now, as always, "the easiest riding car in the world" +
+ when the cool pungency of the deep woods tells you the day's run is near to an end, you climb the damp back-road with a renewed appreciation of the very real riding ease and road-ability of this Marmon 75 + behind you are fleet, effortless, velvet miles—and you have reached untired the quiet of pine and birch and rushing trout stream + there is no apprehension as to the road conditions of that last lap into the woods. Mud, gravel, ruts, slippery ascent or sharp ravine—they are unnoticed incidents to a Marmon 75. It takes them as serenely as it took boulevard and paved highway. And arrives at the journey's end un-winded, its nose as cool as that breath from the starred lake—its passengers fresh for the delights of sizzling bacon and crisp trout, and the fragrance of blue wood smoke ++ Comprehensive selection of custom-built and standard bodies, on the famous precision-made Marmon 75 chassis, $3195 and upward. Also, the little Marmon 8, "America's first truly fine small car"—$1795 and upward—prices f. o. b. factory ++

MARMON SERIES 75

+ + to Moosehead Lake, Maine, from Boston; distance 295 miles; average running time in a Marmon 75, eight hours forty-five minutes. Leaving Copley Plaza, Boston, at 8 a.m., arrive in Poland Springs for luncheon 11:45 a.m. Leave the Springs at 1 p.m.—arrive at Greenville, Maine (on Moosehead) at 6 p.m. + +
Tiffany & Co.
Jewelers Silversmiths Stationers

Silverware

Fifth Avenue & 37th Street
New York

Paris
25 Rue de la Paix

London, W1
25 Maddox Street
Bain de Champagne
Cannon
Paris

An exquisite Bath and toilet Preparation
WHEN a beautiful hand quickens into action . . . to welcome a guest, to light a cigarette, to add a skilful gesture to a conversation . . . then it is plain to see why women have loved so long to wear rings upon their fingers.

Here, an emerald moves in crescents of burning green. There, a star sapphire turns in a spiral of blue. A ruby traces curt arcs of color. A smoldering opal curves into the firelight with a burst of peacock blues and greens. A diamond laces the air with rainbows of colored light. . . . Wherever distinguished women gather, their rings weave brilliant patterns. And many of the handsomest of these rings are signed with the name of this firm.

For leading families realized long ago that Marcus & Company specialize in the selection of precious stones. It is common knowledge among notable people that there may be seen here many of the most beautiful and valuable jewels to be found anywhere in the world. . . . Only the other day Mr. Chapin Marcus returned from Paris with a new and distinguished collection of jewels of unusual merit, together with an exceptionally interesting display of semi-precious stones, reasonably priced.

Marquise and emerald cut diamond rings from $35,000 to $1500. Emerald rings from $20,000 to $1000. Pearl rings from $15,000 to $750. Sapphire rings from $10,000 to $500. Black opals, star rubies and star sapphires, and many other gems in new and distinctive mountings, from $5000 to $500.

MARCUS & COMPANY
JEWELERS
At the corner of 5th Avenue and 45th Street, New York City, and Palm Beach, Florida
LATEST CREATION

SHALIMAR

PLAIN OR WITH THE RARE FRAGRANCE OF THE FAMED SHALIMAR
RESOURCEFUL DECORATION

Decoration means more than furniture. It means a co-ordination of all the things that make the complete interior—rugs, draperies, lamps and other decorative accessories. And women who appreciate the importance of correctness in all the appointments of the home are selecting their china and glassware and their household linens at the same time that they plan the general furnishing of their homes.

When we speak of "resourceful decoration" we mean that three floors in Altman's have been rearranged for this purpose. On the Seventh Floor there is a sequence of beautiful interiors showing Altman furniture in complete settings. The extensive galleries of Antiques are on the same floor, and also Treasure Trove, the shop of unusual gifts, and the Department of Interior Decoration.

On the Fifth Floor, Altman's well-known rugs and floor coverings and the extensive lamp department.

On the Fourth Floor, upholstery fabrics, garden furniture and a greatly enlarged china and glassware department, including the Crystal Room. Decorative and household linens are also on this floor, as well as blankets and comfortables.

With these resources, as well as those of the entire establishment, we announce

CASA ALTA

Organized for COMPLETE HOME FURNISHING

B. ALTMAN & Co.

New York
Never has it happened before ... that the use of the private parfums of the most illustrious family of Paris ... one of the nobility of France ... has been privileged to others. This privilege was granted at the insistence of the aristocracy of Paris that parfums of such inimitable exquisiteness ... of such long-lasting odeurs ... should not be withheld from those of similarly exacting tastes. It was granted first to the intimes of this famous family ... then to its native France ... and now to America ... where PARFUMS ISABEY may be obtained at the smartest stores.

The Isabey odeurs, now the vogue in Paris, are: BLEU DE CHINE, LYS, AMBRE DE CARThAGE, SOURIRE FLEURI and DIVERTISSEMENT.

BOTTLED, SEALED AND PACKAGED IN FRANCE

PARIS
THE Corner Shop at Macy's meets the ever increasing demand for furniture done in the modern manner, with a varied collection of distinctive small pieces. Chairs and tea tables, flower boxes and plant stands, book cases and cabinets—all refreshingly bright in color, and executed in the very spirit of the times. Their interesting shapes, amusing, unusual and intricate, will do much to create a smart atmosphere for the sunroom, porch or summer living room.

MACY’S
34th St. and Broadway, New York
A Charming Queensware Pattern

One of the most appealing patterns to be found in a Queensware table service is Floral, designed by the English artist, Mr. J. C. Goodwin. A delightful blending of bright colors enter into the decoration, which is applied under the glaze, and hence is permanent. The Queen shape, originally modelled a century and a half ago, has been chosen for Floral, the rich cream ground and graceful forms of the pieces lending a perfect setting to the colorful decoration. Floral and many other beautiful patterns will be found in the stores in open stock; hence, one may purchase an entire service or, if preferred, start a set with any selection of pieces desired.

A copy of our illustrated historical booklet "C" will be sent upon receipt of four cents postage.

Josiah Wedgwood & Sons, Inc.

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

Mark on China

Old Turning Lathe, Etruria Potteries
Reproductions of Fine Old Designs

Find a Place in Summer Homes

True copies of furniture and accessories from the farmhouses of New England, the cottages of Old England, the provinces of France. Hooked rugs in picturesque patterns. Quaint pewter, colorful lamps, and patchwork quilts. Many things—large and small—that bring the charm of the informal, pleasant living of the Colonial countryside to modern summer homes.

DEPARTMENT OF
Antiques, Decoration and Reproductions

Seventh and Eighth Floors

Lord & Taylor
FIFTH AVENUE • NEW YORK
Magnificence during the sixteenth century in France, especially marked in the sumptuous elegance of palace and home furnishings, is most faithfully reflected in this beautiful and artistic Louis XV model of the Vose Piano. It will charmingly grace any home and appeal strongly to every cultivated taste. The true Vose tone, renowned throughout the world for its sweetness and permanence, is a feature of this beautiful Vose and no less distinctive than the artistic model itself.

We will gladly furnish floor plan and full particulars regarding our convenient monthly payment terms. Vose Pianos are also made in other exquisitely masterpieces in period and art models.

Vose & Sons Piano Co., 152 Boylston Street, Boston, Mass.
Italian Well Head and Base in Red Verona Marble, $1,800. Iron tops of suitable design, imported or hand wrought in our own shops.

Istrian Stone Semi-circular Seat from Italy, $750.

Garden Furniture
Imported from Italy

A few pieces, properly chosen, add so much to a garden. Often a single seat, a column, or an urn, will make a difficult corner attractive and unusual. It imparts a touch of beauty available in no other way.

Our collection contains many rare and interesting pieces of marble and stone garden furniture, genuine antiques from old Italian Villas. They bring with them the atmosphere of romance of other days when Rome was the center of the world’s culture.

If you are a lover of beautiful things, you will enjoy a visit to one of our shops. But if you cannot come, write us of your needs and we will send photographs of available pieces; also booklet telling the story of our service. Address us at New York, Dept. HG.

Istrian Stone Bench from Italy. Length 55 inches, height 19 inches, width 13 inches. $60.

GENUINE ANTIQUE AND MODERN MANTELS UP TO $8,000 ANDIRONS UP TO $800 A PAIR WITH FIRESETS AND FIXTURES TO MATCH

Wm. H. Jackson Company
ESTABLISHED IN THE YEAR 1827
2 WEST 47TH STREET 318 N. MICHIGAN AVE.
NEW YORK CHICAGO
THE OLDEST HOUSE OF ITS KIND IN AMERICA
OME gifts have a way of expressing beautiful sentiment better than others. Their unusual charm and loveliness seem more eloquent, indeed, than any spoken word. HEIRLOOM PLATE is such a gift! But in its everlasting usefulness, it possesses a quality of even greater value. The bride to whom you give Heirloom Plate today will admire your taste and judgment the more with each passing year. For the beauty and utility of Heirloom Plate are as endless as the wedding band itself—symbol of unending love and devotion.

Give Heirloom Plate! You may buy it in single pieces or complete sets, all delightfully boxed for gift purposes. At your Jewelers; or write us for prices and descriptive folders and name of the nearest dealer.

WM. A. ROGERS, LTD., NIAGARA FALLS, N. Y.
As if the Master Workers of Old Plied Their Craft for the House of Sloane

We have gathered together a group of craftsmen who know the secrets of the men who made furniture history. English furniture of practically every type: Spanish, Italian, French and American—all of these are faithfully reproduced from fine old pieces—pieces which are authentic antiques, every one of them.

This organization—known as the Company of Master Craftsmen, Inc.—has been organized to produce the finest furniture and cabinet work. Their entire output is controlled by W. & J. Sloane. Thus we are able to offer authentic reproductions moderately priced.

Some of the originals from which we have made reproductions are on display at our Fifth Avenue store. Replicas of acknowledged masterpieces and other furniture designed especially for modern requirements are also shown.

Those contemplating the furnishing and decorating of the home, will find a visit of inspection helpful.

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Those contemplating the furnishing and decorating of the home, will find a visit of inspection helpful.

W. & J. SLOANE
Fifth Avenue at 47th Street, New York
SAN FRANCISCO • WASHINGTON
MODERNISM - with the fabric of the ancients

You can use PEPPERELL PLAINCLOTH as the Frankl Galleries use it for effective, inexpensive SCREENS, CUSHIONS, DRAPERIES

PROBABLY no new venture in the art of interiors has made more impression than the modernistic furniture and brilliant draperies conceived by the Frankl Galleries in New York.

Paul Frankl, the genius who creates this material, calls it "expressive of the modern scheme of life."

So for many of his most interesting objects, he uses the decorative material of the ancients - Pepperell Plaincloth, which the famous Pepperell Mills revived.

It is so inexpensive that you may use it lavishly; so adaptable that it works into everything from shoe-bags to formal screens, from candlewick bedspreads to hand-painted over-draperies, from slip-covers to modern "tapestries." It is so strong that it lasts indefinitely, and so warm in its tone that it complements any decorative needlework, fabric-paint, colored wool, or piping.

And best of all, Pepperell Plaincloth is ready for you in any length at most department stores.

A BOOK-CORNER in the modern manner: here, beside his skyscraper bookcase, Paul Frankl places a deep, low, geometric chair. In the chair is a small down pillow, covered with Pepperell Unbleached Plaincloth, decorated in a bizarre scheme of singing pinks and greens and chrome (with a brusk) and piped with a single color-line of tape. The coolie-hat lampshade, again, is Plaincloth stretched, painted, varnished. Behind the chair stands a stunning screen; about one dollar's worth of Plaincloth, stretched and tacked, then painted with a million dollars' worth of good taste, to represent dusky Diana spearing halibut, amid the green foliage on the banks of the Hudson. The draperies at the window are no more mystical than Plaincloth again—dyed to sound the color-note of the study.

You'll want the descriptive portfolio in which famous decorators instruct you how to use Pepperell Plaincloth in countless interesting ways. Send cents for it to PEPPERELL MANUFACTURING COMPANY, 43 Franklin Street, Boston.
A wide variety of Period designs, deftly adapted to modern requirements, make Kittinger Furniture of particular interest to those who appreciate distinction in home furnishings. Through the creation of new values, every modern home can now afford pieces that are authentic, individual, expressive.

A Sheraton sofa, the "Virginia," is delicately fashioned of Solid Mahogany and adds grace to a fine Colonial interior. An appropriate chair of Sheraton influence, upholstered in colorful crewel embroidery, groups well with a charming Georgian pier-case or cabinet, available either in Solid Maple or Walnut, brightened with hand decorations and a fascinating and colorful background between shelves.

The finest examples of Period craftsmanship are now offered at worthwhile price savings due to the skill of Kittinger designing and efficient production.

Let us send you the booklet, "Living Room Furniture by Kittinger."

Kittinger Company ~ 1893 Elmwood Avenue, Buffalo, N. Y.

KITTINGER DISTINCTIVE FURNITURE
What is the most talked-of thing among well-informed motorists today?

That part of the public which is best informed and habitually most careful in its judgments, insists upon Relaxed Motoring and is therefore emphatic in its preference for the Stabilized car. Relaxed Motoring is now built into three of every five cars selling at $2,000 or more. Other thousands of cars in every price-class are being Stabilated by car dealers in order to meet the insistent demand for cars that will ride as people want them to ride. Your present car can be Stabilated for Relaxed Motoring in a few hours. See your car dealer or your local Stabilator dealer. The principle of Stabilation was created and is exclusively controlled by the John Warren Watson Company. This principle is found only in Watson Stabilators.

JOHN WARREN WATSON COMPANY, PHILADELPHIA, PA. DETROIT BRANCH: 3081-3083 GRAND BOULEVARD, EAST
Scene at right shows bedroom grouping of Stickley Early American Furniture. From left to right the pieces are as follows:
No. 5001 Butterfly Table
No. 5017 Chair
No. 5000 Chest of drawers with mirror
No. 5000 1/2 Bed
No. 3000 Night table
No. 3000 Rush seat chair
No. 3000 Desk

Nothing Else
Conforms So Well —

Nearly all (85%) of the new homes and apartments are architecturally “Early American.” Sooner or later you are almost sure to live in one of them. Therefore, whenever you buy furniture, buy Early American from an authentic source. Nothing else conforms so well.

Early American from Stickley's exactly duplicates the original collection pieces. Its beauty, strength, durability, comfort and historical correctness are unquestioned. It is of course made from the same native woods (maple or cherry or sometimes pine) which the early masters used exclusively. Ideal for homes, apartments, clubs, hotels, etc. For every purpose in every room.

Every piece of Stickley carries the Stickley-Fayetteville name burnt into some inconspicuous place—vital assurance of quality and authenticity. See the name before you buy. Nearest dealer's address and descriptive booklet mailed on request.

Note: Visitors are always welcome at the famous L. & J. G. Stickley collection and workshop, Fayetteville, N. Y.

Early American
Built by
Stickley
Of Fayetteville, N.Y.
Presenting to brides
Sterling radiantly

OH, GAY JUNE BRIDE, is it new beauty you are seeking?
Here—in the Seville, latest Towle Sterling pattern—is solid silver that is new and fresh as Tomorrow! Where have you met in silver a spoon like this Seville?

In spirit and contours—modern, American
See those finely modeled shoulders—uniquely new in solid silver. Notice those softly rounded moldings set off by striking long black lines. How daringly they bring out the sweeping beauty of the panel! How they lead your eyes to the graceful arching crest!

There is a spirit in the Seville that is new. For the first time the soaring strength and vigor that express our modern America have been translated into solid silver—and by the Towle designers!

In delicate ornament—Spanish
And, with that unerring artistry bequeathed them by their craft forebears since 1690, Towle designers have reflected in the Seville our modern hunger for a finesse such as romantic Spain seems to lend. See that vargueso (var-gwen-yo) ornament with its delicate interlacing filigree in charming low relief. Back through early Spanish-American colonies it traces its origin, to the finely wrought metal work of ancient Seville, treasure city of Spanish art and architecture!

Yes, if you seek a new beauty that interprets the modern spirit, if you would have silver that is exclusive and different yet of lasting loveliness—the Seville is your pattern.

But—there are so many brides, so many moods! What if you desire in your silver a beauty that grew out of Yesterday but is still of Today?
Then, too, the answer is—Towle Sterling!

TOWLE
Solid Silver Exclusively

Tea set (5 pieces) ........................................ $100.00
Dish (for fruit salad, ice cream, etc.) 12 3/4 in. .......................... 6.00
Platter (for sandwiches, cakes, etc.) 20 in. ................................ 18.00
For the Towle Silversmiths, among all silver designers, have gleaned the best from the old and interpreted it anew with modern taste and feeling.

**Simplicity of a Puritan day**

Here in the La Fayette, for example, Towle has caught and expressed for you in a fresh and charming fashion, Early American simplicity at its purest. And in the Mary Chilton you find all the quaint reserve of Puritan days—with added grace of modeling to meet our modern preference.

Towle has given a lovely modern interpretation to the finest tradition in the Virginia Carvel with its bell-flower garland borrowed from a rare Colonial antique. In the Lady Constance with its curving silhouette, its fine detail. In the Lady Mary with its gentle English dignity.

**A courtly grace that is French**

And in the Louis XIV and d'Orleans—how perfectly has Towle adapted for today's American homes the courtly distinction of the finest French decorative periods!

**For you—FREE—**

The Book of Solid Silver

"What Sterling Silver Really Is," "How the Connoisseur Judges Solid Silver," "How to Select Your Own Set of Solid Silver,"—all these questions about solid silver and many more are answered in a charming little blue-and-ivory book we have made for you (price at retail $1.00). It is yours without charge. Simply send us the coupon with your name and address, and the name of your jeweler.

THE TOWLE SILVERSMITHS,
Newburyport, Mass.

Please send me a copy of The Book of Solid Silver

Name: ____________________________
Street: ____________________________
City and State: ____________________
My jeweler is ____________________
Of Course, There Are Imitations, But—

IMITATIONS of marble—those manufactured products claimed to be "almost as good"—serve only to emphasize the matchless and incomparable standard of marble. All of them recognize marble as the ultimate.

Genuine marble is unmistakable—in its beauty, its gleaming depth of surface, its veining and coloring. It is alive... vibrant with vitality from Nature's own laboratories. And its ultimate cost is no more than the average lifeless imitation.

A series of illustrated folders detailing the advantages of marble in both public buildings and the home are yours for the asking. Write to Department E-6 for the ones that interest you—no obligation, of course.

NATIONAL ASSOCIATION of MARBLE DEALERS
ROCKEFELLER BUILDING • CLEVELAND • OHIO

There is No Substitute for Marble.
To the guardians of the family budget...

*is one-third your fuel-money worth saving?*

Celotex can save it...and bring new home comfort all year 'round.

It is always hard to make both ends meet...and buy all the things you want for your family.

Wouldn't it be a real help if you could cut your fuel-budget by a third? You can do it as thousands of others have, with Celotex in the walls and roof of your house. This modern building material keeps your furnace heat inside. It keeps your home safely snug and warm all winter long...free from dangerous draughts.

And in summer, Celotex shuts out stifling heat. It means cool, refreshing rooms no matter what the thermometer says outside.

Celotex has made this new year 'round comfort, new fuel-economy and new health protection possible in every home.

Made in big, strong boards from one of the toughest fibres known, Celotex shuts out heat and cold as it builds. Unlike other insulating materials, Celotex replaces wood sheathing, lath, building paper and wallboards (see the illustration below). Thus, it is not an extra item to buy or install. Celotex costs little or nothing more than the materials it replaces.

Celotex means greater comfort and better health for you and all your family...money saved that will buy more of the things that make life worth living...freedom from heating worry and less furnace drudgery.

Ask your architect, contractor or lumber dealer about the use of Celotex in your home...new or old. Leaders in these lines advise its use. All lumber dealers can supply it.

And mail the coupon below for the free Celotex Building Book. Its 32 pages are filled with interesting pictures and facts that will mean more comfort in your home and more money in your pocket.

**THE CELOTEX COMPANY, CHICAGO, ILL.**

Mills: New Orleans, La. Branch Sales Offices in many principal cities (See telephone books for addresses)

Canadian Representatives: Alexander Murray & Co., Ltd.

Montreal, Toronto, Halifax, Winnipeg, Vancouver

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**How Celotex Is Used**

Celotex should always be built into both roof and walls. (1) As sheathing, Celotex replaces wood lumber and building paper...adds strength...costs no more.

(2) Under plaster, replacing lath, Celotex builds stronger walls and ceilings...less apt to crack...free from lath marks. (3) and (4) Celotex is used as interior finish and attic lining either in its natural tan color or decorated. (5) As roof sheathing, Celotex provides insulation where it is most needed. (6) As garage lining it helps protect the car against freezing.

---

**CELOTEX**

**INSULATING LUMBER**
Which of these showers will you install?

Below are shown three of the most popular types of Speakman Showers and bath fixtures. The description under each shower will tell you its features.

In addition, all have valves with renewable High Seats—in case they ever wear out years from now; swivel discs reduce the wear on washers. The washers themselves are encased as a further protection against wear. All threads are deeply cut and working parts are extra heavy. Castings are heavy and non-porous. Escutcheons and handles are fine china—proof against chipping, cracking and crazing.

These showers and fixtures can be had in either nickel or SPEAKMAN CHROMIUM PLATE. The latter is a new remarkable finish which has a silver-platinum lustre—is so hard that it will never wear off—is always bright and never tarnishes.

We shall be glad to send you folders and other literature describing and illustrating not only Speakman Showers and Bath Fixtures, but Speakman lavatory and sink fixtures as well.

SPEAKMAN COMPANY, Wilmington, Delaware
“The House of a Thousand Surprises”

Beautiful in design and completely equipped, typical of the houses investment builders are constructing today.

Today, a happy discovery awaits the home buyer who is unfamiliar with the advanced type of houses constructed by investment builders.

Amazing progress has been made in this specialized field of building. The proof is available in every community. Houses of individuality, rich in architectural beauty and completely equipped to satisfy every demand of modern living are “For Sale” and ready to occupy.

The builders of these houses, having their own money invested in them, naturally abide by the highest standards to protect their investment. Hence they include well-known, dependable equipment which is essential to the home-buyer’s satisfaction.

Standard Heating Equipment

The Minneapolis Heat Regulator is generally foremost on the list. Because it insures uniform temperature, eliminates the bother of watching dampers and drafts, and reduces fuel bills \(\frac{1}{3}\) to \(\frac{2}{3}\), leading investment builders have adopted the Minneapolis as standard equipment. Look for the Minneapolis in the homes you inspect. The builder who includes it, usually follows the highest standards throughout his houses.

Mail the coupon and we will gladly send you a free booklet on Minneapolis regulation.

Model 77—8-day 7-Jewel Clock
Hot Days and Nights are Coming

Make Your Home more comfortably Cool...

Shut Out the Heat with Flax-li-num

Remember last summer—those hot days—and those nights when the upstairs rooms were so hot that rest was impossible? Why suffer with such discomfort when it is so easy to shut out the heat that pours through ordinary roofs and makes an oven of your home?

Correct construction provides a heat-stopping material that shuts out the heat in summer and keeps it in during the winter. This insulation is not expensive—in fact, it is a most profitable investment. It enables you to keep warm in winter at one-third less cost for fuel.

If you are about to build or buy a home, see that it is insulated in accordance with the standard FLAX-LI-NUM specification, which calls for \( \frac{\frac{1}{2}}{\text{inch}} \) in the side walls and 1-inch in the ceiling. A full one-third saving in fuel can be secured in your home when this FLAX-LI-NUM specification is followed.

If your home is not insulated, 1-inch FLAX-LI-NUM can be installed in your roof or attic. Send for samples and complete information.

Flax-li-num Lasts as Long as the Building

Flax fibre has to be raked from the fields because it will not rot. It is from this tough, long-lived material that FLAX-LI-NUM is made. The flax fibre is completely purified, then made into semi-rigid sheets. No binder is used, hence there can be no deterioration. FLAX-LI-NUM will stay in place, in perfect condition, so long as the building stands. Coming in semi-rigid sheets, FLAX-LI-NUM is easy to handle and install. It never cracks, warps or buckles. Fifteen or twenty years after it is installed, FLAX-LI-NUM is just as efficient as the day the house was completed.

Flax-li-num Excels as a Method and Material

Being half-way between inner and outer walls, FLAX-LI-NUM gives six surface resistances instead of four, and two air spaces instead of one. As every surface in a wall acts as a heat stop, the FLAX-LI-NUM "six-surface-drop" method is highest in efficiency.

FLAX-LI-NUM contains millions of tiny dead air cells in and between its fibres. Its excellence has been proved for nearly 17 years in all kinds of buildings and all kinds of climates. For years it has been the preferred material for refrigerator car insulation.

Flax-li-num

THE CORRECT BUILDING INSULATION AND SOUND CONTROL MATERIAL
The Pierce-Eastwood Radiator is Found in Homes of Beauty, Comfort and Charm—because It Belongs There

1. Suitable for the window seat, the narrow passage or the largest room.  
2. Generous in size. No heating value sacrificed.  
3. Occupies the same space as the old style radiator.  
4. Costs no more than the old style.  
5. Easy to clean because of ample clearance between sections.  
Pierce Heating Boilers are worthy servants for Pierce-Eastwood Radiators. Consult your architect or heating contractor.

PIERCE BUTLER & PIERCE MANUFACTURING CORPORATION  
41 EAST 42ND STREET NEW YORK BRANCHES AND DISTRIBUTORS IN PRINCIPAL CITIES

ON REQUEST—A HELPFUL BOOKLET, ILLUSTRATED IN COLOR—"FROM COZY NOOKS TO SPACIOUS ROOMS—A HOUSE OF CHARM"
There is nothing in motoring to surpass the luxury and ease of the straight eight. And among straight eights there is nothing to equal Hupmobile distinction and performance save one very costly European car. Custom bodies by Dietrich, created and built exclusively for this magnificent chassis, are available.

**HUPMOBILE**

The Distinguished Eight
Time is kind to them

That Higgin Screens do last and therefore cost the least is amply proved by the record of the years. Mr. F. E. Ames, of Brookline, Mass., adds his testimony to that of many other Higgin users in a letter written us recently, from which we are permitted to quote:

"For twenty-nine years your screens have gone in the middle of May and come off about Nov. 1. They have held their shape perfectly. With continued good care such fine screens deserve, they should last many years more. It certainly was a paying investment when we got them in 1898."

Higgin frames are so rigid and the wire cloth is held so taut that long years of service are assured, while undiminished light and an unobstructed view are the natural result of the narrow, unobtrusive frames and the fine bronze mesh. Higgin Screens also give to interior decorations an added charm which ordinary screens never can give.

The advantages of Higgin Screens are described in our illustrated booklet "Your Home Screened the Higgin Way." It has shown thousands of people the way to screen beauty and economy. Send for your free copy today.

There is a Higgin man near you. Look for "Higgin" in your telephone directory.

THE HIGGIN MANUFACTURING COMPANY

Screen makers since 1893

Kansas City, Mo. General Offices: NEWPORT, KY.

Toronto, Can.

The Higgin Mfg. Co., Dept. 25, Newport, Ky.

The book — "Your Home Screened the Higgin Way" will tell you all about sliding screens, hinged screens, porch screens, screens for unusual openings.

The back — "Your Home Screened the Higgin Way" will tell you all about sliding screens, hinged screens, porch screens, screens for unusual openings.
"Standard" lavatories

NEW TYPES as original and distinctive as they are beautiful +++

The "Templeton" and "Pemberton" are exclusively "Standard", having been originated by "Standard" designers and built by "Standard" master craftsmen. They strike a new note in Lavatory design which makes it possible for you to have your Bathroom as intimately yours as your bedroom.

The Templeton

This decorative type, in glistening white genuine Vitreous China, in one piece, is designed in convenient dressing-table effect. The roomy top is 36 inches long and 20 inches from back to front. The oval bowl with dual overflow is 19 inches long and 12 inches wide. The graceful legs are in metal and crystal glass. The massive fittings, as new and original as the Lavatories, are largely hand-made by "Standard" Brass craftsmen. They are furnished in a variety of finishes to suit the decorative treatment of your Bathroom.

The Pemberton

This "Standard" Lavatory is designed in a dignified straight-line effect. The attractive one-piece top, of genuine Vitreous China, is 36 inches long and 20 inches from back to back. The square bowl is 17 inches long and 12 inches wide. The legs are in china and metal with crystal base. The "Pemberton," like the "Templeton," is roomy underneath. A chair can be drawn close and the toilet completed with utmost convenience. Both types provide the maximum of table space for toilet accessories. The broad, expansive tops make them ideal for shaving.

For those who desire individual types of Faucets and Fittings, several unique designs are available. There are plain-surface types with "Standard" Chromard non-tarnishing, non-corroding plating, and genuine hand-hammered types with other Bathroom fittings to harmonize.


Like the new "Standard" Three "Eights" Sinks and the new "Standard" Laundry Tray, these new "Standard" Lavatories are typical of "Standard" progress.
Don’t wait until next winter... get the facts that will rid you of heating worries now!

Let us tell you whether—

Is oil burner practical for your home
How much would it cost you
Which type of burner should you choose
You (and your wife) have been through a winter of slavery to a coal furnace. You cannot have gone through without wondering about oil heat—healthful, dependable, automatic comfort and efficiency. You are tired of the dreary morning and night routine of shoveling coal carrying out ashes—nursing an uncertain furnace that constantly drains your energy. Next winter, you say, you will have done with this drudgery forever.

But when you think of actual oil burners, our mind is filled with doubts. So many different kinds are manufactured. So many conflicting claims are made for them... Would oil heat be practical in my house? you ask. "Which type of oil burner is best fitted to my use?" Naturally you listen eagerly to the oil burner discussions of your friends. But their pros and cons cannot answer your individual questions.

Here is the offer of authoritative, helpful information

Our home is different from other homes, so difference must be thoroughly considered by engineers before they can tell you the most efficient heating method you can use. Fill out the coupon at the bottom of this advertisement and mail it in to us. With the information that it will give us, our engineers will advise you authoritatively as to which type of oil burner, if any, you should install in your home. They will do this without the slightest obligation to you.

Now—at the end of one winter—make sure of heating comfort during the next. Install the Quiet May this spring... Take advantage of our unique deferred-payment plan. Read the facts of the Quiet May

Quiet: Because of its improved principle of operation this oil burner is really quiet. The sound of its combustion cannot disturb you. Ask any one of the thousands of enthusiastic Quiet May owners.

Safety: Every mechanical feature of the Quiet May has been tested searchingly for efficiency and safety. This burner is listed as standard by the National Board of Fire Underwriters.

Adaptability: The Quiet May is suitable for use in any type of heating system—hot air, steam, hot water, vapor. It burns all grades of home-heating fuel oils—even the cheapest.

Simplicity: Quiet May design and construction carry the promise of freedom from operating trouble. It is simple and sturdy—with only two moving parts.

Ease of Installation: This burner can be quickly and easily installed in your present heating system, whether you live in city or suburb.

Integrity: The Quiet May is manufactured by a firm of unquestioned integrity and national standing. It is ready to stand back of the burner.

Cost and Terms: Naturally the cost of installing the Quiet May varies with locality, size of tank and soil conditions. Complete installations cost a nominal sum when measured in comfort, family health, freedom from trouble and increase in value of your property... Pay for it while you enjoy its comfort.

We want you to know the facts about oil burners. And because of our recognized prestige and experience in the oil-heating industry, we are pre-eminently qualified to give you these facts.

MAY OIL BURNER CORPORATION
Baltimore, Md.

Mail the coupon today! It will bring you the advice of trained and experienced engineers.
So obstinate was the belief of Hernando De Soto that vast riches lay awaiting him in the wilds of America, that when an Indian guide expressed doubt of finding gold, the iron-willed Spaniard ordered the native burned alive.

It took three years of terrible hardships and the loss of two-thirds his army to show him the folly of the search. At last in the spring of 1542, the survivors reached the confluence of the Mississippi and Red Rivers—the first historic record of white men in Louisiana.

Here they were menaced by tribes of savages who swarmed the shores in hundreds of pirogues—dug-out canoes made from huge cypress logs. While the Spaniards were building boats to escape downstream, their leader was stricken with swamp fever and died. His body was placed in a weighted coffin and buried in the dark depths of the Great Waters.

Although De Soto failed to find the fabulous wealth of his dreams, his expedition revealed to the world a region richer in natural resources than Spain itself, and made known to later generations one of the most enduring building materials of all time—

**LOUISIANA RED CYypress**

"The Wood Eternal"

now recognized not only as the world’s premier lumber for boats, big and little, but also a dependable and economical wood to use for lasting construction in all types of buildings. Heart grade Louisiana Red Cypress gives the greatest service value under trying conditions, and should be used for sills, siding, porch flooring, stepping, cornices, door and window frames, and outdoor woodwork generally. Its attractive grain makes it desirable for interior trim and panels.

We shall be glad to give you further information on the uses and advantages of both Louisiana Red Cypress and Louisiana Swamp Tupelo. These fine products are stocked by dealers throughout the country—write us regarding sources of supply nearest you.
ONE of the most modern of newspaper homes is the building which houses that famous old journal, The New York Evening Post. A newspaper plant of all others must be sure of uninterrupted service from its pipe, and therefore the New York Post Building is added to the long roll of office buildings, hotels, factories and public buildings fitted with Reading Genuine Wrought Iron Pipe.

If you would know why so many leading architects specify "Reading", perhaps this quotation from Mr. John J. Monteith, Chief Engineer, Hotel Walton, Philadelphia, will prove illuminating: "Our wrought iron pipe is giving good service after 43 years. Steel pipe installed during the war has given us trouble constantly since 1922".

Ask your architect or plumber about the rust-resisting, long-enduring qualities of Reading Genuine Wrought Iron Pipe. Or write us for actual facts and figures.

READING IRON COMPANY
READING, PA.
World's Largest Manufacturers of
Genuine Wrought Iron Pipe
Comfort---where comfort counts for health

NATURE responds to an easy, comfortable position on the toilet by performing her eliminative functions freely and fully.

Durock Elongated-Bowl-and-Seat Toilets induce regular, normal action just as surely as a comfortable bed brings sleep.

Any tendency toward constipation is fostered by the cramped, constrained attitude imposed by ordinary toilets with short, round bowls and seats. On the other hand, the elongated bowl and seat, with the freedom and relaxation it permits, helps to correct any such disposition.

These bowls and seats are from 3 to 4 inches longer than those in old-fashioned, conventional toilets—and the water-surface within the bowl is correspondingly increased in area. (See illustrations.) More sanitary as well as more healthfully comfortable.

Durock Toilets with this valuable new feature are made in several styles, with a range of prices to meet various requirements. All have Durock tanks as well as bowls, and white celluloid-surfaced seats with covers.

Mail the coupon below for illustrated booklet, "The Two Vitally Important Fixtures in the Bathroom". It will enable you to choose your bathroom equipment with discrimination.

There is a Durock Distributor in your vicinity to supply your plumber

THOMAS MADDOCK'S SONS COMPANY
Trenton, New Jersey

Maddock
Durock Bathroom Equipment

THOMAS MADDOCK'S SONS CO., Dept. H. G. 6, Trenton, N.J.

Date

Please send me, without charge, a copy of your booklet, "The Two Vitally Important Fixtures in the Bathroom".

Name

Street Address

City

State
The Lanes are Ready to Build

They have pretty well settled ideas... Mrs. Lane, especially.

For one thing, she is determined not to apologize for the bathroom—as in the old home; not to have a door to close when company comes. She often said—"if I ever have another house I am going to have Tiled bathrooms, and enough of them." She knows from experience just what she wants.

The Lanes will not have to say "the" bathroom. They will have all the bathrooms their house requires, and each one will be finished with Association Tiles. In this respect theirs will be a house of no regrets.

Profit by their experience. Talk to your local Tiling Contractor whether you build a new house—or improve the old one. Insist on Association Tiles—made in America by American workmen in American factories—and thus help to perpetuate American prosperity, which means your prosperity. Let us send you free brochure showing Beautiful Association Tiles.

