOK

ENRICHING IRIS CLUMPS

To see the zest which most kinds of Iris put into the task of peopling their particular parts of the earth one would naturally assume that these splendid flowers would relish the most nourishing food that could be given to them. Perhaps this is the reason why so many inexperienced gardeners have made the mistake of enriching their Iris plantings with stable or barn-yard manure.

As a matter of fact, fresh manure can easily prove fatal to Iris roots, setting up a condition of rot and over-feeding which is anything but beneficial. If manure is used at all it must be old and thoroughly disintegrated—hardly more than humus. Unless it can be provided in such condition one should fall back on bone meal, which is harmless to the roots and sufficiently stimulating to meet all ordinary requirements.

NEGLECTED NASTURTIUMS

In these days of innumerable new and fine flower introductions there is a tendency to forget some of the old stand-bys among the annuals and perennials. An inevitable situation, of course, if horticulture is to progress as it should; but for all that, there is no need to be ruthless in our advance. As a matter of fact, most of the good novelties that the growers and seedsmen offer today would have been impossible without the background of old-time favorites.

Among the worth-while plants that have been in danger of eclipse by more modern beauties the Nasturtium is one of those that least deserve to be overlooked. In ease of culture, rapid growth, long season, grace of form and foliage, and wide range of blossom beauty it is really outstanding.

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HERBACEOUS PERENNIALS AND FLOWERING SHRUBS

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50 plants each of

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Babysbreath Garden Phlox Blanket Flower Perpetual Pink Canterbury Bells Stokesia Coreopsis Tufted Pansy

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How to build any size pool, how to choose and care for water lilies and other pool plants—every detail of successful water gardening explained in our beautiful new FLYE & CO. water lily catalogue—sent Free.

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Ascot Rose (dark pink), Pale Water Lily, Fairy Punch, Black Swan, Water Lily—25c Postpaid. Take advantage of this special offer. More than 500 novelty and new introductions described in the FREE CATALOGUE.

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The disposal of garbage and rubbish is a real problem. Buy a YARD-BOY INCINERATOR and form all rubbish—the waste and sanitary type. Don't keep rubbish and garbage around to draw vermin, breed disease and create health hazards. Burn it immediately. Depend all dry rubbish and garbage in the

YARD-BOY INCINERATOR

SPARK-PROOF

When filled, drop lighted match on contents at top. Burns compactly, produces no smoke or odor. Endorsed by Health Officials. Recommended by Health Officials.

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1928's new Roses!

We are always searching for novelties—roses which will be satisfactory in your garden, roses gorgeous in color and beautiful in form. Each year we import many roses from Europe, each year we select the new American roses, each year we carry on extensive hybridization work of our own. From this vast number of new varieties we bring to you only the very choicest—roses which we can back up with our Star guarantee! This year we offer:

Dame Edith Helen, H. T.

A great, full rose of the type associated with em­bonpoint and kniRiithood. The large bud, on an erect, well-clothed stem, slowly opens, exhaling that old rose perfume, now so rare. The color from the early bud till the end of the bloom is a solid Paul Neumann pink. Never known to ball. The most magnificent new pink rose of recent years. $2.00 each.

Doris Dickson (Pernet)

Coloring wonderful, but hard to describe—ground color is orange-red, heavily veined and penciled with brilliant cherry-red. Vigorous and hardy. Long-pointed bud, and flowers of medium size, extremely fine fragrant, exquisite form, and borne profusely on good strong stems. Certificate of Merit, N. R. S. $2.00 each.

Lady Margaret Stewart, H. T.

The pointed bud is deep orange, splashed with scarlet; and opens in a large, full bloom of deep sunflower yellow, the reverse of the petals heavily shaded orange-bronze. Very graceful and penciled with bright green. Long leaves of medium size. $10.00 each.

Hybrid Tea foliage. We predict this rose has to describe—ground color is orange-red, heavily veined and penciled with brilliant cherry-red. Vigorous and hardy. Long-pointed bud, and flowers of medium size, extremely fine fragrant, exquisite form, and borne profusely on good strong stems. Certificate of Merit, N. R. S. $2.00 each.

Johnson Water Gardens

Box H & Hynes, California

The painted bud is deep orange, splashed with scarlet; and opens in a large, full bloom of deep sunflower yellow, the reverse of the petals heavily shaded orange-bronze. Very graceful and penciled with bright green. Long leaves of medium size. $10.00 each.

