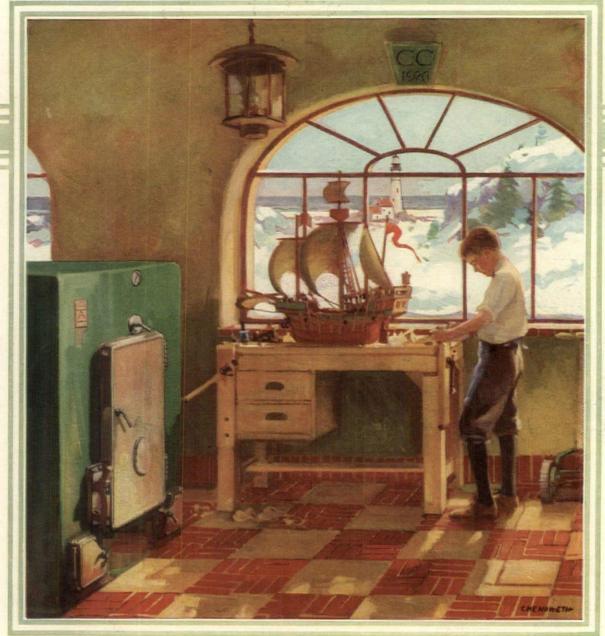
HOUSE & GARDEN



Spring Gardening Guide

35 cts - 350 allear



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Here is Perfected, Cleanly Heating /

PRODUCED by cooperation among the engineers in our 30 factories at home and abroad. This IDEAL Heat Machine is a mechanically perfect servant—automatically giving out, minute by minute, day and night, precisely the volume and degree of heat you set. There can be no more under-heating, over-heating, or fuel waste!

Here at last is perfect heating. Here is quality that endures. Here is an investment that repays a part of its cost every year. Here are cellar attractiveness and cleanliness—making possible a place for father and the boys to de-

velop "hobbies," which mean so much to family happiness. To builders of new homes and owners of old homes, alike, IDEAL Boilers and AMERICAN Radiators mean economy, perfect comfort and lifelong satisfaction.

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We have a beautifully illustrated book about IDEAL Boilers and AMERICAN Radiators which shows how a cellar can be transformed into an attractive, livable part of the home. Tell us the kind of building you wish to heat and let us send you a copy. Address Dept. B, 1805 Elmwood Avenue, Buffalo, N. Y.

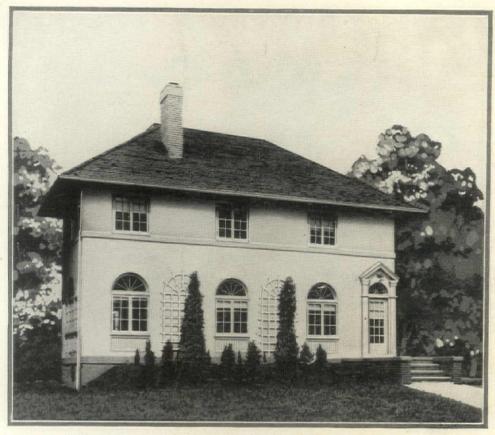
AMERICAN RADIATOR COMPANY

Showrooms and sales offices: NewYork, Boston, Providence, New Haven, Newark, Philadelphia, Baltimore, Washington, Richmond, Buffalo, Pittsburgh, Cleveland, Detroit, Cincinnati, Atlanta, Chicago, Milwaukee, Indianapolis, St. Louis, St. Paul, Minneapolis, Omaha, Kansas City, Denver, San Francisco, Los Angeles, Seattle, Toronto, London, Paris, Milan, Brussels, Berlin

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For heating cottages and small stores, Ideal ARCOLA. For larger buildings, IDEAL HEAT MACHINE, ARCO, WATER TUBE, SOFT COAL SMOKELESS; and Factory Boilers





Residence Farrington Road, E. Cleveland, Ohio. Owners and builders: The Joseph Larong Co. Architect: Jos. L. Weinberg. Bishopric used on the Interior and Exterior

If you are planning a stucco home

you should know these facts about Bishopric unit-wall construction

THERE are two ways of building a stucco wall.

One way is to buy materials from ous sources—stucco, sand, stucco , building paper, etc.—and comthem as successfully as possible.

he other way is Bishopric-a unitconstruction, planned and built as it.

ishopric Base is its foundation. It ists of the finest quality fibre-board h felt for insulating base). This is vily coated with asphalt mastic—air t, vermin proof, fire resisting. Into are embedded beveled wood bars er great pressure.

ver this is applied Bishopric Stucco, y mixed to exact, scientifically ascered proportions. It locks firmly into the grooves provided by Bishopric Base. And the result is a sound, strong wall unit—a coherence and strength of construction obtainable only with Bishopric.

You want walls like this in your home. You can have them by specifying Bish-

SEND FOR FREE BOOK

Our beautiful new booklet, "The Renaissance of Colored Stucco," is just off the press. It contains the very latest ideas on the use of colored stucco in home architecture. Many colored illustrations of interesting homes. Send coupon for your copy—now.

The BISHOPRIC MANUFACTURING O.

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The BISHOPRIC MFG. CO. OF CALIFORNIA

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"A Complete Wall Unit for all Jime and Clime"

THE DRUM



Bishopric Stucco is shipped in hermetically sealed metal drums. There is no waste or deterioration in storage and you are assured of absolutely fresh new material. The Roll and the Drum meet with the endorsement of architects. builders and satisfied home-owners throughout the world

THE ROLL

Bishopric Base comes to the building operation in large rolls containing 100 square rous containing to square feet. It is easily handled, quickly cut to desired size without waste — Bishopric Base saves 25% in plaster or stuccomaterial and increases the strength of the building



Bishopric Base is first nailed securely to the studding of the building—a Bish-opric nail to every wood strip at every bearing point.

bearing point.

Bishoptic Stucco is first dry-mixed. Then nothing is added but clear water. Bishoptic Stucco works up to a uniform mortar and is easily laid on because it works so smoothly. Plasterers everywhere enjoy putting on Bishoptic Stucco because of its unexcelled smoothness and uniformity.

The mortar goes over and in between the wood strips and locks into an inverted wedge clasp.

Note how the wood strips of Bishoptic Base are embedded in a tough layer of asphalt mastic on a wood fibre background. This forms an asphalt curtain which effectively shuts out moisture, heat, cold and vermin



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HOUSE & GARDEN March, 1926 House & Garden is published monthly by The Condé Nast Publications, Inc., Boston Post Road, Greenwich, Conn. Executive and Publishing offices, Greenwich, Conn. Entered as second class matter at the Post Office at Greenwich, Conn., under the Act of March 3rd, 1879, Editorial offices, 19 West 44th Street, New York, N. Y. Subscriptions for the United States, Canada, Porto Rico, Hawaii and the Philippines, \$3.50 a year in advance.

CARON CORPORATION, 389 FIFTH AVENUE, NEW YORK.

Vol. No. 4

DISTINCTIVE FURNITURE



OLD-TIME SPAIN DOMINATES THE ROOM!

The "SEVILLE" Dining-Room Group

Danelled walls & beamed ceiling & a bit of wrought iron & fabrics rich in color & Antique Walnut & these create the atmosphere of the Spanish Renaissance surrounding the Seville dining-room suite.

Impressive with its rich carving, dignified style, colorful upholstery and waterproof lacquer finish, the Seville is both substantial and distinctive. Adapted to modern needs and developed thruout in solid American walnut.

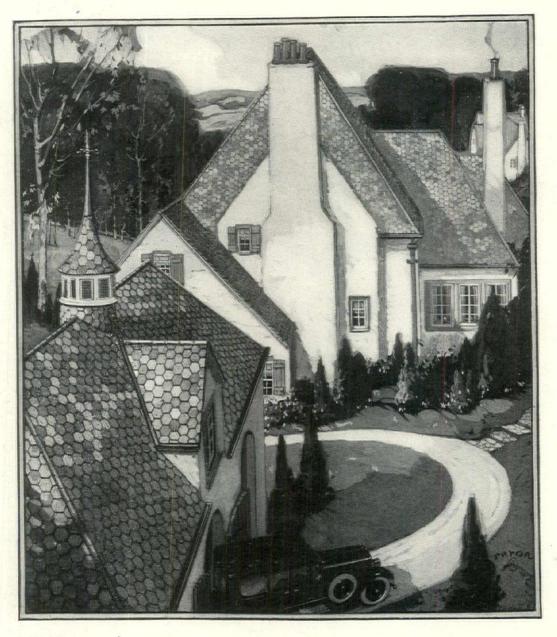
"Ghe Seville" is pictured with many other Kittinger Dining Suites in the brochure "Dining Rooms of Distinction." A copy will be mailed you on request.

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The Purchase of Kittinger Furniture may be arranged thru your own Dealer or Decorator.



Fine Furniture for the Hall, Living Room, Dining Room and Executive Office.



THE wearing qualities of Preston Shingles depend not only on the quality but on the quantity of asphalt which each shingle contains. If you examine the edge of a Preston Shingle, you will notice that it is practically a solid body of asphalt. This feature of Preston Shingles accounts for their remarkable wearing qualities.



MICROSCOPIC ENLARGEMENT

Preston shingles give a house personality

PRESTON Shingles can transform a home however simple and unpretentious into a place of distinction. The soft colors of the slate and stone surfacing material are not only enduring but they blend perfectly with any color scheme of the house itself.

A Preston Roof seems almost as if it were fashioned by nature herself. The Sunset shade produces the rare elusive tints of an autumn hillside.

Preston shingles are adapted to any pitched roof from a cottage to an expensive house. They

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WE discourage cleaning Indiana Limestone buildings, since the venerable antique effect produced by weathering is conceded to be one of the great charms of natural stone. However, anyone determined to clean a stone building may obtain complete information on methods that will not destroy the surface of the stone by writing to the Indiana Limestone

Quarrymen's Association, Service Bureau, Bedford, Indiana.

F YOU have always associated the idea of stone with large and pretentious mansions, and have considered it out of the question for the small bungalow or more modest home you are intending to build, you will be interested to know that this is no longer the case.

Indiana Limestone can be used as a veneer four inches thick over stud frame construction in such a way as to give the appearance of walls of solid stone, and at a much lower cost. This is, in fact, the most economical form of stone construction, and is especially adaptable for bungalows and small homes. The cost of a house whose exterior walls are constructed in this manner will be only 5% or 6% more than that of one whose walls are faced with brick.

Our Portfolio of House Designs contains a more detailed description of this form of stone construction. Send 50c and obtain this interesting collection of designs for moderate-sized homes.

INDIANA LIMESTONE QUARRYMEN'S ASSOCIATION

Box 782, Bedford, Indiana







IN QUEST OF THE SECRETS OF THE GREAT

JANET leaned earnestly toward Reta, who was a picture of contented southern lassitude tented southern lassitude.

"You astonish me," Janet proceeded accusingly. "Only last night you were simply scathing in your comments of the girls who were frantically trying to meet that Russian Princess and what did I behold this morning?"

Reta giggled. "What indeed, darling?"

"You-you, the supercilious one-being cloyingly sweet to Mrs. Hammond so that she'd present you. Why in the world do you want to know her anyway?"

"I wanted some information from her, curious one," was Reta's mysterious reply.

Janet sniffed skeptically. "I suppose you'll tell me now that have private dealings with the Moscow Reds."

"Don't be cross, old dear, I still feel that those girls were last night, the way they dashed around seeking introductions when I saw her Ladyship this morning with those marvelous p on I knew I'd have to find out where she bought them. I co very well question her maid, could I? Now you know why to meet her."

Janet forgot to apologize for her brusqueness in her eagern ask another question. "Well, where did she get them? Marie have been simply breathless to know."

"At the Pedemode Shop—I'm getting a pair just like them a as I get back."



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Pedemode Shoes for Women

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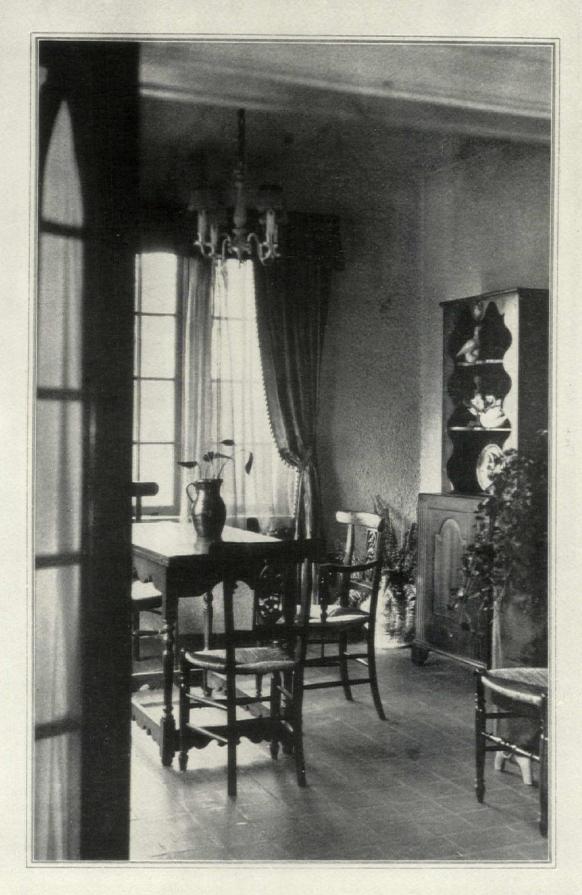
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INTERIOR DECORATIONS

61

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A RENEWED and widespread interest in interior decoration finds us ready with a staff of experienced decorators to place at your disposal. Our Display Rooms are a constant source of inspiration and our decorators will assist you to assemble furniture and furnishings from the rich offerings of our 6th and 7th Floors.

IN THE PHOTOGRAPH
One of the rooms in a Long
Island home recently decorated by Macy's Staff of

Interior Decorators.



"KID is the accepted material for light resort shoes for general daytime wear -"

From the VOGUE Shoe Bulletin



This is the Vici Lucky Horse-shoe. Look for your luck in your shoes...don't trust to luck it's there!

ne New

Vici Parchemin-Delicate old ivory, like white warmed into life by the summer sun. Illustrated by the topmost shoe in the case. Vici Parchemin takes the place of white in the smart 1926 wardrobe.

Vici CREAM - A soft creamy blonde, the most versatile of all summer shoe colours -and one that needs little cleaning. Illustrated by the second shoe.

Vici Sudan-Just a bit darker, good in the country but providing as well, a smart town version of beige. Illustrated by the third shoe.

Vici Apricot - Warmest and pinkest of this delicious beige range, touched with the rose tone that has had so strong an influence on the mode.

Vici CRYSTAL GREY-A clear, true grey, cleverly toned to accord with the maximum number of "cold" colours. For town or country wear.

Vici Bois de Rose—Colour-magic that has taken two continents by storm. Vici CARAMEL is a greyer variant of the same smart theme-a very adaptable colour.

Vici Gypsy Brown-Mid-brown, with an undertone of gold. A warm spring brown for those who choose shoes as the dee colour-note in a beige-brown ensen Vici Cochin is even darker—a true sr colour.

Vici Black—In two versions, mat glace. The ever-dependable staple t shoe, and very smart when touched colour to accord with one's accesso

THE LUCKY HORSESHOE—The only was be sure you have the authentic Vici col in the true Vici quality—the quality keeps the colours, the shape and smartness—is to look for the Vici tr mark-the famous Lucky Horseshoe.

For information as to which of these new colours in shoes should be used with each of the smart town and country costume colours, send for the new Vici folder, "Chart of the Colour Mode."

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YOUR ASSURANG
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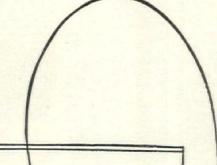
Arkansas Soft Pine is Trademarked and Sold by Dealers East of the Rockies

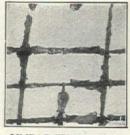
Arkansas Soft Pine Bureau
374 Boyle Building Little Rock, Ark.

t's Time to Think about Screens -

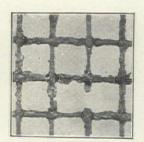
BEFORE deciding on the kind to buy, consider how screen materials stand up under the wear and tear of service.

Five different kinds of screen wire were subjected to a continuous salt spray which concentrated into six weeks the weathering effects ordinarily distributed over a period of years. The samples were tested for strength both before and after the corrosion test.





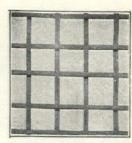
UNPAINTED IRON
The original strength and hardness were more than sufficient for any practical need, but after six weeks' exposure to the test, destruction by rust was almost complete.



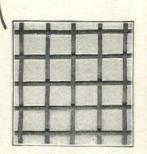
ENAMELED IRON
At the end of six weeks
many holes appeared. For
all practical purposes its usefulness was as completely
destroyed as that of the
unpainted iron.



GALVANIZED IRON
After six weeks this wire
was badly corroded and
greatly weakened, showing
that galvanizing does not
afford permanent protection
against rust.



COPPER
Copper effectively resists corrosion as this illustration shows. But in the test for strength and hardness unalloyed copper does not measure up to bronze wire.



BRONZE
Tested for ten weeks instead
of six, this bronze wire
showed little effect of corrosion and was as strong at
the end as the copper wire
was before the tests.

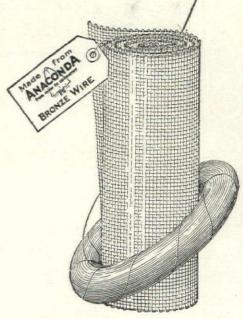
The photographs above, magnified five times, show conclusively that of the materials tested, only bronze and copper screen wire offer satisfactory resistance to corrosion. The tests also prove that the bronze wire is 50% stronger than copper.

Screens made of Anaconda Bronze Wire are by far the most satisfactory and economical you can buy:— They last for a generation, they are so strong that they do not bulge or sag in service, they are always attractive, never require painting, and consequently do not obstruct vision.

It's time to think about screens. Leading hardware dealers can supply them made of Anaconda Bronze Wire.

THE AMERICAN BRASS COMPANY

GENERAL OFFICES: WATERBURY, CONNECTICUT
Offices and Agencies in Principal Cities
Canadian Mill: ANACONDA AMERICAN BRASS LIMITED
New Toronto, Ontario



The American Brass Company does not make screens, but furnishes Anaconda Bronze Wire to leading screen manufacturers.

Antique and Golden
ANACONDA BRONZE WIRE



Genuine Porcelain Enamel Inside and Outside

TP TO NOW white porcelain enamel on the outside of a refrigerator was a luxury few could afford.

Today the famous Bohn Syphon refrigerator can be had in porcelain enamel exteriors on steel at about the price of a good grade of wooden box, and, of course, there is no more comparison between the practical utility and immaculate appearance of porcelain enamel on the outside of a refrigerator than there would be to compare porcelain enamel with wood for the inside.

Bohn Porcelain exterior refrigerators, in white or gray, are displayed in progressive stores and by better class mechanical refrigeration dealers everywhere.

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An unusual testimonial as to Bohn quality.

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OUR OWN RETAIL SALESROOMS:

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cook with the gas turned off!

The woman who takes real pride in her home is interested in any scientific improvement that will contribute to economy and convenience of operation.

If she's fortunate enough to have good servants she knows they are much easier to keep contented if their labor is lightened and made more pleasant.

The woman who does her own work should take advantage of every possible opportunity to reduce household drudgery and needless waste.

The truly modern kitchen today is equipped with the Chambers Fireless Gas Range, the greatest forward step in household economy and convenience in forty years.

Gas bills cut in half

The first tangible benefit a Chambers Range will bring you is a lower monthly gas bill. You only burn half as much gas cooking the Chambers way, due to the Thermodome and the Chambers Insulated Oven.

Another important saving is made on food. For every full meal served in your home, a Chambers Range will prevent one to two pounds shrinkage over old-fashioned methods. That means 30c to 50c on every full meal you prepare.

The very food you put on your table

will be more savory and appetizing because the Chambers features keep meats and vegetables from drying up and losing their natural juices.

More golden hours of freedom

But far more important to most women

Chambers Gas Range

than the actual money saving effected by the Chambers Range are the additional hours of freedom it brings from kitchen drudgery. You can put dinner on to cook and go away from home for the whole afternoon without another thought or worry.

After the gas has been turned on a short time it can be closed off and your meal will go on cooking without further expense, time or worry.

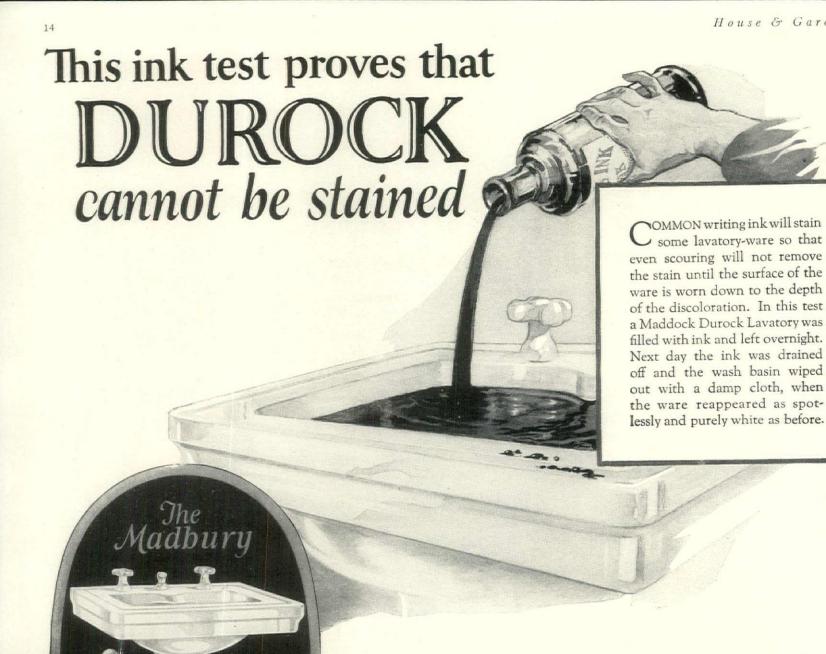
A valuable book for you

Write now for our free book, "Cook with the Gas Turned Off." It will be mailed gladly if you will fill out the coupon below telling us the amount of your monthly gas bill and how many full meals you serve a week.

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Without obligation on my part please tell
me how much money I can save with a
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DUROCK is so hard and glass-like that nothing can penetrate it. The surface sheds liquids that would sink in and discolor other sorts of ware.

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the surface cannot separate from the body, because the glaze is fused in under terrific heat so that surface and body become one and ever remain so. This wear is practically indestructible; even falling tumblers or bottles will not chip or break it.

You are invited to write for booklet, "Maddock Bathrooms", which gives further facts about bathroom equipment and shows styles of various sanitary fixtures of Durock. Address

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There is a DUROCK distributor in your vicinity. Ask your plumber.

MADDOCK Bathroom Equipment



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THE one great purpose underlying automatic regulation of the home heating plant is to provide a stantly uniform temperature in every m. To obtain Uniformity you must e Accuracy of Control. They are as eparable as the Siamese twins.

atrolling devices that permit a range three to five or more degrees, can't you anything but guess regulation. e a "tricky" speedometer, they never you the truth and are certain to se a great deal of annoyance. Under guise of accuracy, they win your fidence and at the same time steal n your fuel supply.

The Cost of Inaccuracy

ry degree over 70 increases the fuel sumption 3 per cent. A range of egrees brings the increase to 15%. tests prove the variation is freatly still greater.

uracy of control has been a guiding ciple for 40 years in the manufacof Minneapolis Heat Regulators. y Minneapolis must be unfailing s accuracy, never permitting a varin of more than one degree.

accurate thermometer is attached to Minneapolis Room Thermostat, so you may always see how closely the neapolis is holding the room tempere to the degree you have set it for.

The Famous Clock Thermostat

Combined with Accuracy of control are other important factors in Minneapolis leadership. The clock-thermostat, for example, provides an automatic checking of the fire at night for comfortable sleeping, saving fuel; and rouses the fire before you wake in the morning, so you may dress in comfort. The Minneapolis principle of low voltage thermostatic control, with thermostatic metal as the actuating element, insures permanent, satisfactory service without replacement of parts, and makes it easy to install correctly in any home. Tearing out of walls, running of high voltage wires in conduit to upstairs rooms, etc., is never necessary with the Minneapolis.

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For Coal, Gas, Oil Heating

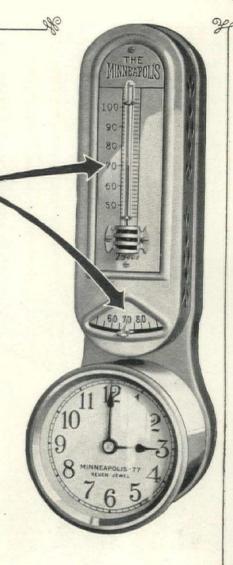
Minneapolis Heat Regulators are for every kind of heating. Write us, stating what type heating plant you are interested in and we will send free literature on the Minneapolis for that particular type.

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How Accurate Control Saves

-each degree costs you 3% more fuel!

Figure your average winter's fuel bill. Then see how much each degree of heat over the temperature desired costs you. And remember, this saving is only a small part of what the Minneapolis saves for you. The automatic night shut down, and the saving that comes from keeping an even fire amount to 1/5 to 1/3 of your total fuel cost. Minneapolis Heat Regulators are built for accuracy; that's why a thermometer is included as a part of the thermostat. The thermometer has no function in the working of the thermostat—it is there as a check only. If your Regulator doesn't function accurately you want to know it. Don't buy a heat reg-ulator without a thermometer.

Mail coupon at right for free booklet and full information regarding automaticheatregulation—a subject you should understand thoroughly before buying ANY

Minneapolis Heat Regulator Company 2790 Fourth Ave. So., Minneapolis, Minn.

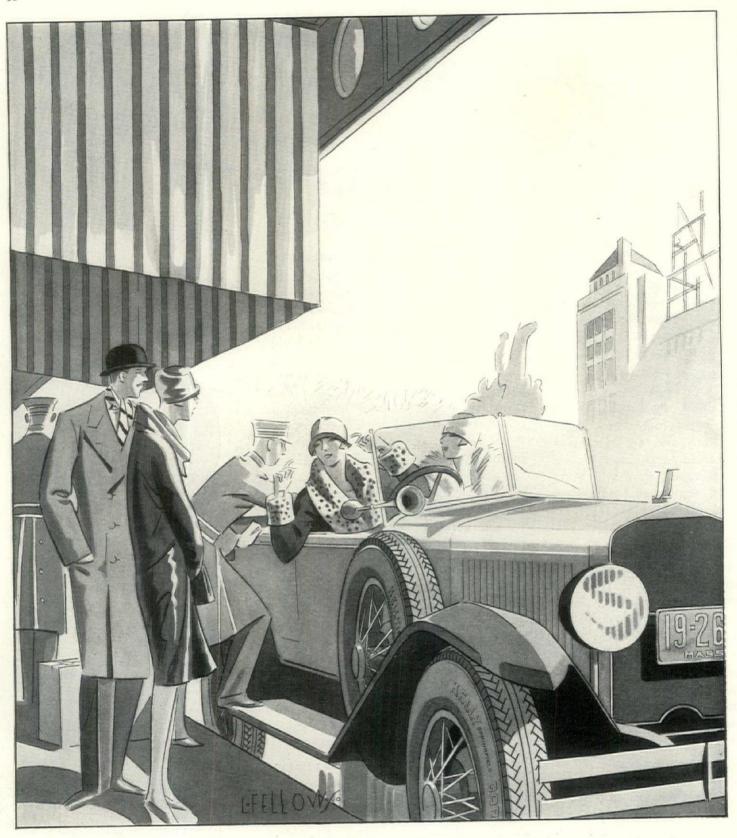
B

70°

Please send me your free booklet, "The Proper Operation of the Home Heating Plant", and full information on the subject of automatic heat control. I have checked below the kind of fuel I am now using or have under consideration:

По , По , По

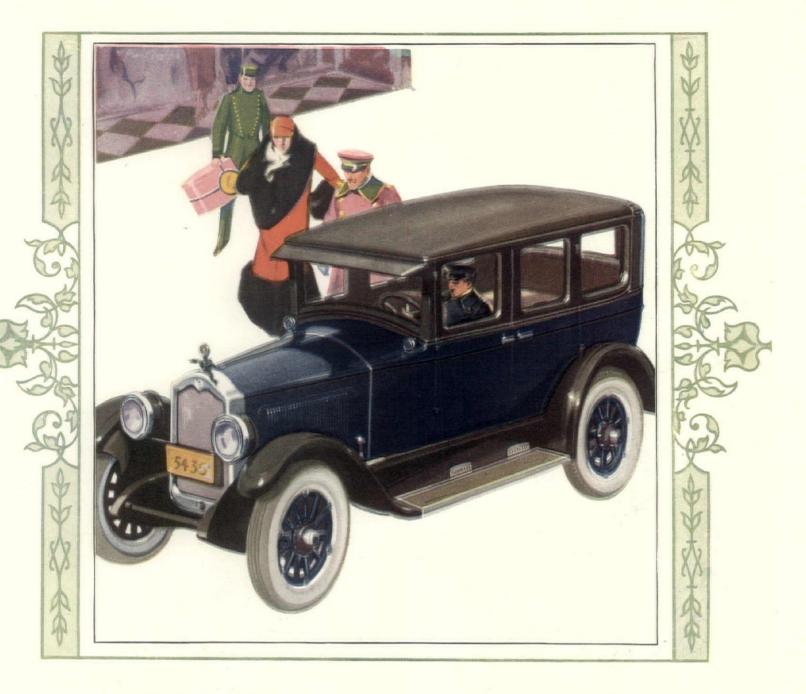
Dist. Steam	(2)



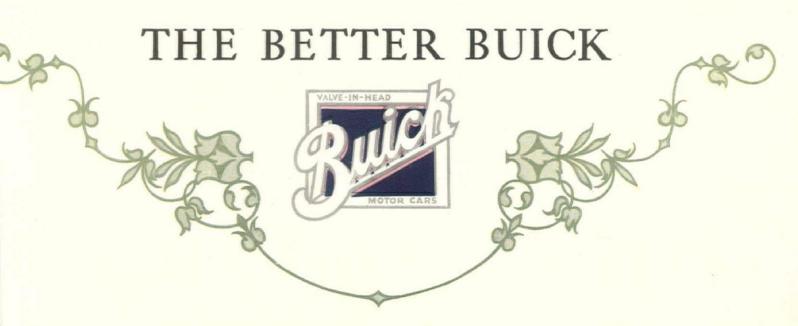
"All the way from Boston since breakfast? I thought you were coming by train. You won't feel much like dancing tonight!"
"I won't, eh? Wait till you see me Charleston! Driving on these Kelly Flexible Cords doesn't tire you."