ASSOCIATED TILE MANUFACTURERS - 218 Graybar Building - Lexington Avenue and 43rd St., New York

ALHAMBRA TILE CO., Newport, Ky.
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OLDBRIDGE E. & TILE CO., Old Bridge, N.J.
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ASSOCIATION TILES

MADE IN USA
Pattern freely applied to delight the eye — just a promise of the numerous interesting wall effects that the Sponge Mottle treatment brings to your home. Its striking beauty belies the simplicity of application. First, an undercoat, either lighter or darker than the finishing color, is painted on the wall and allowed to dry. Then some finishing color is poured on a board, and the flat side of a sponge pressed into it. Next the sponge is tapped against the wall. Two or more colors may be used for the mottling; though one color, in addition to the ground color, will be found sufficient to produce a most effective wall finish.

Paint with a Sponge?

WHY NOT . . . when the resulting design is so pleasing to the eye?

"Sponge Mottle," the painter calls it. "Beautiful!" you say as you watch the attractive design appear under the gentle tamping of the painter's sponge.

The process is simple — and not expensive. The ground color, applied by brush in the usual way, should be a solid tone. Over this, a contrasting color, or two if you like, is sponged on. By turning the hand slightly, the painter varies the pattern left by the high spots of the sponge.

As in any painted wall finish, the true beauty of the Sponge Mottle finish lies in the quality of the paint and the clearness of the colors used. Paint made of Dutch Boy white-lead and Dutch Boy flating oil, mixed and tinted on the job, assures not only a beautiful wall finish, but also a washable and lasting one.

This Sponge Mottle finish is but one of many distinctive interior treatments obtainable with Dutch Boy white-lead paint. Some of the more unusual of these effects are shown and described in our booklet on decorating the home. This booklet will be sent you free, together with an offer of further service from our Department of Decoration. Just send your request for Booklet "O" to our nearest branch listed below.

Professional painters know this Dutch Boy Painter trademark. It is the mark of pure white-lead — the basis for an all-lead, all-purpose, all-color paint. Paint made with Dutch Boy white-lead can be used on the outside of your house to beautify and protect and on the inside for creating interiors of rare charm. It can be applied over stucco, concrete, brick and stone as well as plaster and wood. And, whether your painter uses it on the woodwork and walls of one of your rooms, or on your whole house inside or outside, it will save you money because it saves and beautifies whatever surface it covers.
Many heroes forfeited their lives for failure to outrun Atalanta—and Hippomenes won the race and her hand only by stealing golden apples ahead of her, which she paused to pick up. So Swinburne wrote of "Arcadian Atalanta, snow-white—fair as the dawn and footed as the wind."

**STUDEBAKER COMMANDER**

"Greatest post-war engineering achievement"

So great has been the public's response to The Commander, Studebaker's Big Six of heightened performance and lowered price, that Big Six sales now exceed the combined total of all other cars in the world of equal or greater rated horsepower.

One authority has called The Commander "the greatest post-war engineering achievement." Sweeping pick-up from 5 to 40 miles per hour in 18.25 seconds, flashing speed of 70 miles an hour if you want it—and as long as you want it.

Big Six stamina and dependability have been tested on Studebaker's 800-acre Proving Ground and by 1000 Studebaker owners who have driven their cars 100,000 miles or more. Only seven American cars equal The Commander in rated horsepower—and they cost from $1,000 to $16,000.

A man's car as far as power is concerned—a woman's car so far as custom beauty is concerned—and everybody's car so far as its new One-Price price is concerned.

**COMMANDER $1585 f. o. b. factory**

Other Commander models include: Victoria, for four (with mohair upholstery), $1375; (with broadcloth upholstery), $1415; Coupe (for four), $1455; Coupe (for two), $1450.

Equipment Nickel-plated bumpers, front and rear; snap-on; no-draft ventilating windshield (exclusive Studebaker); full-size balloon tires; disc wheels and positive acting four-wheel mechanical brakes; engine thermometer and hydrostatic gasoline gauge on dash; two-beam acorn headlight controlled from steering wheel; cowls lights and interior dome light; rear traffic signal light; automatic windshield cleaner and rear-vision mirror; oil filter; automatic lubrication; silken curtains; Butler finish hardware.

**Studebaker symbol of Studebaker Cullum Cars**
How many times should a bathroom be "plumbered"?

It should be "plumbered" once more if it is an old bathroom of the tin-tub, iron-pipe era. Call in your plumber and have him rip out the old, unsanitary fixtures and the rusting iron or steel pipe and put in modern fixtures connected with good brass pipe that can't rust or corrode.

If you are building a new house it should be "plumbered" just once. Put in brass pipe to begin with.

You can't afford to run any risk of your water pipes rusting out or filling up when they are concealed behind expensive tiled or plastered walls, or run under hardwood floors, as they are in modern houses. Brass pipe will last as long as the house stands, and you'll always have a full flow of clean, sparkling water.

And bear this in mind—whether you are replacing old plumbing or putting in new, it will be to your advantage to insist upon Alpha Brass Pipe. It contains more copper than ordinary brass pipe and will thread more easily, which means tighter, safer connections.

You would expect Alpha pipe to cost more, but it doesn't. Specify it by name—it is stamped "Alpha" every 12 inches. Made by the Chase Companies, Incorporated, of Waterbury, Conn.
WHEN Mr. William P. Fosdick built this beautiful home in Cincinnati, he insulated it completely with Armstrong’s Corkboard, 1 1/2 inches thick on the outside walls and 2 inches under the roof. After living in it a year, Mr. Fosdick wrote:

“I thought you would be interested, inasmuch as we have lived in the house just a year, to know how pleased we have been to have installed this cork, both for warmth in winter and coolness in the summer.

“Our gas boiler has seven burners, but at no time have we used more than three of these to keep the house at 70 degrees day and night.”

Comfort is the outstanding feature in any home that is lined with Armstrong’s Corkboard—year-round comfort, for the same insulation that holds the furnace heat inside in winter keeps out the heat of the summer sun. Upstairs rooms are as cool as downstairs in the cork-lined house.

For the best results, line your walls with 1 1/2 inches of Armstrong’s Corkboard, and your roof with 2 inches. These thicknesses will give you the most comfort and the greatest economy of fuel per dollar expended.

Mail the coupon below for the story of Armstrong’s Corkboard. In return, you will receive the 31-page booklet describing how you can have year-round comfort in your new home. Address Armstrong Cork & Insulation Company, 193 Twenty-fourth St., Pittsburgh, Pa.

Made of pure cork in boards 1 1/2 inches by 24 or 36 inches — 1/4 to 3 inches thick.
SOMETHING in the nature of an upheaval took place at B. Altman & Co. early in May, when Casa Alta was opened to the public. The establishment of this most comprehensive department group, which covers every phase of interior decoration and its allied arts, was the occasion of a complete change in scene of the 4th, 5th and 7th floors of the Fifth Avenue store. In addition to revisions in the actual furnishing and decorating departments, several new and exciting rooms have been created for the display of antiques, rugs, tableware, etc., each of them appropriately appointed with particular regard to its purpose.

THE Crystal Room on the 4th floor displays its glassware like jewels in a velvet case, against a background of black carpeted floor and mahogany paneled walls. In the Persian Room, which is really more museum than shop, rugs of aged and mellowed beauty are rivaled in splendor by tiled fountains, unusual lighting effects and two swarthy attendants in full native costume.

The French Provincial style is at home in this bedroom of a country house. We can order pieces either in originals or in good reproductions.

Our service is in the assembling of artistic interiors. We invite consultation.

Ethel A. Reeve, Inc.
17 East 49th St. New York Plaza 0440

THE CHINTZ SHOP

Chintz is the fresh and colorful fabric that will glad your room and give it a harmonious effect. It has a hundred inviting uses to add beauty to the already well-appointed home. If you will come into one of our showrooms, we will be glad to show you the possibilities of its decorative qualities.

In our chintz shops we have assembled an exciting display of the modern design—copies from old patterns and many works of the twentieth century artist. Curtains, upholstered furniture, lamp shades and pillows.

Global Chintz—White background, blue and more delightful green boxes. 27" wide. Now 75 cts.

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At 49th St.
431 MADISON AVENUE, NEW YORK
DIRECTORY of DECORATION & FINE ARTS

TREASURE Trove, that storehouse of objets d'art, is a feature of the new 7th floor development. Here are gathered together collections of clocks of the French ormolu, Dresden China and lacquer cabinet variety, book ends, figurines, Italian and Spanish pottery, majolica, Venetian glass, antique silver, little boxes, lustres and Oriental pieces, the last including teakwood furniture, jardinières in all colors, Corean chests with elaborate brass mountings, and figures of soapstone and jade. Some of the pieces are old, some are modern, and all are interesting. Altogether a delightful room in which to browse around in a leisure hour, as satisfying to the collecting instinct as an old curio shop.

ALSO on the 7th floor is a series of exhibition rooms done in various period styles, intended as sample rooms rather than as models. These are entered through a terrace furnished in the approved modern manner with wicker and reed pieces. The actual entrance is a large foyer done in Spanish fashion, with

FELICIA ADAMS

cannot compete with large department stores in price but then it is worth a little more to get her personal interest, her knowledge, taste and judgment.

As you plan your summer home include a visit to her studio where you will have a gracious welcome and where your decorating requirements will be sympathetically comprehended.

And should you, then, entrust your work to Felicia Adams, you will leave with the comfortable assurance that it will be handled in a business-like manner.

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BEDSPREADS
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ROBES
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Luminierr Lighting Fixtures are designed for artistic effects as well as for practical usefulness.

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Treasure Trove, that storehouse of objets d'art, is a feature of the new 7th floor development. Here are gathered together collections of clocks of the French ormolu, Dresden China and lacquer cabinet variety, book ends, figurines, Italian and Spanish pottery, majolica, Venetian glass, antique silver, little boxes, lustres and Oriental pieces, the last including teakwood furniture, jardinières in all colors, Corean chests with elaborate brass mountings, and figures of soapstone and jade. Some of the pieces are old, some are modern, and all are interesting. Altogether a delightful room in which to browse around in a leisure hour, as satisfying to the collecting instinct as an old curio shop.

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CANDLES-AND TABLES

We have a few hand-turned candle-stand tables, exact reproductions of a beautiful old table of Colonial Virginia. Solid walnut, roundtopped table, in either natural finish or 22" High finish, 30". Price $11.50.

Colonial Coverlets, Hooked Rugs
Prices Greatly Reduced

All articles made by skilled workmen, in the mountains of Virginia.
Send for FREE Booklet
LAURA H. G. COPENHAVER
"Restoration" Marion, Va.

Lighting Fixtures

Hand-crafted in Tin, Brass, Copper and Pewter. An unusual line of lighting fixtures, made of solid materials, in a variety of styles.

INDEPENDENCE HALL
Above average in tin, plated copper and brass, gilded and polished. Price lists for all work, on request.

INDUSTRIAL ARTS SHOP
Charles Street at Mt. Vernon Boston, Mass.

directories of decoration & fine arts

Left of the central entrance lies a French drawing room of considerable size, done in the manner of Louis XV. An interesting old Persian rug of French design covers a good part of the 42-by-35 floor, its pale blue-green tone repeated in taffeta hangings at the tall windows.

An 18th Century dining room, next in succession, owes the rough stucco walls, mahogany wood trim and damask hangings. Scattered among the Spanish furniture pieces are a few of Italian origin which are entirely in keeping with the scheme.

To the right of the entrance room is a large living room in the Georgian manner, and beyond that a Georgian dining room, cool and inviting in its color scheme of green and gold. Furniture here is of Chippendale design, brought over from England especially for use in this interior.

The end room of the right wing is an early American bedroom, with characteristic paper, tester bed and maple furniture.

Out-of-the-ordinary

Beautiful Inexpensive

Lighting Fixtures

Hand-crafted in Tin, Brass, Copper and Pewter.

A bedroom done in the Unfinished vogue

Everywhere today the vogue for Unfinished Furniture is growing as it is seen how charmingly it lends itself to interior decoration.

Here is pictured a bedroom with speed bed, Colonial three drawer chest, dressing table of nine drawers, with arms for draping, chiffonier desk, and various individual pieces—all unfinished, though they may be painted or decorated to order if desired.

It makes an ideal guest room, for instance, in a country house.

Decorators and Architect
Enthusiast over Arutex Mantels!

Materials of Arutex composition, Arutex Mantels are authentic reproductions of Perfect and Modern mantels, harmonious, beautiful and symmetrical... In fact, one may write with finality, that no two fireplaces are alike, if they will commit the necessary card of introduction. Almost entirely of design assures a suitable harmony with the decorative scheme. Call or write for Catalog No. 00.

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133 East 42nd Street, New York.

The Mayhew Shop Limited

Iron Garden Table—Pastel Orange and Red
Table.

12" Diameter. 56.00 Painted. 66.00
40" Diameter... 16.00 Chair—large, 24.00
24" & 27 1/2... 12.00
small. 12.00

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South East Corner 3rd Street New York.

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FOUNDED 1886
485 FIFTH AVENUE—Second Floor
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Oriental Rugs • Antique and Modern
Fine Chinese Rugs
Wide Seamless Plain Carpets
Spanish and European Hand-tufted Rugs
Aubusson and Savonnerie Rugs
Antique Hooked Rugs

Booklet "HI" with helpful suggestions on Rugs in Decoration sent on request if accompanied by your decorator's or dealer's name.

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Beautiful Inexpensive

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Hand-crafted in Tin, Brass, Copper and Pewter.

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greater part of its interest to a scenic wall paper with a Chinese garden design. This is applied above a low neutral-toned dado.

The last room of the group is a French bedroom furnished in satinwood pieces of the Louis XVI era. Paneled walls of deep putty color have a line of antique gold in the moldings; and a Chinese rug and curtains of oyster white and light pink striped taffeta complete a scheme of elegance and restraint.

DURING the week of May 2nd, the R. H. Macy Art in Trade Exposition drew considerable attention to the 4th floor of the new Macy building, where exhibits of fabrics, furniture, rugs, metals, glass, jewelry and the bookbinding art were placed on display.

The exhibition was designed as an indication of the influence of fine art on modern design in every field of production, and achieved genuine interest and distinction under the guidance of Lee Simonson as Art Director, Miss Virginia Hamill as Director

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of Exhibits and a committee of authorities. The settings, which showed decided traces of the modernist influence, were so arranged as to tie the various groups into a unit, so that there was evident throughout the exhibition a pronounced museum quality.

THE exhibition directors were successful in securing for their daily program in the auditorium such speakers as Robert W. DeForest, President of the Metropolitan Museum of Art; Richard F. Bach, Hager Elliott and Grace Cornell, also of the Metropolitan Museum; Dr. John H. Finley, Editor of the New York Times; Richardson Wright, Editor of House & Garden; Mary Linton Ackerman and Paul Theodore Frankl, decorators; Lee Simonson, designer for the Theatre Guild and Director of the exposition; Paul Manship, sculptor, and a number of other prominent figures in the world of art.

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At Lord & Taylor, interest centers about the redecorating of the seven model interiors on the 6th floor. The first of these has become a sun room, with putty tinted walls forming a neutral background for a colorful decorative scheme. The curtains are of plain green linen, and a rush rug blocked in alternating green and natural colored squares covers the floor. Furniture of natural stick willow has upholstery done in a linen of Poirot design.

In an 18th Century living room, English and French furniture mingle harmoniously. Rust colored moire hangings over powder blue gauze glass curtains are used at the windows.

A GEORGIAN dining room has plaster walls paneled with paper in a gay flower motif. The design of the paper is repeated in glazed chintz curtains of the same pattern. Hyacinth blue walls and glazed chintz hangings contribute to

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An oak paneled library has been enlivened for summer with yellow creel work hangings and chintz slip covers for the overstuffed furniture. A little dressing room with black and white blocked linoleum floor and marbled baseboard employs French reproduction furniture, pink walls and chintz hangings for its decoration. And the last of the series is a Directoire morning room, where Venetian green walls, yellow damask hangings over copper colored gauze glass curtains and reproductions of French XVIII Century furniture pieces combine to form a fitting climax to a most interesting and effective group.

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A BIG DOG OR A SMALL ONE?

By ROBERT S. LEMMON

The factor of size as affecting the choice of a dog is often of more importance than a casual consideration might indicate. It is not just a question of personal inclination on the prospective owner's part—of the more or less intuitive leaning that most of us have toward a big dog, a small or a medium-sized one. There are some entirely practical points about the situation which ought to be thought of before a final decision is reached.

First of all, a dog's size should generally be proportioned to the dimensions of the home into which he is to come. To cram a big fellow like a Shepherd, Collie or St. Bernard in a small city apartment is to be at once unfair to him and creative of danger to bricks-a-brac and other delicate objects within range of his wagging tail. Almost equally inappropriate would it be to plan on keeping him in a little country cottage unless arrangements can be made for him to spend most of his time outdoors. For both of these situations a breed smaller than an Airedale is best.

Where space is not limited, on the other hand, there is no need of considering this matter, Big, little or small—it makes no difference, for a tiny dog can be just as much at home in a mansion as a can run a large one.

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THE DOG MART
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Another really practical consideration is the amount of food a dog consumes, and the resultant cost of keeping him. A canine giant like a Great Dane will eat enough at a single meal to keep a Peke fat for a week. The wise owner who acts upon the principle of providing first-class food for his dog knows that these variations in the quantity consumed total up an appreciable number of dollars and cents in the course of a year. Worth thinking about, too, is the sort of companion you want your dog to be. Should you wish for one that you can take anywhere—in motor-car, train, town or country—one of the smaller breeds should have the preference, generally speaking.

There is a rather widespread feeling that large dogs are safer and better protectors of children than are the breeds of lesser stature. The origin of this belief perhaps lies in the traditional dependability of the St. Bernard and Newfoundland—well-based, to be sure, but not to be accepted to the exclusion of smaller types. Generally, there may be less tendency among the big breeds to snap at children and adults whom they know, but I am not at all sure that this claim can be made where strangers are concerned. It is worth remembering, too, that when a hundred-pound dog does happen to have an ugly streak in his nature, very few fifty-pound children are capable of controlling him.

This whole matter of physical strength deserves a deal more thought than is ordinarily given to it, especially in its relation to the public. One frequently sees powerful, unmanned dogs on the street in charge of people entirely incapable of managing them by either voice or hand, and the result is an actual public menace. I am not blaming the dogs for this, for, although only a fool would idealise canine nature to the point of asserting that it is never at fault, the owners of these animals are the ones to blame in the majority of cases. No one has a right to take out in public a dog that cannot be safely controlled by command or strength of arm.

As far as bodily protection is concerned, honors are about equal between the giants and the medium-sized class. Some of the large fellows are excellent actual guards, and all of them have a salutary effect on evil-doers just because of their size. An Irish, Bull- or Scottish Terrier, on the other hand, can and will furnish as adequate protection as is likely to be needed.

In considering the question of a dog for protecting the house against burglars and the like, one should first decide whether he wants an animal that will repel with actual violence, or one merely to raise an adequate alarm. For the former purpose a powerful dog is preferred, of course, but for the latter you will do better to pin your faith to something smaller and more high-spirited. The claim has been well made that an active little dog is better able to keep out of an intruder’s reach and continue raising a racket than is a big, relatively clumsy animal. As to possession of the watch-dog instinct, it is generally present in all breeds, regardless of size. The degree to which it is developed depends largely upon the way the individual dog is brought up and trained.
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WERE YOUR WATCH

AND YOUR SWEETHEART... BOTH YOUNG TOGETHER?

Up in the attic, in an old dusty trunk, she has hidden the letters you wrote her when you were at college, the dress she wore on that day of days in June, and your boy’s first baby shoes... treasured keepsakes all and for her eyes alone. In your pocket, perhaps, nestles the watch you have carried since the days of “Free Silver” and “Remember the Maine”... the good and faithful watch that ticked in time to your heartbeats as a bashful suitor, a nervous bridegroom, a proud young father. You cherish this watch, of course, because of such associations... you carry it yet because loyalty merits loyalty. But when you display it in public, your watch often puts a false appraisal upon you. Viewed by critical eyes, it is anything but an honest reflection of your business and social position. So why not lay that watch away along with her secret keepsakes... in the chest of lavender and old lace... and know now the pride and satisfaction that ever come from a modern Elgin Watch: It is an investment you will never regret... an investment in good taste, authentic design, unhurried craftsmanship... an investment that pays dividends of unerring service, peace of mind, the self-assurance that always correlates the knowledge that your watch is correct and beyond reproach. Elgin is conceded to be the world’s standard for integrity, and to such efficiency is wedded exquisite beauty of design.

Elgin

THE WOMAN’S WRIST WATCH is encased in 18-karat solid white gold, set with diamonds, and priced at... $150.

THE MAN’S WATCH has an engraved case of 14-karat solid white gold and is priced at... $60.

Your jeweler will show these and other Elgin’s to you gladly. No other watch is offered in a generous assortment of styles nor at a price range so liberal.
The Novel New Advanced Six Coupé
with Rumble Seat

Nash has risen to new heights of body artistry in this smart Coupé with its luxurious aspect of length and lowness, its graceful French-type roof and back, and sweeping rear deck bright with nickel mountings.

Comfort, as well as beauty, is a welcome attraction of this model, for the deep, broad driving seat resembles nothing so much as a big restful davenport.

It is upholstered in fine dark green mohair, heavily tufted. The genuine walnut steering wheel matches the inlaid walnut window panels, the crowned walnut panel above the instrument board, and the walnut finished instrument board. Two further passengers are amply comfortable in the big rumble seat.

This Coupé is handsomely finished in two harmonizing shades of green—a lighter shade in the hood and body proper including the deck, while the upper body, fenders and running gear are in darker tone.

In the rear of the car, opening on the curb side, is a large compartment under lock and key with plenty of space for luggage and packages.

The rear window looking out on to the rumble seat may be raised or lowered by simply turning an attractive silver finished window lift.

Powered with the big Nash 7-bearing motor—the world's smoothest type—the Coupé also offers such features as Watson Stabilators at front, 4-wheel brakes, and 5 disc wheels, and the price is surprisingly moderate.
An Investment of $75.00 which earns $20.00 annually

ANAONDA BRASS PIPE can be installed for hot and cold water lines in the average $15,000 house for only about $75 more than the cost of iron pipe. This slight additional cost provides pipe that cannot rust and will deliver a full flow of clear, pure water.

On the other hand, iron or steel pipe, by its very nature, is sure to rust. Rust entails many repairs, large and small, over a period of years.

Sometimes the effect of rust appears within a short time in the form of rust-stained water, rust-clogged pipe, or leaks caused by rust eating through the walls of the pipe. Sooner or later rust leads to a complete replacement of the water lines.

It is conservative to say that in order to provide water service at all comparable to that which is assured by the use of Anaconda Brass Pipe, it would be necessary to replace iron or steel pipe at least every ten years.

The pieces of pipe shown in the illustration were taken from water lines which were installed in the same building at the same time. At the end of four years the brass pipe was, of course, in excellent condition, with no signs of corrosion. The iron pipe was almost entirely clogged with rust and was also badly pitted on the outside.

The labor of removing pipe lines which are built into walls and between floors, is expensive. To install iron pipe, and then rip it out when rust-clogged, would cost at least $975 over a period of thirty years. This means that iron pipe would cost approximately $600 more than Anaconda Brass Pipe over the thirty-year period, or about $20 more for each year of service.

This is why, on the basis of a conservative estimate, it can be stated that an installation of Anaconda Brass Pipe earns the homeowner $20 every year on an original investment of $75.

It pays to rust-proof the entire house

Substantially the same high rate of return applies to the total investment necessary to rust-proof the entire house. For the average $15,000 home it costs only $450 additional to provide Anaconda Brass Pipe; roof flashings, leaders and gutters of Anaconda Copper; screens of strong rust-proof Anaconda Bronze Wire; and beautiful, serviceable solid brass or bronze hardware.

These rust-proof metals not only earn profits in the form of repair-free service, but they add to the permanent value of the house. On all matters relating to the use of copper, brass and bronze, our "Building Service Department" will be glad to advise you.—


Copper is a metal that cannot rust. In its pure form it is ductile and easily shaped. When rigidity and strength are required, Copper is alloyed with Zinc to make Brass, which is harder and resists rust equally well. In Bronze, various metals are alloyed with Copper to produce strength and high resistance to corrosion for special service conditions.
Today—
not tomorrow!

Satisfactory Oil Heating Is Here NOW

An important announcement issued to every home owner by the Directors of the Oil Heating Institute.

No modern improvement in the home has had such a spontaneous and hearty welcome as oil heating. All agree that it is most beneficial to the health and comfort of every member of the family. Oil heating is automatic and uniform. It is so clean! So healthful! So steady! It more than pays for itself in peace of mind. This modern miracle of home comfort simply antiquates yesterday's crude, untidy, unsanitary, exasperating methods.

Oil Heating Institute formed in Public Interest

To give the public a full and accurate understanding of the many benefits of oil heating, the Oil Heating Institute was founded. It is composed of leading manufacturers of oil heating equipment who have a combined invested capital of over $40,000,000. They are well organized, soundly financed and thoroughly qualified in experience, technical skill and manufacturing ability to render permanently satisfactory service to the public.

These manufacturers realize that domestic oil heating is of nation-wide interest and importance. Every one is seeking to learn more about this wonderful home convenience. It is the agreed policy of the members of the Oil Heating Institute to serve the public not only in providing equipment, but in assuring permanent heating satisfaction.

Hence the organization of the Oil Heating Institute, not for profit, but as a central and unbiased bureau for research and information.

Copyright, 1927, by Oil Heating Institute

This is the Emblem of the Oil Heating Institute

It is the symbol of satisfactory public service in oil heating.

Only the manufacturers who are members of the Oil Heating Institute are permitted to use it.

These manufacturers have earned their membership through the enthusiasm of thousands of home owners whom they have provided with efficient and dependable oil heating.

This symbol protects you, and it will be protected, on your behalf, by the Oil Heating Institute.

Over 500,000 homes now enjoy this proved convenience

The Amazing Growth of Oil Heating

Oil heating has proved even more popular than the automobile. In the tenth year of the automobile industry manufacturers placed $12,000,000 worth of cars on American roads.

In the tenth year of the oil heating industry, just closed, over $75,000,000 worth of oil heating equipment was installed in American homes.

During 1926 alone approximately 100,000 homes were equipped with oil heating systems.

It is estimated that 250,000 domestic oil heating systems will be installed during 1927 in order to meet the demand for clean, dependable, automatic oil heating.

The chief activity of the Institute is to serve as a national clearing house for accurate and helpful information on this modern method of heating.

The Oil Heating Institute is fully qualified to guide the betterment of oil heating service.

How the Oil Heating Institute Serves the Public

The Oil Heating Institute offers the public the benefit of the accumulated experience of all its member companies. Working with it are international authorities on oil and oil combustion, specialists in the design and manufacture of oil heating devices, and men trained in the requirements of satisfactory oil heating.

Furthermore, the Oil Heating Institute numbers among its associate members leading oil companies which are cooperating to deliver furnace oil and fuel oil efficiently and economically.

Leading manufacturers of electrical devices and automatic control equipment are associate members. They are actively engaged in furnishing the most efficient and up-to-date application of electrical power and automatic operation to oil heating.

This means that these responsible companies, with their technical skill and manufacturing experience, are supporting the efforts of the Institute and its members in providing the satisfactory equipment and oil heating service which are now available.

The Oil Heating Institute has prepared a non-technical 80-page Book which contains the latest information regarding and tested and proved methods of oil heating. This book is written by leading authorities and gives complete instructions for the selection of oil heating equipment. It will be sent to any one who returns this coupon together with ten cents to cover mailing costs.

Send in the Coupon TODAY!
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June, 1927

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All of our readers may not realize it, but a large part of House &
Garden's editorial pages each month are occupied by articles of
definitely planned series. For some years Mrs.
Wilder has been writing her series
on rock gardening and Mr. Wilson
his on rare trees and shrubs and Mr.
Durand on wild flowers. We have
series on period lighting fixtures,
on color schemes for various kinds of
rooms, on styles in furniture and
styles in architecture. The collector's
series has continued now for ten
years, and we've by no means ex-
hausted the subject. In future issues
new series will be started, and some
of them are hum-dingers!

This sort of editing, makes the
difference between the magazine that
holds its readers for a long time and
the kind that only affords occasional
interest. Just as in fiction, readers
wait the next installment, so in
this type of series readers await the
next topic. When they have finished
a series, they realize that they have
covered that subject to a satisfactory
and enlightening degree. They feel
like people who have made an ex-
tensive and interesting journey.
Their lives are richer for these new
contacts; their tastes are fuller for
these excursions into diverse topics.
Having once had a taste of such
travel, they need very little persuad-
ing to start off on the road again.

The ways to get a ticket are as
easy as buying a railroad fare.
Either you subscribe for a year or
so and get a long ticket, or at each
station you buy a fare to the next
one. You have merely to step up to
the nearest news-stand and ask for
the latest House & Garden.
THE SPIRIT OF THE GIFT

WITH the gift, however simple, goes the thought of the giver—the spirit of the gift!

Whitman’s Chocolates in their time bear messages of infinite meanings. Social conventions permit them when costlier gifts are barred. They “speak a various language.”

In our latest achievement we have enclosed a rich and rare assortment of milk chocolates in a package of quiet beauty with the pastoral name of Bonnybrook.

A golden box, with designs by Franklin Booth, suggesting the excellence of the chocolates.

Whatever your message or spirit of your gift it will be carried with grace and dignity by

**Whitman’s**

**BONNYBROOK MILK CHOCOLATES**

Assorted Nuts, Fruits, Creams, Caramels

SOLD IN ONE-POUND AND TWO-POUND SIZES AT THE SELECTED STORES THAT SERVE AS WHITMAN AGENCIES
THE other day a New York architect remarked that one of the hardest things to design was a good small house. A large house gives him elbow room; he can spread his wings of inspiration—and expense. But a small house requires the greatest concentration. It is a problem set within narrow limits. There are thousands of small houses scattered over this land, but the ones that are really good—good in architectural design and good in room arrangement—are not so numerous. Out of this select group we have chosen six to show in the July number. One is of stucco and stone, two of clapboard in the Colonial style, one of stained shingles in the English cottage style, one in stucco and half timber, and the sixth a Dutch Colonial design in stone.

Continuing the small house idea (for to this subject the issue is dedicated) an article will demonstrate the saving of space in a small house. Pages will show doorways. Color schemes are suggested for small rooms. A little garden is pictured and described, and three pages show small garden corners in Victoria, B. C.

Of the other pages, we can only give a hint—the series of period lighting fixtures and Federal Furniture continues. Thomas Adams of the Sage Foundation describes his plans for the ideal home of compressed peat moss. Put your seedling in the peat moss. . . . The third item is the little thumb pots made of compressed peat moss. . . . Then there are the little thumb pots made of waxed paper that a bright plant forcers made of waxed paper through the paper forces the plant. . . . Holding peat moss. . . . The third item is the little thumb pots made of paper. . . . Then there are the little thumb pots made of compressed peat moss. Put your seedling in the peat moss. . . . The third item is the little thumb pots made of waxed paper that a bright plant forcers made of waxed paper through the paper forces the plant. . . . Holding peat moss. . . . The third item is the little thumb pots made of compressed peat moss. Put your seedling in the peat moss. . . . The third item is the little thumb pots made of waxed paper that a bright plant forcers made of waxed paper through the paper forces the plant. . . . Holding peat moss. . . . The third item is the little thumb pots made of compressed peat moss. Put your seedling in the peat moss. . . . The third item is the little thumb pots made of waxed paper that a bright plant forcers made of waxed paper through the paper forces the plant. . . . Holding peat moss. . . . The third item is the little thumb pots made of compressed peat moss. Put your seedling in the peat moss. . . . The third item is the little thumb pots made of waxed paper that a bright plant forcers made of waxed paper through the paper forces the plant. . . .

OLD DOG LEMMON SAYS,—"Rose!" I tell ye, neighbor, the garden wouldn't never be quite the same place ag'in, if I ever hed to give 'em up. Somewhat, they allus mean June to me—fresh mornin's with a heavy dew layin' on the lawn an' the sun comin' level 'tween the trunks o' the trees; moonlight, warm an' bright an' dancin' with butterflies; still evenings when the robins an' wood-thrushes sing kind o' ca'n'-like an' the smell o' fresh cut grass an' flowers fills all the clinks in the air.

"It's then thot I find out whether a flower has a soul in it or not; an' the minute ye look down into the fields of a Rose's petals ye know ye don't hav to hunt no further to git an answer. There's somethin' to the petals tells home, an' the sentiment an' real friendship. Mebbe I'm wrong, but I calculate those three things is a purty good foundation on which to build the kind o' soul that God meant human beings to be.

A MIGHTY tree has fallen—a tree whose roots went deep into the soil of America and whose head touched the skies and watched the farther spaces of the heavens. Hereafter, whenever men speak of trees in this country, whenever they search for tree lore, they will remember this forest giant—Charles Sprague Sargent. He lived to stand under the towering shade of trees that he had raised from seed. From the far corners of the world he brought specimens and made them thrive in the rugged climate of New England. He has gone, full of labors and honors justly won.

THE vendor of wild flowers has appeared on our streets and the time has come when brigands go out in motor cars to despoil our forests and meadows. Each year we witness this, and each year the wild flowers grow scarcer. Eventually our pageant of rare wild flowers will be halted altogether by these depredators. Some of our flowers multiply so rapidly that they may be picked freely such as our common blue Violet, the Buttercup, the Daisy, while to pick the Trillium is almost certain death to the plant. The same is true of the Pink Ladieslipper or Moccasin Flower and to pick the Mayflower, our exquisite Trailing Arbutus, with long stems is like cutting off the limbs of a fruit tree to obtain the fruit.

Some of the more progressive States have passed laws to protect the wild flowers. New York, Connecticut, Vermont, Florida, California and most recently Oregon are among the States which have passed legislation on the preservation of plant life, almost as rigid as that passed on the protection of wild animals. If the public could be educated to follow certain rules there would be no need for legislation. Therefore, regard the following hints:

Pick flowers sparingly, always leaving some to mature their seeds. Refrain from picking the Mayflower, the Trillium, the Pink Ladieslipper, or Moccasin Flower and all native orchids. Disallow all vendors of these flowers by refusing to buy anything whatever from those who sell them.

In their search for inspiration American architects have gone far afield and plunged deep into the past. Of these recent revivals one of the most interesting is the application of Mayan art to modern problems. You find it used recently in buildings in Los Angeles and one of its experimenters is Siles O. Clements.

The Maya civilization of Mexico and Central America is a rich field that has hardly been scratched. It belongs essentially to a Stone Age culture. In sculptures, pottery, painting and the decoration of buildings, the design is very ornate. This civilization seems to have started in what is now British Honduras and spread north into Mexico. For some unknown reason early Maya culture met an abrupt end in the 4th Century, A. D., and the sites became deserted. From the recently uncovered centers of Maya, Toltec and Aztec art is now being drawn this vigorous inspiration.

LIKE the American Rose Society, the American Iris Society is advancing its work for its favorite flower with amazing speed and intelligence. Under the direction of Dr. A. B. Stout of the New York Botanical Garden research work in Iris breeding is being pursued. The Brooklyn Botanical Garden is studying the Japanese Iris. The Missouri Botanical Garden is putting in a new Iris Test Garden and at Cornell this year Dr. A. H. Wright will work on dwarf Iris. Concentrated effort of this sort amply justifies the existence of the American Iris Society and consequently deserves the support of all those to whom this flower is a joy forever.

BROWSING around here and there in the garden world, we pick up interesting bits of news. The bulb situation in Holland, for example. Many excellent and uncommon kinds of Tulips that hitherto were high priced will come to us this year at an amazing reduction. The play that once was open and free and light-hearted is secretive now and bid behind doors. Good eating has become a memory for the older inhabitants to tell their grandchildren. Meantime material progress goes on apace. The city has acquired the wrinkles that belong essentially to a Stone Age culture met an abrupt end in the 4th Century, A. D., and the sites became deserted. From the recently uncovered centers of Maya, Toltec and Aztec art is now being drawn this vigorous inspiration.