Hybrid Tea foliage. We predict this rose has...
THE GARDENER'S SCRAP BOOK

Given sunlight and reasonably good drainage, Nasturtiums can be depended upon to furnish an apparently inexhaustable supply of flowers that are lovely for cutting as well as garden display. They are among the most adaptable of all plants, one can use them in window boxes, on trellises, over rockwork, to cover old tree stumps or other unsightly objects. They do best in rather poor soil, for good meals cause them to make an over-growth of stems and leaves at the expense of blossoms.

In the better seed catalogs of today are to be found a considerable number of named Nasturtium varieties in both the dwarf type for edging and the tall climbing kind. Each has its particular color or combination of colors, so that the selection of kinds for any desired effect is simple.

SUCCESSION FLOWER PLANTINGS

ONE hears a good deal about succession plantings as a system for prolonging the bearing season of the vegetable garden, but comparatively little attention seems to be paid to a similar plan of treatment for flowers. Indeed, most people never think of applying the principle to any of the blossoming plants.

Succession planting in the flower garden is applicable to the summer-flowering bulbs and many of the annuals; perennials, in the very nature of things, have to be omitted from one’s calculations. Gladioli and Tritonias lend themselves especially well to it.

In general, the procedure is to plant batches of the bulbs or seeds, as the case may be, at intervals slightly less than the normal flowering period of any given plant of the species. Thus, if a plant is accustomed to blossom for three weeks, and then cease, eighteen days should be the interval between the sowing dates. In this way a fresh lot of plants is ready to take up the task of

GLADIOLUS

"Gen of Garden Flowers"

Here are two wonderful NEW varieties that are in class by themselves.

MINUET—The very finest clear lavender in existence. Very large, exquisitely beautiful, each $2.00

RITA BECK—Tall shell pink. Immense bloom— the most beautiful in this color, each $3.00

One bulb of each variety for $3.00

A Whole "Glad" Garden $3.00

SPECIAL "OUT-O-SEASONED" OFFER

100 LARGE BULBS in various shades of Red, Yellow, Pink, Salmon, Blush, Orange, Apricot, White. Contains at least 25 varieties, all past ones, but not labeled at this price—$2.00

MINUET and RITA BECK tall shell pink together for $3.00 or at the two with this reduction for $2.00, all prepaid.

Send for the Catalog that is "different".Listing best varieties from the leading hybridizers of the world.

CHAMPLAIN VIEW GARDENS

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Burlington, Vermont

GUARD YOUR ROSES from Mildew and Black Spot . . .

Preventative acts like magic on mildew-ridden roses and other flowers. Spray a thin, invisible film of Fungtrogen on diseased plants and flowers. It will keep off Mildew or Black Spot under control. Easy to apply. By its use amateur gardeners get professional results, larger blooms, sturdier plants. No dissolutions. No dusting. Fungtrogen is highly concentrated, but easily soluble in water. Sprays perfectly without clinging needle. Prepaid, half-pint $1.25, pint $2.50. Delivey 60 times. Ask your dealer or send check. Write for free bulletin, "Black Spot Control."

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5637 Filbert Street


FUNGTROGEN contains the nitrogenous product Houghton—stimulates growth, Enlarges by leading rosarians.

For Better Gardens—Perfect Flowers

SILL INSECTS

No matter what sizes flowers or trees are infected, "Black Leaf 40% Nicotine" spray kills all insects and sets a reliable array for killing scales, thrips, leaf hopper and similar insects. That is the successful gardener’s best friend. He knows that these pests may appear almost any time of the year.

Easy To Use. Instructions come with every package. The same bottle for 32c makes six gallons of effective spray. Sold also in larger sizes, by drugists, hardware and department stores.

Tobacco By-Products & Chemical Corp., Inc.

Louisville, Ky.

Spray "Black Leaf 40% Nicotine"

Kills Aphids 40"
THE GARDENER'S SCRAP BOOK

flower production where the last lot relinquishes it. The season is terminated only by the arrival of autumn frosts.

With many species, a plan like this enables one to double or even treble the ordinary flowering season.

LET THE BULBS RIPEN

In the case of Narcissi, Crocuses, Scillas and other spring-flowering bulbs that are used for lawn planting and naturalizing it is a cardinal principle to refrain from cutting down their foliage until it has withered and turned yellow for a considerable space at the tip. If lawn mower or scythe is used on the plantings before this color change occurs there will be grave danger that the bulbs will be weakened and unable to put forth their best efforts next year. The physiology of the situation is simple enough:

The health and strength of a bulb—or of any terrestrial plant—demand that it have roots for gathering food from the soil and foliage to assist in converting them into living tissues. If the work of either of these essential parts is interfered with during the season of activity the heart of the whole organism is going to be seriously harmed.