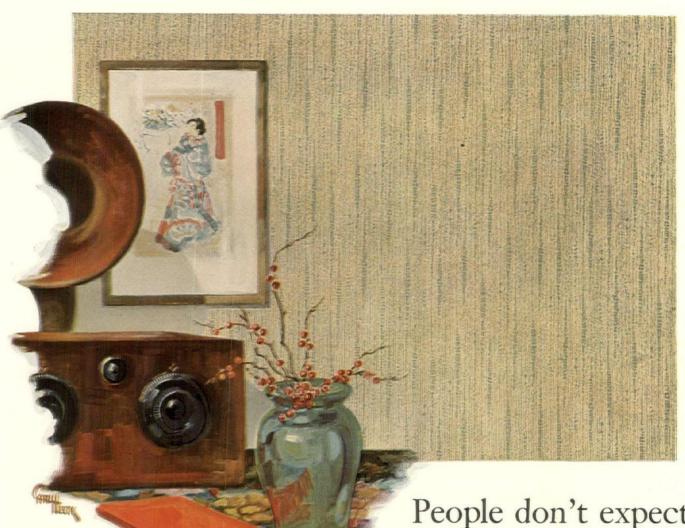
The car-owner who wants to approximate ball tire riding qualities without changing his who will find in Kelly Flexible Cords the nearest proach to low-pressure comfort. To any dresho has been using ordinary cord tires the difference is noticeable.

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conventional and foliage patterns, neutral toned designs of vague formations, stripes, mottled effects, and reproductions of tapestry, grass-cloth, leather and various fabrics.

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Enamel Finish

plain colors, tile effects and decorative patterns, for kitchens, bathrooms, etc.

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Sanitas is made on a strong of ton fabric with a tensile strength 40 pounds to the square inch. I fabric is evenly finished with f coats of durable oil colors, and be had in either plain colors or dorative patterns. It is easy to what advantages such a constrtion offers. Sanitas covered w stay beautiful.

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When you visit Atlantic City, see our Sanitas Exhibit at 1410 Boardwalk, Central Pier.

When it's evening-and your little home resounds with the joys of hospitality-when it suddenly seems that no other happiness compares with receiving and welcoming friends -have a Camel!



To other cigarette in the world is like Camels. Camels contain the choicest urkish and domestic tobaccos. The Camel blend is the triumph of expert lenders. Even the Camel cigarette paper is the finest, made especially in rance. Into this one brand of cigarettes go all of the experience, all of the skill of the largest tobacco organization in the world.

WHEN loyal friends come in for the evening. And you are busied with the pleasures of making them feel how welcome they are. When friendship and hospitality become the brightest joys in all the world-have a Camel!

For no other good thing may be so widely shared as Camels. Camels make every true friendship truer, add the royal glamour of their own goodness to the essence of hospitality. never was a cigarette made that put as much pleasure into smoking and giving smoking pleasure to others as Camels. Camels never tire the taste or leave a cigaretty after-taste, no matter how freely you smoke them. Millions of experienced smokers just wouldn't buy or offer to others any other cigarette but Camels.

So, this night when friends come in to share the warmth of your fire and your friendship. When the realness of your welcome brings happiness to allthen taste the smoke that is friendly to millions. You may know you are smoking and serving the world's finest cigarette.

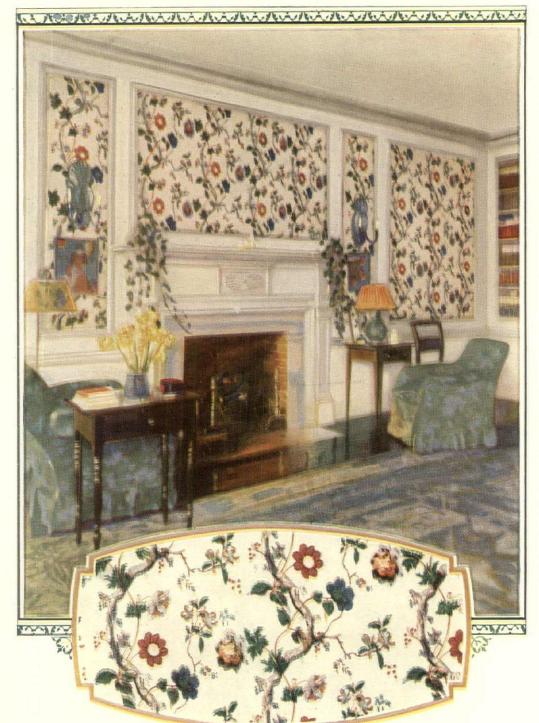
Have a Camel!



Our highest wish, if you do not yet know and enjoy Camel quality, is that you may try them. We invite you to compare Camels with any cigarette made at any price.

R. J. Reynolds Tobacco Co.





"What a charming room!"

Have you ever had guests pay this tribute of admiration to your taste? Does your living room satisfy you—yourself?

There are certain practical limitations which should restrict your selection of a living room wallpaper. Do you know what they are?

You will find these basic principles of in-

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This practical manual was prepared by leading authorities on interior decoration. It discusses wallpapers, room by room, in relation to correct principles of interior decoration. Just fill in your name and address on the coupon and mail with 25 cents in stamps or coin.

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Gentlemen: I	Enclosed is	25 cent	s for	which	send	me
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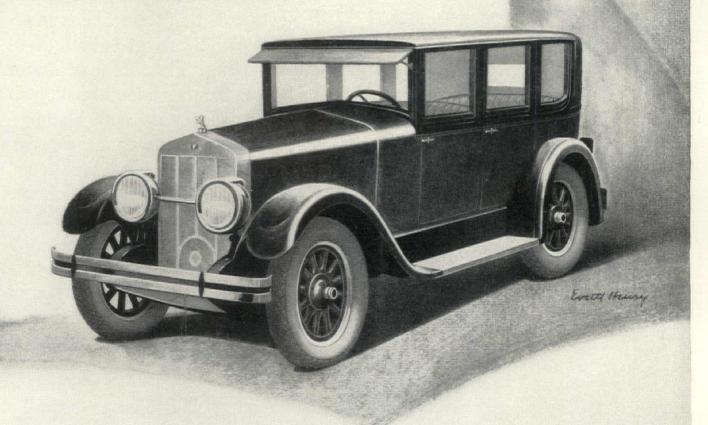
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You, Too, Will Praise Its Superiority

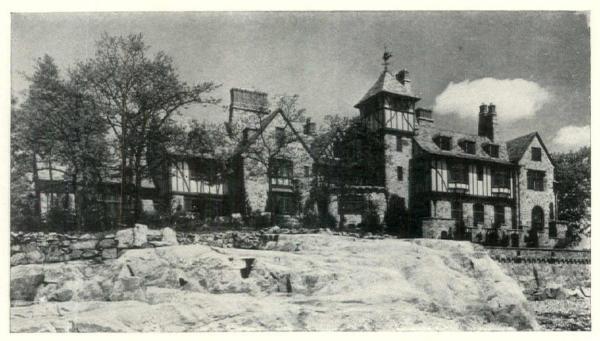
When You Drive the Car

Take this Sedan out, as thousands of others have done, and get a new sensation of automobile comfort-riding, driving, freedom from trouble. Note how little handling you have to do. Note how it takes the bumps and holes that you are accustomed to avoid or slow up for. Note the convenience of its new copper-radiation air-cooling-the greatest step ever taken to simplify the motor car and multiply its usefulness. Note how Franklin power has increased. Note that it is the fastest car over the road. Note that it is the only car having the two qualities necessary to easy-riding: light unsprung weight and flexible construction. The only car having the two qualities necessary to easiest handling: light weight and transmission service brake. The only car that demands no attention, causes no trouble or worry, with its cooling system. The only car, in short, which gives you the maximum of service and satisfaction all the year round.

FRANKLIN AUTOMOBILE COMPANY, SYRACUSE, N. Y.



FRANKLIN



Residence at Greenwich, Conn. Frank P. Whiting, Architect



Flagging slate, which is also produced from our Vermont quarries, is ideal for garden walks and ining. Possessing interesting texture and colorings, it may be cut and laid in an endless variety of sizes, shapes and patterns, used alone or combined effect-We are prepared to supply



Built at the water's edge, the architecture of this residence is in accord with the rugged character of its setting. The roof is of Tudor Stone, the rough texture and soft colorings of this slate blending perfectly with the stone and stucco terior and exterior floor- construction. Q Our Architects' Service Department, under the personal supervision of Mr. Walter McQuade, a practicing ively with brick or tile. architect, will be glad to cooperflagging slate in any quantity, size, and finish, and in a wide range of colors. planning a Tudor Stone Roof.

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

Bising-and-Melson-Slate-Company

NEW YORK

Sales Office and Architects' Service Department: 101 Park Avenue Quarries and Main Office: West Pawlet, Vermont

BOSTON

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and a still

Greater Year to Come

With sales in excess of 250,000 cars, Dodge Brothers, Inc. have just completed the greatest year in their history.

Had it been possible to produce cars in sufficient numbers, their increase over 1924 would have been even more substantial.

This year the production problem has been mastered. A \$10,000,000 expansion program stands completed—and the enormous output of 1925 will be nearly doubled!

Production on this stupendous scale makes possible the astounding low prices announced January 7th.

It makes them possible even though the car is better today than ever before. These are but a few of the vital refinements-

> Rich and attractive new colors. Absolute smoothness of engine operation. A new snap and elasticity of operation throughout. Smart and stylish new body lines. Complete vision from every angle of the sturdy all-steel body.

Dodge Brothers Motor Car has always been an exceptional product. With these refinements, at these new prices, it is withoffered.

out question the greatest value Dodge Brothers have ever

Dodge Brothers, Inc. Detroit DODGE BROTHERS (CANADA) LIMITED

A DODGE BROTHERS / SEDAN AT THIS PRICE.

F. O. B. DETROIT





OF course Char-ley will! Sore as he is at the antiquated wrap-it-up-and-lug-it-out "system" of waste disposal that ruins his wife's days and his own evenings, he realizes it isn't her fault.

He knows now, that if someone hadn't forgotten to include the timetried Kernerator when the house was being erected, there wouldn't be any of these never-ending, irritating trips to garbage can and rubbish pile.

Rest assured, when Charley builds that new home they're planning, the Kernerator will be in the plans—and stay there, no matter how much they have to cut somewhere else.

Costs Nothing to Operate

The Kernerator consists of a brick combustion chamber at the base of your regular chimney in the basement, connecting with hopper doors on floors above. Into these doors is dropped all types of wastegarbage, sweepings, tin cans, broken crockery, old magazines, wilted flowers, etc. An occasional lighting destroys the accu-

mulation, and metallic objects are flamesterllized for removal with the ashes. No oil, coal, wood or gas—the waste itself is fuel for its own destruction.

The Kernerator costs no more than a good radio set. It must be built in when your home is erected, while the radio can be added any time.

Consult your architect or contractor. Both know and recommend the Kernerator. Or write us for complete descriptive literature

KERNER INCINERATOR CO.

724 East Water Street

Milwaukee, Wis.

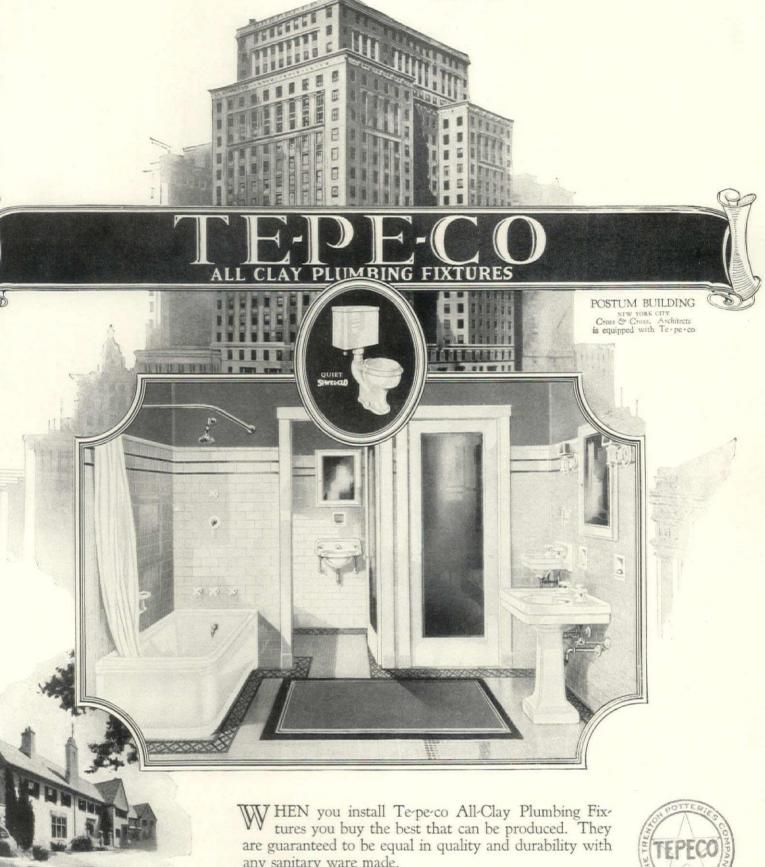


Reg. U. S. Patent Office

Drop all waste here—then
FORGET it!



Garbage Disposal Without Leaving the Kitchen



any sanitary ware made.

Te-pe-co makes and markets but one quality—and that the finest—highly glazed china or porcelain. The price is moderate—varying only because of size and design. Our trade mark is found on all Te-pe-co ware. It is your guarantee that you have received what you specified.



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World's Largest Makers of All-Clay Plumbing Fixtures

is floor plan of the coom pictured above. It to one of a number of el bathroom arranges being shown in our edition of "Bathrooms haracter". This book off the press March and will be mailed for 10 to cover shipping costs.



It is a mistake to think that stair parts must be big to be beautiful. Here you see very slender balusters and a very small newel, yet this Curtisstair (C-900) has exceptional strength, due to the manner in which it is put together. This beautiful stair hall is in the home of Mr. W. G. Barnbart, Upper Arlington, Columbus, Obio; Mr. E. A. Ramsey, Architect.

Beautiful interiors must have beautiful woodwork \ Once in, your woodwork stays \ in to please or displease for life \ \}

We cannot legally prevent imitators from copying our patterns and designs. The law, however, does prevent others from using our trademark. Make sure that the woodwork you buy—sash, doors, moldings or interior woodwork—bears the CURTIS trademark.

Once in your house your woodwork *stays in* to please you or displease you day after day. The *fatal* mistake in building is to forget until you begin to decorate that woodwork of poor taste or ugly character defeats every effort to create harmony and charm.

Woodwork has more decorative value than any other building material. Unless you choose wisely, your home will never have that beauty you want it to have.

Curtis Woodwork is beautiful because workmen of high skill mold selected woods exactly to true designs.

The doors and windows are not only mechanically perfect—they are classic in every line.

The mantels, cabinets and stairwork offer not only everlasting strength but everlasting beauty in addition.

The casings, moldings and panels not only trim the walls and openings, but by the grace and beauty of their lines, they assist your entire scheme of decoration.

Now easy to have beautiful woodwork

Builders of expensive homes have always realized the importance of beautiful woodwork. To be sure of getting it, they employed architects to "detail" it especially for them.

That is no longer necessary. Today builders of homes of all sizes can have beautiful woodwork, too. And they save the extra expense of madeto-order construction. You and your architect or builder can now select appropriate designs from the Curtis dealer's stock or from his Curtis Catalog. These items

are manufactured in advance of your needs. Confine your selections to Curtis sizes and designs, and there will be no errors in production, and no disappointments so common with made-to-order millwork. And every article of Curtis Woodwork is not only of known quality as to design, but is uniformly of the same construction as every other similar article. Because all are

made by one manufacturer, and according to definite standards of construction practices.

You can secure Curtis Woodwork east of the Rockies through lumber dealers who handle the line. Consult our catalog in the Curtis dealer's office. "Curtis Woodwork" (40 pages) contains valuable information. Write for it and for the name of the nearest dealer.

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Curtis Woodwork



CRITTALL Steel Casements

Residence, Grosse Pointe, Michigan Robert O. Derrick, Architect

To this charmingly restful morning room, Crittall Steel Casements bring more than the gift of alluring beauty. Easily adjusted for ventilation, they are entirely accessible for cleaning from the inside. Hand-built to close measurements, they are guaranteed wind and weather-proof without the aid of weatherstrips. Inward opening casements of the type illustrated above may be conveniently screened on the outside. For outward opening windows, special inside screens are available.

A pamphlet illustrating the varied use of Crittall Casements in artistic homes will be mailed on request.

All Crittall Casements and Windows are made of Crittalloy-the Copper-Bearing Steel

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SEVEN-ROOM HOUSE No. 725

Designed for Service Department, American Face Brick Association

Another one of the 120 houses, embracing a wide variety of architectural styles and interior arrangements, shown in our "Face Brick Bungalow and Small House Plans.

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HERE is a look of character and distinction in a beautiful Face Brick house that makes an impressive appeal to most home lovers. It expresses permanence as well as charm. And what surprises many home-builders who investigate Face Brick, is that the savings that come with this permanence—slow depreciation, high resale value, freedom from repairs, a minimum of painting, and lower heating costs and insurance rates—makes the Face Brick house, in the long run, the most economical to own. The facts are fully presented in "The Story of Brick." Sent free.

Send for these booklets:

"The Story of Brick" is an attractive booklet with beautiful illustrations of modern homes, and discusses such matters as Comparative Costs, Basic Requirements in Building, The Extravagance of Cheapness, and kindred subjects. Sent free.

"Face Brick Bungalow and Small House Plans" embrace 120 designs of Face Brick bungalows and small houses. These houses are unusual and distinctive in design, economical to build, and convenient in floor plan. Issued in four booklets, showing 3 to 4-room houses, 5-room houses, 6-room houses, and 7 to 8-room houses. The entire set for one dollar; any one of the books, 25 cents. We can supply complete

working drawings at nominal prices.
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Residence of E. Stanley Wires, Whiting Road, Wellesley Hills, Mass. Roofed with IMPERIAL Hand Roughened Closed Shingle Tiles, half Light Sage Brown and half Dark Sage Brown.

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GIVE that new home you are planning to build the one roof which lasts forever without repairs. Give it the perpetual protection, the enduring color and the air of distinction which tiles alone can impart.

That tiles are virtually everlasting is evidenced by the fact that they frequently are taken from century old structures and used to roof new buildings. When you roof with IMPERIAL Roofing Tiles you choose a roof which will easily outlast your home.

Numerous beautiful color plates of distinctive tile-roofed residences are contained in this elaborate brochure, "The Roof." It may give you many helpful ideas for that home you plan to build. Sent for 25c in coin or stamps to cover postage and handling. Address Ludovici Celadon Co., Room 1130, 104 South Michigan Avenue, Chicago.

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LUDOWICI-CELADON COMPANY

104 South Michigan Avenue - Chicago 565 Fifth Avenue · New York





Quiet, restful bedrooms of distinction and charm

HE serene beauty of this chamber ▲ is inspired by its beds. Early American in spirit, their Graceline moulding achieves a new decorative note. Rare woods are faithfully reproduced in their Forestwood finish. For a lifetime they will endure, ever solid, silent, charming. Such beds as these suggest the entire decorative scheme: sunshine gold taffeta spreads, azure blue silken comforters,

chintz drapes of echoing hues, Japanese prints, and a lamp of porcelain. There are 28 Graceline designs in the new colors and rich wood finishes. All

are most reasonable in price. Any merchant can supply you. See the widest range in stores with a Simmons Sleep Department. Equip yours for sound sleep, with the Ace bedspring, \$19.75*

The best medicine advises Dr. WM. S. WALSH

L E E

"There are very few diseases so serious Wm. S. Walsh, M. D., in his book on "as to require waking up a sick individ give him medicine. Sleep is the best me and unless advised to the contrary, th should be permitted to sleep undisturbed Consider how much more important you is in preserving your health. Through sca research Simmons is building equipment and Beautyrest super-mattress, \$39.50*. rectly induce the soundest, most restful

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of your life is spent in bed

SIMMONS Beds-Springs-Mattresses: Built for Sleep

and BEDROOM FURNITURE

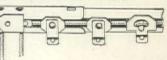


Look for this mark of value before you buy

ig Innovations in rapery Hardware

h has completely revolutionized curtain practice. There are a host clusive improvements, represente first changes of importance in a er of a century. Here are a few of superiorities of Kirsch Cut-to-ure Drapery Hardware and Draw Equipment.

Invisible Draw Cords



ble pulleys—invisible center sup—are Kirsch features that have much approbation. The traverse travel in the groove of the rod. are out of sight and do not mar the

Exquisite Finish

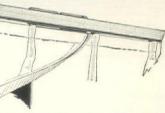
new finish and very beautiful. We t "Statuary Bronze." It blends the woodwork and is exceedingly ked where shades are not desired.

Detachable Draperies



detachable French heading make it easy to hang or take draperies. Kirsch detachable equin stays make it easy to put take down valances or lambre-Kirsch cornice supports make it o put up or take down cornices.

erlapping Draw Curtains



has worked out the vexing probf overlapping draw curtains by ting a master traverse slide, permits drawing the curtains an overlap of four inches.

Easy Operation

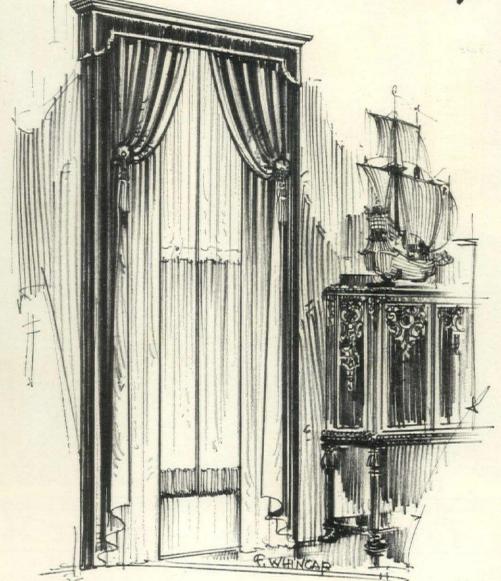
bly the most gratifying feature of the smooth, easy operation of the curtains, and it makes no differwhether the materials are heavy it.

Other Good Features

only in Kirsch "Cut-to-Measure" ware are: Simplicity; the large y of combinations made possible minimum number of units. The kind of a rod can be used for a re track and for draw curtains recessed window. "No knot" r slides and rings do away with or untying complicated knots. ne is complete—and it is easy to with.

escribed in "Distinctive Draping," Kirsch Book of Window Draping uxe." Send 10 cents for a copy.

Now! Draw Curtains That Work Easily



Kirsch

CUT-TO-MEASURE DRAPERY HARDWARE

MPORTANT developments have taken place in window draping procedure. After years of developing and perfecting, Kirsch has introduced an advanced type of drapery hardware that enhances the beauty and utility of the draperies far beyond present standards. A few of the superior features are suggested at the left.

Write for "Distinctive Draping" The Kirsch Book of Window Draping De Luxe

Illustrates in colors the charming drapery effects made possible by Kirsch Cut-to-Measure Drapery Hardware and Draw Cord Equipment. You and your decorator will find it of most practical aid in planning and hanging the draperies for your home. Mailed on receipt of 10 cents. We also publish "Modern Draping"—a complete and comprehensive book of 160 pages, covering the whole subject of up-to-date window draping. This is an exceptional book—prepared for limited circulation—and mailed on receipt of \$5.

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And they're friendly window.



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YOU can enjoy a daylighted basement in the home you've planned, if you see to it that Fenestra Basement Windows are installed. They admit 80% more light than wood windows of the same size, open easily, shut tightly, and cannot wear out. Your lumber or building supply dealer has them in stock—ready to deliver at once.

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PERHAPSit is because so much more light can enter—or perhaps it is the striking beauty of the slender muntins and small glass panes that gives a home with Fenestra Casement Windows an added charm, a cheerful, sunny coziness.

These better steel windows for modern homes always work easily. They are cleaned from the *inside*. Opened, they ventilate

exactly as you like—and if there's a breeze they'll bring it in. Closed, Fenestra Casements are weather-tight—cannot warp or stick or rattle.

With all these advantages, Fenestra costs no more than ordinary windows. Your architect and builder can supply you locally when you build.

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homes and apartments schools and institutions commercial buildings all industrial structures

ecoration Background both!

LOOR should be two things in a modern home. a thing of beauty in itself, to facarefully thought-out me of room decoration. Indiabackground for beautimentshings, such as rugs, ture, hangings,—harmonall, and giving dignity and ity to the whole.

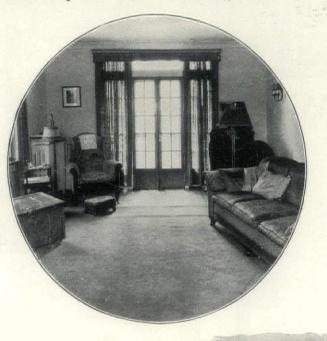
Inherent beauty

is label earsonall idles of uce Oak oring.

re's own artistry, expressed aracteristic oak graining, he flash of quartered rays, is emphasized in dancing light and shade, and made permanent in Bruce oak flooring.

The right foundation

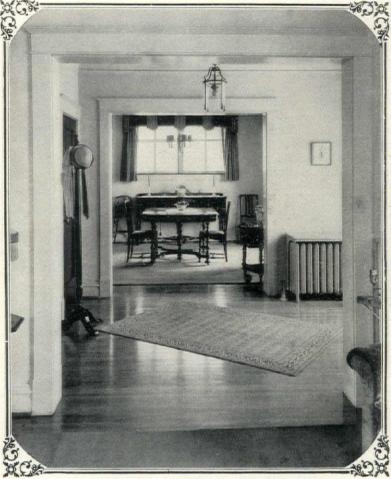
In either natural coloration, or modern color finishes, to conform to room appointments, Bruce Oak flooring is the correct background for Orientals. Harmony is at once established, and the effect of the interior immediately enriched. Let us tell you about the beauty, comfort, and economy of Bruce oak floors.