We have been wondering, ever since we received it at the beginning of the year, what made San Francisco such a sad city. She seems like an old woman who has lived through a glorious past and a great tragedy—and now sits on her seven hills and looks out upon the progress going on around her with a strange gaze of bewilderment.

An old time—one before the earthquake—when San Francisco stood apart from the other cities of America. In those days, there were three cities where men and women knew how to play—New York, Philadelphia and San Francisco. Some day the laughter of the old San Francisco seems to be swallowed up in the noise of material progress. Her gentle hillside is being carved and her streets the way it does in all other American cities. True, under the wings of Lauren, she has fashioned parks that are the envy of the world; true she has tamed her colorful wickedness until Pacific Street is like the shrubbery of a forest after a camp meeting, and Chinatown, even during its New Year, acts with the stiff decorum of a re­strained drunkard. San Francisco is clean and orderly and prospering—but at a terrific price, for she has lost her bloom. She has just become another efficient, go-getting American town.

It would be interesting to speculate just what Prohibition has done to American cities. San Francisco is an example. The play that once was open and free and light-hearted is secretive now and bid behind doors. Good eating has become a memory for the older inhabitants to tell their grandchildren. Meantime material progress goes on apace. The city has acquired the wrinkles that belong essentially to a Stone Age culture met an abrupt end in the 4th Century, A. D., and the sites became deserted. From the recently uncovered centers of Maya, Toltec and Aztec art is now being drawn this vigorous inspiration.

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SHADOWS IN GARDEN DESIGN

So strong can be the sunlight in California that garden shadows are crisp and definite; indeed, in designing a garden for the Coast, one must always take into account these sharp definitions. This splendid example is found in St. Francis Wood, a new and carefully developed suburb of San Francisco.
QUIET GARDENS IN THE NORTHWEST
Two Examples from Seattle Which Illustrate What Can Be Done
With Good Architecture and Landscaping
MRS. JOHN CARROLL PERKINS

ONE of the most significant and salutary evidences of a finer civilization in our country today is found in the rapidly multiplying number of charming houses and gardens. Whether in the country or within the more restricted areas of the city, we can see a growing appreciation of the need and desire for an open-air living room, a place of quiet beauty; in other words, a garden.

In Western Oregon and Washington the mild winters, combined with a moist atmosphere and an absence of sudden changes in temperature afford exceptional climatic conditions for the growth of a great variety of trees, shrubs, and plants. Besides the noble evergreens, Douglas Firs, Cedars and Hemlocks, Holly, Laurel, Yew and Box, beloved by gardeners everywhere, grow as easily as Privet and Barberries elsewhere. In sheltered gardens, Daphne odora, Chaiaera ternata and Camellias suggest sub-tropical luxuriance; while Roses gladden the gardens until Christmas, and the spring pageant gets an early start upon its radiant pathway of life and color.

Seattle is built upon land that rises tier upon tier above the waters of Elliott Bay and Puget Sound; the business and residential districts commingle. Two large lakes, Union and Washington, cut into and through the broken elevation of the city. In every direction one may look upon a wide expanse of water, whether towards the eastern limits of the city with Lake Washington and the Cascade Mountains beyond, or westward where Puget Sound fades into the snowy peaks of the Olympics. Dominating all, “the mountain”, Mt.
The reverse of the view on the opposite page discloses the Italian villa type house, pink walled and tile roofed. The whole composition is in perfect accord with its hillside setting and the forest which surrounds it.

Up the steps which show in the picture at the top of the page lies a broad tapis vert flanked by Hawthorn trees and flower borders. One end terminates in a finely wrought gate, while a well-head marks the other.

From the drawing room one steps out upon a paved terrace suggestive of its Italian prototype. Here shrubs and flowers occupy four square beds, with dwarf flowers here and there in crevices purposely left in the paving.
Wilma the ix-alls of the Ballinger garden is a successful blending of formal design and friendliness. The blue lining of the central pool is echoed in the potted Hydrangeas and set off by the contrasting tones of the red bricked walk.

Rainier, lifts its majestic dome into the sky where its heights rest in the ethereal calm of heaven itself. Surrounded with such transcendant natural beauty, how can one do less than build gardens that shall be worthy of such a setting!

The pictures on these pages represent a garden in the city, the residence of Mr. and Mrs. Richard Dwight Merrill; and that of Mr. and Mrs. John H. Ballinger at "The Highlands", a residential district about ten miles outside the city.

The Merrill house, designed by Charles A. Platt, is placed well back from the street on a deep lot running east and west with a western outlook overlooking the city and beyond to Puget Sound and snow-capped mountains. A high iron fence painted a pleasing shade of light green screens the unbroken stretch of lawn lying between the street and the house. A brick-paved driveway leads from two entrance gates in a sweeping curve to the charming doorway set in a shallow porch with flanking columns and simple carving and ornamentation. Two tall Irish Yews stand either side the doors, behind which the foundation planting of Rhododendrons, Laurel, Mahonia, Daphne and Box emphasizes the wise use and architectural quality of evergreen shrubs carefully selected for their glistening surfaces and fine textured quality. Contrast and color is provided by climbing Roses swinging their long flowery canes to the second-story windows; and the delicate tracery of Ampelopsis against the gray wall of the house, as well as the flower-box with its gay pink Geraniums and Marguerites, and the feathery green Rose sprays above the doorway.

A narrow opening in the shrubbery concealed by dense foliage discloses a path that leads on the left to a small grass-carpeted terrace, approached also through French doors from the drawing room. What an atmosphere of gracious welcome such a quiet little garden offers! Here we pause enjoying the beauty of the Roses that toss their fragrant garlands over the doorway; and admire the wall fountain against the house, and the shaft with its trailing creepers, evidences of the artistic treatment of details that counts for so much in any carefully planned garden.

From a narrow brick-paved terrace extending the entire width of the house, furnished with benches and ornamental jars, and boxes filled with flowers, one enters the garden lying at a lower level. Once in the garden one is immediately aware of the harmonious blending of house and garden; each belonging to the other. The architectural character of the house gives the
From a brick-paved terrace which extends the entire width of the Merrill house and is furnished with benches, ornamental jars and flower boxes, one looks down upon a garden of quiet and restrained beauty. Beyond, the view spreads far.

key-note for the plan and design of the garden. Infinite variety in the planting constitutes the ornamentation and decoration. But the restrained, restful beauty of straight lines, good proportion, balance and rhythm is never confused or obliterated. A round pool like a huge mirror lies in the middle of a square panel of greenest turf. Four Box-bordered beds of flowers occupy the space between the house and the colonnaded loggia terminating the main axis. The twelve beautiful Oleander trees in green painted tubs, placed at the intersection of the pathways and at the entrance to the garden house, are a dominating and highly decorative feature of the garden.

In late July the exquisite deep pink buds burst into bloom and flaunt their pink loveliness against the midsummer sky, in charming contrast to the low-lying clouds of gray and lavender Nepeta beneath them.

Here is a garden of ever-changing beauty wherein each season brings life and color and fresh interest.

A short motor run from Seattle brings one to the country club and “The Highlands”, that district lying north of the city where on the steeply-wooded slopes above the Sound is situated a group of country houses in what is virtually a private residential park. It would be hard to imagine more delightful building sites, overlooking the water where the bay merges into the far reaches of Puget Sound with its picturesque distant islands bathed in misty blue and green and merging into the lower slopes of the Olympic Mountains whose snow-white peaks are outlined against the horizon. Let the reader try to visualize this glorious setting of sea and mountain in looking at the pictures of Mr. and Mrs. Ballinger’s house and garden.

Built in the style of an Italian villa, the house consists of a main façade with two wings situated on a steep hillside approached by a short avenue at a lower level than the main highway, which threads its way along the curving shores high above the water through the splendid forest, breathing the spirit of a primeval age in its towering Firs and Cedars, “standing like untiring guardians of the land.” Turning off the main highway one enters a paved enclosure which leads to the spacious forecourt where the drive divides, making a wide sweep around a large oval of turf.

Either side the entrance is a finely balanced grouping of evergreen trees and shrubs. Ornamental terra cotta pots are placed on the grass plot as well as at the approach to the doorway. The beautiful simplicity of the architecture—
(Continued on page 112)
Mr. Merrill's garden is at a lower level than the house yet seems an integral part of the whole design. Among its dominating features are tubbed Oleander trees as accent points at the path intersections.

The loggia, from which the view at the top of the page was taken, terminates the garden's main axis. Its densely vine roof and cool paved floor, breeze-swept, provide a restful place of comfort on summer days.

In the center of a square turf panel a round pool lies like a great mirror. Around the walks are four Box-bordered flower beds and two long borders which, with the background planting, tie in the whole design.
THE HOUSES ACROSS THE WAY

To Those Who Own a House and a Garden Traveling

Is a Necessary and Fruitful Habit

JUST about this time of year we witness the annual migration of Americans to Europe. Stand on any wharf anywhere and watch them mount the gangplank. All sorts and conditions of people. All sorts of purposes in their minds. Off on business, off on a holiday. Off to visit the houses across the way.

Reduce the world to the small town it is, and you find that the same reasons which cause people to cross Main Street and visit their neighbors is causing them to leave their homes here and go abroad. A change of environment, a curiosity to see how those neighbors live and work and play, and to join in that life or that labor or that amusement, to acquire some of the neighbors' tastes and some of the things they make differently from us—these, in the main, are what each year thousands gleefully mount the gangplanks of steamers or the platforms of pullmans.

There is a notion abroad that Americans travel to find relief from the repressive legislation that confines their personal habits. This may be true of some, but in the majority of cases, the purpose of our traveling is much more to satisfy our curiosity than to satisfy our thirst. Apart from the great cities where hundreds of people are swarmed into apartments, Americans are a race of home-owners. The majority of those people who can afford to travel can also afford to own their own homes, furnish them with taste and surround them with gardens of which they may be proud. Why should such people ever leave them? So that these homes and their lives in them can be richer.

If you are a poetic soul or totally without responsibilities (such people are rare indeed) you may be a rover, without purpose, one to whom the wandering roads of the world offer all the inducement needed. But if you are like the majority of us, you travel with a purpose. You start forth definitely to see and acquire certain things, just as you cross town to call on Mrs. So-and-So who has a new dress, or a new book or a new house or a new flower to show you, or who is giving a party in which she wants you to join.

It would be interesting to stand at the head of a gangplank and question the people going aboard. The purposes of their travel are vaguely stated on their passports—business or pleasure—but a moment's chat would reveal that some very definite purposes impelled these people. One goes to buy flocks in Paris, one goes to see the Tulips blooming in Holland, one has never seen the Alps and is traveling to Switzerland to satisfy that curiosity. One plans to build a house, and is going to see what the houses are like in England or France or Italy or Spain. One is a collector and goes to find more chairs or more pictures to add to that collection.

Most of us travel to find a reflection of our own tastes. The woman who is interested in decoration, the man in architecture or gardens, the collector in bibelots—wherever traveling leads them each of these is lured on by the same kinds of interests that delight them at home. And the greatest joy they acquire from traveling, the most satisfactory days of the trip, are those in which their own interests are stimulated and broadened.

In the few words allotted to this page, it would be difficult to map out world tours for people whose interests are houses and gardens, but we can suggest a few hints. We have yet to find a house or a garden into which we could not enter if we went properly introduced. Abroad these introductions are necessary. The average tourist agency will lead you to some points of universal interest, but for the special places such as gardens, you make special plans. Those eager to see the great private gardens of England apply to the English Speaking Union, Trafalgar Building, Charing Cross, London; in France application is made to Bienvenue Francais, 33 Faubourg St. Honoré, Paris; in Italy apply to the Library for American Studies, Palazzo Salvati, 271 Corso Umberto, Rome. As each year the various gardens change—some are closed for the year and others open—it is impossible to give a list that would apply at all times, but from these sources the roving gardener will find enough to fill his cup of inspiration.

The search for architecture is a more difficult subject to map out. The intending traveler should read up on the architecture of the various districts he is planning to visit, and with this ground work devote a goodly time to each. You can't appreciate architecture if you merely flash by it in a car. Like the Celestial City, you must walk around it and mark its bulwarks. It was better to see half a dozen good English houses well than to skim half a hundred. This custom of skimming is the habit of most travelers. In their greed to see everything of interest they rush from point to point, and at the end of the day very little has etched a definite impression on the mind. To traveling one should apply Benjamin Franklin's advice about eating a meal—so eat that you will always be able to come back to those same places and want to see more.

COLLECTORS, of course, resent being told how and where to go for their finds. True, they appreciate tips and hints, but the real collector is an explorer and a lone explorer at that. There is more fun and pride in one antique or curb happened upon or found by diligent personal search than a dozen bought in the dazzling light of a main and well-chartered thoroughfare. Antique dealers know this, and, with the canniness of their kind, see to it that the collector has a pleasant search. Here again one must restrict his searches. The way to collect antiques is not to collect everything old or curious but to have one or two definite kinds of objects in mind. Read up on those objects, become something of an authority on them; then, armed with this knowledge, you are ready to go forth into the byways of the world and battle with antiquarians.
A GRAPE-CANOPIED TERRACE

To those sitting in the shade of this paved terrace, the autumn days must bring heady perfume, for the roof is canopied by a Grape vine with its grapes in bags awaiting the harvest. This is in the home of W. Griffin Griswold, at Chestnut Hill, Pa., Robert R. McGowan, architect. Other views are shown on pages 98 and 99.
ROCK GARDENS IN THE SHADE

Contrary to Popular Belief, the Absence of Sunlight Need Be No Bar to Lovely and Varied Plantings

LOUISE BEEBE WILDER

To many minds the idea of a shaded rock garden seems to present insurmountable difficulties. Continually one hears the plaint, "We have nothing but shade, so there is no use in trying to have a rock garden." And many, thereupon, do not try, or, if they do, too often confine their efforts to the sun-loving Alpines which, quite reasonably, sicken and die under such conditions, leaving discouragement or passive resignation in their wake; and the shaded area is then, more than likely, planted to stolid Rhododendrons or abandoned to rank weeds that know only too well how to take the greatest advantage of its rich possibilities.

Now, this seems quite too bad, as rich possibilities for a very lovely and special kind of rock garden do lie in shade. Of course the ideal rock garden boasts many aspects, but perfect conditions are not always at our command. Furthermore, "Far from the shaded rock garden being a matter to bemoan," says an English writer, "it is an opportunity to be grasped."

It is unfortunate that a skeptical attitude of mind towards shade in the garden has been unintentionally fostered by the compilers of catalogs and the writers of garden books generally, particularly when dealing with rock and Alpine plants. Continually the sun-loving Alpine is extolled and presented while the plant that loves shadow is given scant if any publicity at all. As a matter of fact there are a vast number of beautiful and desirable plants that will flourish in shaded places, many of which absolutely demand such situations if they are to live in health and display the full quality of their beauty.

For this reason the work of making a successful rock garden in shade must begin in the mind of the builder. That storehouse of visions must be cleared of certain cherished pictures before a groundwork of success may be laid; pictures of sun-baked slopes studded with brilliant small Pinks, heights misty with waving Alpine Poppies,
One of the advantages of a shady garden is the opportunity it offers for cool resting places that blend in with the rocks and plantings. In Mr. Wanamaker's garden at Philadelphia cliffs veiled with the fragrant-leaved plants that drape the hot cliffs above the Mediterranean; all these and many more he must thrust out, and in their places put others of quite different character but in no wise inferior in beauty. Let him see instead serene dells radiant with Primroses, mossy, meandering paths that lead past forests of waving Ferns, or grassy slopes starred with constellations of Quaker Ladies; little pools of English Bluebells, slopes flecked all over with Snowdrops among brown leaves, groups of the rarely lovely Shortia enthroned beneath a dark Hemlock, many kinds of Orchids, Trilliums and so on. A sense of mystery and of expectation may be contrived in a shadowed garden if it be of some extent, and none need fear a lack of variety or beauty among the plants. But these must be, as I have before said, genuine shade lovers and not pathetic homesick creatures that will pine and sicken for the light of the sun full upon them; though it is true that shade is often the equivalent of root moisture which makes it possible sometimes for us to keep contented a moisture-loving plant of the sun in a half shaded situation.

There are, however, two kinds of shade to be considered: there is that cool and grateful shade cast by a large rock, or a wall, or a north aspect, or distant trees, where the soil is nearly always pleasantly moist, but seldom acid, and a free circulation of air is assured; and then there is the shade cast by directly overhanging branches. It must be confessed that

(Continued on page 142)
In the June issue of House & Garden, last year, I described the localities in forest, field and swamp where the commoner wild flowers and Ferns are most likely to be found. The plants were listed in groups and the soil, moisture and shade preferences of each group were indicated. This is information which the novice at wild gardening should acquire before starting on a collecting tour.

If the hunt is to be within walking distance of home and the plants can be put in the ground the same day, the working tools required are few. An ordinary market basket, a twenty-five cent all-steel trowel, a pair of old scissors and a copy of the morning paper will suffice. Should the collector, however, be one of those unfortunate who are unable to tell one flower from another, a good wildflower book, of convenient pocket size, with accurate illustrations, should be added for identification purposes.

The amateur should bear in mind that the common flowers, those that grow in abundance everywhere, are not only sufficient in themselves to make a very beautiful wild garden, but are the easiest to grow. So, if a rare specimen of difficult culture is encountered, always resist the temptation to dig it. It is a sheer waste of time and energy to take up such fastidious wildings as the Trailing Arbutus, the Painted Trillium, the Twin-Flower or any of the Orchids, even if found where the ax and plow are at their work of devastation.

The native Asters, too, respond cheerfully to the better growing conditions of the wild garden and form sturdy masses which in autumn are alight with rich golds and purples and varying tints of lavender.

In a nook among the rocks an early spring composition could consist of Violets, Wild Blue Phlox, Wild Geraniums, Corydalis, Bistort, Ferns, Saxifrage and Columbine, with Jack-in-the-Pulpit for variety.
TO PLANT IN THE WILD GARDEN

unless their requirements are known and provided for in advance. It is far better to let them live as long as possible in their natural surroundings than to watch them perish miserably in some absolutely uncongenial spot in your garden.

Digging plants in the wild is a simple process if correctly done. The main thing is to get the roots out as nearly intact as possible. I generally clear other growth and rubbish from the surface immediately around the plant so that the soil is exposed. This I loosen to the depth of a trowel blade, take out any stones and plunge in the trowel at such an angle as to get it well underneath the roots. The plant then lifts out easily without injury. It is most desirable to keep some soil on the roots, as doing so prevents their drying out and helps the plant to become quickly established in its new home. Should the soil be so dry or sandy that none of it adheres, be sure to dip the roots in water as soon as you come to a brook or pool, or even a puddle.

Much depends upon preparing the plant and wrapping it so snugly as to keep it fresh by avoiding exposure to air and heat until you are ready to replant it. By preparing, I mean cutting back. This is not necessary with plants dug during early spring, but during the heat of summer it is safer to cut flowering stems to within 2" of the ground, and if any of the leaves begin to droop to cut them in two. If bulbs or tubers are dug before the seed has (Continued on page 156)

Where there is a place for inconspicuous foliage and rounded flower heads on tall, straight stems the Aliums are worth considering. They are bulbous plants and, strange to relate, wild cousins of the common Onion

In such a spot as this steep bank many of the rock-loving Ferns will make themselves at home, with other sorts which require deeper soil at the foot of the slope. Ferns are quite easily transplanted and re-established.
OF THE many details comprising the planning of the garden, let not that small but important one—hospitality—be overlooked. Will the garden invite? Will it have a favorite corner, shady or sunny, a sheltered retreat of some sort where a book, a vista or even only a dream may be enjoyed in perfect relaxation?

Not after the garden is finished, but before it is ever begun, should the detail of seats and rest spots be given consideration. The little 50' by 100' city lot is just as available for hospitality as the garden which is located on a large estate.

Privacy and comfort are the first demands of the garden corner that will invite rest. Whether the spot will be in the way of warming sunshine, or under the protection of a sheltered nook, is a matter of choice. If the grounds are large enough both warmth and protection from too much warmth may be assured by a choice from among many restful spots.

The one controlling factor in the furnishing of the living room garden is its style, for the garden seat must always conform to the architecture of the house. Take a formal Colonial house, and at the end of a straight stepping stone or brick walk build a semi-circular classic colonnade, with graceful classic columns and pergola. Then picture the chaste whiteness of this poetic trysting spot entwined with clambering pink or red Roses which form fragrant masses of color against a background of luxuriant evergreens, flowering trees and shrubs, perhaps a classic urn here and there containing some choice flowering specimen. Does it not conjure a picture of bygone days when gentlemen in satin breeches held the yarns for demure white-wigged beauties, hiding their blushes over busily clicking needles?

So far as location of garden seats is concerned, those of stationary character should always be placed in spots offering some sort of seclusion, never in the open lawn, where the portable type of garden furniture is correct.

When the desired firmness of velvety green lawn carpeting has been reached, then opportunity presents itself in bright weather to deck the emerald surface with gay-hued awning striped furnishings; a
table, perhaps, shaded with an inviting big umbrella and surrounded by chairs where luncheon may be served, or, even more alluring, a colorful awning-roofed swinging davenport for an afternoon siesta tinged with warm, sweet scented breezes, songs of the birds and the perfumed fragrance of many flowers.

Portable garden furniture may be selected from most interesting offerings of sturdy rustic, split bamboo, plain or gorgeously cretonned willow, reed, wicker or rush fiber, and may be appropriately placed for use in any part of the garden.

A feeling of unity should characterize the artificial adjuncts of a garden, including the furniture. Thus, a severely plain swimming pool such as this calls for seats of classic type.

A seat built into the rockery is entirely appropriate provided it be constructed of the type of boulder that seems elsewhere in the garden. It must always appear indigenous to its situation.

For the large estate, where walks and by-paths lead into natural woodlands, a simple, dignified seat of decorative hewn rock or concrete possesses harmonious grace. Such a seat is displayed in full charm where the natural woods have been disturbed as little as possible—or perhaps not at all, except by little paths winding in and out of the luxuriance of trees and ferns, or additional wildflowers spattered about. And if a few mossy rocks have been carefully placed as a natural refuge for characteristic wild plants, one who finds repose here will feel not the slightest consciousness of mother Nature having been thwarted.

Every garden has its "loveliest corner," where an appropriate seat of the permanently built type invites one to linger and while away spare moments in peaceful relaxation. Perhaps it's only a charming view site, perhaps a beloved grouping of favorite perennial flowers and evergreen shrubbery in your own garden or a natural-looking pond afloat with Waterlilies and alive with goldfish; but there's always opportunity—at the outer borders of the main lawn—for the building of a (Continued on page 170)
In this country the routine of garden-making is almost becoming a formula, so that when one finds a little garden such as this, its individuality is striking. It is a glimpse of informal Italy set down in the strict orderliness of a New England town.

A fine wrought iron gate under an arch of crimson and pink Rambler set in a Privet hedge divides the garden. The pergola beyond it leads to a secluded spot where a lunette of the Madonna is placed high in a stone panel, and beneath this shrine is a little pool.
ITALY

In

NEW ENGLAND

A Garden That
Is a Travel
Diary

In one part of the garden the center of interest is a tiny pool around which are pots of pink and white Geraniums. Piping Pan stands in the middle, backed by two green glazed pottery jars. The pergola is made of brown stucco pillars, roofed with rustic boughs covered with Vincas.

Since this is a hybrid garden, a diary of travel, the walls of an old white barn serve as background for Luca della Robbia plaques set in Ivy-framed panels. Tiny tiled paths and Box-edged beds filled with Scent Hyssum and pots of orange Calendulas make the setting for this pool.
COTONEASTER is an Old World group of shrubs which recent plant hunting work in the Orient has greatly enriched. It is a genus in which I am particularly interested and I take pardonable pride in the fact that of the thirty-eight species and varieties listed in Standardised Plant Names I am responsible for nineteen. Of the more complete list given in Rehder’s Manual of Cultivated Trees and Shrubs it has been my good fortune to have introduced into gardens thirty-four of the seventy-seven kinds enumerated.

As a group the Cotoneasters possess virtues of outstanding merit. In point of fact they rank with the indispensables in garden making. Moreover, their uses are not restricted to any one part of the country, for among them are sorts for the Northeastern States, for the Middle States, for California and the warm South. They are closely related to the Hawthorns but have entire leaves and bear no thorns. The flowers are uniform in shape and size; in color they are either white or pinkish and they are borne few or many together in clusters along the branches. Occasionally they are solitary. The plants are in blossom from May to the end of June; in the fall they are heavily burdened with red or black, rarely brown-purple, fruits that are either globose, oval or egg-shape. In many sorts these remain on the bushes with little loss of brilliancy far into the winter. Some of the deciduous species boast fine autumn coloring, while the evergreen kinds are always an attractive green.

Uniformity may in general characterize their flowers and fruit, but Cotoneasters are remarkably rich in diversity of form and habit of growth, in size, in the arrangement of their branches and in the tracery of their branchlets. Some like C. Darwinii are prostrate ground-covers, rooting as they trail over the soil; others like C. frigida are trees of moderate size. Some (C. microphylla, C. horizontalis, C. adpressa) are especially well suited for the rockery or for planting on or against walls and stonework. A majority, however, are best as specimens on lawn and border where they have room.

Well suited for either group or specimen planting in the open is C. divaricata, a moderately tall and intricately branched sort with pinkish flowers and red autumn fruits. (Continued on page 164)

(Below) Cotoneaster soongorica is one of the most beautiful and useful of the deciduous species. When in full flower, as shown here, its loveliness is equal to that of any Spirea.
C. hupehensis is another Cotoneaster that is especially attractive when in bloom. Its branches form an arching bush with abundant Hawthorn-like flowers borne in clusters.

In autumn Cotoneaster apiculata is studded with scarlet berries. This variety is a comparative newcomer from China. It forms a neat mound of overlapping branches a yard in height.

September and October find C. soongorica hung with ropes of relatively large coral-pink fruits that make of the broad, rounded bush a conspicuous and lovely garden feature.
UNDoubtedly the Greeks and the French knew much more than we shall ever learn of the value of garden effects after nightfall; but they talked a great deal more than we do today, and to them light was not as essential. They deliberately designed gardens for fêtes and night effects and used them extensively after nightfall. The modern era abhors darkness, at least within town limits, and we must have light to tempt us if we are to spend much time away from the book, the radio or the phonograph.

Therefore, it is becoming more and more common to design garden lighting features that will afford enjoyment during the night hours and give spectacular effects which cannot be obtained in the bright daylight glare. Such lighting is comparatively easy and not overly expensive, if installed at the time of the garden’s construction. Where freedom from frost permits, outdoor conduits can be installed in very shallow trenches. All that is required of the designer is ingenuity in installation and a reasonable knowledge of what happens to plants and architectural features when lighted at night from fixed positions. Also, good taste demands that, insofar as may be possible, garden lighting features be either very inconspicuous or entirely hidden.

The two principal effects to be obtained at night are broad scale illuminations and the lighting of individual features which are designed to stand alone out of the darkness. There is also the question of pathfinder lights, to guide the footsteps of those who travel from one position to another in the out-of-door area—at the head or foot of stairways, over bridges, and in alleys where sudden turns are to be encountered, or at entrances to walks and drives. These do not require a high degree of illumination but rather a careful placing of the light used.

For lighting general spaces we may use ground lights in corners of the bed areas; but as a rule this is not a satisfactory system, since it brings out the texture of the ground too harshly and is apt to be glaring and of a spotty character.

By direct lighting is meant ornamental lanterns or other lights hung in arches, pergolas and tea houses, or bracketed out from walls or buildings. Many excellent ornamental lanterns are on the market, and if special ones are needed, skillful craftsmen are available to make them.

For the smaller property where
June, 1927

Economy is a necessity, or for any place where lights are used in considerable quantity, such as in a long pergola and in several arches, the V. H. type vapor lamp, with metal guard, is quite satisfactory. It has a waterproof connection, fits securely and is most ornamental, especially when used in numbers. This type of light, as shown on page 162, may be directly connected to the electric conduit, which can run the whole length of a vine strip on a pergola or underneath a transverse beam. Such lights are attractive, and when combined with an architectural feature have none of the spotty appearance of a single light set in the open.

Under the general heading of indirect lighting we have lights which, while illuminating no particular architectural object, light a general area. Light from houses or from tea house windows also comes in this class. While such lighting is useful, it is found only in conjunction with large features, is good only for small areas, and has no actual connection with the garden. It is a hard problem to design a system of indirect lighting to care for large areas not covered by the direct lighting of architectural features.

The main difficulty is the securing of a standard which when not in use will pass as something quite different. One of the best solutions is the use of bird-houses, either hung or built in trees, or set on poles, as is the one shown at the top of this page. Under the overhanging roof of the bird-house are fixed two seventy-five watt lamps with a reflector. The lights situated as they are, it is impossible in the daytime to recognize the use to which the bird-house is put at night. As the bulbs are concealed and the light reflected, we obtain diffused illumination over a general area; and as the bird house is above the light, a black shadow against the sky makes its top invisible. If the house is well constructed, not a crack of light will penetrate to the interior of the structure. The birds do not seem to mind in the least the use of their home as the bird house is above the light, its top invisible. If the house is well built, the water itself is black and mysterious in striking contrast to the brilliant illumination above.

To illuminate water properly, lights must be underneath the surface. At the left, below, is a diagram of a lighting fixture for this purpose. For small ornamental pools or basins of a shallow depth, 30 watt light bulbs in V. H. fittings, sealed with white lead, are useful; for swimming or deep ornamental pools, a special light box with a screw cover works to better purpose; or, if only one light is needed, a powerful one may be installed in a control box or other feature.

For niches and to reflect against dark water, lights may be concealed behind a stone-work curtain, and if water is absent or some other reason warrants the light may be thrown from below as well as above. The great factor in lighting niches is the question of the effect given by shadows. Considerable study is necessary to determine the proper placing of lights to illuminate from the front, side, top or bottom.

It should be remembered that some light might kill the effect of moldings while another will give only shadows. If the work is of real importance, careful drawings or scale models should be made before installation. Once lighting fixtures are installed in permanent masonry, the force and color of the lighting may be changed, but the direction is fixed.

White electric bulbs are as a rule satisfactory for all general lighting, but for under-water illumination orange light is both softer and warmer; and if a cold effect is advisable in niches, green lights are quite spectacular.

It is well to remember that night illumination should never attempt to compete with daylight but should be for the purpose of creating a general illusion which will bring out all the (Continued on page 162)
shades to chance or to the upholsterer or to someone without taste.

It is a common thing to hear a woman say, "We have linen shades in our home." But she hasn't—because there are no linen shades. All shade cloth is cotton, variously treated.

Of the kinds of cotton shades, the first is the cambric—the most durable of all shade cloth. It is oil treated, damp-proof and resists weathering. New England seems to have a great predilection for this shade cloth. Then there is the Holland cloth, with its smooth lustrous finish—a cotton sized with clay and starch. Linen Holland refers only to the color, not to the fabric.

Certain firms make special kinds of cloth. One, for example, is a cloth which has the durability of a cambric and the smooth beauty of the Holland.

Some shade cloth is made in varying special weaves, corded or striped. There is the duplex shade cloth, too—one side being of a different color from the other. This permits a very discriminating person to have one side of the shade match the room and the other, perhaps, match or tone in with the exterior of the building. Furthermore, instead of two shades, this duplex cloth seems to fill the double need.

**VARIATIONS TO SUIT**

The standard widths of shade cloth fit practically any demand, but when one of them will not do, the cloth can be trimmed to suit. In addition to this, the shade purveyors can show you many, many colors. So it is not necessary to take anything that happens to be shown to you, for you can obtain almost anything you want.

The life of a shade depends on your treatment of it, for any device having even a small spring demands a certain respect. You should always pull a shade up and down from the middle; never grab it on the side and jerk it up, or your roller and shade will have their lives shortened. Don't wind up the spring so that the shade cloth will spring up and lap five or six times around the roller. Leave the spring as it is installed. Should it run down, be temperate in winding. Do not wash shades; clean them with art gum for a dry cleanser. Keep them well dusted. The cambric shade, however, can be cleaned with a moist rag—because of its oil finish. Never oil a shade roller, for one drop of oil will gum up the delicate paws and forbid free play.

Don't let your shades blow out of the window, or get wet. The life of shade cloth is not everlasting, but with proper treatment it should last ten years or more. A certain amount of failing is bound to occur, even in the fadeless colors, over a long period of time. Furthermore, dust will make its ravages in the best of fabrics.

**VENETIAN BLINDS**

On the decoration side of shade lore, there is much to say and many have already said it. Hence we leave this topic here for another: the so-called Venetian blind.

We have not as yet discovered the reason for this name. We find the blinds in the West Indies, some 300 years ago—but Venice doesn't seem to have originated them. However, in the last two years, the business of manufacturing them has fairly leaped into prosperity. Last year alone some 5,000,000 square feet of blinds were used.

Venetian blinds are window aperture coverings which will admit light and air as you will, or refuse to admit them. Briefly, they are made of a series of wooden slats with open spaces between them, bound together with cord and tape and raised, lowered and tilted with cords provided for the purpose, operating on pulleys or rollers. They can be used inside or outside of the window, on doors and on porches.

The particular value of the device is that it can be used for the purpose of awning and shade. In very wind-blow regions the blind is more practical than the lovely awning which we think makes a home so charming from the outside. Under such conditions it is also an excellent and good looking comfort. At its best it will outlive most awnings and shade cloths. It should last forty to fifty years. Of course, there may be need for new cords or new varnish occasionally, but not more often than once in three to five years.

Besides, the Venetian blind permits you to do a bit of ventilating by tilting the slats at the desired angle and thereby steering the air as it comes into your room. Thus you may have air without a draught and light as you will. For you can arrange the slats to be open at bottom or closed at top, or any other way you care for.

Being of wood, various kinds of Venetian blinds are used: white pine, linden, bass, yellow pine, birch, oak, mahogany, white wood and cedar. The best are usually

(Continued on page 122)
This New York apartment, the home of Mrs. James T. Terry, turns to the East for some of its furnishings. An original Chippendale chair in the living room has for background an antique Chinese stone screen and beyond it, in the cabinets, a pair of dancing girls of the T'ang Dynasty. Barneswald, Inc., decorators.
In the living room of the Terry apartment Chinese, French and English furniture mingle harmoniously—Louis XVI and XV chairs in old blue, a Chinese fireplace table in cherry brocade and, on the mantel, white jade trees in green bowls.

Another wall of the living room holds Chinese temple hangings. The curtains are of antique silk in gray-green, reds and blues, with a cornice painted gray-green to match the walls. The Aubusson rug is in cherry, blues, gray-greens and gold.

The main bedroom has walls of egg-shell blue. On the Louis XVI bed is a cover in salmon pink edged with blue stripe taffeta that matches the curtains. The inside curtains are of salmon pink organandy trimmed with scalloped ruffles which are picoted in blue.

The walls of the dining room are old blue, the curtains cherry brocade with glass curtains of gold Chinese gauze, and a blue cornice. A Chinese painted glass screen stands in the window and antique Chinese paintings hang on the walls.
DIRECTOIRE AND EMPIRE LIGHTS

While Napoleon Was Ruler of France The Arts Were Strongly Stimulated

MR. & MRS. G. GLEN GOULD

It might be expected that a Revolution so sanguinary and awful as that of the French in the 18th Century would not only disturb but would fairly uproot art, so that it would have to be replanted if it were to flourish at all. But nothing of the sort took place. There is scarcely a break in the quiet, orderly development of the classic style, which appeared in the late years of the reign of Louis XV, and developed into le style Louis seize, only to run its course in the Directoire and Empire.

Lighting fixtures testify to this as plainly as do other objects that embellished the home, so that far from revealing any gap in French period styles, the products of the late 18th and early 19th Centuries would have been classed as Louis 17th had an aristocrat been still in the saddle instead of the Little Corporal. But under a king there would naturally have entered into the work of the Court artists, Percier and Fontaine, a greater suavity and graciousness, with less need for the self-assertion and over-emphasis upon the force of his imperial regime which Napoleon felt necessary to convince the masses. All this appears in the designs of French lighting fixtures, and in their character we may read much of the history of the time.