Such injury is precisely what occurs when a bulb's leaves are cut down before they have completed their job of helping to restore the strength which the corn has put forth in the production of blossoms. Unless full and favorable opportunity is given for the bulb to recuperate and store up vitality for the formation of new buds deep within itself there simply won't be any buds. In other words, there will be no normal "ripening."

It follows, of course, that nearly all of the foliage must be left intact if any of the blossom stalks are cut for the house. Gathering the flowers will do no harm in itself, but better leave the foliage—almost if not completely intact.

ARE YOU A LOVER OF DELPHINIUMS

IRIS, COLUMBINES and LUPINS

The Finest Things for a Garden

You will be interested in our catalog and booklets describing these lovely, hardy plants, and hints of how to succeed with them. My illustrated Iris catalog is highly interesting and instructive; it contains valuable articles by Blue Dukes and Sue Hunt, and describes over 270 of the world's best old and new lines.

My New Delphinium Booklet tells you everything you want to know about the successful growing of this lovely "Blue Queen of The Hardy Garden," and describes in detail my favorite "Glory of Puget Sound Strain" of Double Flowering Delphiniums—windmill types, and the new wonderful California Giant Dahlias. It also describes in detail my "Blue Dukes" Iris and Delphiniums—Blue Dukes and Sue Hunt, and describes in detail my favorite "Glory of Puget Sound Strain" of Double Flowering Delphiniums—windmill types, and the new wonderful California Giant Dahlias. It also describes in detail my favorite "Blue Dukes" Iris and Delphiniums—Blue Dukes.

O. M. PUDOR Iris and Delphiniums

Dept. H, PUYALLUP, WASH. U. S. A.

New Charm for Your Garden

with White Art Stone Garden Pieces

Free Folder of Bird Baths, Sun Dials, Gazing Globes, Fountains, Vases, Pedestals.

ORNAMENTAL CONCRETE CO.

2600 Edward Creighton Ave.

Omaha, Neb.

The Happy Little SONG BIRDS are looking for Homes

Why not invite them to your grounds by putting up homemade bird houses to fill the needs and habits of each little tribe? Enjoy seeing and hearing the beautiful little song birds singing in the shrubbery and trees on your property.

The Happy Little SONG BIRDS are looking for Homes

Eaton House

13024 4M Ave., Seattle, Wash.

Macy House

1743 5th Ave., Seattle, Wash.

Wren House

700 3rd Ave., Seattle, Wash.

Martin House

1002 8th Ave., Seattle, Wash.

Robin House

1012 8th Ave., Seattle, Wash.

Sparrow House

1016 8th Ave., Seattle, Wash.

Indians House

1008 8th Ave., Seattle, Wash.

Nestling House

1010 8th Ave., Seattle, Wash.

Finch House

1006 8th Ave., Seattle, Wash.

Mouse House

1004 8th Ave., Seattle, Wash.

Wren House

1018 8th Ave., Seattle, Wash.

Finch House

1006 8th Ave., Seattle, Wash.

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**Soilife**

"Makes Better Lawns and Gardens"

"It is the ideal fertilizer for the lawn. I used it liberally in growing our Dahlias, which I understand from different remarks, were the finest in the vicinity of Cleveland."

WM. MAHLER
Gardener to O. F. and M. J. Van Sweringen
Shaker Heights, Ohio

Soilife is a dried natural humus, free from odor and weed seeds

**PRICES**

Freight prepaid to your station

1...100 lb. bag $2.50
5...100 lb. bags 11.00
10...100 lb. bags 20.00
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Check or draft to accompany order

Write for Booklet

The Soilife Humus Co., Inc.
721 Genesee Building
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**THE GARDENER'S SCRAP BOOK**

**BE CAREFUL OF THE WILDFLOWERS**

**EVERY** year sees an increase of interest in the garden use of native plant material and, with the constantly growing numbers of those who go forth into the woods and fields, an increase in the need for wildflower protection. The time has already come when certain of our more attractive flowers have disappeared from many of their old haunts, and serious inroads have been made upon the ranks of others. Most emphatically there is need for care and sane protective measures on the part of the flower-loving public in particular.

Properly managed, the transplanting of moderate quantities of herbaceous wildflowers and desirable shrubs to the home grounds is a good conservation as well as a source of keen pleasure, for it assures the future of at least those individual plants which are concerned. Without intelligent care and sufficient knowledge to bring about success, it is little short of flower murder. So be sure of what you are doing before you start in to bring the woods and fields to your door, so to speak.