Bruce oak flooring, and Bruce "Ceda'line", aromatic Tennessee codar lining for clothes closets, are sold nationally through lumber dealers everywhere.



These views show the exterior and interior rooms in the home of M. E. Meecham, President Goodfellow Lumber Co., St. Louis, Mo. Walter Rielau, St. Louis, Flooring Contractor.



There is a grade of Bruce Oak Flooring to come within the estimate set for each room. All grades are equally sound and enduring.



HIS book tells you about the convenience, economy and attractiveness of Bruce oak flooring. The ease with which it may be kept clean and bright; the enduring qualities; the increased value added to your home; appropriate use of various grades and widths, with practical suggestions for different rooms; distinctive effects which may be obtained from color finishes. 24 pages of interesting facts, fully illustrated. Write today for your free copy.

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What is it worth to be certain

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What is it worth to avoid sore disappointments—defects discovered too late to be corrected except at great expense?

What is the real cause of these faults supposedly due to poor construction? Carelessness in selecting materials! Failure to insist upon products of known reputation, known value, known dependability.

Experienced home owners and builders don't guess. They test and compare—and then select their materials.

When you build or remodel, investigate Beaver products for walls, for roofs. Test and compare them. Satisfy yourself thoroughly on every point of their superiority. See why they build walls that are more beautiful and enduring—roofs that stay sealed and retain their beauty.

For really satisfactory remodeling, and many miscellaneous uses, select

Beaver Fibre Wall Board

You know this famous product. It has earned the position of leadership it maintains among fibre wall boards. Test it for greater durability and strength. See how much easier it takes decoration. Compare it as an insulator against heat, cold and sound. You can easily identify genuine Beaver Wall Board by the Red Beaver Border on every panel. Send for sample and literature. Address Dept. 1203.

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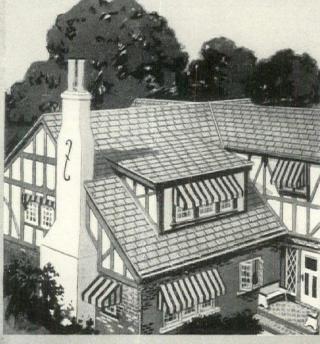
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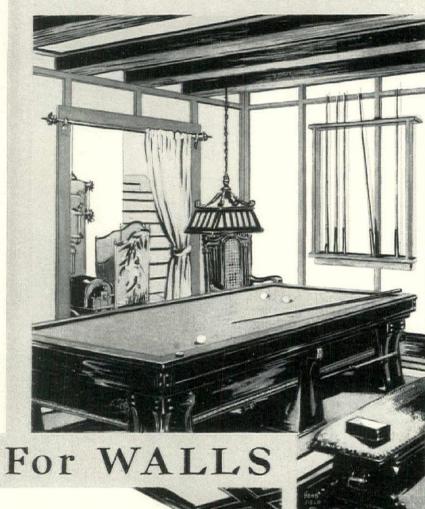
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BEAVER BESTWALL BUILDS MORE BEAUTIFUL AND DURABLE WALLS THAN ORDINARY PLASTER WALL BOARDS



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HEAT your home with gas. Change to a heating plant that needs "no more care or attention than a pup can give it."

In almost all localities, gas rates are sufficiently low to bring the wonderful convenience of this ideal fuel well within reach of most home owners—when burned with the efficiency of a properly designed gas heating plant.

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BRYANT HEATING for Hot Water, Steam Vapor and Warm Air



Excellence of manufacture is an important consideration for buyers of oak flooring. Long-Bell production of trademarked oak flooring assures a minimum cost in laying and finishing oak floors, and gives a beautiful, durable floor.

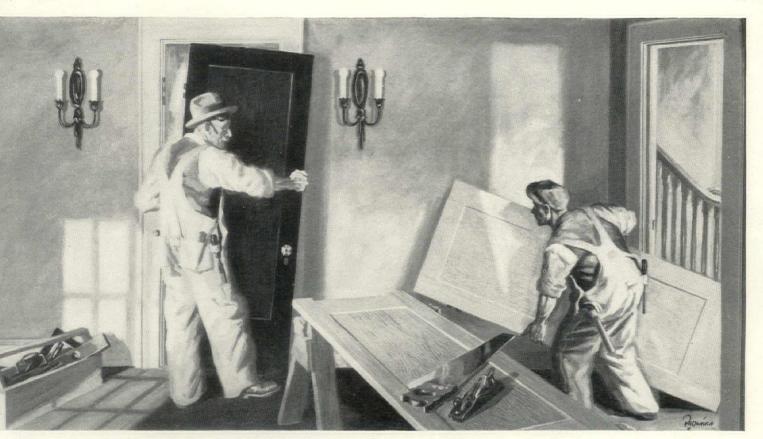
To Shippers

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KNOW THE LUMBER Y O U B U Y



e had to replace 14 doors in one house cause it was closed up while damp"

S, that was one experience we had with cors splitting," wrote Myers Brothers, g contractors of Los Angeles. "The house up in damp weather. When the sun it is split all fourteen doors."

Brothers' experience has been echoed time in by the entire building and architectural on, according to reports received from all f the United States. Practically every knows the annoyance of common door the nuisance and cost of repairing lacing.

tasperating when a door cannot open; or t close—when it warps or winds, and if never made to fit. Usually the cause ness, or different temperatures on each side

s soaking test as originrof. Bror L. Grondal, st Laminex is unaffectture. Under this senst, repeated in all parts try, no Laminex doors warped or come apart.



of door...bathrooms, kitchen and closet doors for instance.

Carpenters are not to blame. It's natural for ordinary wood to warp. Science shows that wood contains tiny cells, or tracheids. These never change in length; but with heat, cold and moisture they shrink and swell in width, causing warping. It is this characteristic of wood that Laminex construction overcomes.

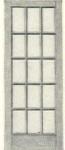
Avoid door troubles by installing Laminex

In Laminex doors, the upright stiles and cross rails are built on a core interlocking blocks with the grain crossed in adjoining sections. All parts including the plywood panels are welded with Laminex waterproof cement; then placed under tremendous hydraulic pressure for 24 hours.

There is only one door that'll give Laminex results—that's Laminex! Carried in stock by leading millwork and lumber merchants in popular design. Look for the replacement guarantee label and brand on end of door. Mail the coupon for literature and sample of Laminex wood. Sales Offices: New York, Chicago, Memphis, Los Angeles, San Francisco, Spokane. Foreign: Woco Door Co., London: E. J. Van de Ven, Paris: Paul Solari & Co., Genoa.

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Coral Gables property has been steadily rising in value. Some of it has shown a 100 per cent increase every year. Yet building plots in Coral Gables may now be secured by a moderate initial payment. These plots, for homes or businesses, are offered in a wide range of prices, which include all improvements such as streets, street

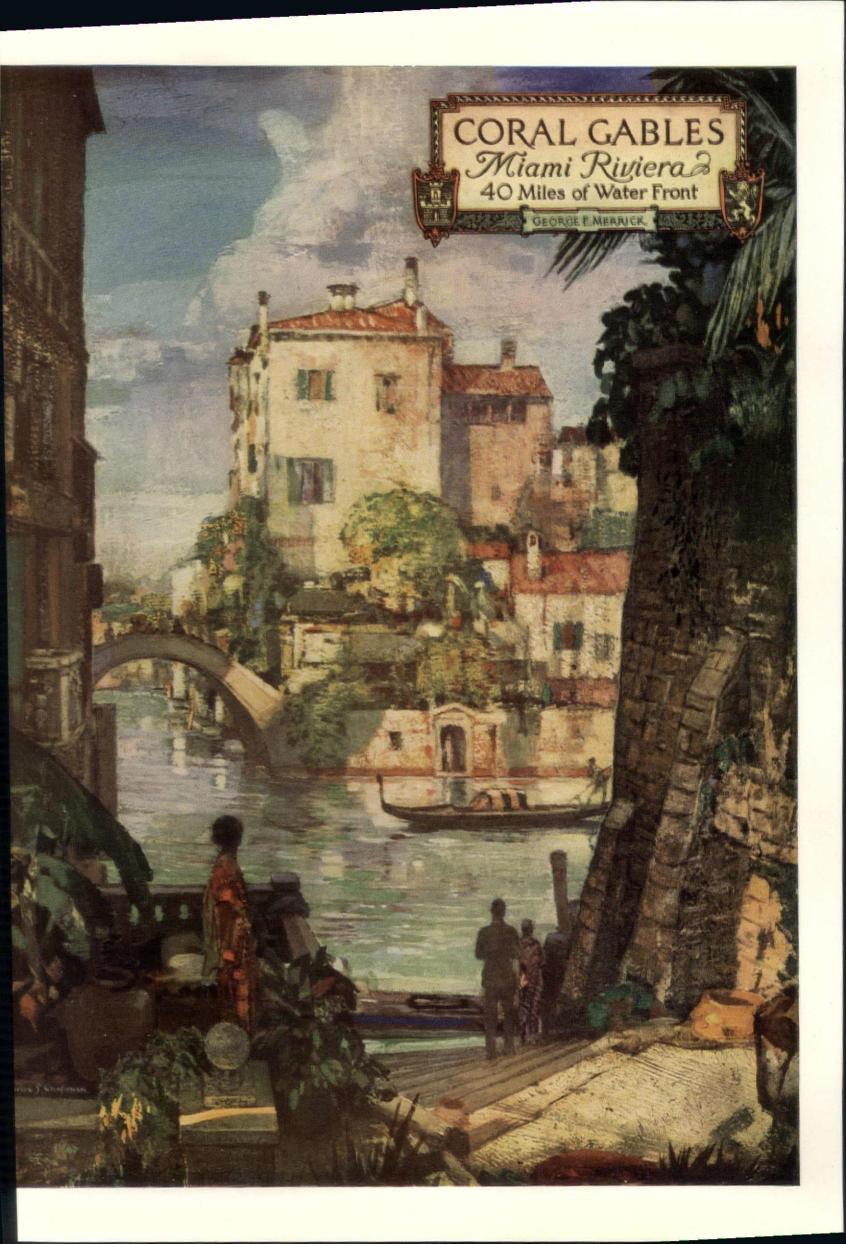
lighting, electricity and water. Twenty per cent is required in cash, the balance be distributed over a period of three

The Facts About Coral Gables
Coral Gables is a city, adjoining the c
Miami itself. It is incorporated, with a
mission form of government. It is b
restricted. It occupies about 10,000
of high, well-drained land. It is four
old. It has 150 miles of wide paved s
and boulevards. It has seven hotels
pleted or under construction. It ha
miles of white-way lighting and 50 mi
intersectional street lighting. It has
miles of beach frontage. Two golf co
are now completed, two more are buil
A theatre, two country clubs, a mi
academy, public schools, and the Co
for Young Women of the Sisters of
Joseph are now in actual use. More tha
thousand homes have already been ere
another thousand now under construct
More than fifty million dollars have
expended in development work. Addit
plans call for at least twice that am
More than one hundred million dollars v
of property has been bought in Coral Ga
Mr. John McEntee Bowman is now b

Mr. John McEntee Bowman is now to ing the ten-million-dollar hotel, country and bathing casino in Coral Gables of known as the Miami-Biltmore Group. Miami-Biltmore Hotel was opened January, 1926. Coral Gables will also couthese buildings and improvements, a which will be completed within a few y

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dren doubled up. Privacy was time abandoned; occasionally was embarrassment.

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rs the old attic, uncomfortable mer and winter, cluttered with lated odds and ends, was the of their problem, and they ealized it. Then they heard of ite, the tried and better wall-and found that at slight expense, without muss, the attic could be ed into a delightfully attractive oom or two, just the space to relieve the situation.

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WHILE March is primarily the time of year to begin thinking about the summer garden, it is also an excellent month in which to plan the refurbishing of the country house. Many of the new spring chintzes are now available, as well as the thin glass curtain materials. Wall paper manufacturers are offering refreshing papers suitable for country house interiors, and the shops specializing in porch and garden furniture have some tempting new pieces for the woman who likes to have everything in readiness by the first of April. Designers of decorative articles such as lamps, shades, pillows, scrap baskets, etc. show amazing ingenuity in creating new designs in keeping with the festivity of the season. Which all goes to prove that any changes to be made in the furnishings of the summer house should be made now in order to avoid delay and confusion later on.



N planning the decoration of a room the question of the floor treatment is frequently left to the last. This method often results in an unbalanced appearance, whereas if the floor had been considered at the same time as the rest of the furnishings, a restful, pleasing interior would be the result. As there are almost as many types of floor coverings these days as there are kinds of rooms, this section of an interior should be as carefully thought out as are the curtains, wall coverings and furniture.



'N an old house furnished with early pine and maple pieces the floors, provided they are in sufficiently good condition, can be painted some arresting color and covered with hooked rugs. In a Colonial dining room with a gray scenic paper the woodwork might be painted apple green and the floors done in a deeper leaf green. Additional colors such as mulberry, mauve and yellow can be introduced in the curtains and chair coverings. Or the floor in a small morning room might be painted a rich plum color as a background for vari-colored hooked rugs. Here the walls and woodwork should be a pinkish-yellow and curtains of chintz in plum, copper, yellow and green. With schemes such as these the floor becomes a vital part of the decoration of the room instead of one of its most generally neglected features.



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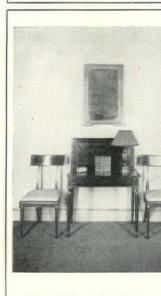
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DESIGNED primarily for sun porches and breakfast rooms is a new inlaid linoleum made to resemble embossed handcraft tiles. The patterns in this decorative type of flooring do not repeat regularly, figured tiles being spotted among plain tiles at irregular intervals, with the mortar joints between each tile slightly depressed so as to catch the light. Many of the patterns are carried out in brilliant colors—such hues, for instance, as rich, deep red, green, light brown and a clear, medium blue. The use of two or more shades in each pattern results in a soft, uneven appearance so desirable in a tile flooring of this kind. In addition to sun porches and breakfast rooms, this tile linoleum is adaptable to dining rooms in a house done in the Spanish or Italian manner. This and the other patterns described above are made by the Armstrong Cork Company.



As rugs have so much to do with the general apearance of a room they should be planned for at the same time as the wall coverings and furniture. If the walls are plain, either painted or paneled, a strongly patterned rug is permissible. If, on the contrary, there is a great deal of design in either the background or the upholstery fabrics, a plain floor covering is advisable in order not to conflict with the other furnishings. Plain Wilton carpeting made into rugs makes an excellent floor covering as it comes in such a wide range of colors. More interesting than the neutral tan, taupe and gray shades are such hues as egg plant, prune, reseda and blue-green, burgundy, sapphire and a deep, tawny yellow.



IN the matter of a patterned rug nothing is so satisfactory for certain types of interiors as a fine Oriental. A living room, for instance, paneled in old pine, needs the interest of some compelling design on account of the neutral effect of the background. Here an Oriental rug is advisable because of its interesting figures and vigorous colors. Libraries also require a dignified type of floor covering and one with color values in keeping with the strong tones in the book bindings. A hall, too, is an excellent place to use a rug of this kind as there is so frequently little of interest in the way of furniture and accessories.

A Reminder

Felicia Adams-who knows how quickly summer dawns on the calendar, once March is herewould like to remind her present and possible clients that now is the time to arrange for the summer decorations of their homes. Else, on some blue day, they will find the warm sun shining-intolerably-on a house still wearing last winter's raiment.

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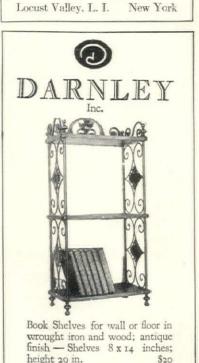
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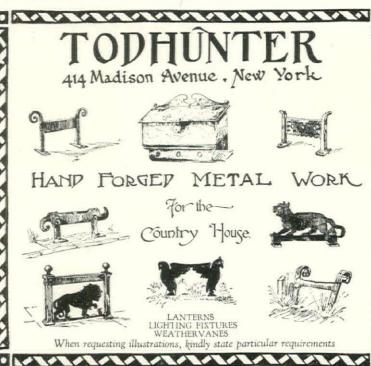
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NE of the most satisfactory treatments for the old floors in a country house is linoleum. If a plain effect is desired, there are plain linoleums in such colors as light and medium brown, green, light and dark gray, a lovely sapphire blue, and black. When waxed, this practical type of flooring presents a rich, dignified appearance and makes an excellent background for both plain and figured rugs. The jaspé effects-a design with a twotone ripple pattern-come in gray, light and dark brown, blue and a soft, reseda green.

FOR the splintery wood floors in the bedroom of an old house this jaspé linoleum is recommended for its practical, durable qualities and lovely color value. The slight mottled effect of the design in no way interferes with the use of brightly patterned chintz or figured wall paper, and the wide range of colors available makes possible many schemes of decoration. If the curtains or walls are rich in color value, then a linoleum in one of the neutral tans or grays should be chosen; if, however, the room is cold and lacking in definite color accent, a more dominant huc such as blue, green or a warm brown should be used. Waxing is the proper treatment for plain and jaspé linoleum as it preserves the surface as well as enriches the effect.





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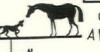
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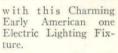
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WHEN an Oriental rug is out of the question, a fine domestic figured rug is recommended for such interiors as need a patterned floor covering. Dining rooms and halls require a rug with enough design in to prevent every foot print from showing. Children's rooms and bedrooms also need a practical floor covering-a rug or carpet with a small, all-over pattern in some soft neutral shade. Faithful reproductions of well-known Oriental patterns are available in fine-quality domestic rugs, in addition to lattice, checked and floral designs suitable to country house bedrooms, dining rooms and morning rooms.



FOR halls, vestibules and breakfast rooms there are interesting inlaid linoleums in marbleized block designs. This is one of the finest types of floor covering as it is quiet, non-slippery, soft to walk on and easy to keep clean. In addition, it is unusually effective,-its striking block patterns giving color and variety to the rooms in which they are used. The blocks in these marbleized patterns come in three sizes—six, nine and twelve inches. Seven interesting designs are offered including a new pattern of six inch blocks of solid black alternated with marbled brown. The gayest is a marbled design of nine inch squares in soft, medium green alternating with blocks in beige color.



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HE tendency in decoration during the past few years has THE tendency in decoration during the passes been towards plain, undecorated surfaces. Paneled walls, plain rugs, and furniture done in fabrics devoid of any striking design were preferred to figured backgrounds and patterned materials. It was a lazy form of decoration, people finding it easier to plan a room with neutral colors and plain surfaces than to struggle with the problem of design as well as color. Now, however, owing to the awakening of interest in both form and color, we de-





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mand the shock of some compelling pattern in the background as well as some dominant hue in the furniture or window hangings. HIS all accounts for the growing interest in wall papers. Manufacturers are resurrecting old patterns and artists are constantly offering new designs, with the result that there are on the market today papers suitable to practically any type of decoration. The widespread regard for early American furnishings has brought to light all kinds of decorative papers. Nothing is more delightful in a wide, Colonial type of hall, for instance, than a

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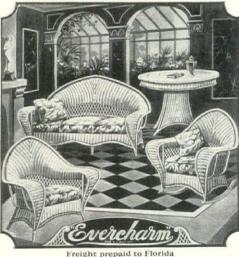
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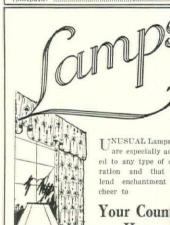
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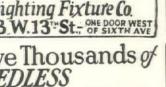
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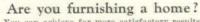
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This is what rust can do to a cheap water pipe a cheap water pipe may do to your home can eascertained by costly experiment. But is the ement worth the price?



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How we reduced our cost of heating

A YEAR ago our heating problem came to a head. The house was never comfortable. Our coal bills were fit subject for a nightmare.

"I went to a friend of mine who is an engineer; told him the situation and asked his advice. He said, 'Speaking as an engineer, I'll tell you that in my experience (and I've had a lot of experience) your cost of heating depends upon the amount of heat you get out of the fuel you burn, which depends upon the efficiency of your boiler. And the efficiency of your boiler depends upon its Fire Surface and its Rating. The only definite and practical way I know of to cut down your heating costs is to install a boiler that has enough Fire Surface and a scientifically correct Rating.

'His suggestion evidently involved ripping out the old boiler and installing a new one. I asked if there wasn't a less drastic method.

"Could I save money with an oil burner?"

" 'No,' he replied, 'you couldn't. If a boiler is inefficient when coal is burned in it, its inefficiency will be still greater when you burn oil in it. It is true that an undersized, over-rated boiler (such as yours evidently is), can be made to heat a house with an oil burner, but only at tremendous waste. It works this way. With an oil burner, you get more perfect combustion than you do with coal. You get a far more intense heat. As your present boiler cannot handle the heat from coal efficiently, how can it be expected to handle the greater heat from oil?"

"Then if I'm in for a replacement job," I asked,

"What boiler do you recommend?"

"'I RECOMMEND an H. B. Smith Boiler,' he replied. 'The

H. B. Smith Company was the Pioneer of the Boiler Industry, and was the first to establish scientifically the facts about Fire Surface and Rating-the key to boiler efficiency. I justify the immediate expense on the basis that, during its long life, an H. B. Smith Boiler will save, in fuel, its own cost many times.

" 'Don't take my word for it. Do a little investigating on your own part. I didn't arrive at my opinion blindly, I assure you. I first sent a couple of my men around to investigate local installations of H. B. Smith Boilers. They found, briefly, that the facts checked up with the theories.

"I did investigate. I found his statements amply justified. When spring came, I had the old boiler ripped out and a Smith installed in its place. It was one of the best moves I ever made. The house is always comfortable now, no matter how cold the weather is. And I am already aware from the condition of my coal bin, that we are making a material saving in coal.

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A Mississippi Packet brought to this old plantation a shipment of Byers Pipe

BOUT twenty miles above New Orleans, on the east bank of the Mississippi, stood the old plantation home of the Destrehans. Surrounding it, all the way from levee back to the swamps, were waving fields of sugar cane.

In 1878 a packet boat brought to this plantation a shipment of Byers Pipe which had come down the river from Pittsburgh.

The year was a memorable one in those parts, for the Mississippi Delta was swept by a terrifying epidemic of yellow fever. The cabin of the boat which brought the pipe presented a ghastly spectacle, for it was cluttered with the corpses of fever victims who had died on the way from Memphis.

In this cabin, the plantation manager receipted for the pipe and proceeded to install it for supplying water from the river to the sugar factory, half a mile distant.

The pipe remained in the moist loam for forty years. When dug out in 1918, the scene had greatly changed. The cane fields were gone. A modern petroleum refinery had replaced the old sugar factory, burned to the ground in 1912. But the pipe was still good. It had suffered so little from corrosion that

every foot of it was salvaged for use about the new refinery.

In every city, throughout the land, there are residences and business buildings in which Byers Pipe has served for plumbing, heating, steam and other purposes for upwards of 40 years. Invariably, the pipe in these buildings is found in such excellent condition as to evoke astonished comments from everybody who has had experience with less rustresisting pipe made by modern cheapening processes.

Byers Pipe now, as 50 years ago, is made of old-fashioned genuine wrought iron which has become famous for its great resistance to rust. This pipe, black or galvanized, when installed in residences, may be depended on to last for generations to come. Cheaper pipe is of doubtful life. More expensive pipe will not serve better.

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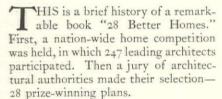




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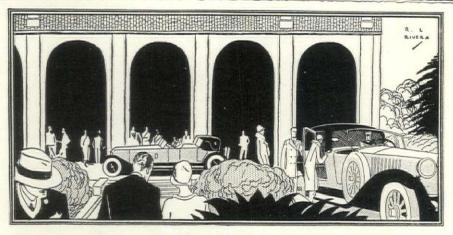
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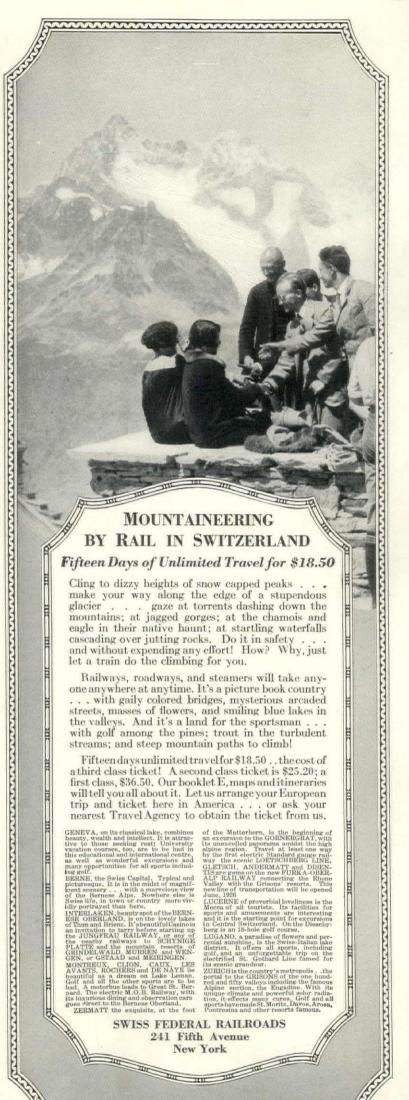
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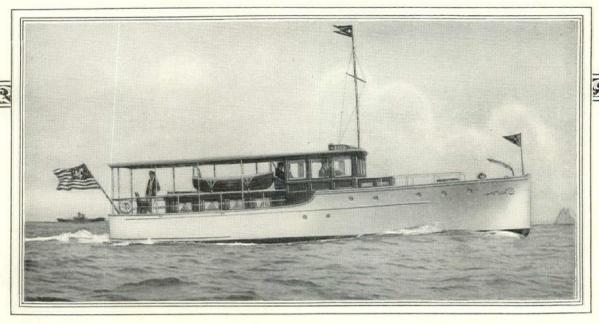
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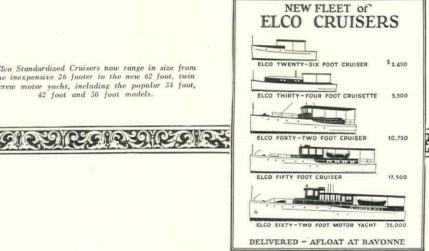
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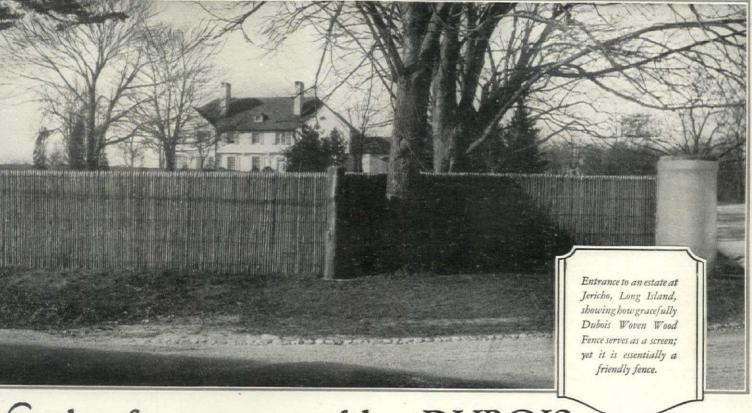
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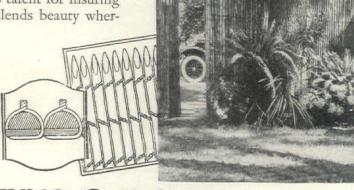
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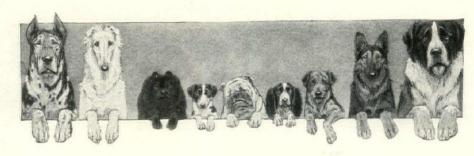
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HE dog that has learned to "sit up" or "beg" usually I finds it easy to master the "dance" trick, for the transition from one to the other is simple. In acquiring the former, he grows accustomed to an upright body position. To become proficient in the latter, about all he needs to do is rise from his haunches to his hind feet. Teach him to "beg," therefore, before you start in to make him a proficient terpsichorean performer.

"Dance" is best tried when the dog is in good spirits and, preferably, a little hungry. First, you try to induce him to stand on his hind feet by snapping your fingers just over him and urging him encouragingly to "dance!" If he won't do it, take a scrap of meat or some other favorite food, take it in your hand so that he can smell but not get it, and then entice him to stand by holding it where he can just reach it. Do not let him take the tidbit from you; the idea is to use it merely as a bait to persuade him to assume the desired position. Incidentally, this is one of the few occasions on which food should be used as an incentive in dog training.