Percier and Fontaine were the imperial architects, and to them we owe the lighting fixture designs which carried out their interior schemes in strict conformity to a coordinated plan, as was done by the Adam Brothers in England. The term Directoire has been given to the style of work produced by Percier, Fontaine, and others, during the period when Napoleon was a member of the Directorate, and for convenience has been used to cover the short term of the Consulate which preceded the Empire. The splendid lighting fixtures which officially added to the pomp and ceremony of Napoleon's Court were doubtless designed by Percier, as Fontaine confined himself to architecture. In these designs we detect little of the ugly and the crude, the over-burdening of ornament, and that blatant quality charged against the Empire style as a whole. This fact is largely due to the great state of perfection achieved by the metal-workers of the period. Bronze, cast and chiseled by the ébénistes, and finely gilded—doré ou ormolu—was the height of their achievement in this direction.

In Directoire models there are lovely classical fixtures that seem to have evolved naturally from Louis Seize types. Flambrères,—candlesticks, candélabres, appliques, bras de lumière or bras d'appliques—wall brackets, lustres—chandeliers, and lanternes all are symmetrical and graceful but abandon some of the ease and whim of the Louis Seize models, retain the sphinx and eagle, and encourage more purity of style in classic reproduction. Directoire construction and ornament retained a certain graciousness, slender proportions, some delicacy, but added a sureness of outline, a clean-cut effect whose emphasis in le style Empire became more rigid and more conventional.

The famous bronze-workers, Gouthière and Thomire, noted for their accomplishment under the old regime, were logically (Continued on page 130)
The large Empire candleabra at the left is of bronze dieu and is mounted on a pedestal of dark veined marble. The upper part of the pedestal is ornamented with classic figures in applied metal.

At the right is a magnificent Empire iron lantern from the Tuileries. Set on scrolled supports and ornamented by a flame crest, spread eagles and anthemion. Courtesy P. W. French & Co.

A pair of splendidly executed Empire candleabras, one at the left and the other at the extreme right, suggest by their bases Egyptian columns recumbent. Bronze figures uphold candle sockets. Baguès, Inc.

Formed of a suspended classic base which supports dancing cupids blowing on uplifted trumpets is the ormolu lustre shown above. It was made between 1795 and 1799 and is in the style Directoire.

(Below) An elaborate Empire ormolu lustre, the suspended classic lamp ablaze and circled with cornucopia candle branches, ornamental chains and a crown of palmettes. Courtesy Baguès, Inc.
BY about 1790 America was fully ready for the new styles in furniture and decoration. Furniture designed in the Sheraton and Hepplewhite modes was made here as much as five years earlier, but we can now see the full flowering of the Classic styles.

Our infant nation experienced the usual troubles of childhood and with difficulty found its own political feet. Now it stood alone, alert and vigorous. The Constitution went into force in 1789. In the same year Washington was inaugurated first President and again as leader was proving himself both strong and wise. The battle for Democracy was already on, but society and politics remained essentially aristocratic. Financially we were fast recovering from the exhaustion of war; again there was money to spend and a desire for the amenities and luxuries of life.

In the new furniture, elaboration was superseded by quiet elegance, the curve by the straight line. Chippendale’s influence had paled under the classic onslaught, he himself had died during the Revolution (1779) and, though his son carried on the business for a time, one of the most brilliant firms known to the history of furniture-making finally went out of existence in the bankruptcy court in 1805.

We may very briefly see how the new styles came into being. The discovery of the buried Roman cities of Herculaneum and Pompeii early in the century had caused a permanent sensation all through Europe, resulting in the rebirth of the Classic influence in furniture. In architecture it had never died out but now took a new direction. By 1760 we already find in France what we know as the style of Louis XVI—fourteen years before the death of the predecessor of that monarch. By February, 1758, Robert Adam, returning from four years study of the classic remains of Central and Southern Europe, had opened his London office. He speedily became the most famous architect of his time, with an influence so great that these years are often, and justly, termed the Adam Period.

Yet no Adam furniture was made here. It was through Shearer, Hepplewhite, and Sheraton that American furniture became classic. The reason is obvious. All three men issued books, and Shearer’s designs were included in still another volume, but the “Works of Robert and James Adam” illustrated their architecture and contained no designs of what we term “household furniture”. His own pieces were mostly elaborate and for palatial establishments. Even our craftsmen had access to them, they would not have been apt to adopt furniture of this class.

Shearer was an excellent designer but his reputation has been smothered by those of his more eminent contemporaries.

We do not know when George Hepplewhite entered business. He died in 1786 and the establishment was carried on by his widow Alice under the firm name of A. Hepplewhite & Co. “The Cabinet Maker’s and Upholsterer’s Guide” was published under those auspices in 1789. The plates are dated as being published in 1787, but whether this publication was general or merely formal I have no means of knowing. The preface to that volume claims that its designs follow “the latest or most prevailing fashion only,” and we do not know how closely the furniture previously made by this firm conformed to the designs shown in the book.

Communication with England was entirely cut off during the Revolution and (Continued on page 124)
A Sheraton chair, probably made in New York. Its legs have typical Sheraton reeding. From the collection of R. T. H. Halsey now on exhibition at the Metropolitan Museum.

To the right is a transition chair retaining the Chippendale back uprights but with typical Hepplewhite details. Shown by courtesy of Charles Woolsey Lyon, Inc.

The sofa at the top of the page is Sheraton in every respect except that it has the camel-back surviving from Chippendale and Hepplewhite. Pennsylvania Museum.

The piece below is a Sheraton sofa as interpreted by Duncan Phyfe. The triple ornament of the back rail is typical of Phyfe. From Howard Reifsnyder.

A charming Hepplewhite side-chair, with its typical shield back. From the collection of Howard Reifsnyder.

A Sheraton chair of New York origin owned by R. T. H. Halsey and now being shown in the Metropolitan Museum of Art. It was a not uncommon New York type.

To the left is a Sheraton chair with Hepplewhite features. The stout stretchers are an American survival. The collection of Mrs. J. Woodstock in the Pennsylvania Museum.

(Center) An American Hepplewhite square-back chair. Below is its inspiration, a design in Hepplewhite's "The Cabinet Maker's and Upholsterer's Guide."
In selecting a place to live, whether a city apartment or a country house, the view from the inside looking out can be a factor that adds to the wonder and charm of rooms. San Francisco lies far below this leaded casement, a wonderful panorama of almost theatrical beauty. This window is in the apartment of Mrs. Edgar Walter.
The author's dining room curtained and furnished like an English country house looks out on a New York rooftop that has been developed into a colorful garden.

As a sketch is often more interesting than the finished masterpiece, as the glimpse is more intriguing than the full view, as half-heard melodies are to those heard—so, as in all else, the quality to cultivate in houses is illusion. It is not so much its actuality but its quality of suggestion that renders one interior superior to another.

A large part of the successful suggestion within a room flows from what one looks out upon. After all most of our time is spent inside our houses. It therefore is well to develop as far as possible that quality of illusion, of suggestiveness, which makes each one of us see, in a glimpse, that something which touches the secret springs of individual imagination.

Memories which lie hidden are brought forth in varied guise by a single view, holding as it does a different meaning for each one who beholds it. A pine tree waving in the wind, to some might suggest the corner of an old wall in Tuscany, and to another some favorite nook in Maine.

After an aeroplane trip from Paris to London we arrived at our delightful hotel with its equally famous and charming cook. Our tea was brought up to our sitting room—and such a tea! Caviar in a huge brown jar, buttered toast, tea and a basket of hot house grapes. The room was painted green with a white fireplace, brass andirons and fender. As we sat there, in huge upholstered chairs, loosely slip covered, with a heavy glaze chintz (which had been in use for over twenty years) the design of which was large mauve ribbons on a dead white ground, we looked out through one of the French doors onto a terrace. Actually it was only the roof of the sitting room below, but so charmingly arranged with pots of Oleanders and Rhododendrons that gloomy London seemed to fade off into the distance and to give place to a pleasant morning room in a country house.

(Continued on page 118)
BELOW LIES LONDON TOWN

At Hammersmith the Thames swings around and those so fortunate as to have a window on Hammersmith Mall see the bridge and the sweep of the river and the rooftops of London. This is the strategic and stimulating view commanded by the home of G. K. Mitchison, an excellent example of "From Inside Looking Out"
The dignity, grace of line and well balanced masses of the old houses in provincial France make them excellent types to reproduce in this country either as large residences or small cottages, leaving the usual proportions unchanged. The walls of this house are brick, the roof of a bluish-gray slate.

FIVE MANOIRS FROM OLD FRANCE

Sketched Especially for the Readers of House & Garden

by Samuel Chamberlain

ARCHITECTS and those who are planning to build country houses here are turning more and more to the French countryside for their inspiration. From Brittany to Provence, hidden away on well-kept or neglected farms, are to be found rare gems of native architecture that, with but few changes, can readily be transplanted to many American suburbs and country districts.

Whereas the English cottage and manor house and the smaller Italian and Spanish villas have long since been exploited for our designs, the French farmhouses and manor houses in their various aspects offer a refreshing style whose qualities are well worth our appreciation.

It has dignity. It has eminently livable aspects. It can afford inspiration for both small house and large. It can be executed in many kinds of material—wood, stone, stucco and brick. And it has a picturesque air that does not fade when carried to the new environment of America. Perhaps the first and most striking of the details is the roof—noble and expansive. Then the orderly arrangement of the windows and doors and the details of their shutters. Then the texture of the stone walls, laid on irregularly. Finally (for one could set down a large catalog of fascinating details) these French farmhouses call for orderly little gardens set about them—prim, formal, dignified and enclosed little patterns that come as a relief to the naturalistic and informal landscaping of which we have had so much in America of late.
While half-timbered walls are to most people associated with English architecture, it is a fact that in France are numbers of houses of half-timber and plaster construction. Timbers on this house were once stained black and now have weathered to a warm gray tone. The roof is of greenish slate.

French architecture lends itself well to the design of large residences. While the typical French house is essentially dignified and formal, yet it has none of the stiffness which a formal house so often betrays. Built early in the 18th Century, the house below has red brick walls and an orange roof.
OLD MANOIR NEAR PONT L'ÉVERGE

Above we have a manor house which contains within itself the very essence of the calm, restful spirit of the serene French countryside. Quite literally it seems one with its surroundings, linked with the soil by the old espalier Pear trees trained upon its walls and the well cared-for trees which frame it.

The roofs are a most notable detail of French domestic architecture. In both outline and character, whatever the material of which they are constructed, these long roof lines are indeed unmistakable. Below is shown a most interesting old manor house from a nearly forgotten village in the Eure.

MANOIR NEAR LYONS-LE-FORET
A COTTAGE WITH A PAST

Formerly used for the storage of garden tools, this little house has been transformed into a cottage for summer occupancy. A rustic trellis has been erected fronting the entrance and Grape vines trained across it. Mrs. L. J. Ford of Rye, New York, is its owner. William E. Lescaze was the architect.
Interior walls in the Ford cottage are of composition boarding. Dining room furniture is of pine; chair seats and backs are covered in checked gingham.

(Left) The living room fireplace is of marbled concrete with a slate hearth. The ceiling is of pine in natural finish. A large hooked rug covers the floor.

Built about the stove is a cupboard of composition boarding. Where it faces the stove an asbestos coating was applied. Trim and furniture are pine.
Chestnut Hill, Pa., is fortunate in its native ledge rock. And if with this a sympathetic architect builds a house in the English manor style, you have the successful result that Robert R. McGoodwin attained for W. Griffin Gribbel.

An L-shaped plan was used for this site, with the service rooms and garage in one wing and the living quarters in the other. The ground has been laid out so that the flower garden is located directly off the paved terrace at the rear of the house.

The Grape-coupled terrace, pictured on page 89, is shown here in the photograph of the rear of the Gribbel house. A noble texture has been given the walls and the pantile roof. The house fits its site with comfortable grace.

AN ENGLISH COUNTRY HOUSE FOR AMERICA
Symmetrical placing of ranges of un-mullioned windows and many expanses of cement wall in combination with the extreme rectangularity of the residence give to the rear the appearance of one of our own sunlight foodstuff factories.

Another view of the rear seen at an angle to the house shows the stairway from the garden to the loggia. A pool underneath the loggia receives rain water from the roof which is conducted by way of earthenware drains in the outer walls.

A style of building truly representative of the present age is the aim of modernist architects. While it is undeniable that such designs as the facade shown below have an arresting quality, whether or not this style will endure for long is questionable.
This English country house, designed by Professor Behrens of Vienna, is an example of advanced modernistic design. Unusual indeed is the massive living room fireplace. The odd appearing windows flanking the fireplace are of metallic tinted glass illuminated by lights set between these and outer windows.

Simplification of lines to make vertical or horizontal planes is a dominating feature of modernist architecture. Absence of all curves from this architecture is obvious. Even the clock above the door bears evidence of simplification. A triangular window at the stair landing is an interesting touch.
CHIMNEYS ADAPTABLE FOR MODERN RESIDENCES

Bricks showing at irregular intervals give texture to a whitewashed chimney on a suburban house. Chimney pots are from Northeastern Terra Cotta Co.

Here a tall chimney rising from the junction of two roofs has three rather tall formal chimney pots. W. S. Dickey Clay Mfg. Co.

(Left) This extremely simple chimney, constructed of brick and stuccoed, is designed for use upon a Mediterranean type house.

(Right) Another chimney for a stucco or cement surfaced house is finished with round chimney pots. W. S. Dickey Clay Mfg. Co.

English Tudor and Gothic houses need ornate chimneys, such as shown above. Chimney pots from the Atlantic Terra Cotta Co.

This type of chimney is in character with the English country house style of residence as built in America. Chimney pots are from the Atlantic Terra Cotta Co.

Also appropriate for homes in the English country house or manor fashion is the chimney sketched above. Chimney pots are from the Gallaway Terra Cotta Co.
VARIOUS CHIMNEYS FOUND IN THE OLD WORLD

This chimney, found on a cottage at Lidenx, France, is topped with rather oddly shaped pots, through holes in the sides of which smoke is emitted.

On a formal English house we find a chimney that in its decoration is a reflection of the spirit in which the residence was designed.

(Left) A stone plaque let into the chimney of a French cottage near Damville, Eure, was inscribed with the owner's coat of arms.

(Right) Rather ingenious is the cap over the chimney of a French chateau, so designed that rain and snow are kept from entering.

The decorative Gothic treatment of a large French residence has been carried even to its chimney which is shown sketched above.

One of the end walls of an old cottage in Kent, England, is constructed of brick partly plastered over, and contains the double stack chimney which projects above it.

At Ambois, Eure et Loire, the chimney rising from a house wall has projecting bricks set below its cap to make an interesting play of light and shadow.

Many brick chimneys similar in design to the simple one from Berkshire sketched above are to be seen on farmhouses throughout the rural districts of England.
Cast iron is coming in again. Here it is applied in a delicate design to a garden bench, suitable for setting in front of a wall. From the Snow Iron Works

A Chinese Chippendale effect is given to this iron garden chair. Its seat, which is easily removable, is of rush. From Ruth Collins

The sturdy lines of this garden chair of unpainted wood recommend it for a permanent outdoors place. From the Arden Studios

(Left) In the Philippines, whence this came, it is called a siesta chair. It is of wicker and has down cushions that can be covered in any material. The stool is a separate piece. From the Arden Studios

Instead of the ubiquitous cushion, one may carry around the garden this cane chair. Leather straps hold the back in place and the handle is for carrying it about easily. It comes suitable for tennis courts, beaches and lawn. From Ruth Collins
A weather-proof chair to be used for garden or terrace is found in iron, painted either an antique green or a terra cotta red. Ruth Collins

"Le Touquet", a folding garden chair, comes in green or can be painted in any color desired. From Wanamaker's

Since a garden bench often marks a focal point—at the end of a path or against shrubbery or a hedge—its design must be pleasing. This is an excellent choice for use in just such positions. From the Coons Manufacturing Company

For beaches, lawns and yachts has been made this lazy pad. It can be rolled up for storage. The covering material has a black ground and green leaves, or any desired material may be used. Ruth Collins

Under the cool shade of trees or on the porch or terrace this summer outdoor chair would be a welcome furnishing. It is of natural French cane with Spanish stripes in red, green and gold. From the McHugh Willow Furniture Company
COLLECTING SWEET FRAGRANCES

Perfumes Have Always Charmed and Intrigued
Those Who Seek The Old and Curious

GARDNER TEALL

In all the pharmacopoeia of wizardry I doubt if any charm in power is greater than sweet fragrance to stir the mind.

This must always have been so. The fragrance of flowers, the perfume of meadow, field and forest, balsamy incense, the odor of sweet spices—all these must always have conjured up within the mind some atavistic reflection. "And because the breath of flowers," says Francis Bacon in his essay Of Gardens, "is far sweeter in the air, where it comes and goes, like the warbling of music, than in the hand, therefore, nothing is more fit for that delight than to know what be the flowers and plants that do best perfume the air."

But long before Elizabethan times, the virtues of sweet fragrance were recognized, and indoors as well as out delight was sought in them. Perhaps one of the earliest uses of artificial perfumes, (if, indeed, it was not that which first brought about thought of their compounding), was the counteracting by their means, the somewhat nauseous odors of burning sacrificial offerings. Certainly the ancient priesthood of nearly all religions were skillful in making incense, and this perfume came naturally into ritual. Again, it was believed that incense had medicinal value, was more or less of a sure disinfectant, and so its use in the crowded, ill-ventilated, unsanitary churches of centuries ago would have persisted in all probability.

Ancient writings contain frequent allusions to perfumes of all sorts. Sophocles said "Thebes reeks with incense." In Horace, Epistles, we read "... (my writings) shall be consigned to that part of the town where they sell incense, and scents, and pepper, and whatever is wrapped up in worthless paper."

Someone has said (I do not know who) that the Lotus has its roots in the mud of the Nile and its perfume at the (Above) An incense burner tray of bronze and silver, accompanying the 14th Century burner from Mesopotamia shown at the top of this page.

France of the 18th Century was the source of the delightful porcelain perfume burner shown at the left. Courtesy of the Metropolitan Museum of Art.

(Right) Battersea enamel, of 18th Century English workmanship, often was used for fashion scent bottles, as in this quaint example. Note the metal top.
throne of God. When Howard Carter brought forth from the Tomb of Tut-ankh-amen five beautiful vases of alabaster which had contained sweet, scented oils for the daily anointing of the king, those to whom he showed them are said to have detected a fragrance left by the contents after all these thirty-three hundred years.

The Romans also placed perfume in tombs. Pliny writes of fashions in perfumes among the *beau monde* of his day, and Suetonius tells us that in the dining hall of Nero’s Golden Palace was placed a mechanism of ivory and silver for spraying the Emperor and his guests with perfumed waters as they reclined feasting. At the funeral of the Empress Poppaea more incense, it was said, was consumed than Arabia could get together in ten years time.

Mohammed held forth a goodly store of perfume to believers as one of the rewards they would receive in Paradise, and to Avicenna, an Arabian physician who flourished in the 10th Century we owe the invention of Rose-water. This the Crusaders brought into Europe for use at the tables of the nobility, whose guests lavished their hands in the new luxury. Matilda, Queen of Henry I. of England had sent her from France a wonderfully-wrought peacock of silver, intended as a receptacle for Rose-water. This reminds one of an earlier use of scented waters: A Chinese scholar and poet, Liu Tsung-yüan, who lived in the latter part of the 8th Century and in the first quarter of the 9th, said that he never ventured to open the books of the celebrated poet, Han Yu, without first washing his hands in scented water.

Royalty has always sought the charm of sweet scents: Clovis, the first Christian King of France, was baptized amid clouds of incense; Athelstan, grandson of Alfred the Great, the first king to unite England, received as a precious gift from the

(Continued on page 114)
IN THE MANNER OF LOUIS SEIZE

In the Metropolitan Museum of Art is preserved one of the finest examples of a Louis XVI shop front. To show how well this can be adapted for an American site—a jewelry shop, for example—Chester B. Price has visualized it in a modernized setting of the period.
To the left is what you usually find on the business streets of the average American city—a hodgepodge of architectural monstrosities. On the right this same street is visualized with respectable architecture. The better designed buildings cost no more than the poorer.

SHOPS FOR TOWN BETTERMENT

A Vast Improvement Can Be Made In The Shop

Fronts of an Average American Town

An attractive shop front is proof of the taste and enterprise of the proprietor within, and a street-full of attractive shop fronts is a sign of the taste and prosperity of the community in which it is found.

Within the last ten years it has become increasingly apparent that Fifth Avenue and Main Street are budding and blossoming. Even the terrible effects that have been achieved at times are very often obviously less a move in the old and opposite direction than the result of over-zealous attempts at beauty and picturesqueness. The latter quality is a dangerous one with which to play and is responsible for most of the failures, giving as it does, to a façade actually composed of steel, stone and brick, a feeling of stage scenery and paper-mâché. Turrets, false gables, silly “antique” stuccoing, “quaintness” are all right as tricks in the movies, but for a purpose in which an impression of soundness is desirable, it is better to design façades which look as though they could, without warping or shrinking, resist a stiff breeze or a sharp summer shower.

At the top of the page is shown the contrast between the haphazard block of the speculative builder and a façade of shop fronts in which not only the amenities of architecture have been preserved but in which some respect has been paid to the taste and intelligence of the occupants, the patrons and the passers-by. The slight difference in original cost between the two would soon vanish in the difference between the two up-keeps. It would also vanish in the difference between the two revenues. As a matter of fact, it would vanish in the town’s self-respect as created by the difference between a feeling of shame on the one hand and one of pride on the other. Almost unconsciously to offer excuses for the higher cost of the better design, even on such reasonable grounds as these, is an indication of the attitude of many builders towards buildings. For there is a certain type of builder whose utter lack of feeling for architecture, and whose desire to achieve what he considers the greatest effect with the smallest expenditure, makes him a menace to the community. And as the nature of business buildings and shop fronts is in a way semi-public, the community should discover some means of persuading him to build better and with more regard for beauty.

Part of the charm of Paris streets is due, no doubt, to the shop fronts, some of which are gems of architecture. The one illustrated on the opposite page may be seen at the Metropolitan Museum, where it is set up just as it stood in the French capital. It is full of suggestions for shop fronts here which do not require an expanse of plate glass for window displays. It would be ideal for a small restaurant or a book store.

The problem of converting (Continued on page 134)

A shop front in Watertown, Conn., designed by Electus D. Litchfield, showing the application of good Georgian motifs to the front of a modern shop.
The Gardener’s Calendar for June

This Calendar of the Gardener’s labors is planned as a reminder for all his tasks in season. It is fitted to the Middle States, but should be available for the whole country.

**SUNDAY**

The summer night wainscot, the morning light slips.

Poem by William Morris

**MONDAY**

5 As the Sweet-fern

Gives signs of ripening a moulded ball will be placed under their heads and corn right up to the crown, to keep them clump.

**TUESDAY**

6 Many of the flowers

That grow in clusters should be cut while they are still small and not allowed to flower. The same condition a man can vegetables and flowers grown in the garden be supported against slakes placed around them, or by supporting them directly in the garden. Top-dress will out and discard the weaker plants.

7 Gladiolus bulbs

Planting may be made until the middle of June, or even later. The best varieties, however, are grown in the region where they have grown for some time. They are set out in the same time during October.

**WEDNESDAY**

8 Snipping off the tips of growing plants "pinching back," the gardener is going to save the plant from sending up a steady, branching growth of shoots, which is not desirable, and which may do much to weaken the main stalk, if large, and forming new shoots below. Unless a fair amount of foliage is left on all summer the plants will be weakened.

9 Cutting off the dead flowers

That grow in clusters will do much to keep the flower-Yeast mosaic disease, in which they can be cut off at the ground, where the disease is not so common.

**THURSDAY**

10 Terrapiled

10 bulbs, especially those which have been recently cut, should be kept moist and cold. This is very important in the cold conditions. You will occasionally add to them.

11 Thoroughly

Round about all the bulbs should be worked, and the soil thoroughly dug. The bulbs should be stored in the dry, dark, cold, and not to come into contact with water.

12 Terrapiled

5 bulbs will be a good start for the bulbs, and will do much to keep the plants from growing too fast. If the bulbs are cut off too soon they will soon come into contact with water.

**FRIDAY**

13 Shovel should be handled carefully, as a good shovel is a very important tool for the gardener to have. Even in poor condition it will cause rust.

14 A half dozen

Potatoes kept in the refrigerator room will do much to keep the plants. The potatoes are kept in the refrigerator room in the spring and planted when the weather is warm.

15 Terrasslated

10 flowers, especially those which have been recently cut, should be kept moist and cold. This is very important in the cold conditions. You will occasionally add to them.

16 Terrapiled

10 bulbs, especially those which have been recently cut, should be kept moist and cold. This is very important in the cold conditions. You will occasionally add to them.

**SATURDAY**

17 Outdoor seed

Sowing should be started now, and which will not interfere with the list of plants that are being grown for summer use.

18 The leaves of all

The spray-flowers should be handled carefully, as they are not easily accessible to water.

19 Dubliners ought

Not to be handled more than a single time or twice, if larger blooms are desired. Other than the occasional cutting, the flowers could be removed while small.

20 No aloe-mum

Aloe should be handled carefully, as the aloe does not bloom even in a sunny climate. If the leaves are removed while small, they should be removed while small.

21 Unless all as for:

The flowers are naturally well, better in a sunny location than in the shade, where the flowers are naturally well.

22 Food put out for

2-3 insects may make little injury, if kept moist on a piece of white paper. A plant to watch for is the plant louse, which is easy to grow and quite hearty.

23 Sharpeners are

In the use of knives, especially if they are untrimmed, they should be sharpened by other methods.

24 As the Corn de-

The corn is heavy, and makes a very good plant for the garden. It should be planted in the early part of the season, and the plants should be cut back to keep them fresh.

25 The Lilac bush

A thinning may be made at the end of the season, as the dead flower heads are not very attractive. Some, however, such a procedure will give the plants a neat appearance.

26 No work should

Be done among the flower plants while they are not very large, but once or twice they can be handled carefully, especially in a sunny season.

27 If there are not

Many gardeners choose their garden plants, this is the time to watch them, and to trim them just before the bloom. This is easier and will come as maintenance may be needed, and this is easier and will come as maintenance may be needed.

28 To be on the safe side, use no manure or peat moss on this plant. It is not likely to be used in this plant. It is safer and will come as maintenance may be needed, and this is easier and will come as maintenance may be needed.

29 One of the quickst

Ways to raise the plant to plant in the ground is to put it in a flat, and plant it in the ground. It is easier and will come as maintenance may be needed, and this is easier and will come as maintenance may be needed.

30 Even shaded

Plantings need some attention to time, and the plantings should be in the ground. If you are under trees, you should take up a lot of soil moisture, some of which must be replaced.

Then came the crocibul,

Like a dancer in the fair,

She spread her little veil of green,

And rubies in her hair.

With a fitful bound about her breast,

A golden fillet wound her brow.

And rubies in her hair.

Sydney Dobell

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**GARDENER'S CALENDAR**

**JUNE**

**MONDAY**

1. *Rhododendrons* and *Rhododendron* are a great source of neater flower varieties.

2. *Chrysanthemums* and *Roses* are a creator of new varieties.

3. *Astrantia* or *Astrantia* is one of the best varieties of *Astrantia* for summer use.
WHEN TO SERVE CLEAR SOUPS

ONE OF THE most fascinating features—about soup is its almost endless variety. The clever home manager finds in soup her most delightful and convenient ally in making her daily meals “different”. Tomato and Vegetable are, of course, the favorite soups. In fact, these two kinds have made soup so popular that the planner of the meals is likely to find the family hoping for it and expecting it every day. So she is grateful that she can choose from nineteen different kinds of Campbell’s Soups, in addition to Tomato and Vegetable. All blended and prepared and requiring only the addition of water and a few minutes simmering before placing on the table!

CLEAR SOUPS, when included as a part of a meal, should be regarded as the introduction or forerunner to what is to follow. They are not to be depended upon to supply as generous a part of the nourishment as the thicker soups. Thus the clear soups are appropriate at the beginning of a hearty dinner and to give the first warm glow to the luncheon or supper when other dishes are to follow. At formal occasions—the fashionable dinner or luncheon—the clear soups are in special favor because of their charming appearance, their delicious flavor and their invigoration. For the same reasons they are prized for the longer meals on the family menu.

CLARIFIED broth of the choicest beef is the principal ingredient of these clear soups. They are therefore especially valuable as a tonic to the appetite and in inducing a free flow of the digestive juices. Remember this about them and serve them whenever the appetite needs coaxing and whenever your wish is mainly for the brisk invigoration of a bracing hot liquid food. Many a time you look to the soup chiefly for that and then your selection should be a clear soup. Often, too, after exercising in the open air, a brisk motor ride, or before retiring at night, nothing “goes right to the spot” like a piping-hot cupful of clear meat soup. Of course, the value of Campbell’s Bouillon for invalids and convalescents—adults and children—has long been recognized. Campbell’s Printanier, jellied (you simply put the can on ice overnight), is a summertime favorite.

Your grocer has, or will obtain for you, these clear Campbell’s Soups—Consommé, Bouillon, Printanier, Julienne. 12 cents a can.

When we have a race for dinner
Count on me to be the winner.
I can hardly wait a minute
For my bowl with Campbell’s in it!
MOSQUE PRAYER RUG
Reproduction

BENGAL-ORIENTAL RUGS
Why We Reproduce Only Persian Rugs of Highest Quality

The value of a Persian rug may depend upon its antiquity—its color—its physical quality—its rarity of origin—its weave. Reproducing a rare rug authentically for you presents no greater problem to us than the weaving of a "Tapis Ordinaire," so, naturally, we concentrate our efforts on the Oriental rug of unusual value and charm. You have never seen an Oriental rug faithfully reproduced unless you have seen the Bengal-Oriental. . . . the wonder is that rugs so Oriental can be made anywhere but in the Orient.

Price for 9×12 size does not exceed $185 in any part of the United States.

JAMES M. SHOEMAKER CO., INC.
119 WEST 40TH STREET, NEW YORK

A Consulting Decorative Service Without Charge. Mail the coupon with full details and we will send you color plates and information as to sizes and prices.

Please send me color plates of rugs for
☐ Living room, size
☐ Dining room, size
☐ Bed room, size
☐ Hall, size
☐ "Backgrounds of Oriental Beauty" by Alice Van Leer Carrick.

Name ____________________________
Street ____________________________
City _____________________________
State ____________________________
My dealer's name is ____________________________

Mail this coupon to Consulting Decorative Department
THE HOUSE OF SHOEMAKER, 119 W. 40th St., New York

Pale blue Hydrangeas are given well-chosen prominence in the Ballinger garden. This view is from the top of the steps which lead to the right edge of the photograph on page 65.

GARDENS IN THE NORTHWEST

(Continued from page 66)

One of the new features of Mr. Ballinger's home is a rustic pergola on a level with the house foundation walls. This will soon be transformed by a covering of Grape vines and Wisteria.
How well this woman understands a home! you say, as you glance around the comfortable, modern living-room. But there's more than the careful selection of rugs, or prints, or draperies. Tea before the open fire becomes a friendly ceremony. A charming hostess presides over a stately service of handsome silverplate. Candles shine in rich silver sticks . . . the little drama proceeds.

Analyze this woman's home, and you realize she has rediscovered our heritage of fine silverplate—its decorative interest, its subtle color, its restrained splendor. Go into her dining-room—her meals are not only wisely planned, but effectively served. She appreciates the economy as well as the beauty of International Silverplate. She employs her silver platter, her silver vegetable dishes and gravy boat for family dinners as well as when she entertains. She uses her silver water pitcher and bread tray at every meal, for she knows they will last for a lifetime.

International Silverplate means fine silverplate, in every way worthy, at prices that people of moderate means can well afford. Whether your home has a rather formal elegance—period rooms with an Old World flavor, or reflects the simplicity of Early American days, you find the type of thing that appeals to you as most suitable in International Silverplate. For yourself or as a gift, you rightly consider a purchase of silverplate an important investment. Therefore, be guided by a guarantee of satisfaction made possible by long established reputation for excellence. International Silverplate is sold in the better shops. Ask for it by name.

"The Rediscovery of Silverplate" is a modern little booklet picturing many ways to carry out the fine old tradition of using silverplate in your own home. Free—send for booklet HW-70, Dept. E, International Silver Company, Meriden, Conn.
FOR FINER INTERIORS

A complete furnishing and decorating service

Our representatives search the markets of the world to find distinguished furnishings for American homes. Here we present these furnishings in appropriate settings to offer decorative suggestions. Pictured above is a corner of an English living room reproduced in one of our galleries.

Whatever the nature of your decorating or furnishing problem, we shall be glad to cooperate with you. Consultation with our competent staff will not obligate you. If you are interested in some piece or group of furniture, but cannot conveniently visit us, write and we shall gladly tell you just what we have for your purpose.

COLLECTING SWEET FRAGRANCE

(Continued from page 107)

King of France such perfumes as had never before been known in Britain; Charlemagne had the hangings of his palace walls perfumed; the first alcoholic perfumes were called "Hungary Water" in compliment to the Queen who interested herself in their distillation. Elizabeth of Hungary is said to have had the secret from a pious and perfume-loving hermit in the year 1378. The English Queen, Elizabeth, imported scented gloves from Italy, and wore them when she sat to a painter for her portrait. This fashion of perfumed gloves was still popular in Molière's day, as we may gather from the perfume references in the scene between Mascarelle, Madelon and Catho in Les Precieuses Ridicules. Queen Elizabeth also took pleasure in pomanders, those perforated hard-perfume receptacles, shaped like an apple. These hard-perfumes were made of different aromatic ingredients incorporated with some clayey substance and worked into form with a mixture of scented water. Their fragrance was believed to ward off contagion.

An old receipt written in the 17th Century gives the following directions for making a pomander: "Take a quarter of an ounce of Civit or a quarter and a half-quarter of an ounce of Ambergris not half a quarter of an ounce of y Spirit of Roses, 7 ounces of Ben­jamin, almost a pound of Damas Rose beds cut, Lay gumdragon in rose water and with it make up y Pomander, with beads as big as nutmegs and color y" with Lamb black; when you make y up wash your hands with oyle of Jo­min to smooth y", then make y have a gloss, this quantity will make seven Braceletes."

Even today the English court is said to possess a perfume formula known only to the Court Perfumer and some members of the Royal Family. If the formula of a perfume used for spraying the Palace apartments.

But all persons are not attracted by perfumes, at least by the same perfumes. A story was once related by Dr. Thomas Capellini of a lady who could not tolerate the perfume of Roses. She never went near them and never permitted them to be brought to her. One day, when visiting a friend, and passing into a room, she fainted at the sight of a Rose which was there in a vase upon a table. And the Rose was of the artificial variety, and unscented, this present.

(Continued on page 116)
Make your own movies with a Cine-Kodak

Its results will delight you . . .
Its simplicity will amaze you

It was the simplicity of the Kodak that created amateur photography, fostered it, maintained it. The Ciné-Kodak is grounded on the "know how" gained by the Kodak company in forty years of successfully serving the amateur picture maker. It fits the amateur requirements in motion pictures as fully as did its predecessor in making "stills." It puts Kodak simplicity into the movies.

The Ciné-Kodak provides every essential to the making of good pictures, with nary a bothersome non-essential. In quality it is an instrument of precision; its anastigmat lens fulfills every reasonable requirement without the bother of shifting. In operation it is as simple as a Brownie. The film finishing is done in our own laboratories at no extra charge. Anybody can make good motion pictures with a Ciné-Kodak.

You press the button . . . we do the rest

Complete outfit, Ciné-Kodak B for picture taking, Kodascope C for projecting, and screen, $140. Write us or ask your dealer for the booklet "Motion Pictures the Kodak Way."

Eastman Kodak Company, Rochester, N. Y., The Kodak City
an interesting subject for speculation.