The success of such transplanting hinges largely upon providing, in the new site, growing conditions identical with those from which the particular plant has come. Exposure, degree of moisture, soil consistency and chemical content—all must be right. It is especially important, with many kinds of plants, to provide a specific condition of soil acidity or alkalinity, as the case may be. A chemical test is the only sure way of determining this last matter. Special testing sets are available for the purpose.

House & Garden cannot too strongly stress the pleasures of the garden of native plants and the importance of going about its creation only in the right way. There are excellent books on the subject whose titles we will be glad to supply upon request.

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**YOUR SPRINGTIME MOWING**

With the sunshine of May, grass cutting begins in earnest. Moto-Mower will mow your lawn quickly, easily, economically. A simple twist of the handle-grips turns it to right or left, on its own power. Does splendid work, cuts clean and evenly, close to trees and curbs. Return the coupon for our latest catalog.

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**SAVO**

Steel Flower and Plant Box

**Self-Watering and Sub-Irrigating**

*For Windows, Porches, Ledges, Sun Parlors, Etc.*

You can move Savo Boxes indoors or out and have beautiful flowers and plants the year round. Leak proof and rust proof. Perfect A.I.R. circulation and drainage. Aluminum or Dark Green enamel finish. Six sizes. Most efficient Flower and Plant Box made.

*Ask your dealer or write for FREE Catalog*

Savo Manufacturing Co. Dept. F5 111 W. Monroe St., Chicago

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**SCOTT'S CREEPING BENT FOR PERFECT LAWNS**

Is saving money not my idea

**THAT IS, saving money at the expense of dependability. No doubt, I could buy cheaper flashlight batteries than Eveready, but I'm taking no chances. When I press the switch, I want LIGHT.**

I use Eveready Batteries on my radio set and Eveready Batteries in my flashlight. They are made by the same people in the same shops. And how! It's sometimes a matter of life or death. What's a penny or two then?

Get the flashlight habit. A good flashlight is always a convenience — often a life-saver. And the battery is terribly important!
THE GARDENER'S SCRAP BOOK

SPRING AND SUMMER MULCHES

By this time of the year the winter mulches have gone the eventual way of all other good and faithful servants, and many a gardener has put such matters from his thoughts until next autumn. Only here and there will be found one who knows and needs the summer mulch, useful cousin to the cold weather blanket of two months ago.

The principal purposes of the spring and summer mulch are to keep plant roots cool and check the surface evaporation of soil moisture. It is invaluable to newly planted trees and shrubs which are faced with the task of establishing themselves at a time of year when much of their energy is normally given to making top growth. Under its stabilizing protection the roots of such plant material find their best chances to do their necessary work in the new site. Even though you can and do water the shrub or tree regularly the mulch is a wise precaution, especially in exposed, sunny situations.

There are several kinds of mulching materials. Of double value is straw, fairly old manure, for it has enriching as well as protective qualities. Straw and hay, too, as well as grass clippings, are good if not applied so thickly as to result in their heating and "burning." Dead leaves also have their place in the list, as do dead Pine needles for such plants as require an acid soil. And last but very far from least is the finely granulated humus known as peat moss, which has marked moisture-holding properties and is of neat appearance when in place.

As to the thickness of the growing-season mulch, a good deal depends upon the material used, the site, and the size and kind of the plant material which is to be protected. As a rule, a depth of three to four inches will be right.
White as snow

SAM-FLUSH will keep the toilet spotless. It is easy to use, efficient, and thorough. It takes the unpleasantness out of a very necessary household task.

Just sprinkle a little Sani-Flush into the toilet bowl, following directions on the can, and flush. Stains, marks and incrustations disappear. Odors vanish, for Sani-Flush reaches the hidden trap.

Sani-Flush is harmless to plumbing. Always keep it handy.

Buy Sani-Flush in new punch-top can at grocery, drug or hardware store, 25c. Canada, 35c.

Sani-Flush

Cleans Closet Bowls Without Scrubbing
THE HYGIENIC PRODUCTS CO.
Canton, Ohio
Also manufacturers of Mako

Silver Lake
Sash Cord
Solid braided—100% cotton. Look for the name stamped on every foot of cord.

SILVER LAKE CO.
Newtonville, Mass.

Silver of Shower Curtains
Waterproof Colored Silk
Not Rubberized

HERE'S something new and different in bathroom beauty. PROTEXWEL means colored silk shower curtains (and window curtains to match). Waterproofed a new way—not rubberized. Your choice of solid colors, checks, bars or flowers—36 designs match any color scheme. Price, 3 ft. x 6 ft., $7.50 . . . 6 x 6, $15.00. Price extra on window curtains (send size). Interior decoration experts recommend proper drapes. Send money order now, merely stating your color scheme. Satisfaction guaranteed or money refunded. PROTEXWEL is sold by all department stores of the finer sort. Chat this over with your interior decorator. PROTEXWEL CORP., Dept. E-20, 589 E. Illinois St., Chicago, III.