Do not try to make your pupil take actual steps until he has learned to stand when the order "dance" is given. Once this stage has been reached, it will be easy enough to make him circle about if you simply move your hand around and about just out of his reach. The main thing is to attract his attention to this hand, and hold it.



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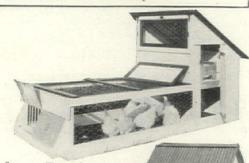
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ERE is an exceptionally fine modern adaptation of the New England Colonial style-dignified and beautiful on the exterior, roomy, convenient and livable on the inside.

Its straightforward lines make it an economical house to build, and place it well within the means of the average homebuilder.

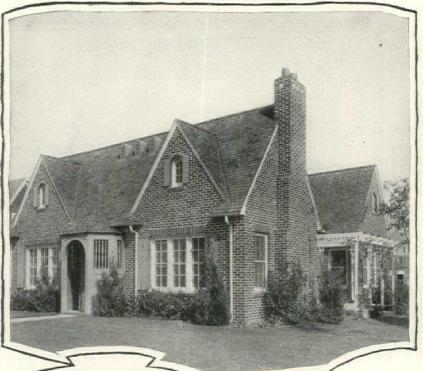
Note particularly the ample size of the rooms on both first and second floors, and the splendid arrangement of the rooms, which makes all the parts of the house easily accessible from every other part.

As the largest lumber manufacturers in the country Weyerhaeuser Forest Products has been searching for years for just such houses as this to assist prospective home owners in getting full value for their money.

If you like this house send \$15.00 for a complete set of working drawings from which you can take bids and build this home just as shown.

Or, if you would like to look over the 12 houses in this series, a portfolio of illustrations will be mailed postpaid on receipt of 25 cents.

WEYERHAEUSER FOREST PRODUCTS 813 Merchants Nat. Bk. Bldg. - Saint Paul, Minn.









Hollow Tile

is available everywhere. Write to the manufacturer located nearest you.

ALABAMA
Alabama Brick and Tile Co., Decatur
Jenkins Brick Co., Montgomery
Vulcan Tile & Brick Co., Birmingham
CALIFORNIA
Gladding McBean & Co., 660 Market St., San
Francisco

Alabama Brick Co., Montgomery
Vulcan Tile & Brick Co., Birmingham

GALIFORNIA

Gladding McBean & Co., 660 Market St., San
Francisco
Los Angeles Pressed Brick Co., Los Angeles
COLORADO

Longmont Brick & Tile Co., Longmont
GEORGIA

Columbus Brick & Tile Co., Columbus
Georgia-Carolina Brick Co., Augusta
Standard Brick and Tile Co., Macon

Chicago Fire Brick Co., Columbus
Georgia-Carolina Go., Columbus
Hallsewer Pipe & Stoneware Co., Macomb
Haeger Brick & Tile Co., Peoria
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White Hall Sewer Pipe & Stoneware Co., White Hall
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National Fireproofing Co., Findlay
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Why the Authorities Say:

"Build a Hollow Tile House"

'HE reason is clearly expressed in these four words: Beauty - Comfort-Permanence—Economy, the inherent qualities of Hollow Tile construction

Beauty is achieved by architectural design and an exterior which blends perfectly into the background, creating the outward charm. The exterior may be Face Tile with its wonderful range of color tones or Stucco (alone or in combination), or face brick veneer.

Nothing excels Hollow Tile in housing comfort. Exceptional insulation being provided against heat, cold and moisture, thus making the Hollow Tile home cooler in summer, warmer in winter and promoting ideal health conditions.

The quality of permanence in Hollow Tile construction insures and maintains the highest investment, loan and resale values. Hollow Tile walls are fireproof and they will not sag, warp, crack, decay or disintegrate in any way. A Ho low Tile home will serve generation after gen

Economy starts with construction. The largunits of tile save in labor, material and i speeding up construction. The after costs ar amazingly low as depreciation is practically eliminated. There are no repairs and repainting is for trim only, so maintenance is the minimum. Heat ing cost is reduced about 25%. A Hollow Til home is the most economical to build and to own

Hollow Tile is also manufactured for part tions and floors and is the preferred buildin material for all types of public or commercia structures, and is ideal for country home, clul and farm buildings.

A booklet, "Hollow Tile for the Home," will be sent postpaid upon receipt of 25c. Address

Hollow Building Tile Association, Conway Building, Chicago

Hollow Tile

The Most Economical Form of Permanent Construction

Hollow Building Tile Association, Conway Building, Chicago									
Enclosed find 25c for which p	please send me your bookle	t, "Hollow Tile for the Home	e." I am intereste	ed in building:					
☐ Residence ☐ Factory ☐ S		re							

Address.



hese floors reflect Nature's matchless beauty

THEY are made of Ritter Appalachian Oak Flooring which is manufactured exclusively of lumber produced from slow growing trees.

Slow growth is Nature's method of imparting the fine grain, even texture and uniform color which are the basis of the superior beauty in these floors.

Such trees are found in the Appalachian Highlands where ideal conditions of climate, soil and drainage combine to insure the uniform growth which Nature requires to do its perfect work.

You can secure the desired dignity, refinement and elegance in your floors by specifying Ritter Appalachian Oak Flooring for your new home or for the remodeling job.

Note to Architects — In the standard rules for grading Oak Flooring, consideration is given to such imperfections as knots, worm holes, sap, splits, and similar defects, but consideration is not given to grain, texture or color. Therefore, to be assured of beautiful Oak floors, it is necessarian.

sary, in addition to specifying the grade desired, to also specify that the flooring ordered must be manufactured from Appalachian Highland Oak. The easiest and surest way of securing a satisfactorily finished floor is to insist on Ritter Appalachian Oak Flooring.

W. M. RITTER LUMBER COMPANY

Appalachian Lumbermen since 1890 General Offices: Columbus, Ohio





Illustrations show the effect of timber growth upon flooring. Fast growth causes wide annular growth rings (a) which in turn produce the coarse grain (b). This is typical of much inferior Oak flooring. (Fig. 1)



Fig. 1



On the other hand, slow growth, which depends on favorable climatic, soil and drainage conditions, results in close annular growth rings (c), which produce fine, even grain (d), typical of all Ritter Appalachian Oak Flooring, (Fig. 2)

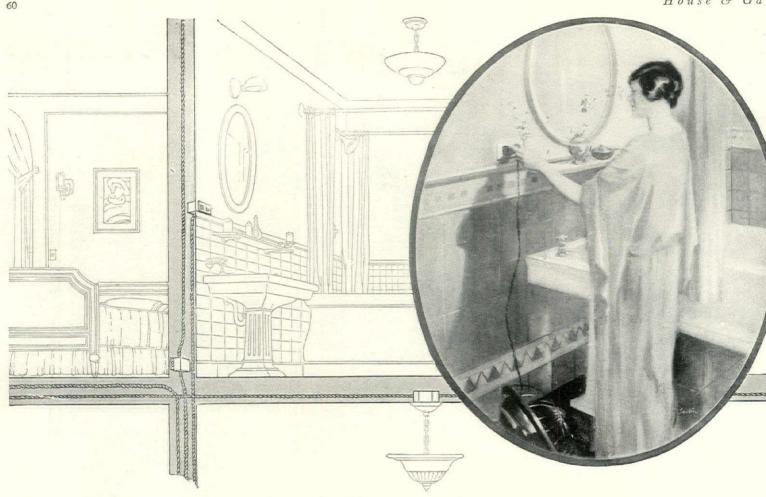


Fig. 2



A booklet explaining and illustrating in detail the superiorities of flooring made from Appalachian Highland Lumber sent on request.

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	W. M. Ritter Lumber Company Department 14, Columbus, Ohio Please send illustrated booklet advertised in House & Garden.	
1	Name	
١	Street	
	CityState	
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Under the floorboards and inside the walls

The G-E Wiring System is a system of housewiring embodying adequate outlets, conveniently controlled, and using G-E materials throughout.

Merchandise Department General Electric Company Bridgeport, Connecticut

For a glow of warmth on a cool morning, just plug in the electric heater. For a flood of light in a room-flip a switch at the door as you come in. Plenty of outlets, and lights well arranged make a tremendous difference in a home. And good wiring inside the walls is just as important as convenience on the surface.

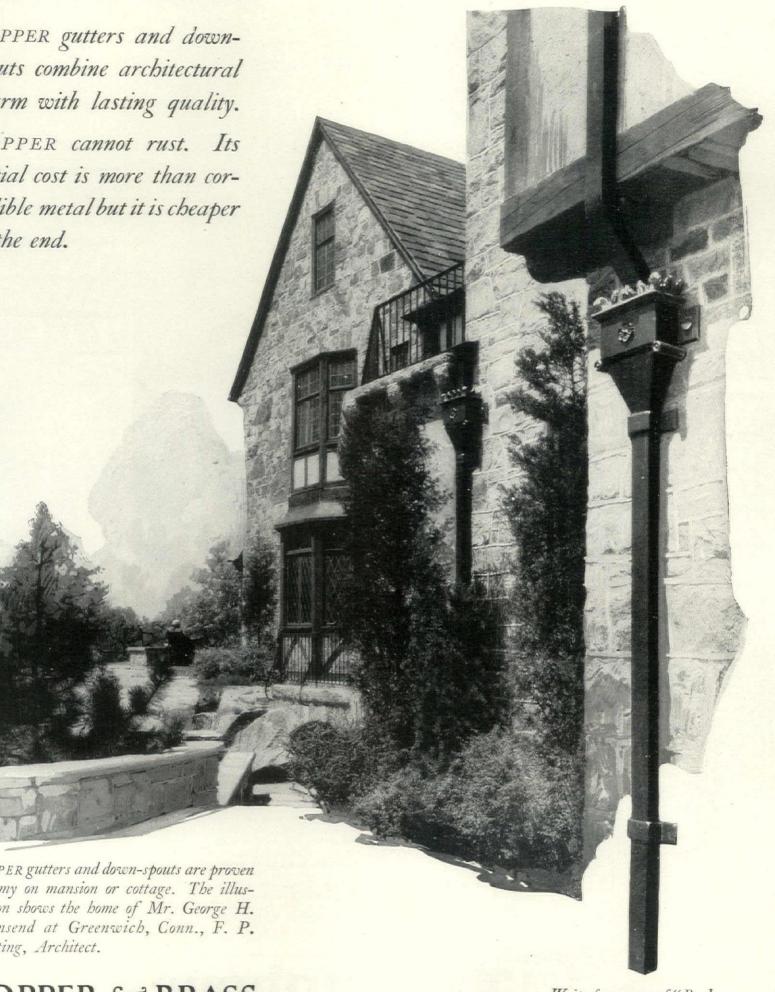
Wise planning of an electrical installation is easy today. General Electric engineers have worked out a standardized wiring system and leading architects have helped to design it. Now the least experienced home-builder has the best wiring plans at his command. And the builder wise with years of experience is using the very same plans -specifying the G-E Wiring System. It is a very simple way to be sure that your electrical installation is fully adequate for comfort, and that the wiring under the floorboards and inside the walls is of highest quality—all made and guaranteed by General Electric.

VIRING SYSTEM

-for lifetime service

GENERAL ELECTRIC

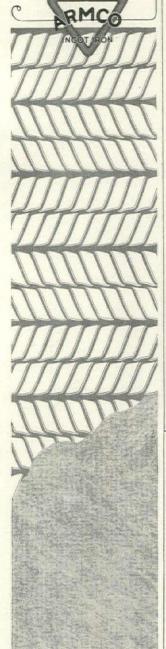
Good Taste and Sound Investment



OPPER & BRASS ESEARCH ASSOCIATION

25 Broadway, New York

Write for a copy of "Real Roofings," for which there is no charge This company has the exclusive right to use the famous Armoo Ingot Iron in the manufacture of Metal Lath. GF Hertingbone is the only Metal Lath in which you have the extra assurance of Armoo Ingot Iron quality and durability.





Your Walls and Ceilings can be of Everlasting Beauty, too—

OU can always have the most complete assurance that the plastered walls and ceilings of your home will continue to remain permanently beautiful if you use GF Herringbone Armco Metal Lath.

This Metal Lath has been specially developed to provide a secure, firm foundation for plaster. This is of fundamental importance because the walls and ceilings represent eighty percent of the home interior. Furthermore, the majority of fine interiors achieve their distinctive quality through beautiful plaster effects that add so much to the attractiveness of the modern home.

You can preserve indefinitely the unique and attractive plaster finishes of the present day—you can insure against ugly cracks, defacing lath marks and streaking by seeing that Herringbone Metal Lath is behind every wall and ceiling. Then, too, you will have the comforting realization that the walls of your home will continue year after year to reflect your good taste and careful judgment.

Write for our attractive free booklet. We would also like to tell you how rigid, non-shrinking GF Steel Joists aid in preserving wall beauty.

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Branches and Sales Agencies in Principal Cities



The General Fiproofing Building Products is a member of the Nation Council for Bett Plastering, an assolution formed spread information the attainment Better Plasterit through the use Metal Lath.

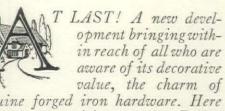
B A S

BETTER



T LAST -- FORGED IRON HARDWARE FOR EVERY HOME

Authentic designs with all necessary units - Accurately gauged for application -Available through Builders' Hardware merchants at surprisingly reasonable prices



units comprising complete Period as well as individual designs of tanding importance. Homes may be outfitted from hinges to shutter with veritable forged iron pieces. thorough knowledge of practical ders' hardware requirements posed by the makers of the famous Kinney Hinges has been combined master craftsmanship. At one , all problems of application have eliminated. And best of all, this Forged Iron Hardware is being e available at reasonable prices ugh the regular merchants hang builders' hardware. Architects have been notified, and provided all necessary information.

Why hasn't some large manufacturer national distribution done this be"The answer is simple. Difficulties tremendous. It has taken McKinney iod of many, many months, necessi-a vast amount of research in preg essential designs, and involved the duction of numerous new methods of

e result is to make universally availthese marvelous replicas of old-time icraft. They will be known as

haps the most interesting facts about inney Forged Iron Hardware, aside the substantial savings in cost, are t requires no more effort to obtain or in place than any other house fitting, the desired pieces are available for

every purpose for which such hardware is used. No longer need the thought of a wrong combination of styles or designs cause trepidation.

Who has not felt the desire to re-create the same charm and intimate touch possessed by the old V- groove batten door, set off by beautiful individually forged fittings! These are the things that make for atmosphere. The

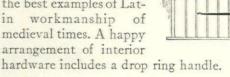
three McKinney forged iron hinge straps and forged iron entrance handle in the Tulip design catch perfectly the spirit of their background. Here, they seem to say, is a home where good taste and feeling live.

In many modern buildings you will see a curious medley of oldstyle hinges and glaringly modern handle sets. Fortunately since the advent of McKinney Forged Iron such anachronisms are unnecessary. For all pieces for complete trim are now available in pure

designs. They permit consistency throughout. And consistency is one of the chief requisites for any expression of artistry.

Many there are who love the effect of a gracefully curving circular top for an en-

trance door. Variou treatments of the accompanying hardware are possible, but one that is particularly fascinating is the use of two hinge straps, of Etruscan design, as shown here, an authentic style echoing the best examples of Latmedieval times. A happy arrangement of interior



The paneled door. How exquisitely it was handled in Colonial days, and how clearly its style indicates to those of sensitive nature the need for McKinney forged hardware of the beautiful "Curley Lock" design! Hinge straps, door pull and grace-

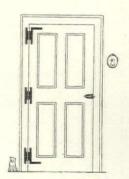
fully scrolled knocker complete the picture -creating that sense of fitness which is so hard to achieve.

In the paintings of those old masters, Vermeer and Hals, may be found true representations of the still favorite Dutch split door. No wonder it is admired. And now

it is possible to catch its true spirit with the four fascinating hinge straps of Heart design, together with the friendly drop ring handle and surface bolt of McKinney forged iron.

Appreciated as they are, however, perhaps

no one of the former hinge designs is today more admired than the H-L hingea name derived from its shape. The illustration here will recall it vividly to mind and show its adaptability for interior doors, accompanied by a Period door pull and latch.

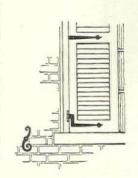




The completeness of this authentic forged iron hardware by Mc-Kinney adds greatly to its charm. Door, cabinet, window and shutter hardware are all represented.

One point ought to be stressed about McKinney Forged Iron Hardware: its rust-

proof finish in three different forms: Dead Black Iron, Relieved Iron and Rusty Iron. You need not fear the effects of use and weathering on appearance, for it will retain its fascinating texture and tone for years to



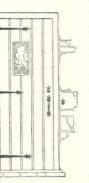
Send for This Beautiful Free Brochure

To make possible an accurate study of all units, McKinney offers a beautiful new Brochure illustrating the units themselves and their proper application. Send for this free Brochure at once. Then visit your Builders' Hardware merchant and make your selection. If he has not yet received his stock, let us know.

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YOU ARE INVITED TO VISIT THE PERMANENT STUDEBAKER SALON

ROSE ROOM PLAZA HOTEL NEW YORK.

RESENTING the distinguished Studebaker Town Brougham body by LeBaron
—one of several smart bodies now on exhibition at the permanent Studebaker
Salon in the Rose Room of the Plaza Hotel, New York.

For formal use in and about town, as well as for shopping and the countless duties akin to social prominence, the Town Brougham is proper equipage.

It is formal in every line and curve of its graceful outline, and dignity is fashioned into every detail treatment—dignity, however, tempered with grace and refinement.

Although three persons may be comfortably accommodated on the rear seat of the car, with spare seats for two in addition, the body is relatively small as becomes a model of this type. The interior fittings, of course, are selected with exacting care, to comply with proper taste, while the exterior is unadorned except for French doorhandles.

The Town Brougham is a true example of the charm and distinction in LeBaron design. The Studebaker chassis, built to the industry's most rigid requirements, is, in itself, assurance that the car's performance will be found as satisfactory as its appearance.





groupings of color.

You would look at it again-and suddenly from the paper itself you would get just the inspiration you want-an idea of the utmost simplicity such as the decorator, Miss Gertrude Brooks has worked out above.

Nothing, in fact, is simpler than letting beautiful wall papers give you ideas for your home. Baeck Muralia designs and home can be, send for Miss Lucy Taylor's booklet on "The Simple Art of Wall Decoration." We will mail it to you with our compliments.

Miss Taylor has been writing in the magazines for many years on various aspects of interior decoration-and this booklet in colors she has prepared for us to send you, will make the decoration of your home a sheer delight.

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Brooklyn, N.Y.

If your own dealer does not have Muralia papers, we will be glad to give the name of one who does have them

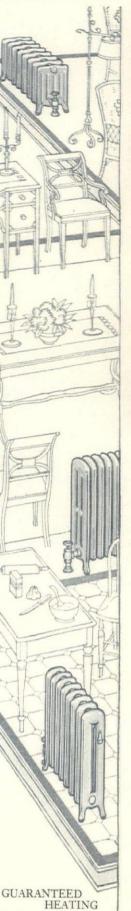
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PIERCE - ARROW Open Cars \$5250, Closed Cars \$7000, at Buffalo Government Tax Additional Dual-Valve Six,

EPENDABLE HEAT ALL OVER THE HOUSE WITH ECONOMY



Your contractor receives a written guarantee on the heating

capacity of every Capitol Boiler. No other heating equipment assures you satisfaction so definitely.



Know they'll be warm until you return

From your warm office or shop, do you vision your wife fighting to keep winter out, struggling with an antiquated heating outfit—work no woman should do?

You'd change all that in a minute, if you could afford it. You can. The surprising fact is, you are probably paying a lot more right now than the finest heating comfort would cost.

Investigate Capitol Boilers with United States Radiators for either steam or hot water. No other system requires less fuel. You fix the fire in five minutes in the morning and your wife and child are safe and warm until you return.

The fuel you save makes the change profitable. Their comfort and health make it essential. See your contractor about Capitol heating now. Write for "A Modern House Warming."

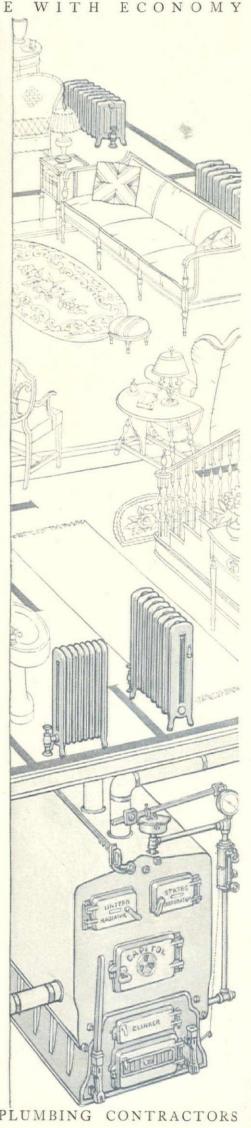
UNITED STATES RADIATOR CORPORATION

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WAREHOUSE STOCKS AND SERVICE IN ALL PRINCIPAL CITIES
For 36 years, builders of dependable heating equipment

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TALLED NATIONALLY BY ESTABLISHED HEATING AND PLUMBING CONTRACTORS



OLOR, of course—but what color for your roof?

Do not guess — use this guide to find the perfect color combination of roof, walls and trim for YOUR home

More and more today you see beautiful roofs—roofs whose colors are in charming harmony with walls and trim.

You, of course, want such a roof. Richardson has made it possible for you to have it at moderate cost.

You have a range of rich colors to choose from—Weathered Brown, Onyx, Bronze Mosaic, Opal, Tapestry Tan, and other distinctive Multicrome effects.

And now a way is offered you to select exactly the color that will look best on *your* particular home—the color that will fit into a perfect color scheme.

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Send for the new booklet, What Color for the Roof? In it you will find page after page of interesting homes, showing you pleasing color combinations of body, trim, and roof.

With the booklet you will receive the patented Richardson Harmonizer. This fascinating device will enable you to see the effect of 108 different roof-and-house color combinations. It will show you in advance exactly how any Multicrome roof will look

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Where to see the new colors

Your nearest dealer in building materials can show you Paradson Multicrome Roofs in a range and beauty of color never before obtainable at moderate cost.

He will show you, too, why the points mentioned in the panel at the right make the beauty of these roofs so *lasting*. Call upon him.

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50% THICKER THAN THE ORDINARY ROOF

The Richardson Multicrome roof is built of Super-Giant Shingles—extra large, extra heavy. Its 50% greater thickness adds both beauty of texture and years of endurance. Its base is sturdy, long-fibre Richardson felt.

Its water proofing is Viskalt—99.8% pure bitumen, especially vacuum-processed. Its surface is slate in close, overlapping flakes—further protection against weather and fire.

This roof gives the maximum roof value at a moderate price. It is less expensive than slate, tile or asbestos and approximates in price ordinary wood shingles. It is economical to lay and equally good for new crover-the-old-roof jobs.



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The Richardson Company,
Dept. 38-C, Lockland, Ohio
Enclosed find 25c (stamps or wrapped coin) for your
new booklet and Harmonizer

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Acclaimed in engineering circles— ne automobile of the future"

MOTUR AGE, Dec. 31, 1925

The NEW STUTZ

Jen years ahead of 1925

EADING American and European automotive engineers of international reputation have praised this truly remarkable new automobile in most enthusiastic terms.

Did not ethical reasons forbid the publication of their names, we would have need to do little more than print their testimony in order to gain as many buyers for The NEW STUTZ as our production capacity could care for.

Wherever prominent automotive men come together, the talk is of The NEW STUTZ. In every

forward-looking automobile producing organization its advanced design and improved features are being given earnest consideration. For in The NEW STUTZ, the seers of the industry recognize the automobile of the future.

Foremost technical writers, prominent chief engineers and high officials of parts-manufacturing companies made application for the first NEW STUTZ cars available, for their personal ownership.

All this because The NEW STUTZ, while accepting nothing untried, nothing experimental, is the most advanced, the most improved automobile of the decad

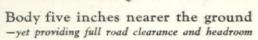
It has a much lower center of gravity, giving greater safety and improved roadability; it has a vibrationless motor—the ultimate goal of engineers since the day of the first "one-lunger"; its motor, its rear axle, and its other gears are noiseless—made so by the adoption of advanced design; its worm-drive rear axle improves with use—it is quiet, new and old;

the worm and gear, adequately lubricated, are guaranteed by us for two years; its new principle of braking design is more efficient; its chassis oiling system is automatically self-lubricating.

Its other refinements, conveniences, and improvements are too numerousforlistinghere. In a word, nothing has been omitted, nothing has been neglected that would add to the safety, comfort, and dependability of The NEW STUTZ.

You are urged to see The NEW STUTZ at your local automobile show, or at the showroom of your local dealer. Only by actually seeing this truly advanced automobile can you put yourself abreast of the day and qualify yourself to judge motor cars by this new standard now established.

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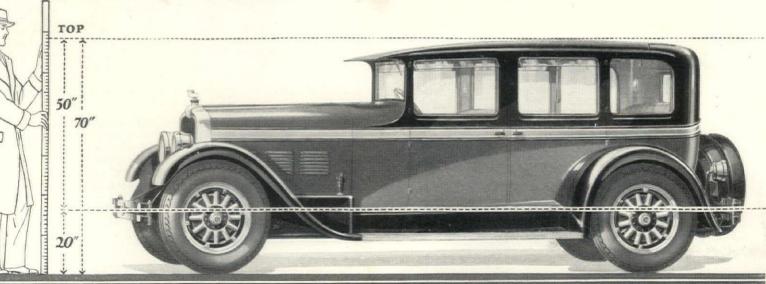
Radically lowered center of gravity
-giving greater safety, comfort and roadability

Quiet, long-lived, worm-drive rear axle -permitting lowered body; it improves with use

90 H.P. motor; with overhead camshaft -novel design; smooth, flexible, vibrationless

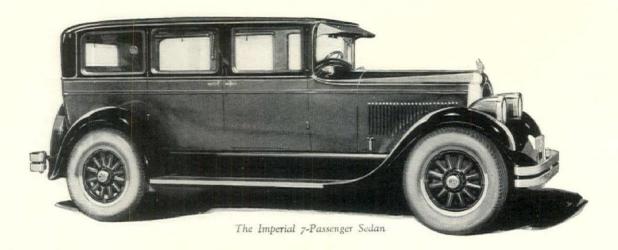
New non-leaking hydrostatic brakes
-inherently equalized; quick-acting and positive

Six body styles, designed a mstructed under the supervision of Brewster of New York. Att. dies automatically ventilated.



SAFETY CHASSIS

UTMOST LUXURY



Luxury, in the new Chrysler Imperial, is by no means only the obvious luxury of rare beauty and gorgeous appointments. Of course, it is all of those, and in addition, the rarer luxury newly created by sheer engineering ability out of the soundest of all time-proven engineering principles.

For in this car, inspired originality and untrammeled imagination have brought new results out of commonplace things.

It was so when the first Chrysler two years ago changed the entire trend of this great industry toward Chrysler design in the medium-priced field.

Once again, existing conceptions must be reformed, this time in the field of costly, cumbersome cars.

From now on, fine car performance must be measured by this new Chrysler standard-performance that comprehends a great increase in horse power, in speed capacity, and in every phase and detail of road ease.

Engineering Has Created New Luxury

When you ride in the Chrysler Imperial-and only then-you realize the luxury of motoring when the engine is so insulated from both running gear and body, by resilient blocks of live rubber, that there is no power pulsation apparent.

The engine is so finely balanced, so symmetrically designed, and operates with such vibrationless smoothness that it seems as if nothing further would be accomplished in this direction.

The most costly cars-which are the only comparison for the new Chrysler Imperial-will all seem deplorably sluggish after you have ridden in this latest Chrysler creation, for its vitality and flexibility, its 92 horse-power and its speed of 80 miles and more, are qualities to make you marvel as well as to delight you.

The new Chrysler Imperial is literally as fine as money can build, in its luxurious body types as well as its unprecedented performance.

All Chrysler closed body designs are created by Chrysler engineers, and executed by Fisher.