Leopold Auer, in *My Long Life in Music* tells the following interesting incident of the première in Hanover of Gounod’s *Faust*—”I cannot forbear mentioning a surprise the manager introduced into the third act, in Marguerite’s garden scene. The moment the curtain rose on this scene, the agreeable fragrance of flowers was wafted from the stage, and filled the entire house. The effect of this faint breeze of fragrance was magical... This scene assured the success of the work. I have often wondered why so natural and charming an effect has not been employed in other similar scenes: in the balcony scene of Romeo and Juliette, which takes place in the garden of the Capulets, for instance, or in the second act of Parietal, where the Flower-Maidens dance in Klingsor’s enchanted gardens.”

In *Afoot in England*, W. H. Hudson writes: “We are all pretty familiar from experience with the limitations of the sense of smell and the fact that agreeable odors please us only fitfully; the sensation comes as a pleasing shock, a surprise, and is quickly gone. If we attempt to keep it for some time by deliberately smelling a fragrant flower or any perfume, we begin to have a sense of failure as if we had exhausted the sense, keen as it was a moment ago. There must be an interval of rest for the nerves before the sensation can be renewed in its first freshness.”

The Japanese have developed an acute sense for detecting perfumes and also in naming their flower-prototypes, as displayed in their Kikko, or “Incense-sniffing” ceremony, one which they have practiced since the year 1500, and which Basil Hall Chamberlain describes as follows: “The host produces from among a score of different kinds of incense, five kinds, to each of which he affixes at pleasure a new name founded on some literary allusion, and each man receives a number. The various kinds are then burnt in irregular order sometimes in combinations of two or three kinds, and the guests are invited to write down the corresponding numbers on slips of paper by means of certain signs symbolic of the chapter in a celebrated classical romance called *Genji Monogatari*. He who guesses best wins a prize. When the nose gets jaded by much smelling, it is restored to normal discrimination by means of vinegar.” And further on: “The art, the science, the mystery of ‘Incense-sniffing’ was practised by priests, Daimyos, and other revered seigneurs. The incense-burners and other utensils employed were master works of art, the meetings were accompanied with grave etiquette, serious treaties have been written on the subject,—in a word, ‘Incense-sniffing’ coming next to the tea ceremonies in the estimation of men of taste, was a pastime at once erudite and aristocratic, and one which no Japanese would ever have thought of joking about.”

Man’s interest in sweet fragrance and his cultivation of it, his use of it, his adapting to it his prayer, pleasure or pastime, as it may happen to be, has been accompanied by the need of various objects such as incense-burners, incense boxes, perfume containers, Rosewater ewers, pot-pourri jars, pomanders and so on. But he has wished to go further than mere utility in the matter and has invested and continues to invest such objects with the most exquisite skill which his art is capable of applying. The centuries have bequeathed to us many of these beautiful things, things well worth seeking as objects of adornment in the home. Both private and public collections are rich in bits of such ancestry, and their study brings to us much in history that gives them particular interest as mementos of art and life in other days.

**COLLECTING SWEET FRAGRANCE**

(Continued from page 114)

**GARDENS IN THE NORTHWEST**

(Continued from page 112)

borders which run from the attractive gate to the Italian, well-head terminating the long vista at the opposite end. One steps from the drawing room and dining room and also through a doorway of the long hall to a paved terrace, reminiscent of its Italian prototypes, with gay awnings, wrought-iron balcony, and wall lamps with shrubs and flowers in the four square beds. But recently added is the little garden built on a level with the foundation walls of the house, where a rustic pergola of Grapevines and Wisteria will soon transform the enclosure into a quiet spot of leafy shade and shelter. It is an interesting feature in the landscape design of Olmsted Brothers, who, together with the architect, Sherwood Ford, have created a most desirable house and garden. But the individual and permanent charm without and within is the work of the owner whose appreciation of beauty is coupled with far-seeing vision.
For her namesake... heirloom silver and Cannon Towels

..."I shall get Elizabeth her towels," said Grandmother, "and give her the dozen silver teaspoons that were her Great-grandmother Kirke's. I always intended to have them when she married." And Grandmother did more than she promised! She bought big fleecy bath towels, handsome bath mats to match. Fine huck towels in the most useful sizes, and handy little turkish towels too. Guest towels and kitchen towels—not to mention facecloths and amazing bath sheets. Elizabeth is absolutely delighted, other thoroughly approves.

With ample time to make selections, with ample means to buy the best, women with generations of good taste behind them—with an inherited love of the finest things—today choose Cannon towels for very particular fits. It is a practical choice for a young housekeeper, a wise decision for any woman, for Cannon towels as well as being beautiful, decorative, very much up to date, are of excellent texture, well woven, truly absorbent, and a thoroughly good buy. ...The wearing qualities of Cannon towels are highly appreciated by housekeepers on the largest scale, the great hotels of America. Linen buyers know that because the Cannon mills are the largest towel mills in the world, Cannon prices are incomparably low.

For your daughter's hope-chest, for yourself, consider Cannon towels. Look at them in your favorite store. Get the feel of them, and their prices (25c to $3.50). Convince yourself, as many others already have, that Cannon towels are the best. Cannon Mills, Inc., 70 Worth Street, New York.

Cannon towels and bath mats are guaranteed absolutely color fast.
LOOK under the top -- BEFORE YOU BUY

[Insist on seeing the St. Johns mark. It's a]
[Guarantee of style and quality at a low price]

YOU wouldn't select a piano, kitchen cabinet, refrigerator, radio or phonograph without looking for the maker's name or symbol.

You can't afford to be less careful when choosing tables—that is, if you want to be sure of correct design, honest workmanship and long life. The St. Johns emblem guarantees these things—and all at a price you won't mind paying. You will find it—the little mark in gold and red—under the top.

It's really wonderful how a few inexpensive, artistic St. Johns Tables will give any room a new note of charm and character. Ask to see them at your dealers and, in the meantime, send for a free copy of "Tables," our valuable guide to modern interior decoration.

St. Johns Tables

ST. JOHNS TABLE COMPANY
P.O. Box 708 CADILLAC, MICHIGAN

FROM INSIDE LOOKING OUT
(Continued from page 91)

Then too, there is a window which I think of, overhanging the Lake of Geneva. The villa with its terraces going down to the blue waters of the lake was originally a French-Swiss house with a Mansard roof of good proportions. It was bought by a lady, who, having an enthusiasm for Venice, had built an addition whose design and stone windows had been brought from Italy. I remember the view caught in that exquisite Venetian frame, a corner of an Ivy covered balustrade, a stone group of Cupids before a dark green hedge, and beyond the lake, the towering snow-capped mountains.

Every view should, if possible, suggest the romance of life, the mystery of the sea and woods or the strength of the everlasting hills. We must seek the gay eager feeling of anticipation at what may be found around the next corner; we must be willing to let our imagination run.

Why is it that many houses, built in the rather exaggerated Spanish or Italian style, some in good taste, have one quality in common—namely throwing successfully a cloak of romance over perfectly every day people. In these surroundings the visualise themselves, transported on of the commonplace, into a setting which seems to hold the promise of life of color and adventure.

In deciding to build, most of us have cut out of magazines photographs of houses which we like. And as we have motored about the country have made mental notes of this or that house, choosing in our minds our architect and house exactly on the exterior of the house. At last the fatal step has been taken. You decide upon an English Cottage, diamond paneled windows and long sloping roof. All your energy and thought are concentrated upon

(Continued on page 146)
The emerald choker necklace and the emerald bracelet were designed by Black, Starr & Frost to create the ensemble effect which is new and in fashion. Beautiful Indian carved emeralds are connected, by a decorative motive paved with diamonds, and rondelles of black onyx. Small matched pearls add to the attractiveness of the piece. The bracelet has an emerald pendant.

BLACK STARR & FROST
JEWELERS FOR 117 YEARS—FIFTH AVENUE, CORNER 48th STREET, NEW YORK • PARIS • PALM BEACH • SOUTHAMPTON
Gifts That Suit The Needs of Every Taste and Purse
Jeanne Gordon, a Star of the Metropolitan Opera Company writes:

"I love to sing Carmen and during the performance I smoke a Lucky Strike. They never irritate my throat. They are kind to my voice and delightful in flavor."

You, too, will find that Lucky Strikes are mild and mellow—the finest cigarettes you ever smoked, made of the finest Turkish and domestic tobaccos, properly aged and blended with great skill, and there is an extra process—"It's toasted"—no harshness, not a bit of bite.

"It's toasted"

Your Throat Protection

When in New York you are cordially invited to see how Lucky Strikes are made at our exhibit, corner Broadway and 45th Street.
In a motor car market of several millions, Cadillac 25 years ago set apart a special and particular group of men and women to whom it knew that Cadillac qualifications would appeal. Those men and women demand of a motor car that it shall be a responsible, reliable, never-varying agent of ease and enjoyment as well as an economic convenience. Cadillac owners never think of their Cadillac save as a splendid instrument waiting to serve, and then serving infallibly, and unfailingly every time it is called upon. This is the very heart and essence of motor car value—the secret of the hold of Cadillac upon the best judgment of the nation—the intangible but very tangible quality which renders it the one outstanding, enduring investment in motoring today.

Priced from $2995 upwards, f. o. b. Detroit
Now Comes—Simplified Electric Refrigeration

THE CREATION OF GENERAL ELECTRIC—
THE LEADING RESEARCH ORGANIZATION OF THE WORLD

THE GENERAL ELECTRIC ICING UNIT
is the revolutionary feature of new-day refrigeration.

THERE is now a new development in electric refrigeration for the home. An amazingly simplified icing unit by General Electric Company. A factor everyone, from now on, must take into account when considering an electric refrigerator. Electric refrigeration—above all things an electrical problem—has been solved electrically by the world's outstanding group of technical experts.

The General Electric icing unit is so supremely engineered and so precisely constructed that its operation is practically noiseless three feet from the refrigerator. It uses very little current and no special wiring is needed to hook it up—the regular house current is adequate.

The entire mechanism is housed in an hermetically sealed casing mounted on top of the cabinet. You never need oil it—never need touch it. It operates automatically, maintaining a practically constant temperature in the refrigerator.

Only an institution like General Electric Company—with its world-wide electrical resources—could have produced so outstanding an electrical achievement.

It marks 15 years of intensive research. Some 64 leading engineers cooperated in its development. Their goal was to produce the simplest, most practical electric refrigerator Electrical Science could achieve. Several thousand refrigerators—of 19 different designs—were built, field-tested and improved before production of the models now announced was authorized. They embody the best thought of the leading electrical research organization of the world.

Now thousands who have debated the purchase of electric refrigeration will want to see this new creation, will want to find out what General Electric has done in the field. Buying any other way is a mistake.

Remember that the efficiency of any electric refrigerator you may purchase rests basically on its efficiency as an electrical device.

The General Electric Refrigerator is obtainable in various sizes suitable for every home. Different models are now on display at lighting companies and dealers everywhere.

Write for Booklet No. 6-H. It tells all about this new-day refrigerator.

Electric Refrigeration Department
of General Electric Company,
Hanna Building, Cleveland, Ohio.
Announcement of great importance

MULLINS RADIATOR ENCLOSURES and SHIELDS

Mullins announces metal Radiator Enclosures and Radiator Shields in a range of standard sizes and wonderful finishes, to fit practically all sizes of radiators without the expense, bother and delay of special-design, made-to-order installations. Enclosures and Shields are now being introduced through Department and other Retail Stores.

They never were handsome, those radiators! Interior Decorators, and others sensitive to beauty, have for years made a point of concealing them, to bring them into harmony with other room furnishings. Mullins Radiator Enclosures and Shields conceal unsightly radiators and protect walls and draperies from rising dust, at prices averaging less than half of what has until now been considered necessary.

Both Enclosures and Shields are beautiful in the fullest sense of the word, just as fine furniture is beautiful. Walnut and Mahogany finishes are available, reproducing the true wood grain by a process photographic in its accuracy of detail and coloring. Old Ivory may also be had, or a ground color only, ready for painting as you desire.

Water pans for humidifying the atmosphere are supplied with all Mullins Enclosures and Shields. All Doctors agree that this is one of the most valuable preventives of colds and sore throats, since ordinary heating methods dry the needed moisture out of the air you breathe. (Watch your growing plants flourish in a properly humidified atmosphere. Then remember that human plants need moisture, too.)

Installation is but the work of a moment. The whole system of expensive special processes and prices and delays is eliminated. Consider the price for Enclosures, ranging from $20.00 upward, and you will see how great the savings are.

Department and other stores are now getting Mullins Radiator Enclosures and Shields in stock. The many standard sizes and finishes will thus be easily obtainable.

MAIL THIS COUPON TODAY!

House Furnishings Division,
Mullins Body Corporation, Salem, Ohio
Gentlemen: Kindly send me Color Prints
and description of Mullins Radiator Enclosures
and Shields.

Name
Address

Send for Beautiful Color Prints

Color Prints of both Mullins Enclosures and Shields will be gladly sent on request. Better yet, call at your local store and see them on display, House Furnishings Division, Mullins Body Corporation, Salem, Ohio.
THE Chrysler Imperial "80"—supreme expression of Chrysler Standardized Quality—was designed and built for that market which sets no limit on price. 80 miles and more an hour, 92 horse power with a responsiveness signifying perfect mastery of both; an ease of luxurious riding that makes motoring comfort take on a new meaning—the genius of Chrysler engineers has combined these results to make a car as fine as money can build.

Ten body styles, priced from $2,995 to $3,995, f. o. b. Detroit, subject to current Federal excise tax.
The Princess Anne
A CHIPPENDALE Pattern

Who doesn't believe in fairies? Have you not, as a child, sat spellbound while some elder told of the beautiful, Fairy Princess with eyes like stars, who was dressed in robes of shimmering satin?

Such a princess was Anne, daughter of George II of England; a beautiful young woman with personality so lovely that after her has been named the newest in Sterling Silver—the Princess Anne pattern.

The design is rather severe in outline, following the flawless style of Chippendale. It is graceful yet restrained, relying for favor upon its absolute symmetry of form and its simplicity of decoration.

The Princess Anne pattern may well be the one preferred for the home of modern American architecture. Its character, exceedingly beautiful, yet never losing sight of "the practical in its purpose," has definite charm which will be felt and enjoyed in any refined home of today.

You may order from any fine jeweler the pieces shown here and other articles in flat silver and hollow ware. We will be glad to send you a booklet on Princess Anne, together with a copy of "The Wonder of Sterling Silver." Address R. Wallace & Sons Mfg. Co., 66 Wallace Park, Wallingford, Conn.

Princess Anne Teaspoons are $10.50 in sets of six; Dinner Forks, $22.50 and Dinner Knives, $22. The Tea Set, of five pieces with waiter is $675; without the waiter, $350.
Good Buildings Deserve Good Hardware

CORBIN

of cedar or linden, for those woods are light, inexpensive, strong and show
little grain. The slats are usually 2" or 2 3/8" wide. They should be kiln
dried. The best are 95% kiln dried and will last for years. The best
grades are lacquered (sprayed).

In each blind there are ladder tapes which keep the slats working together.
These are placed under the blind which is held in place over a cord threaded
through each slat which keeps them together and is part of the mechanism
of raising and lowering the slats and tilting the slats. The best tape is made
of imported linen. Although some makers say the domestic tape deterior-
ates less rapidly than the imported, yet we know of experiments having
been made which seem to prove that the linen or imported brand is best.
You can have buff tapes, white or
white, or arb and white, and so forth, de-
pending on the scheme of your room.

THE DIFFERENT STYLES

There are three distinct types of blinds: (1) Those that work by two
pulleys and are free hanging. (2) Those that work by the traverse roller
and are guided by a device to fit close to the window. This roller travels,
gathering up or relinquishing the cord in one layer as you pull the blind up
or down, so that the cord doesn't bulge and thwart blind actions. (3) Those
that are combinations—such as a pulley type that is not free hanging but is guided on the side to keep it
tight fitting and straight.

The ordinary blinds can be used outside or inside the window, if absolu-
tely rust-proof hardware (such as pulleys, rollers, tilting cord and puller
holders) and a center cord may be used. And here it might be well to say
that the best grades use bronze hard-
even though some quite good types
employ galvanized iron, enameled.

There is a blind for outside use which is like an awning in effect. It is
attached to a sliding rod. By pulling
the cord you may lower this rod, which
projects 2' and at a right angle from
the window sill, causing the blind to
follow in a beautiful curve from the
top of the window. This type can be
operated from a cord either inside or
outside the window.

Every maker, of course, has various
little devices all his own. One has with
the traverse roller a grooved metal
piece to hold the blind flat against the
roller, which obviates a blind going
crooked. Most of the past dissatisfaction
with the Venetian blinds is that
they didn't go up even or down
evenly and that the cord became
twisted. With the traverse roller—
resting a little more—and with the
device to hold it tight, this can never possibly happen.

Some makers only make the traverse
roller type for windows over 5' wide,
but we advise the extra expenditure
for the ordinary window type, for
the reason that there is no
easiness and it has a cord holder
which is not enviable. Yet some
makers are very fond of it, as
some connoisseurs who are car
in operating their blinds.

End another useful part of the Venetian blind is the tilting cord. This is
a pulley type that is not free hanging—it enables you to tilt the slats at
an angle, keeping out the light and
or inviting either or both. Another
(who thoroughly knows his busi-
ness) who has put the traverse roller in one layer or the other
will make a sample of the cord
to a window, for a color turns out
different from the panel—just plain hollow cord, galva-
nized wire (20 strands or so) covered with cloth and bronze. But the choices
are many, and the options for
are wide.

That the blind is charged per square
foot of window space, plus instal-
lO and $12. Of course these fig-
ures are subject to change and modi-
fication. We state them only to give
an idea of the blinds' cost.

There are other sorts of blinds, the
accordion pleated shades of fic-
rattan shades for porches and the
other materials, makes shade cl
saucers, and the makings of venetian
shade colors.

The center cord which goes through
each slat is made of various mate-
—just plain hollow cord, galva-
nized wire (20 strands or so) covered with
cloth and bronze. But the choices
are many, and the options for
are wide.

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nized wire (20 strands or so) covered with
cloth and bronze. But the choices
are many, and the options for
are wide.

That the blind is charged per square
foot of window space, plus instal-
lO and $12. Of course these fig-
ures are subject to change and modi-
fication. We state them only to give
an idea of the blinds' cost.

There are other sorts of blinds, the
accordion pleated shades of fic-
rattan shades for porches and the
other materials, makes shade cl
saucers, and the makings of venetian
shade colors.

The center cord which goes through
each slat is made of various mate-
—just plain hollow cord, galva-
nized wire (20 strands or so) covered with
cloth and bronze. But the choices
are many, and the options for
are wide.
PAIR OF FLOWER STANDS
HEIGHT, 15 INCHES
OF STERLING SILVER
HEAVILY PLATED WITH GOLD
by PAUL STORR
LONDON, 1812

S I L V E R

Silver should be chosen carefully. It belongs to the things that endure. Its beauty, its quality, its craftsmanship should establish a tradition that future generations may hold in reverence.

Of such silver is the Caldwell Collection. To it the masters of the past and the artists of today have contributed their best.

A collection of broadest scope, offering unique opportunity for the selection of superior gifts and additions to the home equipment.

Rare and distinctive Antique English Silver and Sheffield Plate, personally selected in England—pieces combining the charm of individuality with practicability for daily use.

The choicest Silver of the Present—outstanding productions of modern masters—American, English, French and Dutch.

Reproductions of Early American specimens that equal the originals in all details excepting antiquity and sentimental value.

Photographic Illustrations Forwarded Upon Request

J. E. CALDWELL & CO.
PHILADELPHIA
House & Garden

Reminiscences

DISTINCTIVE THAN EVER ARE THESE NEW FURNITURE SHOPS TEA TABLES.

These distinctive than ever are these new Furniture Shops Tea Tables. They have the small disc wheel casters with which Furniture Shops designers two years ago displaced the old style high wheels. This departure has relegated the former types into the realm of reminiscence, along with wagon-wheeled automobiles.

Some of these new patterns have solid ends, like those illustrated above. They are beautifully designed, giving them an atmosphere of dignity as well as grace. They introduce definite period styles into Tea Table character, making it easier than ever to match them with your other furniture.

THE BETTER FURNITURE RETAILERS NEAR YOU CAN GIVE YOU FURTHER INFORMATION. OR YOU MAY WRITE FOR OUR TEA TABLE BOOKLET.

FURNITURE SHOPS

DIVISION OF THE LACE FURNITURE SHOPS

840 MONROE AVE. GRAND RAPIDS, MICH.

Furniture Shops Individual Tea Tables

Great care was lavished on these card tables. This table is of Hepplewhite inspiration and is shown by courtesy of the Metropolitan Museum of Art.

FURNITURE OF THE FEDERAL ERA

(Continued from page 88)

the earliest date that we know of any Hepplewhite furniture being made here is 1785. The new mode seems to have become popular. Probably most of this furniture, especially the finer and more important pieces, was likely made after the publication of the “Guide”, that is to say, from about 1790 onward, when our craftsmen had probably obtained this volume for reference purposes.

There is no evidence or likelihood that Thomas Sheraton ever made furniture either in his native town Stockton on Tees or after he came to London as a journeyman cabinetmaker in 1790. He died in destitution in 1806, yet he was one of the greatest designers of furniture that England has ever produced.

His “Drawing Book” was published in 1791. It is not probable that every design in that book was original, and it is plain that he was very free in helping himself to the ideas of Adam, Hepplewhite, and the French designers. But he gave to his borrowings the mark of his own individuality. It is quite possible that some pieces in what we know as the “Sheraton style” appeared here before his advent in the

The better furniture retailers near you can give you further information. Or you may write for our Tea Table booklet.

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A S the daily radio time signals are flashed from Arlington, officers in the Service compare their Longines Watches with Observatory Time. For Longines is a favorite among the men who command the ships of the seas. At the U.S. Naval Observatory, in official six months accuracy tests, Longines has established an outstanding record for accuracy. Since 1916 more Longines have been passed and accepted for Torpedo Boat service than all other competing watches combined.

This signal honor is no new experience for the makers of Longines. All over the World, wherever Great Governments hold official accuracy tests, Longines has swept the field. Its achievement is unequalled. No other watch has even approximated its mark. And because Longines are as beautiful as they are accurate, they are chosen by men and women who desire the ultimate of watchmakers’ craftsmanship. It follows naturally that the leading jewelers sell and recommend Longines.

*Prices from $35 to $3,500.*

Write for booklet and names of jewelers nearest you.

A. WITTNAUER CO.

NEW YORK MONTREAL CHICAGO GENEVA

Established 1866

An Official Record at Government Observatories of the Longines Watch in Accuracy Contests

During the last 10 years, the Longines Watches, which have regularly competed in the Official Contests of the four best-known Chronometric Observatories in the World, have been classified as follows—First at the International Observatory of the U.S. Navy, Washington; First at the International Observatory, Kew Teddington, England; First, Neuchatel Observatory, Switzerland; First, Geneva Observatory, Switzerland. This combined record is unique in the history of Chronometric Science and, at this time, it cannot be claimed by any other watch in the World.
FURNITURE OF THE FEDERAL ERA

(Continued from page 124)

no obligation of being able definitely to term every piece of the American furniture of this period either Hepplewhite or Sheraton; in England the styles overlapped quite sufficiently, for these men and others were all working in the Neo-classic manner, while our American craftsman added his own individuality, made choice of his own ingredients, and often used them as he pleased.

In illustrating this charming furniture it will be well to begin with chairs, for in these there is little complication to disturb the student.

The well-known shield-backs are of course, Hepplewhite. Among the illustrations on page 89 is seen transition chair retaining the Chippendale back-uprights but with a back composed of beautiful Hepplewhite details. Shown below is an arm-chair in the full Hepplewhite style. Another chair has each baluster carved as cornucopia, as charming a little chair as one could imagine.

The rectangular or "square" back is characteristic of Sheraton. Hepplewhite published a number of square

(Continued on page 172)
THE BRIDE-TO-BE • Look! Bob! It's that beautiful new Early American pattern I want for us.

THE HUSBAND-TO-BE • M-m! (reading) TREASURE—STERLING . . .

'Tis nice, isn't it?

THE BRIDE-TO-BE • Nice, you goose, it's adorable. . . Besides, I do like things genuine. It's a family habit. Applies even to picking husbands.

In these days of unconventional table manners, you can never tell when some perky dinner guest will decide suddenly to turn over her spoon and look for the "Sterling" mark. . . . For silver, nothing but Sterling is ever really right. It is a warranty almost always of taste, breeding, background—of standards that are matter-of-course.

With "Treasure" you will find Sterling silver of rather extraordinary beauty and delicacy of design. Here, illustrated, is our new Early American pattern—as charming as the period from which it derives and as authentic as the American Wing of the Metropolitan.

"Treasure" is silver that you will be glad to live with . . . and which your grandchildren will inherit with no little pride.

The «Early American Style» is made in dinner hollow-ware as well as in a complete line of flat silver. Perfectly plain or decorated in the manner of old-fashioned hand engraving. Your Jeweler would be proud to show you this lovely Silver. Write us for a copy of the Brochure—«The Early American Style.»

It is Sterling
—more can not be said

ROGERS, LUNT & BOWLEN COMPANY • Silversmiths
Creators of Distinctive Tableware
38 SOUTH NORWOOD STREET GREENFIELD, MASSACHUSETTS
Member of the Sterling Silversmiths Guild of America
Will your kitchen be as modern as the rest of your home?

One—three—five years after you build your home, will you look back and say, "If we had only planned the kitchen correctly!"

Too much shelf space—or too little! No handy place for brooms and mops! No centralized working and storage spot! Refrigerator "miles away!"

Common mistakes in kitchen planning—yet surprisingly easy to guard against. The problem has been solved for you by the kitchen planning specialists who design Kitchen Maid Units.

These charming, harmonized units cover every kitchen need—everything from kitchen cabinet to refrigerator, from disappearing "breakfast nook" to linen cupboards, from dish and broom closets to folding ironing board.

You simply choose the units you want—in the sizes you need. You group them all on one wall or separate them as you choose. Each unit is complete in itself—is as practical and beautiful used alone as it is in a unit combination.

Only Kitchen Maid Units provide the double cleanliness feature of smooth doors and rounded inside corners. Only these units offer genuine Kitchen Maid construction and design. Yet they cost no more to install than old-fashioned cupboards.

Before you settle your kitchen plans, ask your architect about Kitchen Maid Units. Or simply write for the complete catalogue.

WASMUTH-ENDICOTT COMPANY
1206 Snowden Street, Andrews, Indiana

Compact No. 656—for the modern efficiency kitchen

Broom Closet and Folding Ironing Board combined

Kitchenette Assemblage with refrigerator, range and sink
LEADERSHIP - Packard's position in the vanguard of automotive progress has been consistently maintained for twenty-seven years.

Packard leadership is the result of a deliberate intent backed from the first by means more than adequate to permit engineering research and the highest degree of precision manufacture.

For a generation Packard has been the great automotive laboratory from which have come most important developments in the evolution of the modern car.

Today, Packard-powered planes, surviving gruelling military and naval tests; Packard-engined racing boats, champions of their class; Packard cars, outstanding as the most imitated cars in the world; proclaim Packard leadership on land, in the air, and on the water.

And Packard owners, themselves leaders in every field of human endeavor, know that their cars cannot but reflect a compliment upon their taste and judgment.
Beauty and for a Lifetime

Because of its wealth of mellow colors, its exquisite patterns, its lustrous, velvety surface which neither time nor hard use destroys, Chase Velmo—finest of all Mohair Velvets—has long been a favorite upholstery fabric with interior decorators, and with those discriminating women to whom the creation of a beautiful home is the most delightful of all tasks.

Decorators, upholsterers and furniture stores will gladly show you samples of Velmo for upholstering furniture ordered in the denim. Also, much fine furniture is upholstered in Velmo by its makers.

An interesting booklet, "Beauty that Endures" will be sent you on request.

Chase Velmo
Made by SANFORD MILLS, Sanford, Maine
Selling Agents, L. C. Chase & Co., Boston
New York Detroit Chicago San Francisco
Mrs. Howard Linn, formerly Miss Lucy Blair McCormick, one of the loveliest of Chicago's younger hostesses, is artist to her fingertips. Her enchanting country home at Lake Forest reflects her original and exquisite taste for the modern note in decoration.

"The most luxurious one could provide" says Mrs. Howard Linn of Chicago

I consider the proper equipment of the bedroom an important part of a hostess's consideration of her guests," says Mrs. Howard Linn, herself one of the most delightful of Chicago's leading hostesses. "And for the bed, the Simmons Mattress and Spring are the most luxurious one could provide.

This new well-boxed, built-up mattress, so firmly tailored that it holds its shape for years, is the latest achievement of the Simmons Company, largest makers of beds, mattresses and springs in the world.

The Beautyrest made its bow a few years ago. It met with instant success. It is composed of hundreds of tiny, upstanding coils of the finest, springiest steel, buried deep in layer upon layer of softest cotton or curled hair. What delicious comfort, what buoyancy! The Beautyrest offers the quintessence of luxurious repose. "How can we make it better?" the Simmons Company asked. They decided to make it better looking.

Now these tiny coils extend right to the edge of the mattress. The Beautyrest is neat, well-boxed and smartly correct in appearance. The coils stitched firmly within the felted sides hold them box-like, upstanding as long as the mattress lasts.

In furniture and department stores you will find this greatly improved Beautyrest, $39.50; west of Rocky Mountains, $41.50; hair upholstered, $60 to $100. Other Simmons Mattresses, $10 up. Springs, $7 to $60. Simmons beds, $10 to $60. The name Simmons is plainly marked on every piece. The Simmons Company, New York, Chicago, Atlanta, San Francisco, Boston, Philadelphia, Los Angeles. "Your home should come first."

SIMMONS Beds - Springs - Mattresses BUILT FOR SLEEP
What of your hardware in the years to come?

WILL knobs and handles still be beautiful and uncomplaining in operation? Will doors swing smoothly on noiseless hinges—and locks be quiet and secure?

They will if, when first you build, you insist on Sargent locks and hardware of solid time-defying brass or bronze. The ball-bearing hinges and quaint knob of bronze on this door—and the easy-spring lock which does not show—are good for many years of active service. This quality of permanence has been built into every Sargent product for more than sixty years. Write for the Book of Designs—it's free—and with your architect choose the Sargent style most appropriate to the architecture and decoration of your new home. Sargent & Company, Hardware Manufacturers, 31 Water Street, New Haven, Conn.

SARGENT
LOCKS AND HARDWARE

Knob 1980

Keypate 580

Ball Bearing

Bronze Hinge

Knob 1608

Keypate 816

A characteristic Directoire applique with trident serpent in c'est antique and the fixture bronze doré.Courtesy Bagues, Inc.

DIRECTOIRE AND EMPIRE LIGHT

(Continued from page 86)

One of the most significant elements in Empire flambeaux and candelabra was the use of human figures in the role of servants or slaves holding the lights. The candelabre with either balanced on the head of a human figure, a satyr, griffon, or other chimera animal, or a human figure holding a crown or cincture supporting the lights, held a staff, a cornucopia, or other scrolled branches themselves in one or both hands. In the grand salons at Malmaison is a pair of candelabra each of which has the winged figure of a woman poised on a sphere upholding both hands a laurel wreath from which spring seven candle branches forming a corona. The candelabres stand on the mantelpiece as part of a garniture with a pair of porcelain vases of Etruscan form made at Stères in 1806. A pair such figures, that of a man and a woman might be used for a pair of candelabra. Larger candelabres were of decorative nature and were borne on the heads of draped figures. Some candelabres, instead of columns or the Roman fasces, em­blem of the litter's authority, bore the keystone at the top of a plume or other chimerical beast. The flambeau, the candle socket, was classical in origin and varied forms, usually round. Sockets were concealed in shafts or vases, or were individual classic urns set on the stems or borne on the heads of figures. A baluster stem with three or four human heads below a classic urn and as many pairs of feet set on the large molded base below, suggesting that the figures were bound within the shaft, was not an uncommon motif.

The bobèche—candle socket, was greatly varied. Candlesticks either concealed the socket or (Cont'd on page 86)
Smaller-Patterned Damasks
from the looms of France

No decorative fabric is more universally appropriate than damasks.

Their name is indicative of their ancient and glorious lineage. For it comes from Damascus in Syria—a city which in the Twelfth Century was famous throughout the civilized world for its beautiful and intricately woven silks.

Their fascinating history, linking them with all the great decorative periods, may be glimpsed in the widespread use that damasks enjoy today. They are used for covering walls and furniture, for paneling, for hangings against which paintings or mirrors may be hung, for draperies, cushions, or chairs.

And since there are many decorative schemes in which a large design cannot be used, damasks with small designs have come much into use.

The damasks shown here are representative of the small-patterned damasks to be found at Schumacher's, in a wide variety of designs and an excellent color selection.

In the Schumacher collection there are drapery and upholstery fabrics for every decorative use—brocades, brocatelles, damasks, velvets, tapestries, hand-blocked and printed linens, toiles de Jouy, chintzes, and satins and taffetas in plain or figured weaves.

These fabrics may be seen by arrangement with your decorator, upholsterer, or the decorating service of your department store. Samples specially selected to fit your particular requirements can be promptly secured by them.
emphasized it in the form of a beautiful rounded classic urn, occasionally polygonal like some examples at Fontainebleau. In these the bobéche—green glass—was seldom attempted, and it usually being the base of the urn itself. Candelabra and chandeliers made even greater use of the cornu-copea or trumpet form with or without an extra socket. It often suggests the lotus capital of Egyptian columns. Occasionally we find one bent in an S or reversed curve, as in the preceding periods, or springing abruptly outward and upward from the shaft of a candelabrum or chandelier. The floral bobéche was also taken from the preceding period. Bases varied greatly—cut columns supported human or animal figures or were topped by spheres or half spheres on which the figures were poised. The triangular or oblong plinth having cut corners either with or without feet was popular. Rectangular tapering bases were common. White and dark marble, especially dark veined marble, was favored. The marble bases were often finely decorated with applied metal ornament—draped figures, festoons, wreaths, etc.

THE FRENCH CANDLABRUM

As the monumental candelabrum was the piece of greatest importance at the time of the Roman Empire and the Italian Renaissance, so the French Empire saw the apogee of the candelabrum in France. It took on majestic heights and became an important factor in decoration, whether standing on floor, table, mantelpiece or pedestal. Artists expanded in great care in candelabrum designing as upon important sculptures and the candelabres were no whit behind them in carrying out their designs in the actual metal. Whether or not we are great admirers of the style Empire we must commend the splendid metal-work of this period. It was, as has since been proved, the last word in the art of the metal-worker. Whatever finish was chosen, whether a patine bronzé—brown or aïro—black, bleu—blue, doré—gold, or very antique—antique gold, each fits the subject with the peculiar exactitude of the antiquarian. There it is—a splendid cult of the antique. The term candlabre was also applied to the tall carved and gilded wooden pedestal or torchère of Roman type, or to an elaborate large piece with branching arms and the corner of a salon, on which a candelebra or girandole was placed.

Thomire usually executed Percier's designs in silvers and bronze. His gilded metal was superb and he was noted for his lighting fixtures and clocks. Auguste and Biennais dominated all the work in silver plate during the Napoleonic epoch. Biennais made many candelebras, torchères, and garnitures de cheminée. Auguste made the notable torteau de table presented to Napoleon by the City of Paris. The torteau de table—table centerpiece—lent great state and dignity to the banquet table at this time, and became an elaborate and ceremonious affair. The torteau made by Auguste as a gift to Napoleon from Charlemagne of Tours, was of bronze deored in different colors, marble, alabaster, agate, porphyry, cameos, etc., or bronze doré. It consisted of three pieces. Twenty-two of these forms of candelebras with three or four lights each. Nine of the pieces represented temples, fountains, and sacred places; they were mounted on bronze doré or were ornamented with statues and reliefs.