The Lasting Beauty
Of Marble

The lasting beauty of white marble finds a worthy rival in the eternal whiteness and beauty of the "STASCO" Pyralin finished seat. It's fully guaranteed against cracking, chipping and discoloration . . . easily kept clean and sanitary with the wipe of a damp cloth . . . and made to fit any standard measurement toilet bowl.

Write for our illustrated booklet and then have your plumber show you the quality of STASCO Seats.

Standard Tank & Seat Company
Camden, N. J.

Protexwel

New Kind of Shower Curtains
Waterproof Colored Silk
Not Rubberized

Architectural Service
Protects You

1: Architectural service is not an expense
An architect will harmonize your building requirements with your budget. Acting as your agent, he will protect your interests. His plans and specifications are documents that enable you to secure the benefit of the lowest market cost, consistent with quality, through competitive bids. Supervision of construction by the man who drew the plans and specifications insures your obtaining what you pay for.

2: Your individuality will be expressed and your personal requirements will be met
An architect studies your personality, mode of living, individual family requirements and provides a custom-built house suitable for your needs.

3: It assures a house of greater convenience and character
An architect imparts good taste and the fundamental principles of good design to the exterior and interior. His knowledge of good planning, applied to your particular problem, will secure greater convenience and a greater proportion of usable space.

4: The House will fit its site and environment
The architect's experience may be counted upon to design a house that meets the requirements of the site.

5: A well designed house insures low maintenance cost and higher resale value
The resale value of a house is largely dependent upon the quality of its design, convenience of its plan and low maintenance cost. Competent architectural service will assure these qualities.

This advertisement is inserted by THE AMERICAN ARCHITECT (founded 1878), a professional journal for architects published in New York City. The staff will gladly supply more complete information about architectural service and its utilization.
The closed body you see on the lowest priced General Motors car is the equal in every fundamental factor to the body of the finest, costliest car ever built. For the body of that lowest priced car—like the closed bodies of all General Motors cars—is a Body by Fisher—and Fisher employs a single standard of craftsmanship. In the building of all Fisher Bodies only that construction and engineering recognized as the best are employed. Fisher always serves quality and value first.
The great change has come in Plumbing Fixtures

That change has to do neither with material nor usefulness. It has to do with design. Therein lay the promise of finer plumbing fixtures and finer bathrooms.

For years plumbing fixtures have been more practical than beautiful. Styles were standardized. Individuality was priceless because unobtainable.

Then "Standard" designers visioned a way to greater distinction in plumbing fixtures. That way was not to turn from today's ideal materials to the marble slab with cemented-in bowl, rococo and reminiscent of the brownstone fronts of the Eighties. It was to create finer forms, and then to improve manufacturing processes that these forms might be modeled and fired in genuine vitreous china.

So they originated designs, not forgetting that simplicity is an art from which beauty springs—even in vitreous china plumbing fixtures. Plumbing fixtures, yes, but you will very likely think of them as fine bathroom furniture when you have seen them at a "Standard" showroom or illustrations of them in the book "Standard" Plumbing Fixtures for the Home. Your copy will be sent on request.

Prices of "Standard" Plumbing Fixtures in the bathroom illustrated above, with fittings of hexagonal design in smooth Chromard finish, not including cost of installation: 5½ foot Woodmere Bath of Acid-Resisting Enamel with combination bath and shower fittings, $290; Templeton Lavatory, $540; Purimo Water Closet, $120; Portal Dental Lavatory (not illustrated above but described in the book) $60. These fixtures are available at additional cost in black and seven beautiful color shades. Fittings are also available in gold plate or Chromard, with hand-hammered panels of Chromard, antique or green gold. Prices on request.

PITTSBURGH
DAVID WARFIELD
Noted Star of the Stage
writes:

“Among other things, when young actors come to me for advice, I always say, ‘Take care of your voice, cultivate it—and watch your smoking.’ Usually they eye the cigarette in my hand with some suspicion. And then, I offer them a Lucky Strike—a cigarette I smoke freely, and have yet to feel the slightest effect on my throat. I’ve been told that toasting does that for this cigarette. When I smoke ‘Luckies’ my throat is beautifully clear and unruffled.”

“It’s toasted”
No Throat Irritation No Cough.

The Cream of the Tobacco Crop.