AS FINE AS MONEY CAN BUILD

UTMOST LUXURY FOR 2 to 7 PASSENGERS

> 80 MILES PER HOUR

92 HORSE-POWER

From the radiator on through the hood and body, the roof and fenders, all the lines flow together into an ensemble of captivating beauty, which is totally new, totally different and yet distinctively

The car is low. Its exquisite grace gives the impression of fleetness, and at the same time there is the impression of rugged stability and tremendous strength.

In such a car, you expect the finest in the obvious things like upholstery, furnishings and fittings, and you get it in the Chrysler Imperial, where most of the interior equipment has been produced to Chrysler's exclusive design.

No Chassis Lubrication A Great Contribution

When you drive the Chrysler Imperial there will be no sense of sharp jolts or being thrown no matter how rough the going. You never have had such an experience in a motor car.

This delightful surprise is the result of an engineering advance that not only means better spring mounting, greater ease, absolute silence in spring operation, and the minimum of road sounds, but the elimination of chassis lubrication - an able improvement.

Chrysler engineers have eliminated all shackles, shackle bolts and bushings which i the costliest cars are prone to wear and be noisy and which must be frequently lubr

They anchor the springs in blocks of resilie rubber which envelop and cushion the sprin and which never require lubrication.

Spring leaf lubrication also is eliminated by t spring covers, which retain the lubricant s it functions for thousands of miles.

Nor is lubrication required for the hydrauli wheel brakes, which were pioneered by Cl engineers two years ago. Time has only ser demonstrate the braking satisfaction and effi of the Chrysler hydraulic system.

Chrysler's Advanced Engineering Features

Chrysler engineers have developed an efumer, controlled from the dash, which in vaporizes the fuel for starting in cold we Furthermore, by a simple control on the da the exhaust heat can be diverted directly a the intake manifold from the moment of st enabling the engine to reach operating eff without spitting and sputtering.

An air-cleaner excludes road dust and gri the engine; a gasoline-filter of Chrysler keeps the carburctor free from water an the carburetor is equipped with a simp precise adjusting device, the first of its ki exclusively Chrysler; and an oil-filter, o with Chrysler, cleanses all the motor oil engine runs.

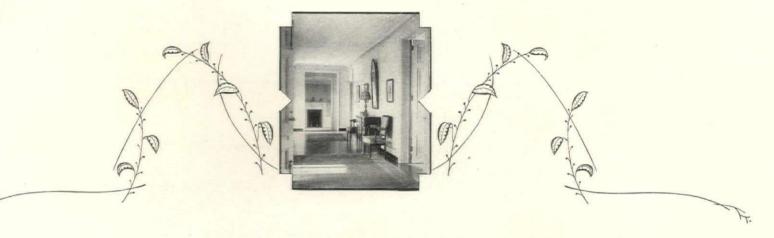
As fine as money can build-the utm luxury-

The highest ideal has been reached-an ide hitherto was associated only with cars of th liest type from Europe and America and even at any price, lack the great fundamen performance which now make the new Cl Imperial supremely luxurious.

Any of the more than 4000 Chrysler deale gladly give you a demonstration.

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HOUSE & GARDEN

HENEVER a new seed catalog comes into our hands we inably turn to two sections—first he novelties, then to the departor of garden tools and supplies.

he supplies section has engaged or years because, ever since we known seed catalogs-and that long time-we have met one old nd faithful and true throughout eneration. We refer to the genan in the derby hat and the chin skers who, for fully twenty-five s now, has been spreading a mat a hotbed. Who the original of portrait was we have often wond. He must have been a conporary of Gladstone or Queen oria's Albert. He should be imtalized with an ode. The teleoh has come and spread, the or car has grown to a commone, radio is in every other homehe does not change. He wears same derby hat and the same y Victorian whiskers. He is our with the irrevocable past of dening, when men went forth in ning coats and derbies to spread

section. For years we have ned that section for a novelty-none or few have appeared. The picotee Zinnias, the same cre-Cosmos, the same Antirrhinums, offered year after year as novel-We have been growing them infully for a decade now, we and old gentleman in the derby hat. erhaps we can blame both of a on Quarantine 37. That en-

nent has many sins on its con-

he same sense of unchanging

inuity is given us by the novel-

over hotbeds.

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science, and it might stand a few more! Or we might even suggest that the men who make our seed catalogs shoulder some of the blame. Anyway, here we are in a progressive age being served up stuff that our fathers knew when we were children. We are told that they are novelties—and we don't bother to protest.

Pick up the catalog of any English seedsman and see what novelties he offers. Look at the German and French and Swiss catalogs. Compared with them the majority of our American catalogs are mere children's primers.

In creating the gardening pages of House & Garden we have tried to keep ahead of the demand, to awaken interest in newer garden things, to "de-bunk" some of the old and orthodox theories of gardening. With this issue the Standardized Plant Names are adopted. House & Garden is the first magazine to start that usage. Mr. Wilson and Mrs. Wilder are telling of things not to be found in ordinary catalogs. When enough people are interested, then perhaps our nurserymen and seedsmen will awake to the fact that they should be offered.

If you are the sort of gardener who still wears the derby hat and chin whiskers, then House & Garden will not interest you. But if you are an up-and-coming gardener, a progressive American who wants to keep abreast of new movements, new tastes and new discoveries, you will make a monthly habit of going to the nearest news-stand and laying down thirty-five cents.

VOLUME XLIX

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Let your Easter greetings include Whitman's, doubly welcome after Lent.

The spirit of Spring is expressed in these fragrant, dainty sweets

-in packages that please the eye.

Catering to the wide demand for special recognition of the Easter season we have provided timely artistic bands of greeting on the Sampler, the Standard and the Fussy Packages.

The Sampler with its wide range of candies appealing to all

tastes.

The Fussy Package for those who lean toward nuts and firmcenter chocolates.

The Standard Package—the original Whitman's, descended from the famous assortment of 1842.

Whitman's Chocolates

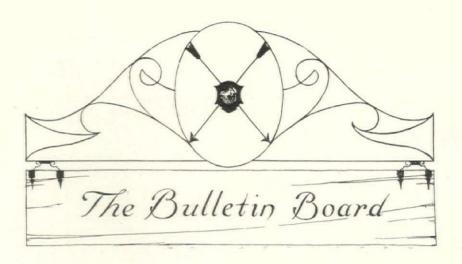
Examine these at the near-by store that is agent for Whitman's. There you can also get the new Pink of Perfection assortment, Pleasure Island, Salmagundi, Fruits & Nuts, and other favorites.











HE March issue having gone out like a lion, full of gardening, April will come in lamband gentle, full of decorating. The title the issue is Interior Decorations, and half its orial pages will be devoted to that substrain larges will be devoted to that substrain and the property of the

The gardeners among our readers find a Wisa Room—a terrace of soft colors done by Illor, Meigs & Howe; they find also a garin Wilmington, Delaware; and the contribuis of Mrs. Wilder and Mr. Wilson. Two houses will be displayed in this issue—a

ag Island farmhouse and a home in Illinoise has been done in the French manner of the h Century house. The Town Betterment will consider band stands.



HE following verses we found in *Modern British Lyrics*, and, with the permission of editor, Mr. Stanton A. Coblentz, we reprote them:

THE SEED SHOP

re in a quiet and dusty room they lie, led as crumbled stone or shifting sand, clorn as ashes, shrivelled, scentless, dry adows and gardens running through my hand.

ad that shall quicken at the call of Spring, epers to stir beneath June's magic kiss, ough birds pass over, unremembering, d no bee seeks here roses that were his.

this brown husk a dale of hawthorn dreams, cedar in this narrow cell is thrust, at will drink deeply of a century's streams, ese lilies shall make summer on my dust.

re in their safe and simple house of death, led in their shells a million roses leap; re I can blow a garden with my breath, d in my hand a forest lies asleep.

MURIEL STUART

WITH this issue House & Garden adopts the system of naming flowers, vines, shrubs and trees according to that proposed by the American Joint Committee on Horticultural Nomenclature, which was formed in 1911 by committees of the leading professional and amateur horticultural landscaping societies. For many years authorities and this committee collaborated until 1923 when their work finally reached its first publication in a book called "Standardized Plant Names." The committee responsible for the volume was composed of Frederick Law Olmsted, Frederick V. Coville and Harlan P. Kelsey, with J. Horace McFarland as chairman.

Since the issuing of this book the committee has been successful in having its system adopted by botanists, botanical gardens and nurserymen. The catalogs of the following dealers use the new arrangement of common and scientific names.

Andorra Nurseries, Chestnut Hill, Phila. Bay State Nurseries, North Abington, Mass. Bobbink & Atkins, Rutherford, N. J. Breck-Robinson Nursery Co., Boston, Mass. Burpee Co., W. Atlee, Philadelphia, Pa. Chase Nursery Company, Chase, Ala. Clinton Falls Nursery Co., Owatonna, Minn. Conard-Pyle Company, West Grove, Pa. Connors, R. J., Cincinnati, O. Eastern Nurseries, Inc., Holliston, Mass. Elm City Nursery Co., New Haven, Conn. Forest Nursery Company, McMinnville, Tenn. Framingham Nurseries, Framingham, Mass. Fraser Nurseries, Inc., Birmingham, Ala. Fruitland Nurseries, Augusta, Ga. Garden Nurseries, Narberth, Pa. Greening Nursery Company, Monroe, Mich Hicks Nurseries, Westbury, Long Island, N. Y. Ilgenfritz Sons Company, Monroe, Mich. Katzenstein & Company, Atlanta, Ga. Kelsey-Highlands Nursery, Salem, Mass. Kunderd, A. E., Goshen, Ind. Mount Arbor Nurseries, Shenandoah, Iowa Mount Vernon Nursery, Mount Vernon, Wash. Mountain View Nursery, Williamsport, Md. DeKalb Nurseries, Morristown, Pa. Naperville Nurseries, Naperville, III. New Brunswick Nurseries, New Brunswick, N. J. North-Eastern Nursery Co., Cheshire, Conn. Oregon Nursery Company, Orenco, Oregon Pontiac Nursery Co., Detroit, Mich. Robinson, A. E., Boston, Mass. Rockmount Nursery, Boulder, Colo. Shenandoah Nurseries, Shenandoah, Iowa Teas Nursery Company, Houston, Texas Van Lindley Nursery Co., Pomona, N. C. Weber Sons' Nursery Co., H. J., Nursery, Mo.



OLD DOC LEMMON SAYS—"They's somethin' kinder brave 'bout the way Winter hangs on this time o' year, fightin' to hold his grip ag'in somethin' he knows durn well is goin' to lick him in the end. I never see him slippin', slippin' but still comin' back fer more thet I don't think of old Link Peaslee.

"Link was the hardest man in the township thirty year ago, an' the stingiest. Silent, too, 'cept when he was cussin' a contrary cow fer not goin' through a barway with the rest. One o' them fellers with a face like a rusty plow-share an' a grip thet'd squeeze the Injun's head on a penny plumb flat. Allus bought damaged vittles when he could git 'em, an' counted his change twicet, goin' over to the store winder where the light was good an' droppin' it one coin at a time into the pa'm of a hand like a hawk's foot.

"But he was a scrapper an' he didn't know what it meant to quit. Even when his hoss kicked in three of his ribs thet las' winter, an' next the pneumony come an' the gall-stones an' the 'flammatory rheumatiz, Link fit 'em all like he was only twenty 'stead o' eighty-nine.

only twenty 'stead o' eighty-nine.

"A hard man, hatin' to let go but gittin' slowly weaker an' weaker to the end. Yep, him an' Winter was a lot alike."



ON this page last month we asked the questions: What is an antique? And how much of a piece has to be old to make it an antique? Therefore a kind friend told us this one:

A certain dealer in old furniture offered for sale an armchair which looked suspiciously new. In reply to questions, he explained: "You see, the legs came off one by one, and had to be replaced. Then the back began to look very shabby, and I gave it a fresh one; and a fat gentleman sat down in it and broke the arms and seat, and it was necessary to renew them. But it is the same chair."

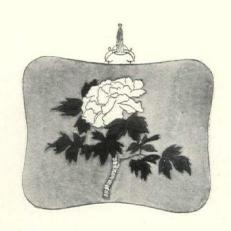


With the literature now available—much of it for the asking—there is no excuse for the building of homes in bad taste. At no time in the history of the country have manufacturers and architects co-operated so harmoniously to help the builder of a home. We were impressed by this fact when these came into our hands: Fireproof Homes of Period Design, issued by the United States Gypsum Company, a book of house plans selected by a board of nationally-known architects. Two others of interest are Spanish Homes of California and a little handbook for tropical gardeners—Plants, Shrubs and Trees of Northern Florida, by N. I. Stevenson.



AN INVITATION TO THE GARDEN

Public exits open out, but a garden gate should open in, as if inviting one to enter and enjoy the beauty of the garden and the hospitality of the house. That is precisely what this garden gate does on the place of John Taylor Arms at Greenfield Hill, Conn. Clark & Arms were the architects



PROSPECT OF AMERICAN GARDENING

A Resume of Certain Tendencies of the Times and Some Suggestions as to What

the Future Should Bring Forth

L. H. BAILEY

HE amazing development of quan-L tity-production and standardization products has brought vast changes in e horticultural field as well as in the echanical industries. In all lines, the end of events is to discourage the amaur (the lover) and to cause him to give his personal product for the greater tput, precision and profit of the machine d the managed industry. The current ofit-sharing arrangements in factories nd directly to this result. Great plant ctories now turn out almost identical ecimens by the scores of thousands, in w varieties, and the sale of them by ghly efficient methods has unified the ade and reduced the variables to the inimum. Purchases are standardized beuse the choice is reduced and limited.

It would seem that desires must of necesy also be unified and that the old wish or diversity in plants must be eliminated these processes. This is probably the se with the general purchasing public, ho go to the market with no strong prefences and with little discrimination or eparedness. Yet the amateur interest is uch alive, and I am convinced that, after period of quiescence, it is now growing pidly and that its influence is to be felt. ow is the amateur desire to be fed, and that is to be its future?

The amateur in gardening is the one ho grows plants for the love of them. This is necessarily the case with the amateur gardener, since ants are living growing objects and not anufactured articles, expressing the soil of the season and the general variableness in nature. Standardized productions lose eir interest from the very fact that they

Besides being America's most prolific garden authority, Liberty Hyde Bailey shares with Mr. Charles S. Sargent of the Arnold Arboretum the honor of being the Dean of American Horticulture. For many years he was Director of the College of Agriculture at Cornell. All garden lovers of this country are indebted to him for that monumental work, The Cyclopedia of Horticulture. Indeed, the literature of horticulture would have suffered severely without Professor Bailey's unflagging energy, for he has himself written some thirty volumes and edited many more, to say nothing of his almost countless contributions to the periodical press.

are standardized; the moods and variables of one's own life are not reflected in them.

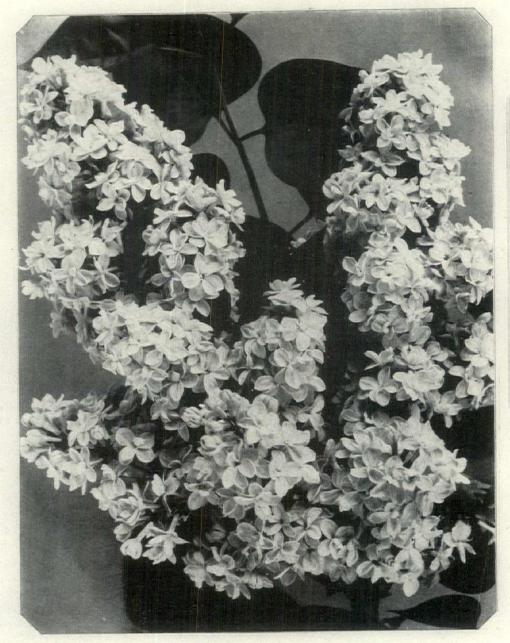
This is not to deny the merit of standardized production in plants. High skill is developed in the growing of them and able managership is displayed. The output is dependable. It is capable of definite quotation. The landscape planter can count on the quantity he needs for a given area and be certain of obtaining the desired effects. There is little loss or risk in the transactions and in the planting. He may project his design with confidence. The decorator may produce uniform results from the cut-flowers and accessories at his disposal, with the minimum of labor and uncertainty. To the grower, uniformity of product and quantity of production mean consolidation of forces, reduced costs, more expeditious transportation and marketing, more continuous relations with all branches of the trade, better service, more dependable use of capital. I am glad to see good mass-production prosper.

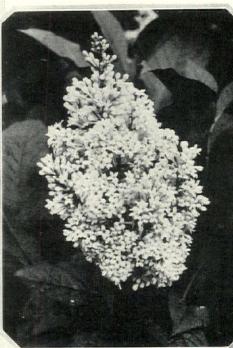
Yet the amateur is the ultimate conservator of horticulture. Many of the dealers in plants, in fact many of the growers, are not horticulturists. If gardening is to contribute great satisfaction to our people it must rest directly on the love of plants and recognition of the kinds; and this sentiment is stimulated by diversity rather than by uniformity. As an educational factor the plant is more significant than the blossom of it. One never knows a plant until one grows it and cares for it from first to last in all vicissitudes. The satisfaction of seeing a plant spring up, grow, produce its own kind of foliage, take its place among other plants, meet the days and seasons as they pass, is beyond all measure greater and more significant than the color-sensation produced by the flower or the fruit in a decoration.

There are those who fear that the amateur or plant-lover must pass. There is no danger of it, whatever may be the semblance of it for the moment. The amateur will persist as long as the mind craves variety in experience and as the seasons hold their charm. There is a strong reaction against commercial valuations of life. The home-making instinct persists in spite of all the apartment-housing, as the suburban settlement testifies. The powerful garden-club movement is evidence; some of this movement, to be sure, may be only a social manifestation, but the stronger part of it is rooted in the wish for home and a garden.

There is a feeling abroad that the amateur is not sufficiently supplied by the nurseryman. We are to remember, however, that while some plantsmen grow for the wholesale trade in great quantity and with a reduced list, others are increasing their offerings; most of the latter also have more

(Continued on page 162)





THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IN COLUMN TO THE PERSON NAMED IN

The Himalayan Lilac, Syringa emodi, or S. villosa emodi, grows to a mature height of fifteen feet, producing pale blue flowers. Unfortunately its odor is unpleasant

(Left) Among the double Lilacs is President Grevy, an old creation of Lemoine and still a favorite with discerning gardeners. Its blue panicles are nearly a foot long

LILACS OLD AND NEW

Vast Improvements in Their Beauty Have Been Made

Since Lilacs First in the Dooryard Bloomed

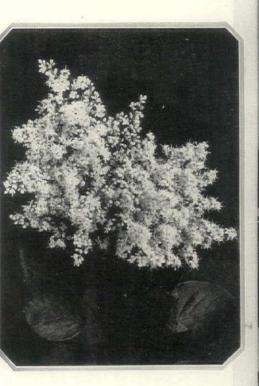
JOHN C. WISTER

WERE walking in some of the most deserted country in New Hampshire, back of Sandwich Notch near Waterville, when out in the middle of the wilderness we came across a huge clump of Lilacs growing luxuriously by the roadside. All around was forest and there was no sign that there had ever been habitation there. But we knew that Lilacs hardly grew wild in a New England forest, and, by investigating, found that the plants were growing on the edge of a crumbling wall, which

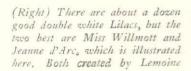
was all that was left of an old farmhouse cellar. The house and its owner have long since disappeared, but the Lilacs remain as a landmark of a former civilization—the prosperous New England farm, before the opening of our great West after the Civil War.

So Lilacs can be found in similar positions all over New England and the Middle States, marking the habitations that have disappeared or old cellar-holes that have been entirely filled in by time. They were one of the first European shrubs to become popular in this country, crossing the ocean on tiny sailboats long before the days of steam, and today, in spite of the introduction of hundreds of new shrubs from a parts of the world, remaining as the be beloved flowering shrubs of the spring months.

Today, instead of having only the ol purple Lilacs, we can choose from a doze or so different species that cover a lon season of bloom, from earliest spring unt



The Japanese Tree Lilac, Syringa japonica, is a hardy type and a late bloomer, coming after the other Lilacs. It has yellowish white Howers and glossy leathery leaves





the end of June. Our season can start with Syringa affinis giraldi and its hybrids, which bloom ten days to two weeks earlier than the common Lilac. The main season, of course, will come from the Persian Lilacs and from our common Lilac Syringa vulgaris, and its hundreds of forms, ranging in color from white through lilac blue and lilac pink to magenta lilac and deep purple, and with an equally great range of form of single and double varieties, all intensely fragrant.

With the main season of Lilacs over, however, there are still flowers to come from such well known sorts as Syringa villosa, with its pinkish flowers, and some of the newer hybrids, of which Lutece is an example; and these gone, we still have the great burst of bloom of the Tree Lilacs, plants which are by no means new, but apparently still little known.

Lilacs should be planted by the gardener who has even a few feet to spare, and those

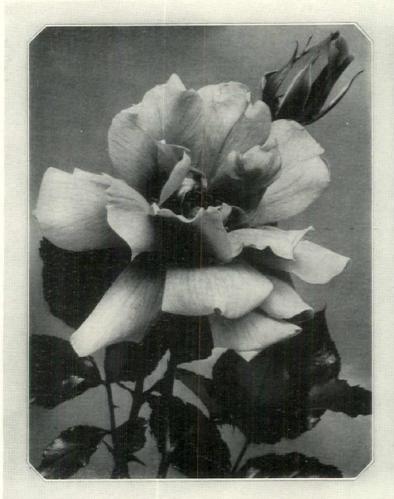
who have large estates are, of course, fortunate in having room for great collections. Some of our parks are now appreciating these species varieties and are planting them by the hundred. The best collection is probably the one in Highland Park, Rochester, where on Lilac Sunday each year more than a hundred thousand people come to see the flowers, and automobiles have been counted from many nearby States and from Canada. If it is worth while for a city to spend great sums of money for expositions to advertise its wares and attract visitors, why should not every American city have a great Lilac collection to attract visitors in the spring months?

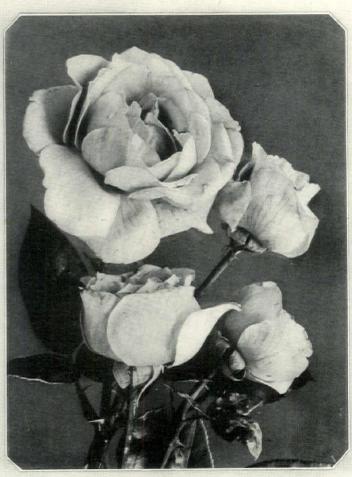
Lilac growing is really very simple. The plants may be set either in late fall or early spring, but the former is preferable everywhere except in extreme northern parts of the country. The soil should be well prepared, for, although these plants will grow in practically any soil, the best results cannot be attained except by liberal treatment. The best possible treatment is a thorough preparation of the ground before they are planted; that is, digging and fertilizing a piece of ground ten feet across instead of merely digging enough to hold the roots. If a dry season follows the year they are planted, it is well to give them a liberal

supply of water.

The chief thing to be remembered in buying plants of the named varieties is to get them on their own roots. Life is much too short to bother with varieties grafted on common Lilac stock or on Privet, this in spite of all the apologists for these methods may claim. Having them on their own roots is also their best protection against the only serious enemy of the Lilac-the borer. In these days of modern gardening, nearly all plants seem to be blessed with some particular enemy, but borers need not be

(Continued on page 170)

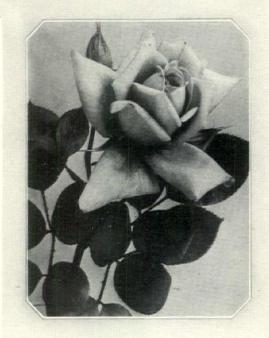




For a small-flowered but extremely decorative Hybrid Tea, Emma Wright deserves special mention. It is a pure orange, blooms freely and is splendid in masses

WITH a palette of red, pink and yellow those genii who work miracles with nature have created for our gardens a galaxy of Rose colors blended into undreamed of harmonies. Aladdin's conjury has brought a fabulous gold which has wrought the Midas touch into the reds and the pinks and has gilded the older golds of the garden. No longer is a Rose pink, red or yellow. The descriptions have become almost beyond the scope of color terminology and the sponsors of several hundred Roses created in the last decade have labored under difficulties in presenting a distinctive portrayal of their offspring.

The Rose hybridizers' task is a fascinating one. For long years the great classes of Tea Roses and Hybrid Perpetuals held their attention. The Teas appeal with their exquisite and delicate colors, their fragrance, form and everblooming qualities; the Hybrid Perpetuals with their sturdiness, size and virile colors. As Teas were a development of Rosa chinensis, a Chinese species, and Hybrid Perpetuals in turn originated from the crossing of Bourbon, Damask



Among the Pernetianas, Wm. F. Dreer fills the bill for a deep golden yellow shaded with old rose

NEW COLORS

THE ROSE GARDEN

PERCIVAL H. MITCHELL

Mrs. Henry Morse, another Hybrid Tea, opens double, high-centered blooms showing both silvery rose and cerise pink. A tall, branching plant, and quite hardy

and Chinensis hybrids, it was natur that the next step was the development of Hybrid Teas from the crossing of Teas and Hybrid Perpetuals.

In the class of Hybrid Teas the h bridizers have advanced with treme dous strides. The limitations of Te and Hybrid Perpetuals have apparent been reached, for within the last twen years the new varieties of merit can counted on the fingers. This has been due to the much greater possibilities the Hybrid Teas where the qualities both the older classes could be develope There will always be some Hybrid Pe petuals in the garden, for who can o without such magnificent Roses as Fra Karl Druschki, Hugh Dickson, M. John Laing and Ulrich Brunner? T Teas unfortunately are hardy in on favored districts, but we now have t satisfaction of substitutes among t hardier classes.

It is possible that we could have go on for a generation to come fully sati fied with the great variety of Roses wi the form, colors, fragrance and hard ness of Hybrid Teas. Our gardens w





Excellent in form, color, size and fragrance is Rev. F. Page-Roberts, an orange yellow Hybrid Tea. It is somewhat like an improved Duchess of Wellington

vays find places for those red Roses, neral McArthur, Red Radiance, uss au Teplitz and Lieut. Chauré; pinks of Caroline Testout, Ophelia, dy Pirrie, Pharisaer, Lady Alice nley, Lady Ashtown and Mme. Abel atenay; the quartette of American ks, Premier, Columbia, Radiance and rs. E. Russell; and the old favorite lows, Duchess of Wellington, Mme. vary, Mrs. Aaron Ward and Mme. clanie Soupert.

Look back on the yellow Roses just nationed and it is to be found that see of them, Mme. Ravary, Mrs. ron Ward and Mme. Melanie Sout, were creations of Pernet-Ducher Lyons, France, as also were Lieut. auré, Mme. Abel Chatenay and roline Testout. It is M. Pernetcher who is the Aladdin of the new see world and who has brought ends aurely new standards of color to the see garden.

A precious seedling of the cross beeen the Austrian briar hybrid, Persian llow, and a variety named Antoine cher was the significant origin of a



A clean, bright yellow of medium size, Christine holds its color well. It is a Hybrid Tea that blooms freely, forming a low, branching plant

great race of Roses so important that, after its originator, the class was designated "Pernetiana", and the deep gold of Persian Yellow dominates the whole group. The great lack of the Hybrid Teas, real yellows, not the delicate colors derived

Mmc. Butterfly is light pink shaded with gold at the base—a finely shaped Hybrid Tea descended from Ophelia. It is a strong grower and delightfully fragrant

through the Tea yellows, has been filled at last and this golden color has been laid on the reds, pinks and yellows with a richness beyond imagination. The great hybridizers have all been working with Pernetiana strains along most scientific lines and out of the tens of thousands of seedlings probably one hundred varieties of real merit are now procurable.

What are the best of the Pernetianas? The following ten are outstanding and should be in every garden:

MADAME EDOUARD HERRIOT: No one color describes this or many of the Roses to follow. As an example of the difficulties of description of these newer colors a Rose catalog is quoted: "Coral red, shaded with yellow and a bright rosy scarlet passing to prawn red; bud coral red and shaded with yellow on the base; green bronzed foliage".

Souvenir de Claudius Pernet: Sunflower yellow. Flowers very large and full

WILLOWMERE: Rich shrimp pink with shades of yellow and carmine.