One very interesting fixture which came into use during the Empire period, shows clearly the origin of the modern lamp with its shade. It is a candelebra with close set candle branches placed either high or low on an upright, the base, candle branches, and big flaring adjustable metal shade decorated with ornament in the style of the period. An arm or sort of key adjusts the shade. The fixture was for candles, however, and not for lamps. The oil lamp was still an uncertain affair although it took on the classic type and urn forms at this time. One highly sophisticated type of lamp which appeared, variously decorated, was a small globe which held a wick, the globe suspended from a curved support poised on the base of a figure—perhaps a chimerical figure who sat on a sort of bronze plinth—set upon a pedestal and with rectangular base or paw feet. This type of lamp gave the designer an opportunity to use classic motifs somewhat freely and was a thing of beauty. The term lampe à voyage was used for the monumental candelabrum of Roman type with its standard composed of urn and urn motifs, and ornamented with swags, eagles' and goats' heads, winged lions, sphinxes, acanthus and arabesken. Percier and Fontaine's book of designs includes two lamps in the form of a globe, one mounted by a classic head, the other by a figure; the armature has a large shell at right angles from the globe, the oil reservoir, the whole contrivance being set upon a beautiful standard of the classic type.

CIRANNOLES AND CANDÉLABRES

The term candélabre was still somewhat confused with candelebras, but generally it referred to a small candelebra. Biennais, the silversmith, made beautiful three-branched candelebras for Napoleon. His candelébres of silver were no less handsome. These ornamental cases could be used as candle holders by reversing them, covered inside each of which was a socket for a candle or for a branched candelebra. He also made grands candelebras—great candelebras—great candle-holders, which were set upon a pedestal, employed the motif of the eagle or the Hapsburg double-headed eagle at their bases.

One of the most noted changes in the wall fixtures was the motif of the arrow supporting the candle socket horizontally. One example of bronze doré et doré has four arrows in a circular medallion as if each had been shot into a target. But not all wall lights, brackets—bronze et applique—showed as radical change.
An interesting use of
McKinney Forged Iron Hardware
by Barton, Price & Willson

Now that genuine rustproof forged iron hardware by McKinney is available at such reasonable cost, home owners and home builders in increasing numbers are asking about it—how to apply it properly, where to get it and how much it costs.

To facilitate its proper use and to suggest a setting appropriate for McKinney Forged Iron, Barton, Price & Willson, one of New York's best known and most famous firms of Interior Decorators, have designed the lovely room sketched above. In its simplicity, its adherence to tradition in both architectural style and furnishings, it provides an ideal background for McKinney Forged Iron Hardware.

The graceful hinge straps on the interior of the Dutch Split Door are of the Etruscan design, those on the outside being the familiar and long admired Heart design. The use of different designs inside and out is an unusual touch adding to variety and interest. A Heart design entrance handle set is in keeping, as is also a gracefully scrolled Surface Bolt, not shown because of the swing of the door.

The built-in Colonial cupboard has lower doors set off with H & L hinge plates, authentic in design and most appropriately used.

Forged Iron Hardware by McKinney includes all pieces necessary to the outfitting of a home complete, both inside and out. Doors of all types, windows, cupboards, closets, drawers, gates, garages—all have been provided for. Even to lanterns of romantic design and fascinating finish, the pieces are complete.

Builders' Hardware Merchants of the better sort carry McKinney Forged Iron in three finishes, Relieved Iron, Colonial Dead Black Iron and Rusty Iron. All are rustproof and will last for many, many years. It is worth a special trip to see them.

Send For This Beautiful Free Brochure

This Brochure presents twelve studies showing authentic applications of Forged Iron Hardware. It illustrates the treatment of doors, windows, cabinets, etc. Send for this Brochure at once. Then visit your builders’ Hardware Merchant and make your selection. Forge Division, McKinney Manufacturing Company, Pittsburgh, Pa.
LEARN to recognize true value in builders' locks and hardware.

For the utmost beauty in design and finish, permanence, and intrinsic merit in construction, choose Yale—or have it chosen for you.

Send for booklet of hardware designs
The Yale & Towne Mfg. Co.
Stamford, Conn., U. S. A.
Canadian Branch at St. Catharines, Ontario
YALE MARKED IS
YALE MADE

Shop fronts added to old-fashioned brownstone houses are one of the modern solutions being applied in New York City. This example, designed by Harvey Stevenson, has pleasing architectural merit.

SHOPS FOR TOWN BETTERMENT

(Continued from page 109)

a city house into a semi-business building with a shop front on the street has been cleverly solved in the case of the shop front shown above. Here, and at what must have been at fairly small expense, the lower front of the original building has been completely altered with practically no sign of a compromise between the old and new façades.

Two small shop fronts, an old one in Litchfield, Connecticut, a town noted for its fine Colonial houses, and a modern one in Baltimore, on page 138, show what a delightful effect may be obtained by means of bow windows. These two buildings offer, by the way, a striking contrast in the treatment of their signs. The sign on the former is not only unnecessarily large, but makes use of what may be at present a popular spelling yet which is nevertheless absurd in its struggle to be quaint—a struggle that completely overthrows common sense in a sign elsewhere which advertises "Ye Radio Shoppe," while the beautifully lettered band on the Baltimore tea room is not only

(Continued on page 138)
Beauty and Freshness Are Retained in Plaster Walls and Ceilings—
you can always point to them with pride—no cracks, lath marks, stains, or fallen ceilings, when the plastering is applied to NATIONAL REINFORCING.

NATIONAL REINFORCING for PLASTER and STUCCO is composed of a galvanized [non-rusting] welded steel wire fabric (the same material, only lighter in weight, is used to reinforce and strengthen concrete roads, bridges, floors, gypsum roofs, etc.) combined with heavy, two-ply, moisture-proof, sound-deadening insulation—it is used in place of lath—a reinforcement, insulation and sound deadener, all in one product, quickly and easily applied in one operation by lathers.

This material has been used by good plasterers in thousands of modern homes, where crack-free, insulated walls were desired at reasonable cost.

"Given the right materials to work with, the up-to-date plasterer becomes an artist who makes your walls as pleasing and refreshing as a picture."

NATIONAL STEEL FABRIC COMPANY
SUBSIDIARY OF PITTSBURGH STEEL CO.
UNION TRUST BUILDING
PITTSBURGH, PA.

OFFICES AND WAREHOUSES IN PRINCIPAL CITIES
VITRIFIED pipe, illustrated at right of above graph, is provided in many cities, as the heart of Health is clean and efficient, because they intend to prevent conditions which prevent basement walls from becoming festering beds of filth. To prevent pollution of city water supply, to prevent sewer air from escaping into the building, to prevent settlement of foundation walls, and to prevent garbage and rubbish piles from becoming disease nuisances.

Cast Iron Sewer Pipe, illustrated at left, are vastly superior to clay sewer pipe: Longer lengths, therefore, less joints. Will not fracture or leak from ground settlement, or shifting of position. Absolute dependability of joints. Any slight settlement taken up by lead joints, which are installed in every 5 feet. Small pipe sizes required. Not affected by steam and extreme hot water. No possible chance for soil contamination, or city water pollution. Costs less to install, when health conditions are considered, and tight line required. Will last longer than the building, is never obstructed by root growth. Write for illustrated booklet: "Avoid Hidden Danger."
MOST accommodating dual-purpose car, this celebrated "70" Willys-Knight Six Cabriolet Coupe. Now, a closed car—cozy, warm, weatherproof. Then, with no trouble, it readily transforms into a dashing roadster, affording all the fresh air and freedom of the conventional type of roadster. No other car is so richly equipped with advantages—

The Knight Sleeve-valve Engine—The only type of engine that actually improves with use.

7-Bearing Crankshaft—Eliminates vibration.

Skinner Rectifier—The only device that positively prevents oil dilution and contamination.

4-Wheel Brakes—Positive, mechanical, quick-acting.

Belflex Shackles—Patented spring shackles that make the chassis lastingly quiet. No greasing or adjustment.

8 Timken Bearings in Front Axle—Twice as many as in most fine cars. Easiest steering you have ever known.

Light Control at Steering Wheel—Within easy finger reach. Convenient as a wrist-watch.

Narrow Body Pillars at Windshield—Insuring greater vision. An added safety factor.

Adjustable Front Seat—Designed to fit you, regardless of your size or stature.

Gabriel Snubbers—Air-Cleaner—Thermostatic Temperature Control.

"70" Willys-Knight Six, $1395 to $1495. Willys-Knight Great Six, $1650 to $1850. Prices f. o. b. factory and specifications subject to change without notice. Willys-Overland, Inc., Toledo, Ohio. Willys-Overland Sales Co., Ltd., Toronto, Canada.
DISCRIMINATION, that caste mark of the socially secure, demands the use of three kinds of writing paper. A good note paper for general correspondence; flat sheets for the man and for miscellaneous purposes; and for very special occasions, Crane's — the acknowledged best for more than one hundred years.

Eaton Crane & Pike
1 Park Avenue New York

CRANE'S SHADOTONE—An exquisite deckle edge paper, with fine horizontal lines, in tones of blue, rose, buff and green; envelopes richly lined in fan design. The box $1.50

EATON'S HIGHLAND LINEN—The most popular paper in the world — in a new large size — made in beige, jade and white — with tissue lined envelopes. The box $1.00

EATON'S DECKLE VELLUM—Flat sheets, deckle edge, to fold twice. White. The box $1.00
FRENCH
Hand-Made Furniture

You are afforded an unusual opportunity to view the highest expression of present-day art and craftsmanship in Living Room, Dining Room and Bedroom furniture, attractively displayed in home environment at our showrooms, 234 East 46th Street, New York. If inconvenient to come, write for illustrated booklet.

Wm. A. French Furniture Company

Eastern Sales Office
232 East 46th St.,
New York

Factory and Home Office
227 Fifth St., N. E.
Minneapolis, Minn.

Entrance

JAPANESE WALLCOVERINGS

Here you have the Cranes and Dwarfed-trees of that quaint story-land, Japan, as pictured by the famous Landscape Artist "Hiroshigi". It is peculiarly fitting that this design should be shown on Grasscloth.

The vine from which this beautiful wall covering is fashioned grows wild on the hills of Japan—is gathered by the peasants, and on their age-old wooden looms they weave it into this cloth of wonderful sheen and interest for your walls.

Ask your Decorator, or write us for samples of GRASSCLOTH
F. C. Davies & Co., Limited, 28 Wellington St. West, Toronto, Canada

Colonial Charm

N & S Windsors are faithfully patterned after authentic Colonial originals. They embody all the simplicity and dignity for which Colonial pieces are treasured.

They possess distinctiveness and durability—as befits the products of America's largest and oldest makers of high-grade Windsor Chairs exclusively.

Nichols & Stone Co.
Can you find a better investment?

Earnings of 50% to 65% the first year. Complete return of your investment (plus a profit) the second year. Every year after this a gift of $5 a radiator for each and every radiator in your home.

The average heating system requires approximately one and one-half tons of coal (or 190 gallons of oil) a season for each radiator.

By replacing ordinary air-venting valves on the radiators of your one pipe steam system with Hoffman No. 2 Vacuum Valves, you save 50% of this fuel. By this saving, you earn 50% to 65% on your investment in Hoffman Vacuum Valves—the first year.

At the end of the second year, you have your original investment back—plus a profit. Every year, after this, you make yourself a gift of approximately $5 a radiator for each radiator in your home.

Here is the reason. When a boiler produces steam, steam has to lift an air load of 14.7 lbs. for (unfortunately) ordinary air-venting valves let air back in just as they let it out—as soon as steam pressure drops.

The Hoffman No. 2 Vacuum Valve lets air out quick—then locks it out.

This removes the "air load." A partial vacuum is created. Now, when you get up steam, it rushes unrestricted to radiators. Steam does not waste its heat energy fighting air.

That's why Hoffman Vacuum Valves make radiators hot in 15 minutes (not an hour). That's why radiators stay piping hot 3 hours (not 30 minutes) after fires are banked. For, air being locked out, steam continues for a long time to flow into radiators and give off heat.

Hence greater comfort!—you save 50% of the coal or oil you formerly used.

Send for book—Like any investment, this one is worth studying. For complete facts, send for an interesting illustrated book, "How to Lock Out AIR—the heat thief." Just write your name and address on edge of this page and mail to Hoffman Specialty Co., Inc., Dept. H-9, 25 W. 45th St., New York, U. S. A.
Charm and comfort meet in this attractive cottage

BACK a little way from the road—just at the border of the woods, you'll find this little Hodgson Cottage. Here inviting—how cozy it looks nestled there against the pines. This is a sample cottage; let's step in and look around.

The first thing you'll be aware of is the delightful atmosphere of comfort. A breeze blows through the screened windows, gently stirring the ruffled curtains. There are gay rugs on the polished floor. Wicker chairs are here and there, and in front of the fireplace there stretches a restful davenport. It's all so homelike—so charming.

Perhaps you had an idea that portable houses were rather flimsy affairs. If so, you'll be amazed at the sturdy construction of this Hodgson Cottage. Many people are here besides ourselves, walking to and fro, yet this house remains as steady as though built of stone.

Hodgson Houses come to you in finished sections, plainly numbered and all ready to bolt together. Quickly erected with unskilled labor. Free catalog gives complete information regarding Hodgson Portable Houses, cottages, camps, play houses, garages, poultry-houses, etc. Also garden furnishings, bird houses, dog kennels, etc. Send for catalog G today. E. F. Hodgson Co., 1108 Commonwealth Ave., Boston, Mass.; 6 East 39th St., New York City.

Hodgson Portable Houses can be made in any size or plan to suit your present individual needs. Let us know your requirements and we will gladly work out a plan for you.

Something New

Here's the latest development in the art of home furnishing—one that is meeting with enthusiastic favor.

SHAPCO
Enclosures CONCEAL the Radiator

Shapco Radiator Enclosures are of the same high quality as Shapco Radiator Shields which have found a place in thousands of America's finest homes. These new and artistic enclosures completely hide the unsightly radiators. They are beautiful in themselves...and help preserve the original beauty of walls and draperies. Strongly built of metal—fronts paneled in woven metal cane—marble or glass top if desired. Made to fit any size radiator. Write for particulars.

SODEMANN HEAT & POWER COMPANY
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SHINGLES

Red Band Shingles are cut from the cream of the finest stand of red cedar in the world

From the finest source of supply in British Columbia

Red Band shingles are cut from the cream of the finest stand of red cedar in the world
Old-Time Beauty

No matter how your floors may be finished—in the deep natural wood, varnished or shellacked, Butcher's Boston Polish will give them a new freshness and beauty. And what is more, Butcher's protects all floors, furniture or woodwork against the severest wear. The secret of good floors has been handed down through three generations of discriminating housewives. Throughout these years the finest homes in America have kept their surfaces constantly bright and clean by using Butcher's Paste and Liquid Wax—easy to apply, economical to use. Leading architects and designers throughout the country recommend the use of Butcher's Boston Polish in both Paste and Liquid forms.

Protect your Linoleum

Use Butcher's, too, for the surfaces of your linoleum, furniture and woodwork. No water, dust or grease can get through the mar-proof, scratch-proof finish of this tough, transparent wax. You will find the leading hardware, paint and department stores in your community have sold Butcher's for many years. An interesting booklet on the care of floors will be sent with our compliments. Butcher Polish Company, 245X State St., Boston, Mass.

BUTCHER'S
BOSTON POLISH

USE BOTH

FROM INSIDE LOOKING OUT

(Continued from page 118)

what the house will look like outside. It is charming, but when almost completed, you suddenly begin to think of what you will see from the windows. You may find that the casement windows, which make the exterior of the house so interesting, have been placed in such a way that when you sit in a chair you cannot look out into the garden.

"I want my living room flooded with sunshine," said a client to her architect the other day, "so make the windows as large as possible. I must have light and air." This lady had what might be called a one-sided idea of what windows could do. "True, one of their functions is to let the sunshine in, but another perhaps more important is to let out the rowing spirit of man."

Windows once were cracks, through which wild animals watched the world. They have served the anxious gazer of beautiful and noble ladies who sought dust clouds which held their returning warrior lords.

VIEWS THAT KEEP

Sick men through the ages have sought their nurses to move them to the window so that their tired eyes might gather up strength from the hills and the gentle motion of trees and waving blossoms. Children can spend hours at the window, or kneel protectively on the seat of a trolley car absorbed by the moving scene on the other side of the glass. Cooks and stokers on ships look out from tiny portholes and the black depth wherein they toll reeds as they slip out on the beams of vision to the moving mysterious horizon. So too, each one of us at the end of many months of labor at our chosen tasks look out expectantly through the eye's window upon vacation scenery. One cannot comprehend these many experiences without realizing that at once one's mind, eyes, ears and even the hand are transported far off to the scene pictured.

Ventilators opening on grey walled air shafts would doubtless serve to keep our bodies alive, but surrounding by them alone our spirits would surely wither. But we can feed ourselves delightfully. Illusion can oft be made to substitute for us the real thing. Hundreds of feet of trellis arching over a long walk can be compressed into eight or ten feet of well-laid brick and cleverly designed lattice perspective, and with some gay paint a dingy New York backyard blooms into a paradise. I know one hard-boiled business man who takes his morning stroll in such a place by going in potted plants, sexy螺丝 and carefully planned and every effort was made to give the illusion of space.

In the country where we take for granted that "all out-of-doors" is pure for the looking, many owners and architects are focused on the house. Furthermore "all out-of-doors" is too much for all of us at once. Pecos of it, however, revealed unexpectedly, suddenly or turning a corner or peeping through a small window on the stair, "Flash upon that inward eye which is the light of solitude." As I write these slips into mind the view from the high tower above the cloister of Mont St. Michel. Looking down over the long-forgotten gardens of the monks, thought follows light far out across the shifting, moving silver sands and onward over the blue waters to the distant horizon, ghostly outline of the Islands of Guernsey. Whether we stand there actually or revert there on the wing of memory, a glance looking through those stone apertures lifts us to eternity. These outlets in mere walls and balconies, their turrets and casements not designed as architectural features. They have become such because they express in permanent stone needs of past generations. One can well imagine the inward thrill in the heart of the grim company of militant monks who paced the massive stone corridors and halls of that forenoon monastery as they turned to the grey rock to look out upon the rushing white-plumed vanguard of the advancing tide.

IMPORTANCE OF OUTLOOK

Now with all this weight of evidence proclaiming the importance of what Sister Ann or any one else may see from turret top or window sill, it is difficult to understand why so little space is given to the matter in architectural magazines. There is a wealth of design and plan for houses, their interiors and furnishings, and likewise for gardens and planting, but rarely do we see the reproduction of a glimpse through the door or window shown for that purpose only.

Quite clearly the matter of what you are going to look out upon is of great importance, rather than upon the imaginative needs of the owner?

(Continued on page 172)
The Key Point of Modern Sanitation

IT is taken for granted that basins and tubs in the modern bathroom will look immaculate. Yet, it is more important that one vital point be sanitary, even beyond visible cleanliness. Such a standard of sanitation demands a new type of fixture—the Bridgeport-Keating flush valve.

The compact Bridgeport-Keating flushes the bowl quietly and quickly. Unlike the old type of fixture it will not leak or get out of order. Nothing is more insanitary than a toilet bowl from which the elimination is not prompt and complete. The Bridgeport-Keating brings permanent assurance of efficiency at this key point. A minimum amount of water is used and the valve occupies only a tiny space in the room. Remember, too, that it costs no more than the old-fashioned flushing device.

If you are to build soon or remodel, make certain your architect specifies and your plumber uses the Bridgeport-Keating. Should you have difficulty in obtaining this reliable sanitary fixture, write us and we will see that your plumber is supplied.

BRIDGEPORT BRASS COMPANY
Bridgeport, Conn.
"Makers of Brass Products for over 60 Years"

Architects find the Bridgeport-Keating flush valve ideally suited to the strict requirements of public institutions and industrial plants, as well as fine homes. There are types for both exposed and concealed installations in every building on any standard bowl.

Have you seen these very practical BATHROOM FIXTURES

No bathroom fixture made has the wide appeal to all women that "Easy-Set" fixtures have. They are so wonderfully practical—made of white china, and so designed that they attach to your bathroom wall without visible screws—and are readily lifted off and cleansed whenever this is desirable. These fixtures are easily attached to tile or plaster walls—and their installation makes a radical and beautiful change in your bathroom.

In Colors, Too!
"Easy-Set" removable china bathroom fixtures may also be obtained in four beautiful shades as well as in black for combination with other colors. There is a store near you that carries "Easy-Set"—and if not, write direct to J. H. Balmer Co., 259-267 Plane Street, Newark, New Jersey.

EASY-SET CHINAWYTE and COLORED BATHROOM FIXTURES

Introductory Offer

Above we feature No. 156, a combination tumbler holder and tooth brush rack (two fixtures in one). Ask your dealer, or let us send it to you in white china at $2.00 or in Azure, Fawn, Pool Green, Orchid or Ebony for $4.00. Send for descriptive colored booklet.

Please fill in and mail this coupon

BRIDGEPORT BRASS CO.
Bridgeport, Conn.
Please send me copy of your booklet "Modern Toilet Flushing Equipment." Name
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Plumber's Name
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Plumber's Address

CHINAWYTE and COLORED BATHROOM FIXTURES

These fixtures are removable for washing

Architects find the Bridgeport-Keating flush valve ideally suited to the strict requirements of public institutions and industrial plants, as well as fine homes. There are types for both exposed and concealed installations in every building on any standard bowl.

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BRIDGEPORT BRASS CO.
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Please send me copy of your booklet "Modern Toilet Flushing Equipment." Name
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Above we feature No. 156, a combination tumbler holder and tooth brush rack (two fixtures in one). Ask your dealer, or let us send it to you in white china at $2.00 or in Azure, Fawn, Pool Green, Orchid or Ebony for $4.00. Send for descriptive colored booklet.
Does your Heating Plant Conform with the Law?

Would it be legal in a school? In ninety-nine cases out of a hundred the answer is no. In schools the health of the occupants is protected by modern methods of heating, which include standards of humidity, ventilation and temperature.

It is just as important to have the heating system in your home up to date. An Andes Re-Conditioning and Heating System will produce a noticeable change for the better in your health and comfort during the winter. The fresh, moistened, warm air will invigorate you as it circulates, by a forced air system, to every room in your home. Thousands of satisfied users testify that an Andes Re-Conditioning Super Heater warms their homes better, more healthfully and for less money.

Andes Re-Conditioning Heating

Have this heating system installed in your home now so that you will have no heating problems next winter. Burns any fuel, including oil. Easy to Operate. Made to last a lifetime. Endorsed by leading architects.

Interesting booklet on home heating and Re-Conditioning mailed free on request.

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"Cook with gas in every suburban home"

A genuine Andes Gas Range with its own independent supply of Gas can be installed in your home—ANYWHERE. A sparkling porcelain Andes Range that will bring the cleanliness, efficiency and economy of city equipment into your home in the suburbs, at a cost very little more than you are now paying.

Send for booklet giving detailed information.

ANDES RANGE & FURNACE CORP.
RANGES SYSTEM FURNACES

GENEVA, N.Y.

ROCK GARDENS IN THE SHADE

(Continued from page 71)

the first type is available for growing a greater variety of plants, for in such a situation will thrive many Alpsines that haunt the northern slopes of mountains and which, while reveling in the tempered light, are also dependent upon a free circulation of air and would perish where there was the least suggestion of dankness.

Nevertheless we in this country need not fear overhanging branches in the same degree as do British gardeners; the dread "drip" which for them is a matter of continual wailings and warnings is not so terrible a bogie to us. England's skies drip a good deal more than do ours and mists and fogs roll in from all sides, so that a situation beneath trees is sure to be intolerably dank and humid. But in our dryer and more sunny climate trees often provide a gentle half light for which many a plant, that in England must be grown in a fully exposed position, is plainly grateful. Diil wi', however, exclude from our tree-shaded garden all the plants which, while enjoying shadow must yet have an abundance of light and air, we should still have the whole realm of beautiful woodland plants, both mountain and lowland, to draw upon; and of the richness of this source few can have any doubt who have made even a slight study of our native wildflowers; and we should have, as well, a great number of bulbous plants that find in a half light no detriment to their health and hardness—many, indeed, thriving and spreading much more luxuriantly than they would do in full sunshine.

In planning a rock garden in shade it must be remembered that it is as important to arrange varying aspects and conditions as it is in the sunny garden. Bleak northern slopes and the more genial southern exposures will have their candidates; heights and hollows call for different types of inhabitants; beds of loam and leaf mold, dry stony places, dampish spots and bogs may be provided, and soils ranging from sweet or limey to various degrees of acidity to meet the needs of a wide variety of possible tenants. And of course there must be varying (Continued on page 146)
Togan Summer Cottages & Garages

Quick Erection
Anywhere You Say!

There's really no need to spend half of the best part of this season in planning and building your cottage. There's a better way—the Togan way—that puts the responsibility in the hands of specialists. You make sure of better plans, more conveniences and greater comfort. You get a better built structure—longer lived, more attractive in appearance. And best of all, you get it quickly—without the usual fuss and worry of building.

The new Togan cottages and garages will delight you. The cost is surprisingly low. Send today for catalogs and full information.

Togan-Stiles, Inc.
1672 Eastern Ave., Grand Rapids, Mich.
Eastern Office: Togan-Stiles, Inc.
Newtonville, Mass.

Every Woman Turned To Listen

They knew she had only one servant. And yet they heard her say:—"I've lived in the country three years and have never yet touched the furnace." Most of them knew all too much about their furnaces. Irresponsible furnace men, and husbands who missed the last train from town, had taught them. And here Marjory hadn't even touched the furnace! They knew it couldn't be an oil burner.

Not after what happened at the Talmadges. And one had to be awfully rich to burn gas. What was it?
An Electric Furnace-Man!
How delicious!
And it burns Buckwheat or Rice Anthracite at half the price.
$8 a ton for coal instead of $16!
No wonder Marjory had Aubusson rugs.

The Electric Furnace-Man

It carries in the coal.
It deposits the ashes in a dust-proof can.
Your house will be as warm as you want it all the time.
Adjust the heat from a convenient point upstairs.
First see that the hopper is full of coal—once a day at most, often once in three days.
Look into the modern way of burning anthracite coal and eliminating furnace drudgery.

It saves you money.

Domestic Stoker Co.
7 Day Street
N. Y. C.

Your name on the coupon will bring a book about the Electric Furnace-Man—"Behind Your Cellar Door."

Send me, without obligation, the book "Behind Your Cellar Door."

Name
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A typical WHITE HOUSE installation in a New York City Home.

WHITE HOUSE
SECTIONAL UNIT STEEL DRESSERS

WHETHER your home be large or small, WHITE HOUSE Units are the logical solution to your kitchen equipment problems.

Made entirely of STEEL—the one great structural material—these units are moisture proof and fire resisting. Three coats of baked white enamel make them easy to clean. Absolutely sanitary, for steel—unlike wood—has no tiny crevices where germs may hide.

You can fill any size space—simply by combining WHITE HOUSE Sectional Units. Catalogue and additional information on request.

JANES & KIRTLAND, Inc.
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After June 15th, our address will be No. 101 Park Avenue, the Architect's Building

WHITE MOUNTAIN
STONE WHITE DE LUXE
Refrigerators

Embodying every feature of advanced refrigerator construction and retaining every quality developed during more than half a century of refrigerator building experience, we offer the White Mountain Stone White De Luxe as the greatest achievement of one of the oldest and largest refrigerator manufacturing companies in the United States.

Its inner walls are lined with pure white quarried stone—superior to all other types of refrigerator linings.

Its thick insulating walls are made up of layers of stone, selected pine, corkboard, charcoal sheathing and heavy oak. Hand fitted doors equipped with air tight gaskets and hung with massive heavy nickel plated hinges and catches.

Four bolts at top of ice chamber provide for immediate or future installation of standard electrical refrigerating units. The construction of this refrigerator makes it especially suitable for the economical use of electrical refrigeration.

And this wonderful refrigerator is enameled in colors to match the modern kitchen—White, Blue, Grey, Green or Ivory. Also in natural oak—unfinished if desired for custom colors or finished in special colors to order.

Other models and types at prices to meet every requirement.

Write for descriptive Literature and name of local dealer.

THE MAINE MANUFACTURING COMPANY
Nashua, New Hampshire
Floors are to be seen as well as walked upon. The pattern and the color of the flooring can bring out the best there is in any room.

Goodyear Rubber Tiling, colorful and distinctive, adds beauty to any interior scheme. From the wide range of tones and patterns in which this tiling is supplied, you can choose the floor effect that harmonizes perfectly with your walls and ceilings, furnishings and decorations.

Any room in the house is dignified by a floor that is silent under foot and at the same time makes for laboratory cleanliness. Such a floor is Goodyear Rubber Tiling.

Its permanence and adaptability, as a material for homes, may be judged by its wide usage in clubs, churches, hospitals, universities and places of business. Quality considered, the cost is low.

Color combinations and architectural data are set forth in descriptive booklet which will be gladly sent without cost upon request. Address Goodyear, Akron, Ohio, or Los Angeles, California.

Goodyear Means Good Wear

GOOD YEAR
RUBBER TILING
Cold that keeps and saves and serves

Kelvinator Cold that keeps

A Convenient Finance Plan
of deferred monthly payments is available through Refrigeration Dis­count Corporation by which you can enjoy Kelvination immediately. Have your present refrigerator equipped with the freezing unit in a few hours. Get the new Kelvinator "Sealite" or a Cabinet Kelvinator — white, lustrous, beautiful—with cabinet by Leonard, the world’s largest manufacturer of refrigerators, all styles and prices. Or one of those de luxe solid porcelain Jewel re­frigerators—the world’s finest—with Kelvinator installed.

Kelvinator Dealers Everywhere
Look in the telephone book for the one nearest you. Visit his show­room or ask him to call, or write us direct for catalog and full information.

We can put this Kelvinator freezing unit in any well-insulated re­frigerator. Only a few hours and you can “plug in” for “cold that keeps.”

With Kelvination in your home you need give no further thought to refrigeration, any more than you do to your lighting. Kelvinator thinks and acts for you, silent, unseen, automatic, dependable.

Trust it—wholly—as thousands upon thousands of women are doing today after years of use. Buy your household food supply as and when you please—even the most perishable dainties. Save money with quantity orders. Kelvinator will save the food until you need it. Keep it as fresh, wholesome and tasty as the day you bought it, no matter what the weather or season. And serve you with plenty of ice besides, as fast as wanted.

For all Kelvinators are made with a brine tank—an indispensable fea­ture for safe, continuous refrigeration. It provides a reservoir of cold that will hold the temperature of your refrigerator to the proper limit for a full twenty-four hours should the electric current be shut off for any reason. Common sense shows how necessary such protection is.

Only with Kelvinator can you get Kelvination—the system of longest proved efficiency — the system devoted to supplying satisfactory, dependable refrigeration of highest standard—the only refrigeration you can afford to use, And yet Kelvin­ator’s new unexpectedly low prices bring it within reach of every home. And also by the very perfection of its design and care in manufacture, it costs surprisingly little to operate.

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Oldest Domestic Electric Refrigeration

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This attractive alcove in the home of Mr. Verne W. Tucker, head of a well known Detroit Art Studio, shows to particular advantage the beautiful checkered effects of sunlight through the leaded panes of casement windows—a feature appreciated and desired by people of artistic temperament.

CORRECTLY APPOINTED SMALL HOUSES

TODAY the perfectly appointed small house is rapidly winning increased favor with discriminating people. And for such a house, no one feature adds more in beauty and individuality, in convenience and comfort, than Crittall Steel Casement Windows.

Their slim graceful outlines and leaded panes of glass, their rare charm of the antique, can be yours, for your new home, at a very moderate cost. Both inward and outward types are available at the same price, and are guaranteed weather tight without weather-stripping.

Ask your architect to tell you how suitably Crittall Casements will fit into your plans. May we send you our illustrated catalog, showing how easily they can be draped, screened and washed?

CRITTALL CASEMENT WINDOW COMPANY
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CRITTALL CASEMENTS
Available in steel in a wide variety of Standardized sizes and types. Also Custom-built in either steel or bronze to the architect's sizes, designs and specifications.

Would you have the satisfaction of permanent interior walls in every room of your home? Of beautiful walls that finish smooth and stay smooth—without crack or crumble—walls you can decorate in any motif you desire? Would you like to have walls that resist moisture—that are almost soundproof—that withstand hard knocks and hard wear? Walls, too, no matter their age, that friends and guests will find in keeping with the beauty and charm of your home?

You can easily have such walls. Send for this new, illustrated 24-page book. It describes the modern use of an age old product that makes such walls possible, and now specified by leading architects everywhere in America's most permanent and most beautiful homes. The book also pictures and describes various rooms of many of these residences showing how and why this better wall product is used for permanency, beauty and higher resale value. It is a book that will interest every home lover who contemplates building or refinishing—a book of great value—yet the coupon will bring it to you gratis.

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Every Builder of a Home Should Know These Important Facts About Interior Walls

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Please send me, free, a copy of our illustrated book, "Interior Walls Everlasting"
Blossom-Time Temperature
the long winter through

Winter time is May time in a Thatcher heated home—
with its cheery warmth and coziness in every room.
And home owners almost forget there is a Thatcher
Round Boiler in the cellar so little daily care and atten-
tion does it require to keep the even, uniform tempera-
ture, that means so much to comfort.
The drafts, checks and dampers which respond instantly
and automatically, the "staggered" fire travel which util-
izes all the hot gas and smoke, and the depth of the fire
pot which means less frequent firing periods due to its
greater coal carrying capacity, are but three of the many
features of the new Thatcher Round Boiler for either
steam or hot water.

There is a correct size to meet your individual require-
ments, and your dealer will tell you the size you need.

Write for literature describing the many unusual features of
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The Thatcher Company
Since 1850
NEWARK, N. J. 39-41 St. Francis Street
NEW YORK 21 West 44th Street
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Willing and lovestly, Omphalodes verna alba spreads into wide
patches in shaded places where the soil is damp. Besides this
white, there is also a blue-flowered form

ROCK GARDENS IN THE SHAD
(Continued from page 142)

degrees of shade; some plants are
happy in the gloom beneath ever-
green trees, but others among the
shade-lovers enjoy the light of the
sun for a few hours a day. It is well
to endeavor to provide for the needs
of all. Where trees stand too thickly
they may be thinned out until there
is a clearing in which to build, and
low overhanging branches should be
cut off in order that air and light
may penetrate freely.
The rock garden shaded by trees
will undoubtedly have to be watered
frequently in dry weather, for trees
are thirsty folk and absorb all avail-
able moisture; they are hungry, too,
and unless their fallen leaves be al-
lowed to lie upon the ground and
rot, thus keeping up a supply of
nourishing food in the form of leaf-
mold, artificial feeding will have to
be resorted to. In the case of plants
that like a sweet, wholesome soil a
mixture of loam, leafmold and a little
sand will do; the acid soil plants—
and there are many for the shaded
rock garden—will need to be fed
with a mixture of rotted Oak leaves,
hits of rotted wood and bark and Pin
or Hemlock needles. The plants with
a taste for acid soil should be a
signed certain regions to themselves
some in fairly dense shade and others
out in the light. Old Chestnut stump,
or rotted logs well placed add much
to the picturesque appearance of the
quarters besides helping materially to
keep up the acidity in the soil.
Paths may be mere woodland trails
with Ferns and Violets and other
low verdure crowding their verges
or stepping stones may be used with
such little green creepers as Arenaria
bubaria, A. cotyledonia and Meniscus
requens outlining the joints. Steps
should be rugged and appear as much
a part of the construction as possible.
In their crevices many small things
may be grown.
A wide and beautiful use of bulbs
constitutes one of the greatest op-
portunities of the shady garden. Tu-
lips and most of the Crocus species
will want sunshine for at least half
the day, but the great majority of
others thrive exceedingly. Daffodils
(Continued on page 148)

The hardy Cyclamen is one of the choice plants that may be
cherished in the shade. It likes a light, loose woods soil and a
situation that is somewhat raised and well drained.
For City, Suburban, and Country Homes

When you enclose your property with Cyclone Fence you satisfy some of the most fundamental of human instincts—the pride of possession, the desire for privacy and freedom within one's personal domain, the yearning for greater beauty in home surroundings, the passion for economical upkeep which characterizes even the most wealthy estate owners.

Cyclone Chain Link Fence is America's standard for city, suburban, and country homes, estates, and country clubs. It is beautiful in its simplicity of design and natural silvery white finish—yet impregnable strong. Cyclone Service relieves you of all details. We will erect fence complete on your property.

Ask for Catalog No. 103, on home and estate fencing in wire and wrought iron. Phone, wire or write.

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The Mark of Dependable Property Protection

Cyclone "Complete Fence," built to measure.

The only fence made entirely of Copper-Bearing materials— for maximum endurance.

Floor Beauty

THE essentials of real floor beauty are fine grain, even texture and color harmony. These qualities are characteristic of Oak grown in the Appalachian Highlands.

All Ritter Oak Flooring is produced from timber grown in this region, and when you build or remodel you can make certain of the finest flooring results by using it. The time and labor saved in laying, nailing and finishing Ritter Appalachian Oak Flooring make it an economical flooring.

The same qualities in Ritter Oak Flooring which insure elegance in floors also make Ritter Oak Lumber superior for interior trim.

Write your name and address in margin and mail for free illustrated booklet telling all about Ritter Appalachian Oak Flooring.

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for finest flooring results
No space wasting radiators here...

for in the modern home, exposed radiation is obsolete. Nothing must interfere with refinement of interior arrangement and decorations.

Built right into any standard 4" wall or partition—the Herman Nelson Invisible Radiator occupies no floor or wall space. It is not camouflaged—but concealed. Only the attractive outlet grille is visible.

Once installed, the Herman Nelson Radiator is out of sight and out of mind. Indestructible, leak-proof and trouble-proof—it is the last word in modern heating.

To protect your investment, make certain that the Herman Nelson Radiator is included in the specification for every new home or modern building. Send for illustrated brochure showing ideal installations in every room in the house.

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containing

rooms.

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ROCK GARDENS IN THE SHADE

(Continued from page 146)

flourish and are most exquisite in the half light. Scillas off all sorts will grow and spread in shade even beneath evergreen trees. Snowdrops are much better in shade than in sun, the charming Checkerbells loves a dampish spot in light shade, the Spring and Summer Snowflakes (Leucojum vernum and L. aestivum) delight in a light soil in partial shade; Grape Hyacinths, Stars of Bethlehem and Erythroniums may all be enjoyed to the fullest extent. And for the rest here is a list of plants suited for the uses outlined in this article. They will delight the heart of any rock gardener. Plant them in little colonies of one kind, not as specimens, where there is to be found space so to do.

FOR ORDINARY SOIL (LOAM, LEAVES AND SAND)

Aconitum—\( A. \)_\( moneanum \)\—(Climbing Monkshood) Rich soil, shade, moisture. Flowers blue. 7".

Adonis aestivalis—\( A. \)_\( campestris \)\—Best when grown in light shade. Flowers are yellow.

Akebia convexa—\( B. \)_\( hirado \)\—(Bugle) Sends out no runners. Fine spikes of blue flowers.

Allium—\( A. \)_\( albidum \)\—(Onion) A lovely, yellow flowers, 4". A. cristophi, nodding lavender flowers, 12". A. silvestre, rose flowers, 18". A. cynographis, sky-blue flowers, 3".

Alyssum—\( M. \)_\( mysurtis \)\—Light blue shade, sharp drainages, 18", sky-blue flowers. Showy.

Anemone—\( A. \)_\( blanda \)\—A.aspera, A. canadense, A. sylvestris and others. All are best grown in light shade.

Anthriscus sylvestris—Bright pink, 2'. Light shade, open places. A. alpinus and A. langshottianus, A. serotina, A. camara, half shade, open situation.

Aquilegia—(Columbine). Many kinds may be grown in light soil in partial shade.

Aster novae-\( \)\( belgii \)\—(New Belgia), tiny green creeper with white flowers. A. castorum, a little green moss, A. montana, trailing plant with large white flowers. Light shade.

Atropurpurea—(Wild Ginger) Plants with handsome leaves. A. canadense, A. hartwegi (leaves mottled with white). Plant in damp soil which is in deep shade.

Aster alpinus—(Sweet Wood-ruff) Low-growing with white flowers and fragrant foliage. Open woods.

Cardamine pratensis—(Lady's Smock) Birniall with white or pink flowers. Damp places.


Campanula—\( B. \)_\( bellflower \)\—C. diurcalis, C. rotundifolia, C. hederifolia, and numerous others. Light shade.

Corydalis—C. chinensis, C. nobiles and C. torea, lovely species with fern-like leaves. C. communis and C. sempervirens are native biennials that self-sow. Dry places.

Claytonia virginica—(Spring Beaut-

ty) Pink flowers. Open moist woods.

Cyclamen—\( C. \)_\( purpurascens \)\—(Dutchman's Breeches), creamy flowers. Same situation. \( C. \)_\( excelsa \), a taller plant, half shade.

Digitatis amingen—(Yellow Peren-
niel Foxtail) Light shade.

Decodon media—(American Shooting Star) Rose-colored flowers, cool, moist situation.

Doronicum—Several species, large yellow Daisy-like flowers. Open situation.

Eremurus—\( D. \)_\( longiflorus \)\—(Climbing Monkshood) Rich soil, shade, moisture. Flowers blue. 7".


Hepatica triloba—Under trees. H. nobilis, same situation. They like shade.

Hesperis matronalis—(Hesperis matronalis). Open places.

Geranium—\( G. \)_\( catarinum \)\—(Yellow-eyed Grass) Open woods. Best in very sandy soil, 6'.

Iris—\( I. \)_\( germanica \)\—(German Iris) Very numerous. Good in well-drained soil.

Iris hybrid—(German Iris) Very numerous. Good in well-drained soil.

Iris—(Crested Iris) Open woods, damp places, Blue. 5'.

Iris—(Crested Iris) Partial shade, well drained soil.

Iris—(Crested Iris) Partial shade, damp soil.

Iris—(Crested Iris) Open woods, damp places, 2'.

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Six Short Months

—and June's magic will be but a memory—to many. Without warning will come a blanket of snow and the world again will be in the grip of grim Winter.

Yet in thousands of homes, the warm, moist air of June will be present. During the entire Winter these families will enjoy this same moist, healthful atmosphere, for their homes are heated with WARM AIR.

Now is the time to install Warm Air Heat. Now is the time to make sure that when Winter comes, you will have the constant atmosphere of warm, moist, re-circulating air which Warm Air Heat alone can give.

Warm Air protects human life against the ills caused by winter's sudden changes, and by disease which breeds in stagnant, dry air.

For health, home-comfort, efficiency, cleanliness, economy and ease of regulation, insist on WARM AIR HEAT.

But furnace and fittings must be installed "According to the Standard Code" to obtain the triple endorsement of this Association, the Heater Manufacturer and the dealer in your town, and to insure that the installation will provide a temperature of seventy degrees in every room with sub-zero weather outside.

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If the menfolk had to do the housecleaning it wouldn't be long before every piece of furniture in America would be rolling on Bassicks.

Descending upon the hardware dealer they would demand "Casters that start quickly—that roll and turn easily—quietly—smoothly—without strain upon furniture—without hardship to floors." And the hardware man, being wise, would respond, "Of course you mean Bassicks."

The complete DAYTON line of water systems for every requirement now includes a water softener—The HAPPIDAYTON—built to the same rigid standards as other DAYTON made products, built to give soft water advantages with the least attention and at a remarkably low initial and upkeep cost.

The HAPPIDAYTON Softener makes hard water delightfully soft. It obsoletes the filthy, unsanitary, disease breeding cistern and offers, in its stead, clean, fresh, odorless, pure, sparkling water suitable for laundry, bath, kitchen and cooking. HAPPIDAYTON soft water is even softer than water from the clouds.

Regeneration is as simple as lighting the kitchen range. There is nothing complicated, nothing to tinker with or get out of order. Simplicity has been the keynote of its design and this, together with standardized DAYTON quality, assures utter dependability, long life, and trouble-free service.

The HAPPIDAYTON is finished in the distinctive DAYTON Yale Blue and is made in sizes for any hard water condition or...

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FFD DIAMOND VELVET has a fibre bearing at the top of the socket—where the load rests—and at the bottom where side strain is encountered. Outwears any other form of bearing. Fitted with Feltoid wheels to insure against marring and gouging.
THE SUN PORCH
that is tiled with Kraftite
softly gay glows with captured sunshine. The delicately gay colorings harmonize with the beauty of the world outside, and make your sun porch the most pleasant and restful part of the house.

Kraftite represents an important advance in faience tile burning, for it has a high-fired body and enamel, and is therefore proof against cracking, crazing, wear, and extremes of heat and cold.

Kraftite may be laid with a close joint, while ordinary faience tile must be laid with a wide joint. The close joint enhances Kraftite's suave beauty of tone and texture and does not catch the dust.

We shall be glad to tell you a tile contractor who can show you Kraftite.

ROCK GARDENS IN THE SHADE (Continued from page 148)

Lilium—Many species are suited for open places in the shaded rock garden.


Lebisia cardinalis—Cardinal Flowers. Tiled places, 18°, scarlet flowers.

Lymanioida nummularia—(Moneywort) Long trailing branches close to the ground, yellow flowers. S. triquera, S. rossii, S. tundrosifolia, lovely spring-flowering plants with blue flowers. Grow in light shade.

Sedum alpinum—Likes moisture in summer but dry feet in winter. Soil of peat, leafmold and a little sand. Partial shade but not bonfire.

Symphytum hoffmii—Bibinia growing 18° tall with drooping white bells. Not too dense shade.


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that is tiled with Kraftite
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A n astonishing material — bewitching in its beauty — lends a new charm to bathroom and kitchen. No longer are you restricted to common-place plaster or the conventional patterns of marble and tile. With Sani Onyx new colors and color combinations — unique surface textures — are at your command.

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But the new Swanfeldt Awnings have an additional use that goes beyond the summer season. They enhance the home appearance, giving it a distinction and individual charm possible in no other way. Notice how different these awnings are from the ones you have been used to. The exclusive Swanfeldt scroll design softens the bright contrasting hues and blends them into harmonizing patterns, as notes of music are blended in a pleasing chord. As a result, these awnings are always in good taste — never look "stuck on" and never call undue attention to themselves. Picture their refreshing color on your home.

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Ask the nearest Swanfeldt distributor to show you the Swanfeldt Awnings that harmonize perfectly with your particular home.

Written by Andrew Swanfeldt, Los Angeles
Fabrics Manufactured by William L. Balkal Company of New York, Inc.
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If there’s one thing about a house on which it never pays to economize, it’s the roof. Although IMPERIAL Roofing Tiles cost a trifle more at first, they will easily outlast your home without repainting or repairs. What’s more, they will protect you from fire as well as from the elements.

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growing, creeping plant for fairly deep shade. Flowers white in June. 

Diplanthus nudicaule — (Scarlet Larkspur) Dry places in open situation. Dies down after flowering.

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Epigea repens— (Trailing Arbutus) Very acid soil in shade or half sun.

Epipactis helleborine— (Downy Rattlesnake Plantain) Handsome leaves in a flat rosette.

Galax frondosa— (Wintergreen) Under evergreens in dry woods.

Geranium broccherae — (Box Huckleberry) Little shrub from wooded hillocks.

Galax aphyla— Beautiful leaves and wand of white flowers. Very acid soil.

Habenaria dilatata — (Y. elioi w Fringe-orchid) Wet places in not too dense shade. H. blephariglottis (White Fringe-orchid) boggy places, only light shade.

Helonias bullata — (Swamp Pink) For boggy places.


Iris versicolor— Brilliant little Iris for half shade or sun.

Lathyrus— (Sand Mystle) Dainty white-flowered shrubs for dry sandy places. L. bicornis is taller than L. pratense.

Lilium philadelphicum— (Orange-cup or Wood Lily) Dry shade under deciduous trees.


Kalmia — (Laurel) K. angustifolia makes mats of tiny leaves. Very pretty.

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SECRET: You are a jolly good mixer.
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BOHN SYPHON Refrigerator, in its perfection of principle and design, adapts itself both practically and scientifically to mechanical refrigeration as well as ice.

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The answers are below. In fact, all questions about work savers can be answered by Lewis & Conger. For here are all things that make housework less.

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American Lawn Fence is designed to add to the appearance of your grounds, as well as to protect your property against intrusion. Manufactured of heavy galvanized steel wire, it possesses the utmost in strength and durability.

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YOUR grounds cannot be more beautiful than the fence that surrounds them.

American Lawn Fence is designed to add to the appearance of your grounds, as well as to protect your property against intrusion. Manufactured of heavy galvanized steel wire, it possesses the utmost in strength and durability.

Furnished in two patterns—the Single and Double Loop designs. For those desiring a fence as a protection against intruders, the Double Loop Fence fills the need. The heavy smooth steel pickets present no foothold for the climber.

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American Steel & Wire Company

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Other Sales Offices: Chicago, New York, Boston, Cleveland, Worcester, Philadelphia, Pittsburgh, Buffalo, Detroit, Cincinnati, Baltimore, Wilkes Barre, St. Louis, Kansas City, St. Paul, Oklahoma City, Birmingham, Memphis, Dallas, Denver, Salt Lake City

GATHERING FLOWERS

(Continued from page 72)

After the creamy white flowers of the Solomon's Plume have gone the place are taken by clusters of speckled, translucent berries that offer a clear ruby red

Exquisite effects may be obtained by harmonic and tasteful grouping of plants in the different areas. The illustration at the bottom of page 72 is suggestive of my meaning.

This view of a cozy nook among the rocks was taken in late April and discloses a very bright and cheerful springtime display. Left to right, as the papers say under pictures of well known people, are the tiny but tidy Dog Violet, a Wild Blue Phlox, a wild Geranium with half-opened buds, a pink Corydalis, a smooth Yellow Violet, a Jack-in-the-Pulpit, a clump of Bishop's Cap, several Ferns just developing, Saxifrage and Columbine on the rock shelves and Spring Beauties just beginning to bloom in the foreground. The bare spot showing at the left was later carpeted with blue-eyed Quaker Ladies and Yellow Star Grass.

I will assume that you have worked out a number of fascinating combinations for different areas and are ready to set out the new plants. Right here is where I go contrary to the general run of garden books and other accepted authorities. I see that the soil is well loosened with the trowel, dig the holes deep enough and sufficiently wide to hold the roots without cramping them, set the plants with the crowns just at the surface and pack the soil firmly about them. Everybody is supposed to do this all. But I don't drown the newcomers. If the soil in the garden and the roots of the plants are both moist, I use no water at all. Only when the ground gets dry do I resort to water, and even then I prefer to give the area a good soaking the previous day, instead of pouring water into the holes before or upon the surface after planting. Neither do

(Continued on page 73)
Mettowee Stone
for Floors
Porches
Garden Walks
In Eight Natural Colors
Send for our pamphlet "B" illustrating this extremely fashionable stone, and ask for the name of our nearest dealer.

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A RICH STOREHOUSE OF RARITIES
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FROM a veritable museum which includes importations as pretentious as a Norwegian banquet hall suite, as modern as a cellarette of inlaid wood and as rare as a crystal Buddha, decorators choose pieces which require as a rule, months and miles of searching and shopping. Very often decorators send their clients to Lightolier, too, so that they may choose for themselves objects rare and beautiful from our vast store of importations.

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IMPORTATION DIVISION
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Early American Reproductions
Specially Priced

THese two pieces are examples of our wide range of beautiful and authentic Early American and English furniture. Full freight allowed anywhere in the United States. Every Winthrop Reproduction is guaranteed to be exactly as represented and delivered in perfect condition.

FLAT TOP
HIGH BOY

THE above illustrations are copies of the original antiques found in England. The beautifully finished, rough mahogany, drawer fronts, upholstered armchairs and the two side cabinets all combine to make a perfect piece for any room in the house. Distinctive bedroom sets to match can be obtained. Size 34" x 21" x 54".

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Specially, specially priced,.... $105

A BEAUTIFUL reproduction of one of the best Colonial models. In every respect a substantial, worth-while piece, genuine mahogany, rubbed finish, made entirely by hand. Carved ball and claw feet, raised cabinet, two secret drawers and four large drawers. Solid brass fittings. This is one of our most attractive reproductions and extremely popular. 38" long, 28" deep, 42" high

Send for Portfolio
Beautiful illustrated portfolio G-67 sent for 10c (stamps or coin), showing 72 pages of authentic early American reproductions in Mahogany or Maple—also Bunko Chests.

WINTHROP FURNITURE CO.
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Fine opportunity for keen representatives. Write today for full particulars.
Now

a fence of new beauty
and distinction!

Now a fence which truly will harmonize with the most lovely of lawns and gardens—the new and improved Anchor!

With its new graceful square terminal posts—with its fine lines and distinctive appearance—this Anchor Fence will be sure to meet your requirements no matter how exacting they may be.

If you have desired effective protection for your lawn and garden—but have hesitated to consider the installation of a fence for fear it would mar rather than improve the appearance of your property—now you have found a fence that will solve your problem.

And it is a fence that will last indefinitely because of its strong construction and heavy galvanizing.

May we send you a catalog containing complete information. A phone call or letter to our nearest office or sales agent will bring you a copy at once.

ANCHOR POST FENCE COMPANY
Formerly Anchor Post Iron Works
9 East 38th St., New York, N. Y.

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<td>Boston</td>
<td>260 West 3rd St.</td>
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<td>San Francisco</td>
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Sales Agents in Other Cities

ANCHOR Fences

GATHERING FLOWERS
(Continued from page 156)

I shade the plants by covering them with flower pots, tomato cans and other smotherers. If any begin to wilt, I cut a few of the larger leaves in two and there is a quick revival of vigor. And as a finishing touch and safeguard I always mulch the surface of every freshly planted area. The best mulch for wild flowers and ferns is half decayed leaves that crumble to bits when crushed in the hand. This should be applied just thickly enough to shade the surface and prevent rapid evaporation. Lawn clippings will do as a substitute if the decomposed leaves are not available.

Ferns require somewhat different treatment. For transplanting purposes they may be divided into two classes—one composed of kinds with large crowns that protrude above the surface, like the Christmas Fern, the other kinds with slender, running roots that creep 

\[ \frac{1}{2} \] \n
under the surface, like the Maidenhair. Set plants of the first class so that at least half of the crowns are exposed. Lay the roots of those in the second class on loose, woody soil, mostly leaf-mold, press them in with the palm of the hand, cover with \[ \frac{1}{4} \] of the mold, firm the surface and mulch. As nearly all Ferns are moisture lovers, they may, with two or three exceptions, be freely watered when planted, and the mulch should be kept moist until they have become well established—say for a month or six weeks.

The rule for planting garden bulbs and tubers is, I believe, to set them at a depth equal to three or four times their diameter. This rule does not apply to wild bulbs and tubers. The bulbs of flowering-sized Troutlilies, for example, are often \[ \frac{1}{16} \] deep and their diameter is less than \[ \frac{1}{2} \]. My rule, which gives excellent results, is to set bulbs and tubers as I find them in the wild. My notebook contains specific information about each kind, so will yours if you keep one and take it with you on your outings.

The after care of transplanted wildflowers and Ferns should consist principally of hands off. It is certain that they do not like cultivation in the usual sense, nor coddling of any
**Why OLD FABRICS?**

TODAY old textiles are more sought after than ever before. Especially by those who wish to achieve distinguished decorative effects. For them, connoisseurs are constantly scouring the markets of the world for an old brocade or a venerable Genoese velvet.

This explains the real vogue of Fortuny Fabrics, the famous creations of Mariano Fortuny of Venice. For they not only take their inspiration from the masterpieces of medieval Italian and French weaving, but such is the art of Fortuny, they also have the lovely color nuances and appearance of age of the Renaissance originals.

Although hand-made and imported from Venice in limited quantities, your decorator can supply you with Fortuny Fabrics at prices no greater than you would pay for ordinary, machine-made stuffs.

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The Graduate ~
the Sweetest gift of all

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"That Good Pittsburgh Candy"

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Gleaming Beauty

is the quintessence of correct table linen. Thousands of women throughout America have found this beauty in Gold Medal Irish Linen Damasks.

A copy of Ethel Reymer's new book "Damask for Dignity" is free for the asking.

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**GOLD MEDAL Irish Linen DAMASKS**
Four Silver Candlesticks reproduced from a set made to the reign of George III.

The classic beauty of these candlesticks exemplifies the artistic work of the Crichton Craftsmen. The Crichton assemblage of Old English, Irish and Scottish Silver contains many pieces, rich in historical ownership. From these originals the famous Crichton reproductions are made, authentic in every detail, yet the cost is moderate.

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Experts in Old English Silver
636 Fifth Ave NEW YORK at 51St Street

Write for the Crichton Portfolio of Distinctive Gifts

For Sheer Beauty

Lovers of Colonial furniture will appreciate the simple beauty and utility of this Leavens Gateleg Desk with its drop leaf top. It's just the piece to fit into a small space and adds charm and color to the entire room. Shown here in this Colonial setting is a Hitchcock type chair and the Governor Bradford armchair. Note the quaint footstool. These are authentic reproductions and may be secured through the Leavens' Finished to your Order Plan, stained or painted and decorated in any motif you choose to harmonize with interiors of your home. Best of all, the cost is no greater than buying furniture in the usual way.

Leavens illustrated "Finished to your Order" Catalog describes this popular way to buy furniture and shows innumerable large and small pieces of Colonial and modern furniture. Write for it.

Look to the Entrance for beauty in the home

HOW one admires a Hartmann-Sanders Entrance! Architecturally correct, expressing graceful elegance, rich dignity and warm hospitality—its sheer artistry and charm arrest the attention of every beholder. Largely on the advice of architects and experienced builders, home owners everywhere are turning to these finer entrances for greater home beauty and value.

And because these entrances are the creation of twenty-seven years of specialization and America's largest entrance designing facilities, they cost no more. Built complete, ready to erect. Illustrated book P-52 of MODE Entrances gladly sent free. Hartmann-Sanders Co., 2165 Elston Avenue, Chicago, Eastern Office and Showroom: 6 East 39th Street, New York City.
To whom will you entrust your priceless trees?

Davey Tree Service—reliable, proved, safe—can be had only from the Davey Company, whose experts live and work in your vicinity.

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While occasional trees are nearly perfect, most trees require some care in varying degrees. The majority probably need only limited treatment to prevent more serious troubles later—like teeth. Some are in advanced states of decay or decline. If a tree is worth saving, it is worth reliable expert service.

Every Davey Tree Expert is Davey trained—is trained before he is allowed to work on your priceless trees. Men who are dishonest or lazy or careless are eliminated from the Davey organization as quickly as they are found, nearly all of them in the training school. The result is that only the right kind of men are left, and all of them are thoroughly trained by Davey experts who know Tree Surgery values and the most advanced methods of practice and the fine professional ethics.

These trained, reliable Davey Tree Experts live and work in your vicinity. They are easily and quickly available to you. No car fare is charged and you pay only for actual working time at reasonable rates, plus the necessary materials and the cost of delivering them.

You can afford Davey Tree Expert Service. Eighty-four per cent of Davey clients in 1926 paid less than $200.00 each. The total volume of business last year was $2,000,000, but the bulk of this was made up of small orders for people of moderate means who appreciate their trees as living things and priceless possessions. Above everything, get reliability. Davey Tree Experts will save your trees without guessing or experiment. Write or wire nearest office.

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With a modernized chassis of admirable length and Gibraltar-like strength, built low to the ground for both looks and safety—possessing Chandler’s centralized lubrication system—and with Chandler’s great Pikes Peak power principle carried out in eight cylinders—marvelous results are obtained in smoothness and quietness at all speeds.

With new body types resplendent in style and sumptuous in luxury—appointed, fitted, curtained and upholstered with the care and good taste of a rich drawing room—with nothing lacking, nothing half-done, this new Royal Eight by Chandler is at once a man’s idea of a man’s car and a woman’s idea of a woman’s car.

Side by side with this magnificent Eight, possessing the same appeals in relative degree, is a charming new line of Chandler Sixes—the Sixes and Eights totaling twenty-five different body styles—with split-hair prices ranging from only $945 to $2295, f. o. b. Factory. We proudly ask you to compare these cars with anything else on wheels—bar none!
This Book Ought To Be Tied On Every Heating System

No matter how much you pay for it, a heating system is just a system after all. How to run it right, how to set right what may be wrong with it, are the important things you've got to know to have heat comfort and fuel thrift. "Letters To and Fro" is the key you need,—a 34 page book of suggestions on how to get fuel thrift and heat comfort,—both of them. The book is free. Just send your address.

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You will find special values in Weatherbest Stained Shingles for sidewalls as well as roofs in carefully selected color combinations. Such sidewalls mean more insulation and saving of painting and repainting costs.

Weatherbest Stained Shingles are 100% edge grain red cedar. Each bundle is opened, stained, and rebundled at the factory to insure perfect colors and perfect shingles.

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Your Garden Can be Made the Happiest Part of Your Home

There is something about the intimate confidence and trust of the wild birds that brings joy to the hearts of everyone. Possibly no other living things are so quick to sense the protection and welcome that properly designed houses and shelters afford.

One can watch them with uttering interest as they hop from twig to twig, working and singing the whole day through, riddling your cherished trees, shrubs, flowers and premises of injurious moths, beetles, mites, mosquitoes, and other insect pests.

Invariably Dodson's Scientifically Designed Houses placed as directed will get the same colony of beautiful Martins, Bluebirds, Flickers, and Spotted Owls yearly. Also Cardinals, Thrushes, Grosbeaks, Mocking Birds and dozens of others will seek your garden if Dodson's Suet Cake in a sheltered feeding station is provided.

Enjoy nature's blessings by helping to preserve the Songbirds.

Dodson Scientifically designed and artistic bird houses are a feature in the most beautiful estates, country clubs and parks all over America.

Why Dodson Houses Win the Birds

For more than 40 years Mr. Dodson has experimented and studied every little detail which, although seeming insignificant, is vital to the approval of each fabulous species of songster.

DODSON

Scientific Wren House

As shown at left

The Miniature Throated Wren is one of our finest singers. A fine-upright

nest under his bright colors. You can easily see how each of your three breeds. Beautiful design, made of oak, finished in a copper rood, in a sheltered feeding station.

Complete with rust-proof hanging pole and easy raising pole, Price $14.00.

Queen Anne

Martin House

of 6 rooms. This beautiful house with its especially enriched granite pillars and other original details has gained a very few for these most useful and fascinating birds. A large house size 12 x 12 x 12 inches; copper roof, including pole only $10.10. Others as low as $14.00.

Automatic Feeding Shelter

started with a few simple facts (as described in free book). Laying sunlight from the white neighborhood. Automatically provides the best conditions for feed. Four

Price $25.00; with copper roof $31.00.

Flicker House

In a true home for these very useful birds. Trees in cities are so well taken care of that Flickers have difficulty in finding a very suitable home. In Dodson's Scientifically Built Houses, Flickers are one of the most useful birds, destroying insects and principal pests. A line of houses with festoons draped from the candle holder is a favorite device for the flickers. The revaluation of the older period styles and the cult of new art forms.

This is the seventh of a series of articles dealing with lighting fixtures in period style. The first appeared in the December, 1926, House & Garden. In our July issue Early English Lighting Fixtures will be discussed.

L I G H T I N G  T H E  G A R D E N

(Continued from page 81)

directoire and Empire lights

(Continued from page 132)

although the downward pointing arrow was a favorite, a spade, a bee or a wall plate or back plate. In some the feather tip was a formal anthemion, or a sheet of leaves which might be a Nayal mask of the sun, and below this four upward curving trumpets for candle sockets. A flaming torch was also a favorite back plate. But the lyre form, bow knots, and cupids were not abandoned. In Fontainebleau is a finely shaped back plate in the form of a lyre, the top with two outcurving eagles' heads from whose beaks hang crystal festoons. An anthems crests the piece, and festoons of small crystals drape it at even intervals, with a few delicate long pendant drops to add grace. The entire form is slender and beautiful. The five candle branches are conventionalized urns with somewhat accentuated bouleos. A half figure of a winged victory, cupid, or some chimere creature emerging from acanthus ornament and upholding candle branches, was a characteristic design for the pairs of appliques which were as integral a part of the interior decorative schemes as in the preceding periods.

The typical Empire lustre—chandelier, was of bronze doré and crystal, occasionally cristal de roche—rock crystal—although elegant examples were made in iron or in bronze alone variously finished and ornamented with characteristic period motifs. The bronze and crystal lustres were of several types. The most familiar has a shallow bowl-like bottom formed of strings of small crystals, often cristal de Bohème—Bohemian glass, strong symmetrically—églomisé—or alternating with bands of pierced metalwork. In others the corona is hung with festoons draped from the candle branches, giving a lighter effect. One type has three rings or coronas, decreasing in size as they ascend, the whole structure draped with crystal fringe and ball pendant. Other examples show the ornamental metal with a band of engraved leaves or flowers and premises of injurious moths, beetles, mites, mosquitoes, and other insect pests.

Invariably Dodson's Scientifically Designed Houses placed as directed will get the same colony of beautiful Martins, Bluebirds, Flickers, and Spotted Owls yearly. Also Cardinals, Thrushes, Grosbeaks, Mocking Birds and dozens of others will seek your garden if Dodson's Suet Cake in a sheltered feeding station is provided.

Enjoy nature's blessings by helping to preserve the Songbirds.

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As shown at left

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Complete with rust-proof hanging pole and easy raising pole, Price $14.00.

Queen Anne

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(Continued from page 81)
YOU will delight always in the beauty of your Limbert Dining Furniture—so masterfully is it designed and so carefully is it made by famed Van Raalte craftsmen. To find furniture of such distinction moderately priced is rare indeed, and you can make certain of this pleasant experience by seeking the Limbert shopmark when you buy.

Write today for our interesting brochure on fine furniture craftsmanship, and ask your dealer to show you the many new Van Raalte creations.

CHARLES P. LIMBERT COMPANY, Holland and Grand Rapids, Mich.

FOR THE COUNTRY HOUSE COLONIAL BEDROOM . . .

Spreads in the Early American Manner

Admirably suited to the four-poster bed is the spread shown above—an American Oil Print, patterned in the native good taste of our forefathers. Blue, yellow, red or rose, bound with contrasting colors; Single $25 (extra sham $5); Double, $30 (extra sham $8)

For the traveler on land or sea there are shawls; pillows in smart, compact sets; bed jackets; Pullman sets; nightgown cases; sewing cases, and a great variety of small, easily packed articles to make traveling comfortable.

Catalog of bed coverings and boudoir decorations on request.

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In a cozy nook—

R as part of a pleasant boudoir, a Day Bed invites relaxation and adds charm to every home. A Hall Day Bed of metal or wood construction, with the famous Hall Box Springs and Pure Horse Hair Mattress, is a daily joy and comfort.

Our Show Rooms offer a selection appealing to every taste and purse, in patterns of true period and unusual original designs.

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Tulip Bulbs
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Buy now and Save 25%

Until July 15th—not later

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TEN FINE VARIETIES

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- Psyche—An even tone of soft rose................. 4.00 38.00
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25 each of a variety at 100 price; 250 each of a variety at 1000 price.

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10 Bulbs each of the above 10 varieties, 100 Bulbs... 12.00
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TERMS: 30 days after shipment or 5% discount if Cash accompanies order.

Our Advance Bulb Catalog — Issued May 1st
Write for a Copy

Shumpp & Walter
One of the Largest Importers of Dutch, French and Japanese Bulbs for Discriminating Flower Lovers in the United States.
30-32 Barclay Street, New York

GARDEN RICHES IN COTONEASTERS

(Continued from page 78)

Provided they be planted where they enjoy good air and root drainage, few shrubs give returns in beauty of form and fruit equal to Cotoneasters. On poor soil they are quite at home, though naturally they relish good food and respond accordingly.

Seeds afford a ready means of propagation, although the bulk of the seeds may lie a full year in the ground before germinating. Cuttings of half-ripe wood taken in July and of hard wood in the winter will root freely. Formerly the reprehensible practice of grafting Cotoneasters on Hawthorn and Mountain Ash stocks obtained among nurserymen. The results were disastrous to the purchaser and this indefensible method of propagation has met with the contemptually it richly merited. Such work today should place a nurseryman beyond the pale.

In spite of the many uses to which Cotoneasters are admirably adapted, their all-round good qualities and their suitability to a wide climatic field, they are little appreciated in these United States. However, it is only a question of time when these shrubs of many virtues will be among the most widely planted garden subjects. At the moment not more than half a dozen sorts are properly known among our nurserymen and the amateur has had but little chance of getting acquainted with the group at large. In well-drained situations exposed to the breasts and all the winds that blow the plants are thrifty, keep free of aphids and scale-insects, flower and fruit abundantly and are a never-failing source of pleasure to the lover of shrubs.

The oldest cultivated among the low-growing sorts is C. microphylla.
Laugh at Dry Weather

Have rain whenever you want it!
Get earlier, bigger, better flowers and vegetables with a SKINNER SYSTEM

A size and type for every lawn and garden

It is a simple matter to end forever the havoc caused in your garden by dry weather. It is easy to raise a profusion of prize winning flowers and vegetables, even when neighboring gardens are withering under a blasting summer sun.

You can be the first to pick spring blossoms for your table—have luscious, early vegetables days ahead of your neighbors—grow these flowers and vegetables from early spring until late fall.

Rain When You Want It

Skinner System provides the nearest line to rain under heaven—a soft, warm, gentle mist-like spray. It saturates the soil without caking the surface or harming the most delicate plant. Every drop goes deep down to the roots. None is wasted. Economical as well as effective. It requires little attention. Simply turn a valve and you have April showers—all summer and fall.

And how plants grow! Flowers and vegetables grow and yield in a way you never dreamed possible. Lawns take on a smooth, even, velvety texture almost unbelievable. Nor is this all. Skinner System also makes planting easier; makes fertilizing more effective; increases garden yields 100%—200%—and even more. Thus Skinner System pays for itself many times over in a single season.

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GARDEN RICHES IN COTONEASTER
(Continued from page 164)

to which the applicable name of Rock-
sprays have been given. This is an ever-
green species scarcely harder around
Boston, Mass., which makes a broad,
even hummock sometimes a yard
high on the level ground but is best
planted on top of stone walls or banks
and allowed to trail casually. It has
small, glossy, dark green leaves,
cupousious axillary white flowers
with pink anthers and red berries in
the fall. A variety with smaller leaves
is appropriately named thymoefolia,
another is var. glaucifolia; both are first-
class plants for the rockery. The most
prostrate of all is C. Dammeri,
or C. humifusa, as it is commonly
called. This is a trailing plant which
roots as it creeps over the ground. It
has more or less oval, bright green
leaves, white flowers and scarlet fruits.
In central China, whence I introduced
it into gardens a quarter of a century
ago, it covers vast areas of windswept
mountain slopes, and phenoxy-
Golden, Reeves' and Ringneck—are
very partial to its fruits. Unfortunate-
ly we have not been successful with it in
my Rock Garden at the Arnold Arboretum, but a friend
on Long Island rejoices in a magnifi-
cent carpet of this unique species.
For clothing banks, especially those
of a gravely nature, this plant is
usually valuable, but it must not be
allowed to suffer drought. In Cali-
ifornia and elsewhere, under the name
C. Wheeleri, a low-growing, ever-
green, red-fruiting Cotoneaster is cul-
tivated. The correct name for this is
C. prolifera. A related trailing species
from the high Alps of southern
India is C. barbifolia. The names of
the Indian Cotoneasters are much con-
fused and the plants themselves are
rendered in New England.

A POPULAR VARIETY

Deservedly the most popular of red-
fruited Cotoneasters is the Chinese C.
horizontalis, characterized by its flat
-sail-like or frondose branching habit.
It is in climates rather milder than that
of New England it is sub-evergreen but
it is quite hardy although decidu-
ous well north of Boston, Mass. In
the open border it makes broad, hum-
mock-like, irregular masses of white
highly possessed of much character in
habit. Planted against a wall—stone
for preference—it can with little diffi-
culty be trained to form a close screen.
Placed on top of low walls it grows
into an irregular thicket of singular charm. The flowers are abun-
dant, pinkish but not conspicuous; its
fruits are about the size of a pea,
big red to scarlet, and brilliantly
jeweled the branches in the dullest days
of winter and far into the spring.
Besides the type there is var.
serpens with smaller leaves, and var.
Wilsonii of more form, although loose, habit
of growth. Topping a boulder in the
rockery or planted in a crevice and
allowed to spread itself at will C.
horizontalis and its forms rank among
the most useful, pleasing and decorat-
tive shrubs gardens possess.