(Continued on page 172)

(Below) Lovers of blue flowers will find a worthy garden addition in the Pentstemon. The variety shown here comes from the Mt. Hood region and forms a good clump some 18" high. It is a hardy perennial with clouded blue blossoms



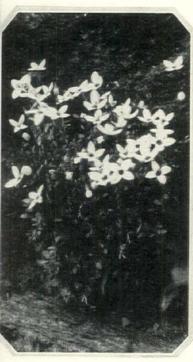
KEEP THE DOOR OPEN

A Dozen Especially Pleasing Kinds Th

Grow in the Author's Garden Near New Yo.

LOUISE BEEBE WILDER

(Left) A new interest is given to the Onion race by Allium cernuum, a native American member found in the Alleghanies and westward. Its pink-lilac blossoms are in nodding clusters at the top of 18" stalks



(Above) Bluets or Quaker Ladies (Houstonia) are wholly charming mites that reflect the blue spring skies. They like an acid, peaty soil in full sun or light shade

IT IS too bad to fall into a rut when growing and knowing plants is concerned. Of course one will always want to hold to the old and faithful friends a would sadly miss them did they not are anew each spring to greet us. But the world is so full of valuable plants for the garden, so rich in enchanting flower type that it is a thousand pities not to push on a wider and wider acquaintance among the

How well we all know that a new pla in the garden lights the mind and quicke the interest in an extraordinary manne It is something to look forward to. T newcomer has a fresh tale to tell, offers fresh experience. The gardener who continually experimenting with unfamili plants is in no danger of losing the ke edge of his enthusiasm, and is, moreover doing a service to all others of his ilk. A one can find time and space to grow a doz new plants each year, and no gardener d serves the name who is satisfied to do le Not necessarily need these be new to t horticultural world at large, but mere new to his own experience.

Following are notes on twelve plants a native of the United States and not, I b lieve, very generally grown in America gardens. All are fine and fit and none

> (Below) Early summer finds the Northern Bedstraw in full bloom. This is a plant which, growing in rocky soil over a wide range, does well in the rougher parts of the rock garden or on sunny banks



FOR NEW NATIVE PLANTS

America's Wild Flora Includes Innumerable

Flowers Whose Beauty Deserves a High

Place in Our Cultivated Garden Areas

possessed of more crotchets than can be easily dealt with. They differ widely in appearance, season of bloom, general habit and habitat and would offer an interesting season of study.

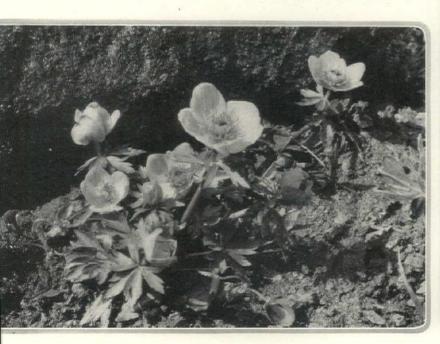
There is, for instance, Irisprismatica, the Cubeseed Iris. Its sister, I. versicolor, is omnipresent, but prismatica, far more graceful in carriage and more lovely of blossom, is seldom seen. It appears in damp or actually wet meadows, though with far less frequency than does versicolor, from Maine south to the Carolinas and Georgia. Its stem is tenuous and wiry, its eaves narrow and the blossoms charmingly airy and varying in color from very pale to leep mauve and lavender delicately etched. While the natural home of Iris prismatica s in damp meadows, the photograph shows fine clump thriving in the lower part of he rock garden beside the path. Here the oil is rather deep and rich, but the white Maiden Pinks and Spanish Poppy also rowing there testify to the fact that it is ot wet, nor even damp. It is a plant that vill thrive in gardens where the conditions re not actually bone dry, and the fact that does not spread so rapidly, nor seed so nrestrainedly as does I. versicolor, is to its (Continued on page 174)

The American Globeslower is Trollius laxus, by nature a dweller in wet meadows but taking kindly to a garden whose soil is deep and rich. Its wide, creamy slowers open in the rock garden during April

(Right) Iris prismatica fully merits real garden appreciation. Graceful, slender-stemmed, it carries airy blossoms of lovely mauve or lavender, delicately veined. It succeeds in moderately dry or wet situations



(Above) Distinctly quaint in appearance is that little long-nosed Sunflower, Helianthella quinquenervis, from the western mountains. It grows easily in a sunny corner





(Below) From the South comes Iris foliosa, the bluest of its genus. It is hardy as far north as Boston. When planted in groups in deep, rich soil it makes a fine showing with its large, exquisitely colored flowers on their short, branching stems





Ninomiya

AN ENGLISH HOME IN THE NORTHWEST

The residence of M. Lloyd Frank, at Portland, Oregon, drew deeply on the English cottage and country house for its inspiration. It is of salmon pink common brick with a slate roof in golden brown. Herman Brookman was the architect



The main entrance side shows the comfortable way the house ranges along the ground. At the right end of the photograph are the living room and porch. A long window next lights the stair hall, with the vestibule and reception hall beyond. Then comes a circular dressing room and a gallery, behind which are a large dining room and breakfast room. The children's hall and the service are located in the further wing



There is abundant provision made for the children of this household. Upstairs they have a hall, playroom and three bedrooms with attendant baths and closets. The little window lights the maid's closet; the casements below light the servants' hall. The architect designed the landscaping

free standing stairs is rown across the long indow in the stairs ll, the composition beg completed by a large andelier hung in the iddle of the well. apestries soften the ulls. The architect ose the decorations

LE JARDIN DE MON GRAND-PÈRE

An Old-World Garden Described By One Who Now Enjoys It In Its Third Generation

IT WAS a large square which was neither picturesque nor artistic. An ordinary wall surrounded its four sides, which was, it is true, covered with espaliers. The wall that looked toward the north was covered with Currants, with such clusters of fruit as one seldom sees nowadays. Here and there a branch showed itself running above the wall, a silhouette sharp and erect. There were also some Mulberries planted on either side of the garden gate, whose arch arose in three sharp turrets, all of which were adorned with juicy berries—oh, in what numbers! The scalawags of the neighborhood came to rob them in the early morning

and they called them "criniolles". I should add that they were the best kind of berries, grafted, and not wild like those common

ones of our time.

This garden, started in 1829, if I am to believe the account books of my grandfather, was changed by him about 1848 when he built the new house that he intended for our mother, and this garden, simple and modest as it was, gave him as well as my mother, his daughter, and my father many hours of happiness. My first impressions were gained on that square of ground among those fruits and flowers, and I bless God for them. The grayer we get, the more we love not only the old Lac Leman of Rambert but also the old land itself of French Switzerland, our native countries of precious memories.

Also that garden was my first school, and it was in those old-fashioned surroundings that I made my first attempt at gardening. Unlike Diocletian, Darwin and Russell-Wallace, who only became gardeners in their old age, with me it came by inheritance, and it was my first love. Upon this ground, which was actually a quarter of the town, I made many attempts before being able to acclimatize the plants we found along the roadside in our weekly rambles. Delille has said that the art of gardening has the advantage of satisfying the love of both town and country. Milton, Tasso and Homer have sung of gardens and Virgil in his Georgics has related a charming tale of an old man who cultivated the most modest of gardens.

There was a collection of shrubs and another of perennials, all of which were arranged somewhat pell-mell after the manner of the time. Meanwhile Grandfather had had the excellent idea of placing the green trees for a background, then the conifers, Box and Holly, to give a proper setting for the flowers. Against this

HENRI CORREVON

Who describes here his grandfather's garden in Switzerland, is in this country, on his first visit, telling American gardeners about his beloved alpines and rock plants. He has devoted his life—and it has been a long and busy life—to their cultivation and acclimatization. Our gardens are richer for his labors.

sombre or vivid green the colors stood out in such relief and so clearly that I can to this day recall this picture. The shrubs are those that they had at that time, few in number compared to those we have today. Since Wilson and the English have traveled all over China and Japan the number of imported shrubs in our gardens has increase considerably.

Meanwhile we already had an interest ing collection. I recall the four different Lilacs, two of which were trimmed up to great head. There was one pure white, s high that we had to have a long pair of snippers in order to cut the flowers. Another

was Charles the Tenth, then altogether new, whose flowers, reddish violet, were greatly admired. There was also the Persia Lilac, with its long clusters of violet flowers, and the Lilac Warr with its leaves like Jasmine. Near to them were the Snowballs of great size and which were then held in high esteem, from which we cut great branches to adorn the house, and yet an Acacia wir flowers of tender pink that grew in a couple form, not straggling around like the other Robinia, for what we call the Acacia is the Robinia. The veritable Acacia is quite another thing, the so-called Mimosa, that we receive from the south in the winter. One need only a few such errors to make the language quite non-understandable.

Then there was in a corner by the road a Box with green and white striped leaves, that had been clipped into a pyramid as the do in the gardens of Versailles, imitating those gardens of the Renaissance which always make me shudder. A huge Thur d' Orient, the Tree of Life of the Chinese, raised its stiff silhout ette just before my mother's window. Its shadow kept her from seeing clearly as she mended our stockings, so that it had been miserably clipped into a slender column.

The shrubs made a showing along the paths, giving an outling to the groups of flowers framed in Box. The yellow Currant common in our gardens was regarded with respect then, and neighbor Ribes sanguineum gave its pink clusters freely easpring, so that our mother used to cut with delight the little fragrant branches. We have now a goodly number of Spireas coming from all parts of our northern hemisphere. Then we had three First lavigata, whose little white rosy spikes we thought marve lous. This Spirea is out of style because it is not sufficient

(Continued on page 150)





ITALY IN OREGON

You might encounter this house somewhere on the road between Florence and Perugia, but you actually find it on the Columbia River Highway, at Bridal Veil, Oregon. Its owner is Roy Carruthers, and its architect, M. H. Whitehouse



Above the moon gate in this old Canton garden runs the legend: "The mountain rises like a screen; the sea is smooth as a mirror"

WITHIN THE MOON GATE

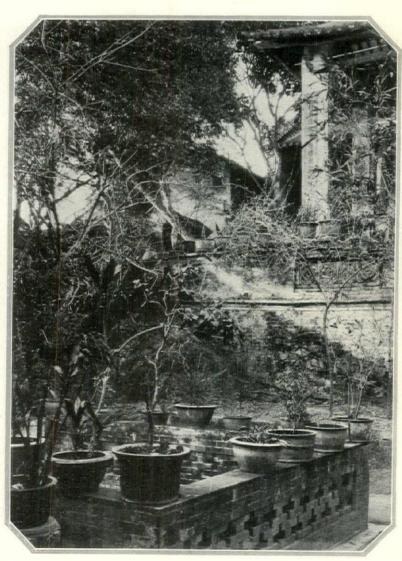
The Gardens of China Are Made to Appeal to the
Inner Eye of Contemplative Men

PHILIP N. YOUTZ

TO Americans the amenities of life consist partly of glassed-in sedans which exclude fresh air and reveal the country side as a bewildering kaleidoscope, or in radios which give forth jazz or grand opera at the turn of a knob, or in hotels with all manner of modern plumbing and appurtenances.

In China the amenities of life are far different. Tortuous streets protect the slumbering walled cities of China from the invasion of the motor car. The wailing static of the radio is unknown and the peacefulness of multiplying centuries pervades the life of the city. The comforts of the hotels usually consist of bed boards or a heated earthenware couch with the privilege of hot tea at any time of the day or night.

The gentle-folk of China spend their leisure in the quiet seclusion of their gardens which the tourist occasionally glimpses through the round moon gate. The garden of China is a sort of retreat from the confusion of affairs. Here the Chinese gentleman feels



himself at one with Nature. Gazing at the Lotus which grows from the muddy bottom of a stagnant pool, he philosophizes as did the Chinese scholars of old on the transitory distinction between primordial slime and mud, and perfect beauty.

The garden in China is a civilized spot, not, as it frequently is in America, a bit of nature caged within a garden wall, or a spacious estate wandering off to untouched wilderness. A Palm or Banana tree or a Tree Lilac is about the only large vegetation for which there is space. The rest must be miniature. If a mighty Fir from the mountains or a giant forest tree is wanted, it must be suggested by a dwarf with gnarled trunk and straggly branches, planted in a jade green pot beside the garden walk. Where space is so limited each tree

In the courtyard of the monastery of Celestial Peace, potted plants border the fish pool and a tangle of Bamboo and flowering vines relieves the dull gray of the temple roofs ast be confined to a pot.
Commese gardener rarely sets out
as charges in Mother Earth herself,
for the potted plant is far easier to
protect from hungry insects, and to
move when past its prime.

The principles of landscape gardening in China are rather difficult to state, for instead of esthetic or horticultural rules the Chinese gardener has in mind an age-old philosophy of man and Nature which has mellowed and ripened into Chinese civilization. He aims to make the garden a bit of Nature which will form a congenial setting for the scholar's thoughts in leisure hours. Nature must not obtrude, must not be wild or hostile. The garden scenes and vistas must suggest the paintings of Chinese artists and the descriptions of her poets

In Canton the houses are built so close together that the only chance for greenery is the small inner courtyard which is called by the Chinese "heaven well." Courtesy of the Canton Christian College



and essayists. Thus the garden becomes a sort of stepping stone or link between humdrum, everyday life and the life of literature and poetry. It is a bridge by which the mind passes from the actual world to the ideal.

The Chinese does not take life as solemnly as does his Western cousin. The forms of life have been ordered and perfected for centuries in the Middle Kingdom, so little thought need be given to convention. Always knowing what is prescribed for each occasion, the mind is free from doubts and inhibitions which fetter the less mature life of the Westerner.

The urbanity and complacence of the Chinese mind are reflected in the garden. Nature is both beautiful and amusing. No garden is complete

(Continued on page 138)

Fa Te or Flowery Lands, an ancient garden in Canton, is famous for its Chrysanthemums and Roses. The inscription over its gate reads: "Within this gate greater beauty awaits the eye"

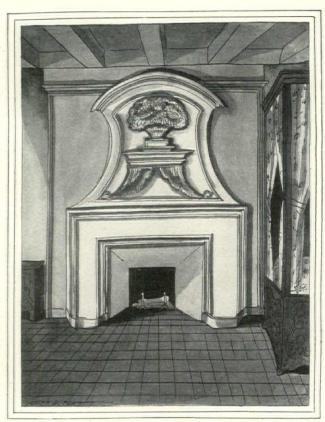


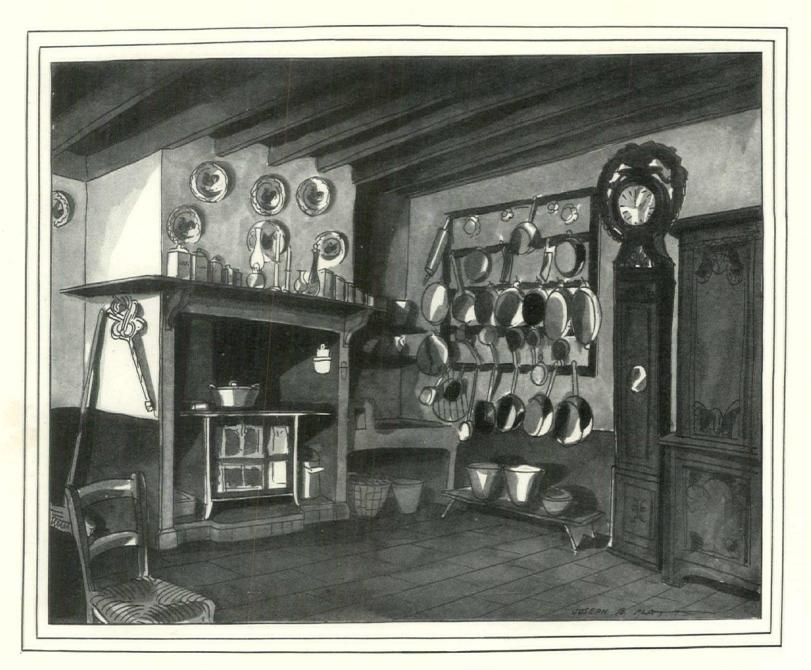


(Right.) In this 17th Century bedroom freplace crisp moldings support a carved acanthus leaf motif which in turn holds a basket of fruit and flowers. The chimney front is framed in moulding

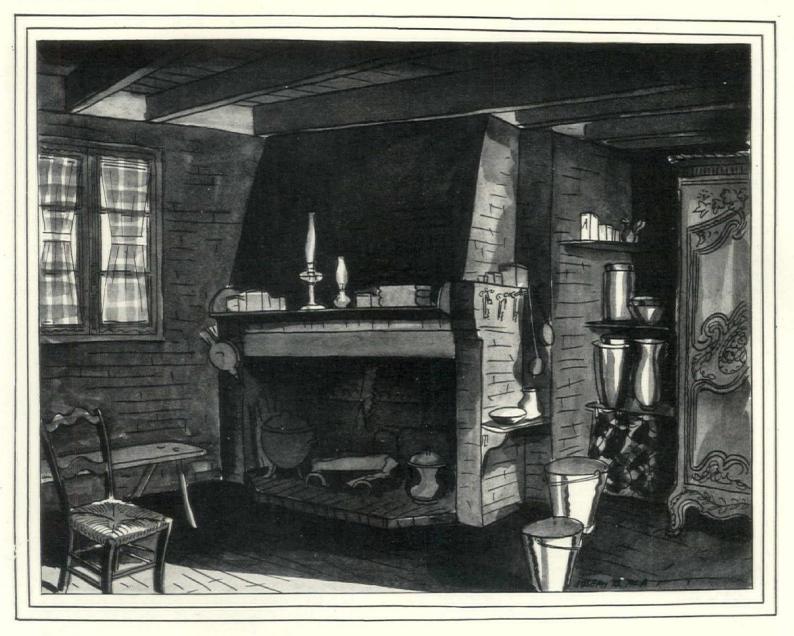
(Left.) This graceful living room fireplace, also dating from the 17th Century, is cut out of soft stone and washed with pale pink plaster. In keeping with the simple surround is the over-mantel

(Below.) A typical Normandy kitchen in all its proverbial pot and pan glory. The chimney is brick coveredwith plaster painted cream white. The casserole rack and bench are a reddish brown

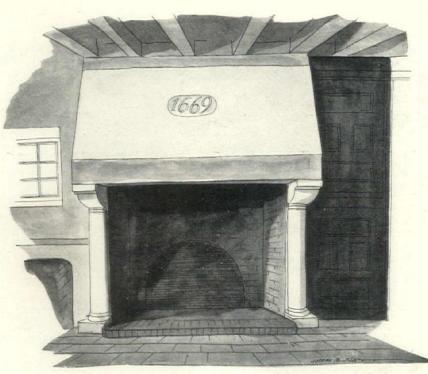




March, 1926



Above is a country kitchen entirely practical in the minds of its tenants. The brick walls and chimney, at one time painted white, now give the effect of having been antiqued with amber and black. The mantel shelf is dark wood and the floor from constant scrubbing is a lovely rose color



The supporting columns of the chimney piece in the kitchen sketched at the left are stone tinted a soft, warm color. The hood is brick covered with plaster and ornamented with the date in an oval. At the right is a cupboard with oak paneled doors and at the immediate left is a stone sink

FIREPLACES FROM NORMANDY

FURNITURE OF ALSACE AND LORRAINE

Although Close Neighbors, These Two Provinces Display Quite

Different Cultures In Their Rustic Pieces

HENRI LONGNON

THE provinces of Alsace and Lorraine have been so closely linked in our minds during the past few years that it is difficult to believe that in reality they have so very little in common. In fact, it is not exaggerated to say that their only tie is their geographical proximity which binds them into a buffer between Latin civilization and German Kultur. Their artistic traditions, especially as regards rustic furniture, are so entirely divergent that it were far better to consider them separately.

Alsace is a mere corridor deeply imbedded between the Vosges Mountains and the Black Forest, through which flows the Rhine, that international waterway of Occidental Europe uniting the North Sea with the Mediterranean, joining Italy to Flanders. By this means the Renaissance movement of Italy worked its way northward through the provinces, and reciprocally the French influence worked eastward into Bavaria and Austria.

One might even consider Alsace as a clearing house where the diverse artistic influences of all Europe met before dispersing, and in consequence have left a most complex impression on the regional furniture.

Most household belongings of the Middle Ages having completely disappeared through constant use, we must content ourselves by following the evolution of Alsatian rustic furniture from the period of the Renaissance.

As we said before, this influence came north from Italy during the 16th Century and brought with it a type of furniture that was strictly architectural. The Alsatian cupboard and wardrobe are veritable dwellings, built high with columns and pilasters. Their façades are ornamented with doors and windows, painted in relief, while their pediments and casements are outlined by heavy moldings.

At first extremely simple, this style of cabinet-making gradually became more and more complicated, finally leaning entirely towards its Eastern tendencies and linking up with the furniture of Switzerland, Austria and Germany.

Although at the end of the 16th Century a distinctly French influence (the Burgundy school) made itself felt for a time and tried to allay the ornamental inundation, nevertheless when Alsace became united to France under the reign of Louis XIII, the Italian manner was the one revived, as can be distinctly seen in the overloading with bronzes, marquetry, veneering, etc. Neither is the Flemish influence completely absent. It constantly betrays it-

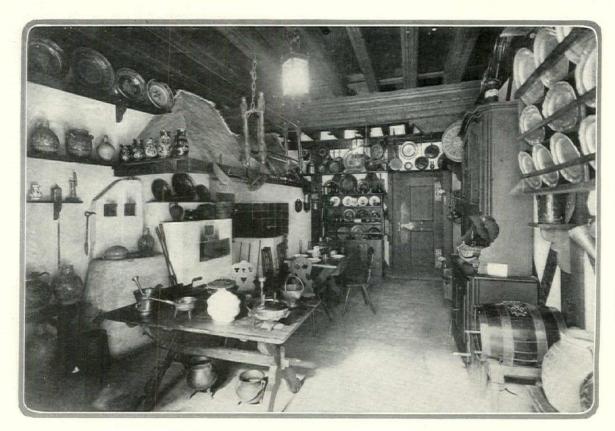
self in the thick-set, massive and even dumpy looking wardrobes, which are the pieces of furniture most characteristic of Alsace at this period.

It was about 1720 that a real French movement began to be distinctly felt in Alsace. At the same time that it modified and lightened the proportions it substituted for the furniture of bygone days the *meuble à la française*, conceived as a wooden structure, having determined organic laws and its own decoration, born of its shape. It was then, and then only, that Alsace adopted the "style Louis XIV."

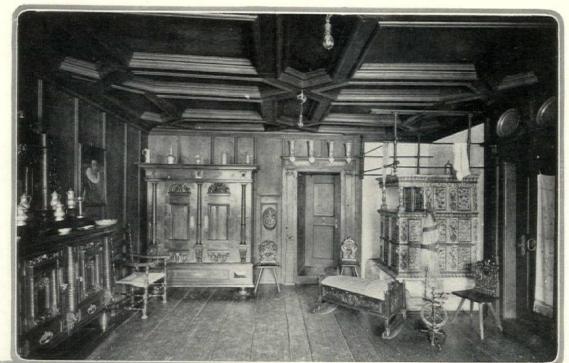
The Louis XV style first appeared about 1750 but had little vogue. It was generally found too delicate and too elegant. On the other hand, Louis XVI, Empire and even Louis Philippe flourished vigorously; the return of the above-mentioned styles to the clear-cut architectural shapes and to imposing proportions was too much in sympathy with the traditions of the Alsatians, too pleasing to their taste, not to be generally accepted.

Furthermore, and principally in the art of chair making, appears still another influence. Those Alsatian chairs, so characterized by their openwork backs and their diverging legs, but whose general type may

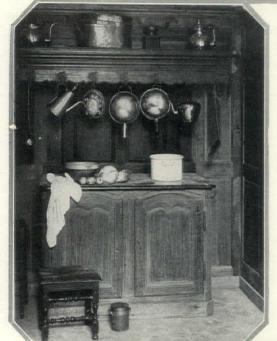
(Continued on page 132)



The kitchen of a good-sized Alsatian house. Aside from the wardrobe which is Louis XV, the pottery, the pewter and the rest of the furniture are German in the tendency of their design and execution



The "stube" in an Alsatian home, reconstructed in the Strasbourg Museum. The buffet and wardrobe are of the heavy Renaissance type. The rush-bottom chair is Louis XV and the side chairs Renaissance

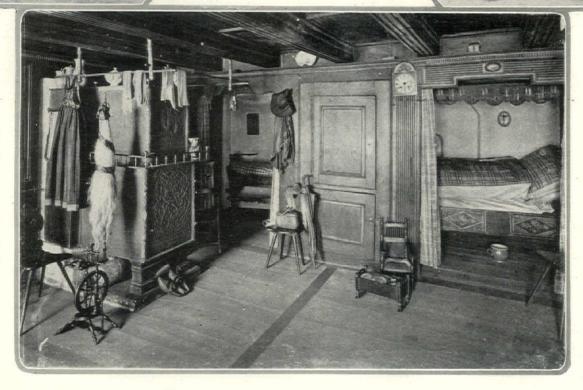


(Left) A Lorraine buffet built into the jog of a wall. Above it a deep cornice of carved oak supports a collection of brass cooking utensils that add color and light to the somber oak background. The French influence is evident here

(Right) A room in a private house in Lorraine, showing furniture, pewter and china characteristic of that province. Rustic furniture in Lorraine reflects more of the French influence than is evident in the furniture of Alsace



In this Alsatian bedroom the alcove forms a separate room. The framing of the bed alcove is Louis XV in style whereas the general furnishings date from the Renaissance up to the Revolution



THE FAMILIES OF VARNISH AND ENAMEL

Two Groups Whose Members Have a Wide Variety of Uses and an Ability to Perform Their Duties Well if You Give Them a Fair Chance

ETHEL R. PEYSER

USUALLY we blanket under the name of paint everything that colors and varnishes, including shellacs, paints, varnish, stains and enamels, and we are prone to use them the same way. This leads us into errors and we wonder why we have not had the success with our re-surfacing that is advertised in the public prints and that the cognoscenti have in using them. To obviate some of the lack of understanding we shall bend our effort in this necessarily short account of varnish and enamels, and leave shellacs, stains and paints for another day.

In order to clear the decks, we will dismiss paint by saying that it is color ground into oil. Varnishes are of many kinds; some are of gum resin fixed in oil, usually vegetable oil, with metallic salts to make drying easier and sufficient volatile liquid to give the liquid flowability. This is an oil varnish. The spirit varnishes are of gum resins too, in volatile liquids, and the Japans (varnishes) also are of many different kinds. Decorators' Japans are usually dark varnishes with asphaltum in them to make lustrous surfaces for metals, and the painters' Japans are of metallic salts, a minimum of gum resin and volatile liquids. The Japans add luster when added to paint.

The origin of the word varnish is rather interesting. According to Mr. G. B. Heckel this is its ancestry: "It is derived from the name of the beautiful Greek, Berenice, Queen of Cyrene, wife of Ptolemy Eugertes, King of Egypt about 250 B.C. She is said to have sacrificed her beautiful hair, in the temple of Venus, in fulfillment of a vow for her husband's safe return from a campaign in Asia. It disappeared from the altar during the night and was discovered by the astronomer Conon, as a constellation in the Milky Way. Amber was later likened by the Greeks to Berenice's hair and called Vernix and its Italian form Vernice and our word Varnish. The German name for amber is Bernstein or Berenice.'

WHAT VARNISH WILL DO

When considering the use of varnish it must be remembered that it is not only to enhance the beauty of surfaces but it is also to increase the durability of that upon which it is spread. Furthermore it adds luster and hardness to other applications under it and excludes gases, liquids, vapors and atmospheric vagaries from the surface

to which it is applied. Then too it should prevent corrosion, decay, decomposition and stave off frictions from the surface to which it is applied. Therefore it should be waterproof, hard but elastic.

There are varnishes on the market that cannot whiten when subjected to water, fresh steam, or weathering; that resist much rutting when things are dragged over it, that protect like the film they should be and are used not only in their color capacity (when they have color) but as a protective—or as we like to call it, an elastic glass-like covering. In the last analysis a good varnish is like an elastic glass in so far as it seals, protects and is transparent.

Its first cousin is enamel, which is briefly varnish into which color has been put. Enamels are used to cover and obscure the surface upon which they are laid; you do not see the grain through enamels. Varnish brings out grain with a pale amber color.

But with varnish stains, you do see the grain through them. This is what must be remembered. Varnish stains are for spreading on surfaces through which the grain is to be visible. If you remember this you will not ask for a red stain. You may ask for a stain to put on mahogany, oak, etc. In brief, then, varnish is usually a transparent covering, enamel always an opaque, and varnish stains always transparent.