Somewhat similar, but of closer-
tutored habit, with larger, thinner
leaves and fewer fruits is the pretty
C. adpressa, also delightful as a rock-
crystal plant. Of taller habit and forming
next mounds a yard high with over-
lapping branches which are studded
with scarlet berries in the fall.
In the open, the winter, is the newer C. apiculata, al-
of Chinese origin. Taller plants be-
suited for planting in groups or
individual specimens in the open.

Among rocks are C. decurrens and
C. rotundifolia, both intricate
branches, rough-fruiting shrubs from
to 4' high and broad. The first-named
is the hardiest and has bright red fruit in
clusters, usually of three, producing
in amazing profusion. In C. rotundif-
olia the fruits are the largest, usual-
ly solitary and long retained on the
branches which are flattened and sail-
like in appearance. All three have
pinkish, inconstant flowers and are
sub-evergreen in mild climates.

WITH ARCHED BRANCHES

A handsome shrub with arching
spreading branches and clustered scar-
et fruit is C. Disalina, or C. atro-
tata, as it is also called. This will
grow fully 10' tall and as much
through with branches arching over to
the ground. There is a variety (pulchra)
with larger leaves and another (alia-
gans) with coral-red fruits and sub-
evergreen foliage. Another good sort
is C. Jabelisc, which has slender
branches, dull green leaves and bright
red hanging fruits. This is a broad
shrub growing some 6' high and its
foliage turns bright yellow in the
autumn. More pleasing than the type
is var. minuta which has very pretty
orange-scarlet berries.

The great decorative value of
Cotoneasters in general lies in their
fruit, but there are several whose
beauty of bloom rivals that of the
Spiraeeae. Three of the best of these
are C. rengata, C. hupesERCHANT
and C. multiflora, all of which have flat-
clustered clusters of white Hawthorn-like
flowers, borne freely all along the
stems. The first-named has rigid
branches arranged to form a broad,
rounded bush from 6' to 10' high and
more in diameter, with dense gray-green
gray-green owing to the presence of a
covering of hairs, and large coral-
red fruits. If the leaves do not af-
ford sufficient contrast to show off the
flowers to advantage ample amends
are made in September when the
whole plant is decked in coral-pink. The
fruit is relatively large and so am-
dantly produced that the stems appear
as ropes of beads. The fruit ripens
early and falls before the winter sets
in, but throughout September and
October the bush is conspicuous from
afar and of exquisite loveliness.
The two (C. hupesiius and C. multif-
ora) have dark green leaves and bright
-like arching and spreading branches
which form masses of white in
early summer, in the autumn they
are strown with brilliant crimson
fruits. Both are very hardy, free-
growing shrubs from ' 8 to ' 10 high
and from 10' to 15' through. Com-
hining the qualities of abundant habit
and wealth of brilliant fruits.
I count C. rengata and C. hupes-
HERANT two of the most valuable shrubs
it has been my privilege to collect
from northern gardens. If any doubt their
(Continued on page 168)
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In your request it is important to state definitely what you intend to plant, as we issue several catalogs

BOBBINK & ATKINS, Rutherford, New Jersey
GARDEN RICHES IN COTONEASTERS

(Continued from page 166)

usefulness or beauty they have but to visit the Arnold Arboretum and see for themselves. A graceful shrub with slender branches, pink blossoms and red fruit is C. rosa, native of remote Afghan­istan but quite hardy in Massa­chusetts. Fairly well-known are C. racemiflora, C. integerrima, and C. tomentosa, vigorous growing shrubs with rather large leaves and clustered red fruits. A newcomer from western China is C. holluita with its varieties fortuniana and macrophylla. These are shrubs some 10' tall with ascending branches and relatively large, ovate, pointed, deep green leaves much wrinkled above, and clustered berries that shine like beads of sealing wax. The largest of all Cotoneasters is the Himalayan C. frigida which is often a tree growing some 25' tall with a broad rounded crown. It carries dull green, deciduous leaves each from 3" to 5" long, more or less oval in shape, flat corons of white flow­ers and rich red fruits. In the fall and early winter the branches are wreathed in broad clusters of colored berries and which the whole tree presents a brilliant spectacle. Unfortunately it is tender, but for California and gardens from Washington, D. C. southward there is no more beautiful berried tree. Other good Himalayan species for warm temperate climates are C. acuminata with red fruits, C. aestivalis and C. bacil­lata with purple-brown fruits, all large shrubs of good habit. The black-fruited Cotoneasters have the garden merit than their brethren with red fruit, but C. mea­pincus and C. focedcola are worthy of a place on account of their orange to scarlet autumn-tinted foliage. These are hardy, vigorous shrubs growing from 10' to 12' tall and as much in diameter, with abundant clusters of black fruits. Slender arch­ing branches and jet black fruits characterize C. nitida and C. temuinckii, also recent acquisitions from western China.

FOR CENTRAL U. S.

For the Middle States and colder parts of the country in general C. meleagris, C. acuminata and C. lucida with clustered black fruits are to be recommended. Also they have much merit as hedge-plants, for they are of shapely growth, stand clipping well and possess iron constitutions. For California and warm temperate regions the long known C. sinensis is not only a good shrub but admirable for hedges. It has red fruits and is sub-tropic in mild climates. In New Zealand I often admired the well-kept hedges of this useful shrub. Until the advent of many attractive species from China it was the most widely grown Cotoneaster. Since the present century dawned western China has contributed to gardens a host of useful and beautiful shrubs, noteworthy among them being many evergreen, red fruiting Cotoneasters. California in particular has been so thankful for this contribution. Two of the most prized shrubs grown in the gardens of California and State today are Cotoneaster pannonicus and C. Franchetii, natives of Yunnan. Both are free-growing, slender-stemmed shrubs with arching branches attaining a height of from 8' to 15' and more in diameter with abundance of blus­sion and fruit. Superior to either with larger leathery leaves, dark green and lustrous above and clothed with a gray felt below, and broad clusters of bright red fruits, is C. Harrisonsii also from Yunnan. From the same region of China come C. amena with small leaves crowding stiff spreading branches and rich crimson dense clusters. It is a shrub of from 5' to 8' high and more in breadth.

A HARDY TYPE

The hardiest of the evergreen tall-growing Cotoneasters is C. salicifolia of which there are narrow (falcata) and broad-leaved (ragusa) varieties. These are handsome shrubs with leaves lustrous above and felted with white hairs on the underside, and clusters of conspicuous white flowers which are followed by a wealth of small bright red fruits. The many arching, radially branched branches sweep the ground and form fountain-like masses of from 15' to 18' in height. From Newport, Rhode Island, south these plants are perfectly hardy and of their class there are no more useful or desirable shrubs. Almost equally hardy is C. glabrata with oblong lance-shaped leaves some 2" to 3" long, bright green and wrinkled above, smooth and pale below. It is a handsome, vigorous shrub from 12' to 15' tall with flowers and fruits like those of C. salicifolia. Somewhat similar and equally beautiful is C. rhaphiolepis, characterized by its strangely wrinkled leaves heavily felted on the under surface. One of the most floriferous of all is C. turbinata, a shrub of ele­gant habit growing 18' and more tall, blossoming in July and bearing in autumn clusters of pear-shaped red fruits. I fear that neither this nor the very desirable C. serrata and C. glam­esophylla is cultivation in this country, but both ought to be quickly added to California gardens.

There are other evergreen species, all of them worthy, but my list shall end with C. Honeypora, a tall-growing shrub with pendulous branches, large leaves, broad coriaceous of white flow­ers followed by rich crimson fruit. It is of lax habit and rather sparingly branched, and it has the largest leaves of any evergreen Cotoneaster. In autumn when its pendant branches are weighted with crimson berries it is seen to great advantage.

House & Garden

Completely girlars for this Kiddy Play Place Vitalarium cost but $100. It's 4 feet wide and 17 feet 4 inches long. Frame is of steel. All the wood is Cypress. It's completely glazed with Vita Glass.

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How Important Is It?

Have you ever thought that the very same thing which makes you feel sort of run down and "spring fevers" each year also affects your child? Perhaps you have had it all to being "too much shut in" during the winter. But that's only half the truth.

The other half is, that you can be shut in, and still have an inside condition that's just as full of oxygen filled air; and just as teeming with the vitalization that's just as full of ray Places. We might try to tell you here, something about how it's glazed with the complete facts as told by the Lord & Burnham Vitalarium circular.

Yes, that's so, summer is here and why worry now about next winter's shut-in? Just because, if you don't get ready now, you won't be ready then. Building, as you know, always takes more time than one counts on. If your kiddies' health is important to you, send for the Vitalarium circular.

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HOSPITALITY IN THE GARDEN
(Continued from page 75)

The presence of a pool of water of any size or description warrants the erecting of a hospitable garden seat, its material and character being determined by that of the pool and the landscape surrounding it. A concrete bordered swimming pool amid a wealth of natural wild growth, will be most fittingly adorned with a classic stone or concrete seat at each end where the swimmer may emerge for a delicious sun bath.

Rock gardens contain a host of interesting places for rest spots, as the building into the rockery of natural rock seats not only offers the most irresistible of invitations for relaxation but also serves effectively to break the rather monotonous line of a large solid rockery. Such a seat, of necessity, have a sunny location and would be partially surrounded by the wealth of evergreens and shrubbery that should always form a background for the large rock garden.

If old Maples or Beeches are on the grounds, or interesting natural rustic effects of any description whatsoever, there is ideal occasion for building benches or seats around them. In such case any additional garden furniture of the portable type should also be of rustic character in order to fittingly emphasize whatever natural charm the surroundings afford.

In a rocky woodland the occasional seat may be of stone, simple and unpretentious in character. Such a resting place carries out the feeling of solid permanency which the surroundings naturally indicate.
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FURNITURE OF THE FEDERAL ERA

(Continued from page 126)

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Elizabeth, N.J.

back designs before Sheraton ever came to London but I recognize only two of them as having counterparts in America and one of these I have traced from his book. It will at once be seen how closely the back of the American-made chair resembles the tracing. The Hepplewhite stretchers are retained, either as a survival or to increase the strength of the chairs. American chairs of this period were frequently made stouter than was deemed necessary for the polished drawing rooms of London.

Most of our American chairs of this period were in these simple, chaste designs but there were a few elaborate ones. The handsomest back I have seen is shown on page 88—owned by a descendant of one of the well-known old families of New York, where this chair doublets has its origin. The Chippendale, Hepplewhite, and Sheraton styles all embraced sets with multiple chair-backs and also upholstered sofas.

Hepplewhite sofas are extremely rare. I have seen but one in recent years and there are none in either the Metropolitan or Pennsylvania Museums. Of the Sheraton style, two examples are given. One is Sheraton in every respect except that it is especially interesting in having the camel-back, surviving from the Chippendale and Hepplewhite styles. The other, a typical Sheraton sofa, was made by Duncan Phyfe. The triple ornament of the back-rail should be noted, as it is one of the Phyfe characteristics to be mentioned in a future article.

The case of sideboards is very different from that of seating-furniture; even the attributions of well-known writers sometimes varying regarding certain types. The fact is that there is no one criterion for distinguishing them; we must often determine from the general "look" of the piece and the weight of evidence furnished by details. Sometimes that evidence is very evenly distributed.

On page 88 is a superb little Hepplewhite Philadelphia-made side-board, with urns. Very beautiful is the New England Sheraton side-board pictured on page 126. The outstanding leg—the "engaged" column of architecture transferred to furniture—is always Sheraton. Equal characteristic of that style, in America is the paw-foot which is found on many New England sideboards.

Tea-drinking was a rage in London and the cargo of tea spilled into Boston Harbor before the Revolution: only one indication of the extent which the custom attained here. Pod tables with classical detail and Pembroke table when accompanied by our lovely American silver as decorative china, often from Orient, must have been indeed inviting in this later period also. The Pembroke here shown is of particular interest as being a transition between Chippendale and Hepplewhite.

Nor do we need the numerous references to "loo" and other games to inform us of card-playing here; the number of card-tables and the care lavished upon them are a sufficient indication. Even stated New England is famed for the workmanship of its many samples. Two charming Hepplewhite card-tables are illustrated.

EDITOR'S NOTE: This is the second of a series of articles on Furniture of the Federal Era, by April Claude Boursier. Boursier stated the social background of the period in American History 1790 to 1820. In May Mr. Holloway wrote on the Chippendale influence still existing in furniture made at the beginning of this period. In June we will show the great beauty to which the cabinet-pieces and bedsteads of the Hepplewhite and Sheraton styles attained in the skilful hands of American craftsmen.

FROM INSIDE LOOKING OUT

(Continued from page 140)

Perhaps without giving less attention to the practical and decorative aspects of the building puzzle, we might give at least as much to the production of illusion. The architect, interior decorator, and landscape architect should think and see as one. It is not necessarily the great view which we are after. To achieve the panoramic, Olympic outlook is simple enough. For this one must choose a hill-top. But far more subtle and satisfying is the surprising, enrapturing, intimate glimpse of the outside from within. You must see the top of the Apple tree from your bed in the morning, the dark points of Fir trees across the moon by the garden wall, the moon by the garden wall from your study at night; or the painted tree over your newspaper in New York. It is only these things that can make us really say to Keats, "I understand when we read the lines:"

"To one who has been long in a pent
Tis very sweet to look into the fair
And open face of heaven—to be near
A prayer Full in the smile of the blue firmament."
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Greetings from Holland

It's land of peace and plenty where systematic endeavors coax into existence those fragrant Hyacinths and stately Tulips that turn Spring Gardens into veritable fairylands. This month sees the fields on our farms in Holland develop into blue and white acres of Hyacinths, and crazy quilts of the lovely Breeder, Cottage and Darwin Tulips, etc.

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Their reasons are as follows:

E. L. Doheny

The common ant of the sweet- eating species that you see about your place is a destructive influence that, perhaps, you don’t suspect.

Aphis, mealy-bug and scale excrete a honeydew substance that ants use for food. Ants, therefore, protect these pests. Your efforts to control them are largely nullified unless you “get the ants.”

The Antrol System—the first system of control to be developed and produced on a national scale by a scientific research laboratory—now gets a new result with ants. Able, thinking men and business institutions have found this out, and are flocking to this system to save the money henceforth that ants have cost them heretofore.

Yet the Antrol way is simple. Little glass jars containing a “exterminator ladder,” (patented) are filled with a special Antrol Syrup. The ants crawl in and take particles of syrup back to the nest. There the ant colony is “fed” with the syrup and is soon extirpated.

I believe Antrol is going to save me thousands of dollars in plant and shrub replacements every year,” says Wm. Wrigley, Jr.

Results have been so marvelous as to be almost unbelievable,” says the Pioneer Nursery after trying 2,000 Antrol Jars.

No other system that we know is so neat, clean, simple, durable and economical. The cost averages about one-fourth that of “special contracts” for ant work.

Verify the judgment of the large estate owners and institutions that are everywhere adopting it.

Get Cutworms, Slugs, Snails.

Snarol, a new preventant, non-poisonous in nature or spreading down its farm, is absolutely harmless to vegetation, excels much in its easy, clean, gran- hopers, cutworms, earwigs, and new pests. Sprinkle it around the flowers and the shrubbery and save the damage from these pests. Remember the name—Snarol.

Ask your gardener or estate manager to fill out coupon below and we'll arrange with dealer named to furnish you with Antrol.

Clip the coupon now, before you turn the page, and hand it to your gardener, or send it in your self.

Snarol Laboratories, Inc.
205 M. 59th Street, Washington, D. C.

Please arrange with dealer named below to have us send you the Antrol Syrups and cutout cards with no obligation on your part. Also send me two copies of “Free Control” by A. E. Cardall.

Dealers
Write us for our proposition

H. A. C. Hildebrandt, Inc.

The Scientific National Ant Control
Antrol Laboratories, Inc.

Get Cutworms, Slugs, Snails.

Snarol, a new preventant, non-poisonous in nature or spreading down its farm, is absolutely harmless to vegetation, excels much in its easy, clean, gran- hopers, cutworms, earwigs, and new pests. Sprinkle it around the flowers and the shrubbery and save the damage from these pests. Remember the name—Snarol.

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Please arrange with dealer named below to have us send you the Antrol Syrups and cutout cards with no obligation on your part. Also send me two copies of “Free Control” by A. E. Cardall.
The Wheelbarrow of a Hundred Uses!
"Not too Small for Dad"
"Not too Large for Son"
THE COMPACT

A SCIENTIFICALLY designed wheelbarrow of greater strength and more attractiveness. Designed for home use it has the same capacity as other garden barrows. Its load is so balanced over the wheel, that with a 200 pound load, only 36 pounds comes on the handles. As suitable for operation by women, or even children, as it is by men.

Especially adapted for the home

STERLING WHEELBARROW COMPANY
MILWAUKEE, WISCONSIN

The first of this fence to be used in American was erected at Westbury, L.I., in 1911, and has never needed repair!

A Fence to keep people from staring in at you

THOSE long lines of passing motocars right at our front door—how can we endure another summer of them?"

That is the question that hundreds of home-owners throughout America are asking themselves at this time.

For them the answer is Dubois. Friendly in appearance, lending quiet charm to every setting, it serves as effectively as a stone wall in preventing people from staring in at you. Dubois requires no paint, is easy to erect, and moderate in cost.

DUBOIS Woven Wood Fence

ROBERT C. REEVES CO.
187 Water St., New York

Please send, without obligation, your name, address, town and state.

Handy is every part of the yard and elsewhere.

SOLD TO YOU IN SEALED CARTON AS ILLUSTRATED ABOVE

Not a burden but a pleasure to operate. Never before has a wheel barrow been manufactured possessing the advantages to the home owner as is offered by the HANDIE-BARO.

Equipped with a self-oiling wheel. Painted red and black and varnished.

Weight 34½ lbs.

Size over all
23 inches wide
50 inches long
24 inches high

A Fence to keep people from staring in at you

THOSE long lines of passing motorists right at our front door—how can we endure another summer of them?"

That is the question that hundreds of home-owners throughout America are asking themselves at this time.

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DUBOIS Woven Wood Fence

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Please send, without obligation, your name, address, town and state.

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DUBOIS Woven Wood Fence

ROBERT C. REEVES CO.
187 Water St., New York

Please send, without obligation, your name, address, town and state.

Made in France of split, live chestnut saplings bound with heavy, rust-proof Copperweld wire.

Comes in 5 foot sections, in two heights, 4' 11" and 6' 6".

The first of this fence to be used in America was erected at Westbury, L.I., in 1911, and has never needed repair!

A Fence to keep people from staring in at you

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For the first time as to be used in America was erected at Westbury, L.I., in 1911, and has never needed repair!
THE GARDENER’S SCRAP BOOK

MEAT AND DRINK FOR PLANTS

ONE of the best of the comparatively new garden devices is a special hose nozzle which contains a soluble and concentrated fertilizing preparation. In operation, the water passes through the hose in the ordinary way, but before it issues as spray it passes over the chemicals and is enriched by them. As a result, the plants are fed as well as freshened.

While this device is applicable to many kinds of gardening, it is especially valuable for the sprinkling of lawns. It is inexpensive, refillable, and altogether a worth-while addition to the garden tool-house.

THE NEED OF INSECT CONTROL

IT is an odd freak of nature that as soon as one commences to make one’s bit of land more beautiful with flowers, shrubs and trees, or more fruitful by means of vegetables and other edible crops, there immediately arises the need of combating an increase in the number of insect pests. It is as though the good lady resented our efforts to help her out by providing favorable conditions for her plant children, and sent out for reinforcements to halt our campaign.

Yet there is no need for discouragement in this situation—merely for a little more resolve and resourcefulness. Insect enemies may put up a battle, but it is one which can generally be turned against them. The victory will hinge upon knowing what to do, when to do it and, far from least important, actually getting it done.

At the outset, get firmly in mind that there are two general classes of insect enemies that attack garden plants: those that eat stems, leaves or flowers by actual chewing, and those which such...
THE GARDENER'S SCRAP BOOK

out the plants' vital juices by means of specially constructed mouth. The first group is best typified by the caterpillars with their clipping jaws, and the second by the aphids or plant lice. The chewers are controlled by various poisons which can be applied to the exterior of the foliage and taken into the insects' stomachs along with the scraps of plant tissue which they bite off and swallow. Since their method of feeding makes the suckers immune to such control, it becomes necessary to apply directly to their bodies some noxious preparation which will kill them by direct contact without injuring the plants.

WHAT TO USE

THE old reliable stomach poison for chewing pests is arsenate of lead as a liquid spray. Where there is likelihood of any plant fungous disease being present, the lead may be mixed with Bordeaux Mixture (an excellent germicide), thereby killing two figurative birds with a single stone. The stores which sell garden supplies can furnish this double-purpose preparation along with full directions for mixing it with water to make it ready for use. It is well to keep a small box of the powder on hand, ready for adding water and applying at any time. The first sign of marauders among the plants should be the signal for attack.

During the season of plant growth, a solution of nicotine is an excellent remedy for the aphids and similar pests of the sucking type. These beasts, for the most part, are soft-bodied, and many of them breathe through minute pores. The action of the nicotine mixture is to burn their unprotected exterior and suspend breathing operations. It is strong stuff as the supply-man sells it to you—swallow. Since their method of feeding makes the suckers immune to the exterior of the foliage and taken into the insects' stomachs by their clipping jaws, and the second by the aphids or plant lice.

Plant your late summer's garden now with Scott's Creeping Bent for Perfect Lawns!

Sod in six weeks! A rich, velvety stretch of lawn that chalks out weeds before they can grow! A deep, thick-cut, uniform turf that makes your home a beauty spot! That's what you'll get if you plant Scott's Creeping Bent. The New Super-Lawn

Creeping Bent—long recognized as the ideal grass for golf putting greens—is now producing Super Lawns. Instead of sowing seed, you plant sods or the clipped grass— and in a few weeks you have a luxuriant lawn like the deep green pile of a Turkish carpet!

O. M. SCOTT & SONS CO.
556 Main Street
MARYSVILLE, OHIO

For Those Who Love Their Flowers!

IT IS so easy to keep your flowers, plants, shrubs and vegetables free from all of the various injurious sucking and chewing pests, if you will spray them with Wilson's O. K. Plant Spray.

Wilson's O. K. Plant Spray is the famous insecticide which has been used for more than 20 years by prominent horticulturists, florists and superintendents of large estates all over the country. Powerful, yet harmless and clean. Ideal for use outdoors or under glass, in both large and small homes. Recommended by the Officers of the Garden Club of America. Our spray calendar, which gives you the correct time to spray your different plants, is free for the asking. Write for it.

1 Quart $1.00
5 Gallons $12.00
10 Gallons $20.00

WILSON'S WEED KILLER

Don't hoe . . . just sprinkle with Wilson's Weed Killer. Kills all weeds, vines, pond ivy, etc. One good application a year is sufficient. Inexpensive, easy to apply—one gallon makes 41 gallons when diluted with water. Folder mailed on request.

1 Gallon $2.00
5 Gallons $8.00

Prices on larger quantities on request.

These nationally known Andrew Wilson products are sold at seed, flower and hardware stores everywhere. If not obtainable at your dealer, write us, or use the attached coupon.

ANDREW WILSON, Inc.
DEPT. H.
SPRINGFIELD, NEW JERSEY

This little book: "Bent Lawns," is free to you. It is a valuable treatise on how you can have beautiful lawns. Write today for your copy.
THE GARDENER'S SCRAP BOOK

DEVICES FOR APPLYING POISONS

In the actual application of liquid poisons or fungicides it is important, first of all, to cover the objective completely, whether it be the stems and foliage of the plants or the bodies of the enemies which are attacking them. This objective is best attained by reducing the liquid to a fine, mist-like spray which can be directed exactly where you want it. No watering-can which was ever devised can do this. It is necessary to provide a special spraying device of some sort.

Where there are only a very few plants to be protected a hand-operated syringe type of sprayer will do the work adequately, besides being inexpensive. The type with a cylindrical reservoir over the top of which a jet of air passes under pressure is the best. A dollar or two buys one of these, and it is capable of really effective work.

In a real garden, though—even one of decidedly moderate size—a compressed air sprayer is the kind to have. This consists of a heavy metal cylinder so made that its liquid contents are put under substantial air pressure by means of an attached pump and are thereby forced out through a short spray hose controlled by a “trigger” operated by one hand. A few strokes of the pump raise enough pressure to last for several minutes’ spraying. Perfect control and uniform distribution of the liquid are prominent advantages of these sprayers, and another point is the range of the device. By means of high pressure and extension nozzles it is possible to cover thoroughly a tree as tall as a standard Apple. When you begin to realize what a good investment it is.

THE ARCHITECT SAYS:

“In the bathrooms you desire privacy, economy, and freedom from leaking valves. I have, accordingly, specified Curtin Noiseless Tank Fittings in every toilet.

I know that these fittings will render the unusual in bathroom privacy.”

A. F. CURTIN VALVE CO.

Medford, Mass.

Curtin Tank Noiseless Fittings

JUNE is the time!

Now is the time to safeguard your water supply. Be ready to meet summer’s water demands.

A Hoosier Water Service will give you running water under pressure when you need it most and will save your lawns and gardens from disaster of drought. It will provide an ample water supply for every home purpose—at a much lower cost than city water service.

Takes water from any source of supply and uses any power. The unique GALVAZINK protection inside and out means many years of uninterrupted service. Sold by good merchants everywhere.

FLINT & WALLING MFG CO.

60 Oak St.

Kendallville, Ind.

Get this FREE Book!

There is a Hoosier Service to fit your individual needs. This free book, “How To Have Running Water,” will show you how to select it. Write today—no obligation.

“Four Veterans” Peony Collection

This beautiful garden set of harp design is made of genuine wrought iron, finished in soft green. It will add charm and grace to the natural beauty of your lawn or garden. Sold as a set or individual piece.

We also manufacture candelabra, weathervanes, and other novelties. Booklet sent upon request.

W. A. Snow Iron Works, 32 Portland St., Boston

Workers of wrought iron since 1883

LATEST

NEWEST SNOW

Creation

This beautiful garden set of harp design is made of genuine wrought iron, finished in soft green. It will add charm and grace to the natural beauty of your lawn or garden. Sold as a set or individual piece.

We also manufacture candelabra, weathervanes, and other novelties. Booklet sent upon request.

W. A. Snow Iron Works, 32 Portland St., Boston

Workers of wrought iron since 1883

A Symbol of Bread Service

BECAUSE better bread benefits everyone—a group of ninety non-competitive wholesale bread bakers throughout the United States are working together in the Quality Bakers of America on a cooperative basis in the interests of baking better bread and better service.

That’s why they maintain national headquarters in New York and employ experts in all departments of the business, including a field force of specialists to go from bakery to bakery!

That is why the insignia of membership on a bread wrapper is a symbol of bread service. Look for it on the wrapper of your bread.

EXECUTIVE COMMITTEE

QUALITY BAKERS OF AMERICA

469 Fifth Avenue, New York

“Better Bread Benefits Everyone” Sparkling cleanliness

A very necessary task, yes. But a hard task, a disagreeable task—no! Use Sani-Flush. It quickly removes every stain and mark, all incrustations. And the closet bowl shines as bright as a new pin.

You need only sprinkle Sani-Flush into the bowl, follow directions on the can, then flush. No scrubbing, no scouring. Sani-Flush banishes all foul odors. Harmless to plumbing connections. A necessity in every bathroom? Assuredly! Buy Sani-Flush in new punch-top can at your grocery, drug or hardware store; or send 25¢ for full-sized can. 50¢ in Far West, 55c in Canada.

Sani-Flush clears closet bowls without scouring.

THE HYGIENIC PRODUCTS CO.

Canton, Ohio

“Better Bread Benefits Everyone” Sparkling cleanliness

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Sani-Flush clears closet bowls without scouring.

THE HYGIENIC PRODUCTS CO.

Canton, Ohio
June, 1927

Lure and Loveliness: Two all-compelling attributes of maid and matron.

No. 4711 Eau de Cologne: an ever-suggestive aid to beauty! The unobtrusive fragrance of No. 4711 is a constant delight. And, just before the application of cosmetics, it is worth a king's ransom — for it is at once gently astringent, refreshing, stimulating.

Made in U. S. A. by W. Mullens & Kropff, Inc.
25 W. 45th Street
New York

As far as methods of application are concerned, the foregoing suggestions for insect spraying should be carried out in the control of such plant diseases as affect the above-ground growth. The commonest of these in the garden are mildew and certain forms of blight and spot. As a general standard control is the Bordeaux mixture mentioned on page 177. It can be depended upon in most cases of this sort of trouble. Where the disease does not yield to it, resource must be had to special remedies described in the good books on spraying.

THE PFEIFFER NURSERY
WINONA, MINNESOTA

Should Invalids Be Imprisoned?

The Sedgwick Invalid Elevator enables invalids to move freely from floor to floor. It is a blessing to the aged and infirm to whom stair-climbing is an ordeal and a constant peril.

Write for "Robbing the Stairs of Their Terren" — a folder descriptive of the elevator which has released more than a thousand invalids from confinement to a single floor.

SEDGwick MACHINE WORKS
146 West 5th Street
New York

Manufacturers of Pail Lifts, Trunk Lifts, Drum Washers, Ash Harvets, etc.

The Most Serviceable Clothes Dryer

HILL Champion Clothes Dryer gives the clothes all the benefit of sun and wind and is easily removable when not in use. With the Hill Champion it is not necessary to have the common clothes yard. An inconspicuous receptacle is set in the lawn. Dryer arms fold up like an umbrella and with the post are easily removed.

Hill Champion Clothes Dryer provides 150 feet of line, all within easy reach from one position. Our folder G will be gladly sent upon application.

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HILL CHAMPION CLOTHES DRYER

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PEONY SATISFACTION

That is what our patrons write us regarding the fine Peony roots we send out. Our superb collection contains most of the high class peonies, as well as the more moderate priced kinds.

A new departure in our catalog this year should interest you. May we send you a copy?

THE PFEIFFER NURSERY
WINON. MINNESOTA
WEDDING GIFT SUGGESTIONS

A few pleasant minutes at Plummer’s offers many suggestions in the daintiest glass and china. Illustration shows a few pieces of handsomely engraved glass, all carried in open stock.—Mail orders receive prompt attention.

NEW HAVEN, CONN. 34 Chapel Street
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Plummer & Co., Ltd.
Importers of Modern and Antique China and Glass

7 East 33rd Street Near 5th Avenue New York

WASN'T IT A Delightful Luncheon?

"Perfect!" answered her friend. "And Norma, the best in the kitchen till the last minute, looked as fresh as a flower. But she gives her KitchenAid all the credit." Highly, too. KitchenAid does the work of several pairs of hands, with swift, sure, mechanical thoroughness and precision. Hence its rolls, cakes and pastries melt in one mouthful. Its salads and frozen desserts are incomparable. It leaves you with no aching arms or back. And it makes your maid, if you have one, contented and more efficient. Easy to own. Easy to operate. Attaches to any socket.

Fill in the coupon and learn about our easy budget plan for equipping your kitchen with KitchenAid.

Mixes
Beats
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Chops
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KitchenAid
Electrical Food Processor for the Home

The KitchenAid Mfg. Co., Troy, Ohio Dept B627
Please send me the KitchenAid Book and letters from users

An ideal wedding gift!

WHAT bride would not be pleased to count Dolly Madison Spreads among her gifts? So beautiful, so decorative and yet so practical. These colorful, distinctive spreads are all fast color—all exquisitely lovely.

Dolly Madison Bed Spreads, twin or double size, can be obtained at the better stores, in a variety of qualities, styles, and prices. Look for the Dolly Madison Label.

GEORGE ROYLE & CO., Mfrs., Dept. H-6, Trenton & Franklin Aves., Philadelphia

DOLLY MADISON
Write for free illustrated booklet

An ideal wedding gift! Uses the Health Builder daily. She says, "I enthusiastically recommend the Health Builder to everyone that is interested in keeping radianfly healthy and in retaining a beautiful figure."

Sent daily in countless private homes, large medical institutions and by numerous physicians in their practice, the Health Builder is a safe, simple, scientific method of reducing weight and keeping proudly healthy.

Send for FREE Book

Sanitarium Equipment Co.
Room K-2314
Battle Creek, Mich.
SCREEN NOW with PEARL WIRE CLOTH

ALTHOUGH Beauty and Economy are the foremost features of PEARL Wire Cloth, another of great importance is Vision.

Due to its smooth metallic finish and even mesh, coupled with its color, which turns to an "invisible" gray shortly after installed, PEARL offers practically no obstruction to the vision, and the occupants of a PEARL Screened Porch enjoy the beauty of the outdoor view.

This feature does not hold with painted cloth. PEARL requires no painting. It insures against repairs, continued painting and the petty annoyances that less durable wire cloth gives.

Buy only the Genuine, which has two copper wires in the selvage and our red tag on every roll.

Call on our local dealer or write direct for samples and literature if you're interested in screen material. Address Dept. "K" The Gilbert & Bennet Mfg. Co.

New York Georgetown, Conn. Chicago Kansas City

G & B Pearl is made in two weights—regular and extra heavy. The best hardware dealer in your city sells "PEARL"
Y ou real House & Garden because you are interested in and appreciate the things that go to make up your home and garden, and because you recognize the value of the practical suggestions most of the artists and illustrators contain about things which you can own to use in your own home.

We hope that you will not be looking up to us in false enthusiasm unless we have helped you find those things, many of which are advertised in the magazine. For, in our examination, this classified field of products is the nucleus of House & Garden, and we feel that you may be interested in making the finest selection.

In justice to yourself, look over the advertising before deciding and write to the advertisers for their suggestions. You will find them very happy to be of assistance—and when you have made your choice you will be confident that you have not left many good things uninvestigated.

While every precaution is taken to insure accuracy, we cannot guarantee against the possibility of an occasional change or omission in the preparation of this index.
Do you get a long blooming season for your sweet-peas by soaking them twice a week and giving them a cut-grass mulch in June? Do you stake tall-growing flowers so as not to disturb their roots when the flower-buds form? Do you get better-quality fruit by thinning heavy-crop trees now? Do you coax a second blooming from your delphiniums by cutting back and bone-mealing them? What sprays do you use? When?

These are just a few of the wise hints House & Garden's Second Book of Gardens gives the June gardener on a single page—and there are 224 pages in the book!

With House & Garden's Second Book of Gardens, and a reasonable supply of fertilizer, you can have a garden that is a leaf from the very book of loveliness all summer long. No matter whether you own acres and acres, or only a window box and a lively imagination, House & Garden's Book tells you what to do with it, and how and when. It's the cream skimmed from ten years of House & Garden, plus a bit of good sound practical tables of what to do day by day to have a healthy garden.

Richardson Wright, House & Garden's genial editor, chose the gardens. As for the 650 pictures, every one of them is an inspiration that makes a garden lover positively mad to work it out on his own soil at once! And it will pay for itself in saving the life of expensive plants for you.

Only $5 for all this! The pleasantest thing you could possibly get in return for that $5 is a bit of green paper. Send in that coupon now!

House & Garden's Second Book of Gardens

$5, net

224 pages . . . 650 illustrations

House & Garden, Greenwich, Conn.

For $5.20 inclosed, send me 1 copy of House & Garden's Second Book of Gardens (The additional 20c covers postage).

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Please send descriptive Filmo booklet "What You See You Get" and my nearest dealer's name.

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BELL & HOWELL CO.

1831 Larchmont Ave., Chicago, Ill.

How to have YOUR OWN VACATION MOVIES with the BELL & HOWELL

Automatic Camera and Projector

VACATION motion pictures—that catch and re-create every detail of the big thrills—are taken with the beautiful Filmo Camera shown here. Easier than taking snapshots. No special skill required.

Simply look through Filmo's spy-glass viewfinder, press a button, and "what you see you get," automatically. No focusing for distance. No cranking. No tripod required. Although made by the world's largest pro-
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Eastman Safety Film [16 mm.],—in the yellow box—used in Filmo Camera is ob-
tained at practically all stores handling cam-
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[1] Please send descriptive Filmo booklet "What You See You Get" and my nearest dealer's name.


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