ENAMEL FINISHES

Contrary to the common idea of enamels, they can be lustrous, dull or medium in luster. Some of them are beautiful when rubbed to a dull finish. They are usually lustrous and brilliant when first applied, but the proper treatment reduces this brilliancy if desired.

Turpentine, an expensive ingredient, is one of the principal thinners of varnish and enamels, hence do not be fooled by bargain counter materials. You will not be getting what you should have. Linseed oils, China wood oil and other vegetable oils of rare and expensive brands are also used, with the resins, mineral dryers, etc. Hence you will never have any luck with poor varnishes or enamels which, to be good, must be made of expensive materials very carefully assembled.

A varnish dealer one day was passing by a building that was being resurfaced. He saw that the painter had bought color varnish. This is used to put over the last coat of color when coating automobile bodies or

such surfaces. It is the rubbing varnish with a deep color and the fact that it is for rubbing down would show you that it couldn't last unprotected on the side of a house. Yet the painter was using this very expensive coloring, when he should have been using either a waterproof paint or a weatherproof or colored enamel, not color varnish. This was probably due to the fact that the purchasing agent for the firm for whom the painter was acting bought color varnish instead of colored enamel. Color varnish is made by grinding colors in a rubbing varnish made inelastic so that it can be rubbed readily. Enamel, on the other hand, is made by grinding color in an elastic weatherproof finishing varnish.

TO GET GOOD RESULTS

Many people have no luck with varnishes and enamels and claim that their results when used are not what is guaranteed for them by the makers. They have bad luck because they do not apply them correctly. You should take 8/10 of the time for preparation, 2/10 of the time for application and as long as possible for drying. Of course in the nature of the human being few will do this. However, anyone could easily give more time to the preparation of the floors or whatever there is to cover than they do at present.

Another disastrous thing that many do when they varnish or enamel is to put shellac underneath the varnish. This will limit the durability of any varnish or enamel. For with shellac underneath you are putting a crackable, brittle coating under an elastic one, you are putting a material with water in it under a waterproof coating. Changes in temperature will draw together the moisture sealed under the shellac. In the presence of water shellac whitens and these blemishes are seen through the transparent varnish coat. In extreme cases blisters will rise up through the varnish or enamel. Never use shellac in this way. If your floors are waxed, scrape off and "chemical off" the wax before putting on the varnish or enamel, because varnish cannot dry over wax. Remember always to remove all traces of all removers, because they contain wax. People are prone to put shellac on because it dries fast and you get the work done.

Varnishes, then, are of many kinds, are without color and are transparent, and when they are opaque with color they are

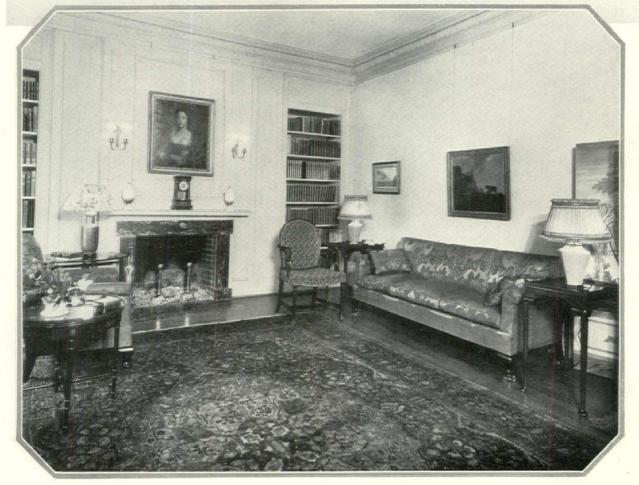
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A LITTLE PORTFOLIO of GOOD INTERIORS



The background of this Directoire hall affords an interesting study in contrasts. The wall above the sofa is paneled in small squares of mirror and flanked by plain panels outlined with old paper borders in green, black and white. On the opposite wall is a section of the Cupid and Psyche paper bordered in the same manner. The dado is light mottled green and the Directoire sofa is covered in green silk. McMillen, Inc., decorators





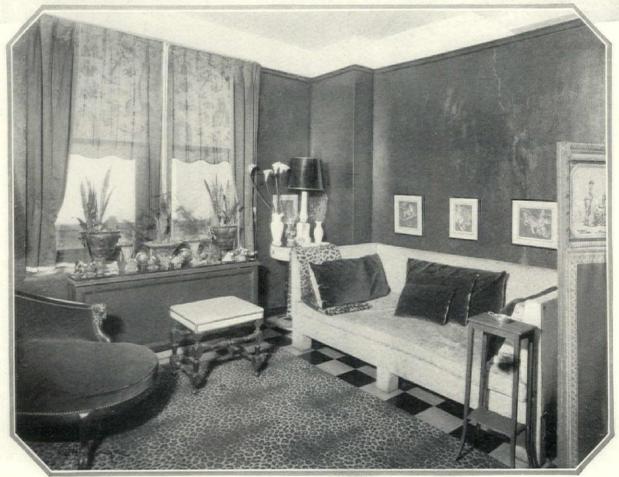
An arresting use of mirrors is a feature of this living room in Lake Forest, Illinois, the home of Mrs. Prentiss Coonley. Between the pilasters are mirror panels outlined with antique gold moldings. Green walls and henna damask curtains. Miss Gheen, of Chicago, decorator

As a background for the interesting assortment of fabrics, the fine old paintings and the Oriental rug, the walls in this 18th Century living room were painted a neutral putty tone. Green is the predominating color in the furnishings. Walter Johnson was the decorator



The pictures on this page are of the living room in a man's apartment on a roof—the home of John Mc-Mullin, in New York City. The color scheme is an interesting blending of brown, beige and sepia, accented by the tawny yellow in the leopard skin rug

The window end of the room shows the comfortable sofa done in beige damask, the black and white corner table with its graceful white Bristol glass ornaments, and the radiator box holding a collection of shells, small figurines and decorative Cacti. Elsie de Wolfe, decorator



Amemiya



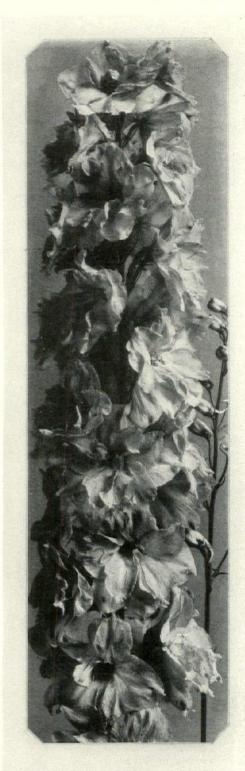
CHOOSE LARKSPURS

RICHARDSON WRIGHT

WERE I ever exiled to an island and that island was at all capable of growing flowers, there are five families I would choose to take with me. Roses would lead the list because, despite its exactions and its foes, the Rose is still and always will be the Queen of Flowers. Peonies would come next because of their abundant bloom and length of blooming season. My third choice would be one of the rockery plants, preferably Primulas, because in every garden there ought to be some flowers that can be enjoyed only on the knees. Chrysanthemums would come fourth, for the glory they give the garden in its waning days. And my fifth choice would be Larkspurs.

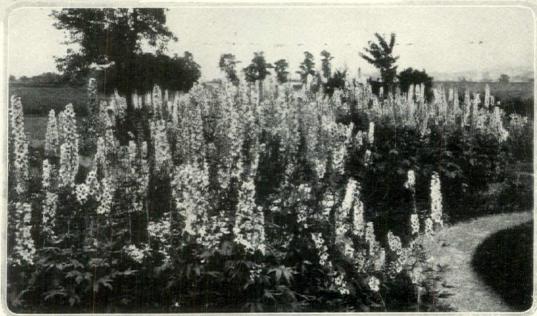
Like good wine, the Larkspur needs no bush, but people who haven't grown it and its cousins or have grown it indifferently, may appreciate a few words on its culture. I have grown several different strains in my garden, some of them more successfully than others, but none without merit. Some were from seedsmen, some from the collections of enthusiastic Larkspurites. Practically all the strains were raised from seed; only in the case of a white Larkspur did I start with a plant.

As the great fun in gardening is starting at the beginning, let me start this screed at the point where I al(Continued on page 158)



Mc Farland

The ideal perennial Larkspur should give about two and a half to three feet of bloom and the stalks should rise nine to ten feet above ground



Mauves, blues, purples and a white are available in the tall blooming kinds, and the eye can be black or small and unpronounced, preferably the latter

No flowers massed in a border afford such exaltation to the spirit as Larkspurs. They require work, but they repay amply any attention given them

WHAT MAKES COLONIAL ARCHITECTURE

Some of the Contributing Details

J. F. HIGGINS

THE earliest settlers in America built very crude huts or cabins. Architecture in those times was governed by sheer necessity of using the very first materials available, and although this type of home is interesting historically we shall deal only with details which were used in the later years (from 1700 to 1800), and which may be used in the Colonial style of home we build today.

When the colonists were ready to build better and more comfortable homes, it was natural that they should use as their standard the houses to which they were accustomed in the Mother Country. These English houses, built in the years just preceding the Georgian period, favored the Gothic in type and were, as all houses in that country were, with very few exceptions, built of stone or brick. This style was not well adapted to either the materials most easily obtained or to the climatic conditions in this new country. As time

Elements of the Southern Colonial style are found in this residence at Freeport, New York, designed by Dwight James Baum. The tall columns and Palladian window are features









(Left) An example of very late or Post-Colonial architecture as found in the Shreve House, at Salem, Mass. It was built in 1825

The wooden fans over the door, the two leading lights and the paneling of the door itself are typical Colonial details. D. J. Baum, architect



Examples of mid-18th Century decorative detail can be found in the Almodington Room in the American Wing of the Metropolitan Museum. The shell-topped cupboards and deep window reveals are features. The wood of the walls is native yellow pine



went on, therefore, the very different conditions in the Colonies became obvious and were met by gradual changes in house construction. These changes became apparent in the designs of the period and resulted in the first steps toward a new and distinct architectural style.

At this time there were very few architects in America. Ship-building, however, had early become a major industry and the skill of the Colonial ship builders and designers was recognized throughout the world. When houses were to be built, these men were called upon. They fell to this new work with their characteristic skill and thoroughness, aided by imported books dealing with architectural styles. We also must give credit to those gentlemen educated abroad who, in the

Patriotic symbolism is found everywhere in this room, which was assembled from various houses in Philadelphia. Note the carving of the door and the paneled wainscot and chair rail



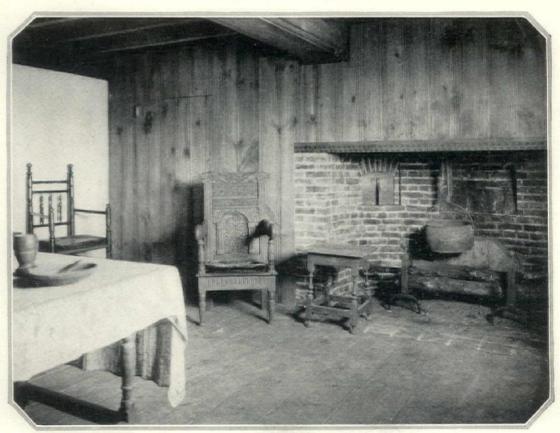
A parlor from Haverhill, Mass. The woodwork is painted a grayish green and the walls are covered with a French hunting scene wallpaper of the period. This and the other three interiors are shown by courtesy of the Metropolitan Museum of Art

course of their education, had received architectural training. Through them the Colonial style came somewhat to resemble its English contemporary, the Georgian.

Extreme simplicity is apparent in this early Colonial work. As the style grew, its details became more and more elaborate, as is true in the growth of all other styles of architecture. It is only in the very late 18th and early 19th Centuries that we find the very ornate detail which has come to be associated with the Colonial period.

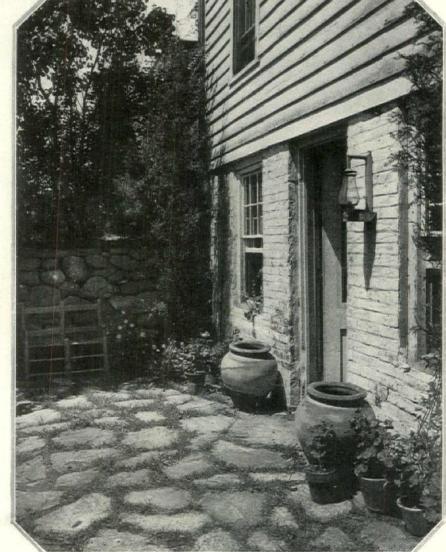
To the Colonial architectbuilder, the entrance was one of the principal, if not the principal feature of the house. By following the Georgian precedent, the more pretentious had doorways (Continued on page 134)

Compare the austerity of this 17th Century "Keeping Room" or parlor with the later examples. Walls are covered with molded paneling. There are touches of color around the fireplace

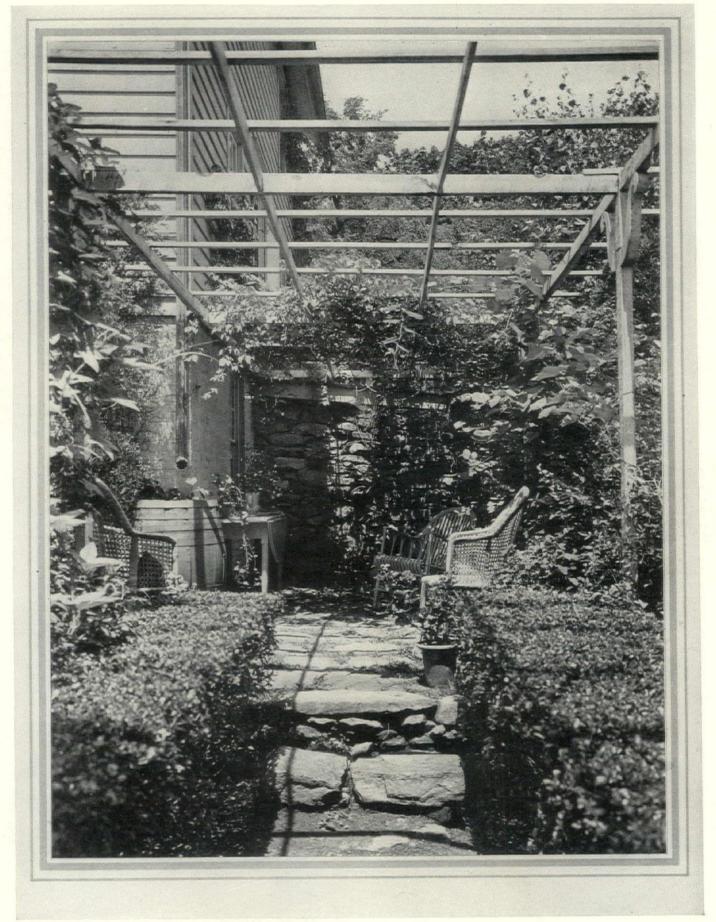




The path on the opposite page leads up to a paved terrace where grass grows between the stones and pots of flowers range down the walls, with two oil jars marking the simple downstairs entrance. Mrs. Clark laid out the gardens



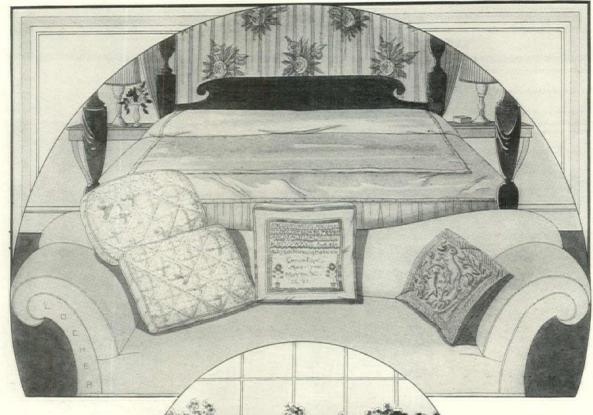
Inside the terrace door lies the living room with its cavernous fireplace. The library is to one side. Apart from putting in the necessary creature comforts, the house was left as first made by its Yankee farmer many years ago.



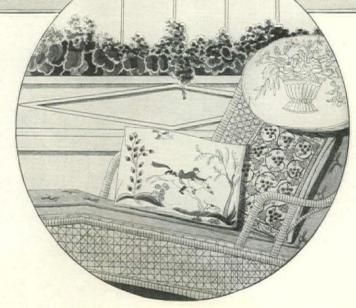
Kenneth Clark

A NEW ENGLAND DOORYARD GARDEN

The early gardens of New England were "near" gardens, laid out near the house. When one takes a New England farmhouse and restores it, a "near" garden is all that is historically required. A spread of lawn, a border of flowers and an arbored terrace are enough. These are found at the home of Cameron Clark, architect, at Greenfield Hill, Connecticut



The pillows in the left corner of the sofa above are covered in quilted taffeta and finished with boxed, corded edges. Elsie Sloan Farley. (Center) Aninteresting cushion made out of an old sampler. The Pillow Shop. In the right corner is a taffeta pillow quilted in a hunting design. It is from Eleanor Beard



(Left) The amusing hunting design is in colorful wool embroidery on tan linen. The Lenox Hill Studio. Next to it is a pillow cover of natural linen with Spanish stitching in deep purple. The round pillow is natural linen with a quilted basket design in a con-trasting shade. Guild of Needle & Bobbin Crafts



One side of the pillow above is covered in yellow linen ornamented with a crewel-work flower design.

The reverse side and the corded edge are blue-green taffeta. Guild of Needle & Bobbin Crafts

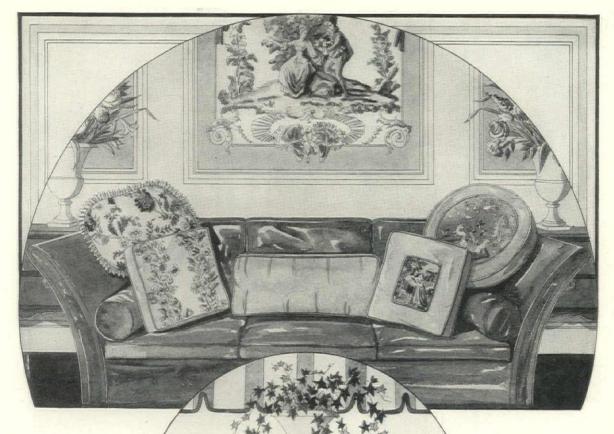


An amusing pillow for a child's room is covered in taffeta ornamented with a colorful needlework motif in the center and trimmed at the edges with contrast-ing French ribbon. Courtesy of the Pillow Shop

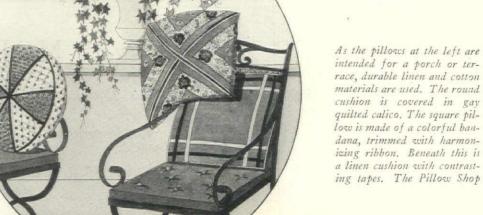


The basket of flowers and the wreath design on the black satin cushion above are done in softly-colored wool. If preferred, linen in a light shade may be used in place of satin. The Lenox Hill Studio

PILLOWS FOR MANY PLACES



(On sofa above) Oval pillow of brocaded linen and contrasting taffeta ruffle. Pillow Shop. Square pillow in blue and rose brocade. Rose Cumming. Center. Oblong bluegreen taffeta pillow trimmed on boxed edges with varicolored ribbons. Right. Satin pillows with needle-point medallions. Rose Cumming



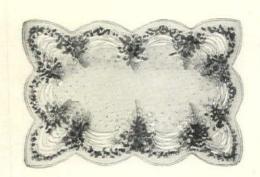
THE PILLOWS ON THESE PAGES MAY BE PURCHASED BY GOING OR WRITING TO THE SHOPS MENTIONED, THE ADDRESSES OF WHICH WILL BE FOUND ON PAGE 140



The pillow above would be interesting in a Spanish or Italian type of house. It is copper colored silk ornamented with an early Italian tassel exitch in vivid shades. The Guild of Needle & Bobbin Crafts



A charming pillow for a country house living room or bed room is shown above. It is of flowered chintz trimmed with pinked ruffles in three shades of plain glazed chintz. It is offered by The Chintz Shop



Pink chintz with a design of white swags and clusters of small roses and green leaves makes the pillow above. The edges are cut to follow the line of the swags and bound with glazed chintz. The Chintz Shop

CUSHIONS OF COLOR AND VARIETY



In this delightful drawingroom the curtains and valances wrought in green and red on a creamy ground, were executed by ladies-in-waiting to Queen Anne

OLD EMBROIDERIES and MODERN ROOMS

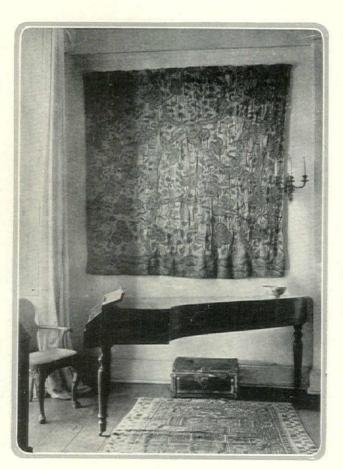
Revived Interest In This Domestic Art Looks

To Its Past for Inspiration

MARY B. SHEARER

HE art of embroidery is probably nearly as old as the earliest human civilization. The prehistoric lake-dwellers of Switzerland possessed bone needles of an astonishing fineness. The needles remain, but the stuffs they embroidered have perished. The earliest surviving piece of embroidery is Egyptian, and dates from the 16th Century B. C. It is a fragment of a robe marked with the cartouche of Thothmes III, discovered some twenty years ago, and now in the Cairo Museum. In countries where the climate is damper than in Egypt, textiles have but a poor chance to survive through the centuries, and our knowledge of Greek and Roman embroidery is small. Fragments of Greek work in various colored wools, discovered in the Crimea, and dating from the 4th Century B. C., are preserved in Petrograd.

Space does not permit us to give even an outline of the history of embroidery, and since these early pieces are rare museum pieces, pos-



sessing very little practical interest for the collector, it will be best to leap across a gulf of centuries to the time when the embroidery which still can be collected was being made.

The 13th Century was the golden age of English embroidery—Opus Anglicanum, as it was called on the Continent. The work of the succeeding centuries, though of high quality, never attained the refinement characteristic of the best products of the earlier period. The embroideries of Elizabethan and Jacobean times, however, survive in sufficient quantities to make them practically interesting for the collector.

Large pieces of this boldly patterned embroidery were made for (Continued on page 122)

Over this old Italian piano of olive wood hangs a fine piece of Jacobean embroidery. It is worked mainly in greens and browns, blended with touches of other colors

TWELVE SHRUBS for TEN REGIONS

An Expert's Selection of Distinctive and Satisfying Flowering Kinds for Representative Parts of the United States

E. H. WILSON, V. M. H.

SELECT a dozen O SELECT a dozen best climatic regions of North America is a task as difficult as it is onerous. In this attempt it is not even suggested that finality is approached. Every one of each dozen is a first-rate plant and the whole are of the cream of shrubs introduced into cultivation. I have kept entirely to shrubs, leaving out climbing plants and trees and also the Conifer and Yew tribes. Roses, except two or three species, have been omitted since selections of these have been often made.

That there must be divergence of opinion in any such selection is perfectly obvious and is exactly what should be. Many magnificent shrubs are perforce omitted, but any one of those mentioned here is worthy of a place in American gardens.

For Northern New England and Adjacent Canada

Berberis amurensis and B. vernae—Barberries; Cornus

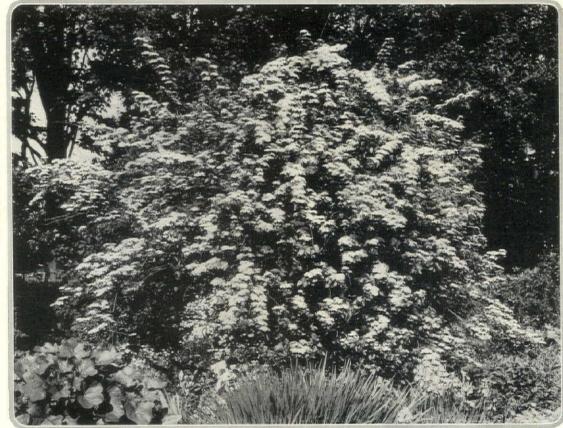


stolonifera-Red-osier Dogwood; Halimodendron halodendron-Salt-tree; Hamamelis vernalis-Vernal Witchhazel; Hydrangea paniculata praecox-Early Panicle Hydrangea; Lilacs; Lonicera tatarica and varieties-Tatarian Honeysuckles; Mahonia aquifolium-Oregon Hollygrape; Malus sargenti-Sargent Crab; Prunus tomentosa-Nanking Cherry; Rosa spinosissima altaica-Altai Rose; Spiraea trichocarpa and S. vanhouttei-Spireas.

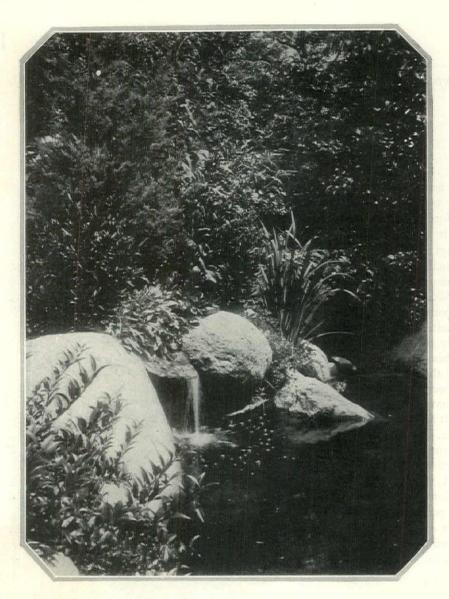
REGION OF NEW ENGLAND

Azalea calendulacea and A. kaempferi—Flame and Torch Azaleas; Berberis thunbergi and B. vernae—Barberries; Cotoneaster horizontalis and C. soongorica—Cotoneasters; Enkianthus campanulatus—Redvein Enkianthus; Euonymus radicans and varieties—Wintercreeper; Forsythia intermedia spectabilis (Continued on page 166)

Although Hydrangeas are falling a little into disfavor through the overuse of H. paniculata grandiflora, there are some thoroughly worthwhile species. For northern sections try H. paniculata praecox, and in warmer regions, H. macrophylla



The Spireas are extremely desirable in many situations. S. vanhouttei and S. trichocarpa may be chosen for northern New England and nearby Canada, with S. henryi (shown here) as an excellent selection for New England in general



There is no suggestion of artificiality about this manmade pool, no intimation that the water dropping so naturally into the pool really comes from a little reservoir filled by a pipe concealed in the shrubbery. It is in the garden of William B. Thurber, Milton, Mass.

WATER IN THE ROCK GARDEN

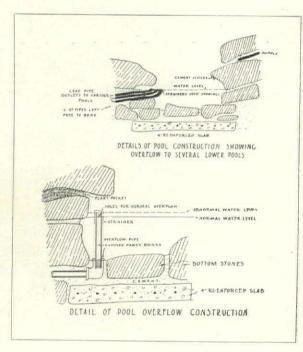
By the Intelligent Introduction of a Miniature Stream, Cascade or Pool a

Pleasantly Enlivening Touch Is Added to the Garden Plan

CARL STANTON

THOUGH standing for rugged strength, and capable of awing and inspiring the beholder when arrayed in the glorious colors and shaped in the huge canyons of the West, rocks can hardly be termed "alive." That is one reason why water is rapidly becoming looked upon as a necessity in the rock garden. It gives a touch of life and song that even the plants cannot equal.

In gardens that are typically naturalistic, like the rock garden, a fountain is in most cases decidedly out of place; water effects must be produced in a manner that is in keeping with the style of the garden. To introduce water in such a way as to appear entirely natural is one of the trickiest and most interesting problems of the garden designer.



Except in rare cases where circumstances permit a brook or a spring overflow to be diverted through the garden, one must take into consideration the cost of artificially supplied water. Occasionally one sees expensive spillways and pools built on a scale that certainly would not have been adopted had the designer taken into consideration the cost of keeping them filled with water.

Careful thought will show that the ideal way to obtain an effect of a goodly volume of water without becoming uneconomical is to use the water over and over. Then there is

The absence of a natural supply need not deter one from developing a water feature in the garden. A little ingenuity in pipe arrangement makes it possible to use water from the house system

only the initial cost to worry about. Another scheme that aids in giving the same effect is that of having the runways and pools built so small that they will appear to be running bank-full. Where the topography of the garden will permit a number of waterfalls they should be introduced, even if the fall is only for a distance of a few inches.

The waterways should be planned as the garden is being constructed so that the inlet pipe and the foundations for the basins and the sluiceways can be put in without extra digging. The natural way to build a rock garden is, like most other worthy creations, from the bottom up. This means that the pools and outlets will be put in before the runways and the inlet, so the designer must have some idea in his mind as to how the water is to fit into the general scheme even before he starts building.

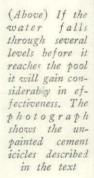
The bottom of the pool is best made of one piece of stone, unless it is so large that this would be impractical. Then a false bottom consisting of a 4" reinforced concrete slab should be used, and the stone bottom constructed on that by imbedding flat stones in a cement mortar. If the sides can rest on the concrete slab, so much the better, for then the whole pool will give

and settle as one unit, and will not crack open and leak as readily as will one that is built up without a one-piece base.

A large pool that leaks is a decided nuisance. By carefully watching to see that each stone that is used as a part of the pool is bedded and backed with cement this can be avoided. A small pool should have a drain built into it near the bottom which is kept open during the winter to keep ice from forming and damaging the construction.

Natural pools are rarely round, nor are the sides usually even, so it behooves one to use great care in building the pools for the rock garden to see that they retain their naturalistic lines. Stones should not be placed evenly; stratification should be evident somewhere; the bottom can be uneven; a rock-island or peninsula might be used; or a cave built into one side. Of course the concrete work should show as little as possible.

Where water is to fall into the pool, the wall should be hollowed back and a lip made at the top to throw the water forward instead of allowing it to trickle down the wall where it will not be seen. A projecting point or ledge on which the water will splash (Continued on page 130)





The floor of the pool is made of flat stones imbedded in soft concrete so that but little of the latter will show when the job is completed. Beneath them is a concrete slab four or six inches thick

WHAT IS GARDEN DESIGN?

Here Are Set Down The Simple Principles for Making An American Garden

ELIZABETH BOOTES CLARK

IT IS difficult to talk about garden design and lay down rules, for every proposition brings with it different surroundings and the beauty and chief charm of a design are its relation to the existing ground and outlying country. Thus a garden scheme may be an ellipse, a square, a circle, an oblong. One is asked, "Do you prefer a square or a circular garden?" I always answer, "Either"—"both"; for it is not the design one prefers but the one which fits. You cannot suit a round peg to a square hole.

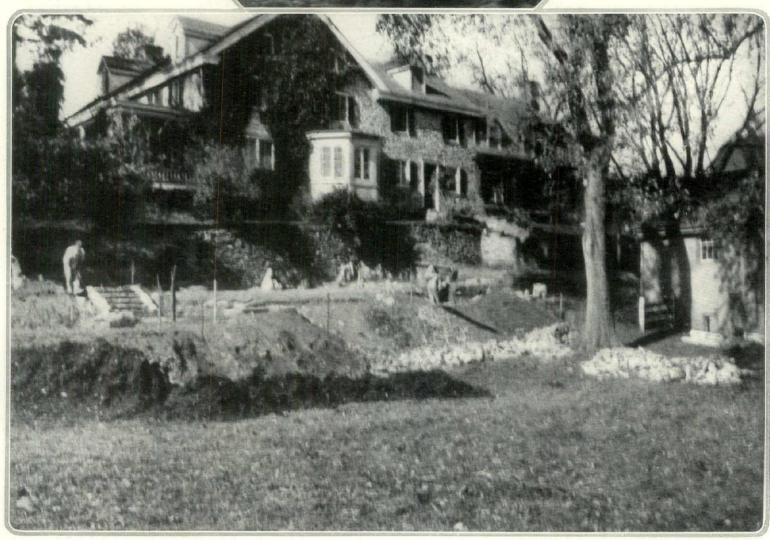
Have the general lines of your

A bird's-eye view of what became a blue and yellow garden shows a formal design in the beds and Irish Junipers used for accent points, Beds are Box-edged



garden fit the outline or dip of the land in which it lies, and you will find that the intricacies of the smaller lines governing beds, etc., will adjust themselves as you swing into the "feel" of it, sense the spirit of the little plot of ground which is to be metamorphosed into a nodding mass of color. Spend a quiet half-hour by yourself just brooding around over it. Brooding and "feeling" for it will put you in touch with it and the mere design will work itself out when you get to your designing. For the feeling of it (Continued on page 142)

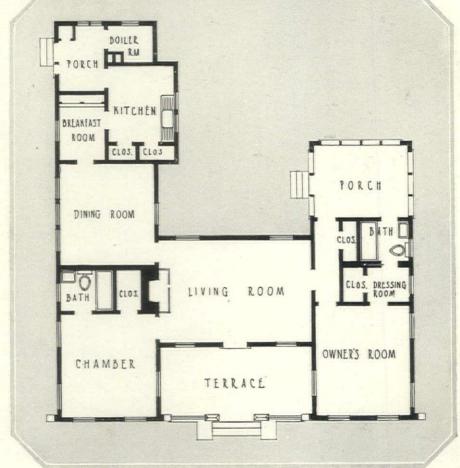
The terrace during construction. The garden tilts slightly along its length to follow the line of the top of the wall. House and wall date from the late 1700s





The home of Walter Bremond, Jr., is an amusing picture - book house in which Colonial details and a sort of Arthur Rackam style are pleasantly mingled. The position of the two front chimneys and the flare of the roof over the door are commendable features

A SMALL
HOUSE IN
AUSTIN,
TEXAS



In reality this house is a bungalow with none of the objectionable features. A bedroom and the owner's room are advanced to enclose the terrace and the wings enclose a garden at the back off the living room. The architects were Fooshee & Cheek

The home of Henry Salem Hubbell, the portrait painter, at Miami Beach, is a home built around a studio. The exterior is in the Spanish peasant style. To the right is shown a glimpse of the patio which has been screened across the top to support vines



(Below) Looking out from the patio through the front entrance. Here an old paneled door was adapted for a wicket. The floor of the patio is of vari-colored brick laid hit or miss, and the woodwork and overhead trusses of the screen roof are vermillion







The house is located a few feet back from the canal in a grove of palms. It is of hollow tile with a rough plaster finish over blue and ochre

(Left) The view from the front door across the patio to the water entrance. The house was designed and built by the owner's son, Willard Hubbell

At the water entrance gondola posts, reminiscent of Venice, frame the mirroring waters of the canal. At this point the canal is seventy-five feet wide



AN ARTIST'S HOME IN FLORIDA



Late 18th Century shutters in a house at Ampthill, Bedfordshire, made for a window of three divisions. The shutters fit back into recesses of the reveal and form paneled sides to the divisions of the window. They were designed by Henry Holland

SHUTTERS INSIDE THE ROOM

They Deserve to be Revived for the Decorative and Useful Purpose They Serve

HE first purpose of inside shutters was for defense against the enemy and protection against cold and wind. Before the era of glass windows, the feudal castle presented an almost unbroken façade save for narrow, slit-like openings just big enough for an archer to shoot through. Heavy shutters placed inside the walls protected the owners and their numerous adherents from the stray arrows of a foe. These shutters also were closed in winter and on drafty days to conserve the heat of the great hall in which the medieval family lived. Later on, in the time of Elizabeth, houses went to the other extreme and great windows filled most of the façade of a house.

The Georgian era saw a return of inside shutters. These were made possible by the deep reveals of the windows and were designed to fold back into the window casings. They served both a useful and a decorative purpose. They afforded privacy at night and their paneling was in harmony with the paneling of the wall.

The composition of these Georgian windows contributed much to the beauty and dignity of a room. In fact, so well-proportioned were their sections and so well placed that they were often left uncurtained. This custom is still found in England and in some of our Southern Georgian houses. A sheer glass curtain may be used, but the lines of the sash and the divisions of the window casing itself deserve not to be swathed in heavy curtains.

Sometimes the shutters were so designed that they formed with the window a classical design. Such, for example, is the Palladian group made by a round-topped

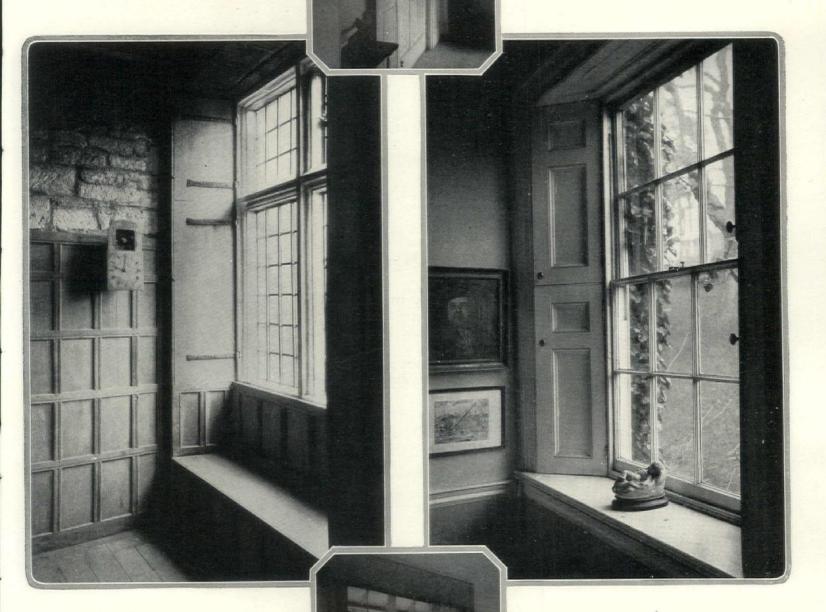
door and two long shutters, shown on the opposite page. Often the reveal of the windows was splayed back so that the inside window opening was much larger than the window frame itself. This was also found in door openings.

In many instances the shutters were made in two parts, so that half the window could be screened, or, in the doors, made in three parts. Such an arrangement, of course, did not necessitate shades.

The reveal of these windows is well worth the study of those who plan to build, for they afford delightful wide window shelves and, when extended below the level of the window, wide comfortable seats. The shutters themselves are a decorative adjunct to a room. They suffered banishment when we discarded Victorian fussiness, but they deserve to be revived.

(Right) Outside, this door is the usual design with a wood paneled base, a glass top and a rounded fan light. Inside, the two shutters form, with the door, a Palladian motif. The shutters fold back into the door casing

(Below) The important feature of this window is the unusual angle at which the reveals are splayed. A splay of this sort admits a greater quantity of light and makes the paneling of the shutters a decorative room item



(Above) Early 17th Century shutters in a house in Gloucestershire. They are divided into two lengths, a short one above the transom and a long one below. Broad strap iron hinges are used and turn buttons hold the shutters back in place

Inside shutters of a full-length window. These have hinged multiple leaves which fold over the door, so that the door can be partially or completely covered. The upper part of the door is stationary, only the two lower parts opening

SOME ANNUALS EASY TO GROW

Twenty-odd Good Sorts That Can Be Relied Upon to Provide a Varied

Wealth of Flowers Under Ordinary Conditions

ROBERT S. LEMMON

ANY way you take it, that adjective "easy" is a comparative term. It all depends on the factors in the case—the what, who, when and how. Thus, Old Doctor Croesus, if they had had such things in his day, would have found easy the drawing and cashing of a check whose dimensions would be quite out of the question for an ordinary Twentieth Century mortal.

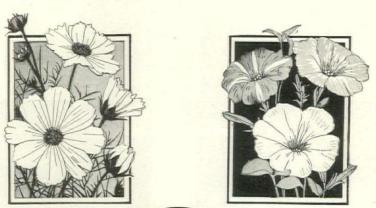
No less true are the limitations of the word when one applies it to the growing of annual flowers or any other class of plant material. In a sunless, dispirited, smoky and sour-soiled city backyard whence the last wraith of fresh air crept shamefacedly away years ago, no flower that the catalogs list would be "easy." On the other hand, there are country gardens where nothing but crass ignorance and neglect could make a failure out of a much larger list than the one which shall be presently set down.

So, in making selections of this sort, a necessary preliminary is the determination of the modifying elements which will be met. For present purposes these may be described as average garden conditions: reasonably good soil, a fair amount of sunlight and natural moisture, and an ordinary share of interest on the part of the gardener. Granted the presence of such conditions, and not assuming any particularly favorable site or wizardly growing experience, here are some definite recommendations as to what annuals to plant:

Ageratum. One of the best of all annual flowers, perhaps unequaled for edging the front of a bed, a pathway or in any other situation which calls for a fairly low, compact and long-season plant. Good named varieties are Blue Perfection, a dark blue growing to 1½' high; Little Dorrit, a white, 9" form; Mauve Beauty, 9"; and Little Blue Star, a bright blue 7" or 8" high.

Sweet Alyssum. Another splendidly adaptable low grower from 3" to 12" high. Carpet of Snow, a white, forms a dense, 4" carpet; Lilac Queen is a little taller, lavender-lilac in color; Benthami, another white, grows a foot high.

African Daisy (Arctotis grandis). A most satisfactory flower for the gar-



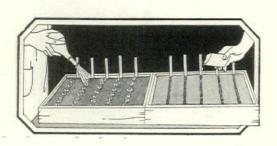
den or for cutting. Its blossoms are large, Daisy-like, on long stems, and blend white, pale lilac and lavender. It grows about 2½' tall.

Aster. Give asters a well-drained, airy location and water during dry spells, and they will reward you richly. There are too many fine varieties to be listed here, but you ought to have at least one sort



from each of the four main groups: King, Crego Giant, Queen of the Market and Branching.

Calliopsis (Coreopsis tinctoria). Sometimes 3' high, free-branching, profusely bearing small clusters of orange, crimson or gold flowers all summer long. The



named varieties are the best (see any good seed catalog).

Snapdragon. Now we're talking about something! Get a good catalog and try some of the wholly charming named kinds in the tall, medium and dwarf classes. In this one plant family could be found enough variety to stock an entire bed.

Candytuft. Grandmother's fabulous garden always had this—another proof of the old lady's good taste. You will be

especially delighted with Pink Beauty, Lavender and Empress, a large, pure white.

Cosmos. Another winner! Tall, airy as a cloud, superbly decorative at all times, it is literally indispensable. There are both early and late varieties in several colors.

California Poppy. Flowers freely from July to frost. Leading sorts are Golden West, a pure yellow; Californica alba, white; and Crimson King.

Cornflower. A splendid producer of cut flowers for the house, to say nothing of its merit in the garden. Some of the best colors are rose, lavender and white. From 2' to 3' high.

Gaillardia. Both single and double-flowered forms, if you want them. The colors are mainly whites, reds and yellows. About 1½ tall.

Sunflower. No, not what you think I mean—they're entirely too mighty for most gardens. What you really should have are the bushy ones like Dazzler, Miniature Stella (yellow and black) and Miniature Orion (cactus-flowered).

Strawflower (Helichrysum). This is included because it will give you an abundance of far better dried blossoms for winter bouquets than you can find in the shops. If you want to match some particular color scheme, buy separate varieties; otherwise, get what is called "double mixed" seed.

Marigold. Two main classes here: Tall African and Dwarf French. Both are superlatively desirable.

Morning-glory. A time-honored climber whose soul still goes marching on—forever, I hope.

Nasturtium. The tall, climbing kind needs no description. There is also a dwarf, bushy type which ought to be more known and used.

Petunia. Don't by any means over-(Continued on page 178)



A new part of Forest Hills Gardens, L. I., showing a semi-circular road arrangement, easy for traffic and giving the house every opportunity to show at its best

LAYING OUT THE LAND

Plan the Streets as Well as the House and Your Town Will

Have Permanent Character

FREDERICK HOUSTON

WHILE for several decades highly specialized and professional town planning has become usual for the large city, and for the up-and-doing small one, it has not yet been sufficiently applied to the small town, and to those suburban communities where moderate land values prevail.

In districts where natural conditions. such as hills and waterfronts, do not force an irregular street layout, unless expert advice has been sought, the gridiron or checkerboard street plan and the ensuing rectangular lot may be looked upon as characteristic of the American "Main Street." Although occasionally including park frontages where a number of blocks or checkers have been kept free and given over to planting, the regularity of this street arrangement offers little opportunity for buildings to show to the best advantage. The vistas are all open, and no buildings may be so placed as to jut out in silhouette, to excite one's curiosity from a

distance. Profiles are omitted! How uninteresting a group of humans would be if they had always to be viewed full face or full back!

In those parts of our large cities where we find the gridiron scheme, generally laid out in mid-19th Century, fine buildings have but a poor chance to be seen. The Pennsylvania Station in New York is an example of what lack of a fortunate site does for grand architecture. No distant view may be had. From a hundred feet only a portion of a front may be seen.

In hilly districts Nature's contours force winding roads, which give variety in both lot shape and level. Here individuality and beauty are gained even though there has been no initial expenditure for the town plan-

> ning architect, and only road engineering has been provided for.

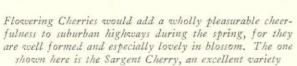
In districts where land is valuable, when the holdings are in large enough units for a residential community, the expense entailed in securing an expert to plan a sightly street scheme is frequently undertaken by a paternal holding company. This is fortunate, but the residential districts which have still greater need

(Continued on page 180)



Washington owes its layout to the brilliant French genius of Major L'Enfant. Here, in 1791, engineering and a dream of the beautiful combined to our incalculable advantage.







City conditions, so trying to many trees, do not seem to bother the English Elm. This is perhaps the best urban street tree for planting in the cold eastern parts of the country. It is known botanically as Ulmus procera

THE BEST STREET TREES



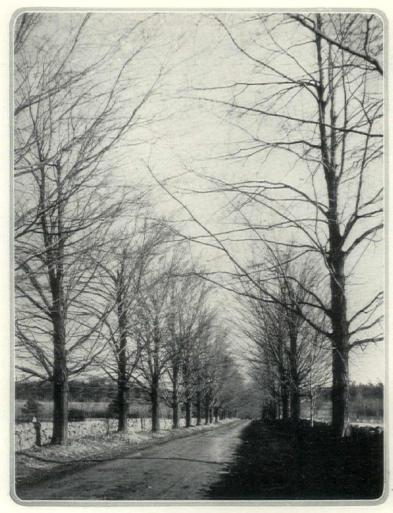
There Are Some

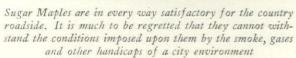
Dependable Sorts

E. H. WILSON, V. M. H.

THROUGH the good sense and fore-sight of our forefathers, the villages, towns and cities of the older settled parts of this country, and of New England in particular, possess fine shade-giving trees. Nowadays between the forces that seek to cut them down or lop their branches and those who want them left alone, these old trees are a continual bone of contention. Always there is much to be considered on both sides and usually both have merit. Only those with a full knowledge of local conditions and necessities are qualified to decide such questions. Citizens

Our American White Elm, longlived and graceful as is no other, cannot be excelled as an edging for country highways, especially where avenue effects are sought







Along narrow streets, where trees with spreading or overarching branches would be out of place, recourse may be had to the columnar form of the Lombardy Poplar. This is a fast-growing tree of almost architectural symmetry

FOR TOWN BETTERMENT

Suitable For City
Streets, Parks and
Country Highways

are to be commended for a zealous affection for the tree-legacy they enjoy, but sentiment must not be a stumbling block in the path of genuine progress.

Our cities and towns have greatly increased in size and the character of many has changed completely since their founding. Manufactories have increased enormously, affording employment to thousands of people. This has caused a congestion of buildings and a vitiation of living conditions. From the chimneys of these myriad houses and factories are vomited forth (Continued on page 182)

The London Plane, the most popular street tree, is really too broad of crown for anything except wide boulevards, river fronts and similarly spacious situations



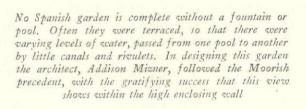


Geisler

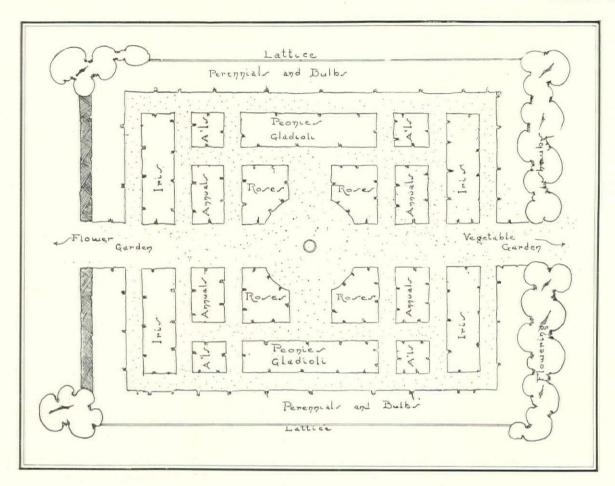
THE MOORISH INVASION

When the tide of Moors was turned back in Spain many centuries ago it was never foreseen that in another part of Spain in the New World the Moors should come again, invading with their architecture. Here it has settled in the garden of Arthur B. Classin, at Palm Beach





Another vista of the Classin garden runs true to its Andalusian prototype. Potted plants are used as a garden decorative motif in the Old World, and they are equally charming in this new environment, producing a quaintness and a color addition that can be procured in no other manner



A symmetrical plan, with fairly narrow beds in which the plants are grown in straight rows, is the best. It makes for easy cultivation and cutting

PLANS FOR THE CUTTING GARDEN

To Supply the House with Abundant Blooms Without Too Serious Inroads on the Garden Proper Calls for a Special Cutting Section

H. STUART ORTLOFF

THE cutting garden solves the problem of an abundant supply of flowers, and spares the flower garden, whose chief function is to embellish the landscape, from a too devastating onslaught of the cutting shears. It should be conveniently located, perhaps on an axis of the main garden or in conjunction with the vegetable garden. At all events it must be so placed that the picking of flowers will not occasion too much effort, otherwise the flower garden may suffer through its accessibility.

The design of this garden is strictly utilitarian. The paths should be only wide enough for use and the beds narrow enough so that it is possible to pick flowers easily and without stepping into the soft soil of the bed itself. The flowers may be arranged in straight rows, which will facilitate cutting and cultivation, or they may be grouped together and colors placed according to combinations most used for bouquets.

In selecting flowers to grow in a cutting garden we must not only seek an abundance of bloom, but we should select only such things as are most adaptable for cutting and arrangement. We should select plants which have flower stems stiff enough to bear the bloom in an upright manner, with the exception of the trailing sorts, and we must select colors which will compose well in bouquets and be in harmony with the color schemes of our interiors. Fragrance in flowers is another item which should receive consideration, for it adds so much to a bouquet.

There are a chosen few among the host of possible cutting flowers which might be termed "the best," for they rarely fail and supply us with an abundance of bloom from spring to late autumn:

Daffodils: Emperor, Empress, Van Waveren's Giant, Mme. de Graaf, and poeticus. Tulips: Early, Cottage, and Darwins. Iris: pallida speciosa, aurea, florentina, Mme. Chereau, Kochi, and Diane. Larkspur. Pyrethrum. Peonies: Duchess de Nemours, Marie Jacquin, Couronne d'Or, Karl Rosenfield, Solange. Shasta Daisy. Coreopsis. Helenium. Chrysan-

themum. Among the annuals, Asters, Zinnias, Stocks, Calendula, Marigold, Cosmos and Ageratum.

Flowers which have a delightful fragrance and therefore are admirable for cutting are as follows:

Hyacinths, Lily-of-the-valley, Iris florentina, Lemon Lilies, Clove Pinks. Peonies: Octavie Demay, Mme. Emil Lemoine, Duchess de Nemours. Roses. Lilies. Lavendar. Annuals: Heliotrope, Stock, Lemon Verbena, Tuberoses, Mignonette.

The annuals are most successful as cutting flowers, for they give such an abundance of bloom and have such a wide range of color. Practically all of them are useful, but to list a few of the most satisfactory we give the following:

Asters, Zinnias, Larkspur, Snapdragon, Sweet Peas, Scabiosa, Calendula, Marigolds, Dahlias (tuberous), Gladioli (bulbous), Cosmos, Ageratum, Verbena, Phlox, Heliotrope.

(Continued on page 190)

HOUSE & GARDEN'S GARDENING GUIDE

In the first of the following lists the perennials and annuals are alphabetically arranged. The directions refer to methods of planting and propagation, and to the most suitable soil and exposure. The lists comprise leading species and varieties. The nomenclature used is suggested by "Standardized Plant Names."

ANNUALS AND PERENNIALS

COMMON NAME	BOTANICAL NAME	COLOR	HEIGHT	SEASON OF BLOOM	DIRECTIONS		
				ANNUALS			
Ageratum Alyssum, Sweet Amethyst Amethyst Arctotis, Bushy Balsam, Garden Butterflyflower Calendula California-poppy Calliopsis Cape-marigold China-aster Clarkia Cosmos, Common Crowndaisy Four-o'clock, Common Godetia, Whitney Lobelia, Edging Love-in-a-mist Mignonette, Common Portulaca, Common Forelaca, Common Forelaca, Common Forelaca, Common Forelaca, Common Toscabiosa, Sweet Snapdragon, Common Speedwell, Rock Stock, Common Tasselflower Torenia, Blue Vervain, Moss Zinnia, Common	A geratum houstonianum Alyssum maritimum Browallia demissa Arctotis grandis Impatiens balsamina Schisanthus pinnatus Calendula officinalis Eschscholtzia californica Coreopsis tinctoria Dimorphotheca annua Callistephus chinensis Clarkia elegans Cosmos bipinnatus Chrysanthemum coronarium Mirabilis jalapa Godetia grandiflora Lobelia erinus Nigella damascena Reseda odorata Petunia hybrida Portulaca grandiflora Argemone grandiflora Argemone grandiflora Salpiglossis sinuata Sanuitalia procumbens Scabiosa atropurpurea Antirrhinum majus Veronica leucrium var. Matthiola incana Emilia flammea Torenia fournieri Verbena erinoides Zinnia elegans	Blue White Blue, white Blue and white Various Bluish Orange Various Vellow Orange Various White, rose Various Various White, rose Blue Blue, white Pinkish white Various	12" 10" 18" 24" 18" 12" 18" 12" 18" 18" 60" 36" 24" 6" 18" 12" 5" 5" 6" 18" 18" 18" 18" 18" 18" 18" 18" 18" 18	Aug. to Nov. May to Oct. June to Oct. July to Nov. July to Sept. June to Nov. June to Nov. June to Nov. June to Oct. May and June Aug. and Sept. July to Oct. Sept. to Nov. Aug. to Nov. Aug. to Nov. June to Oct. June to Nov. June to Nov. June to Sept. June to Nov. June to July June June to Nov. June to Sept. June to Nov. June to Sept. Aug. and Sept. Aug. and Sept.	Sow seed in warm soil out-of-doors; pick faded flowers for more bloom Sow seed month apart for continuous bloom; thin to 7" apart Sow seed in warm soil; thin 6" apart Sow seeds in warm soil; thin 6" apart sow seeds in warm soil in Spring; transplant 18" apart Sow outdoors in May; rich, sandy soil; sun Sow in late Spring, transplant 18" apart with ball of earth; stake Sow seeds outside in early spring; thin to 12" apart; Sow in Fall or early Spring; thin to 8" apart; transplants poorly Sow directly in border; thin to 10" apart; sun Sow outside in warm soil; thin to 12" apart; sun Sow outdoors in early Spring, or Fall with winter protection; sun Sow seed in open in April; set 12" apart; pinch back; sun Sow seed in open in April; set 12" apart; pinch back; sun Sow seeds in pring or and sandy soil than in rich loam. Sow the fine seed indoors in March; plant outside 7" apart Sow seeds in Spring or Fall; thin to 10" apart Sow seed in open; thin to 8" apart; will not transplant easily Sow best grade of seed outdoors in May; thin to 9" apart Rake seeds lightly into soil; thin to 4" apart. Sow seeds thinly to avoid transplanting; will re-sow itself Sow the fine seeds carefully in warm soil; set out 6" apart; sandy By seed in Spring; thin to 8" apart Sow seeds outside in May; transplant to 8" apart; remove seed heads Sow outdoors in warm soil; transplant to 8" apart; apart By seed or division in good sandy soil; sun Sow indoors and out for long bloom; transplanting beneficial; 12" apart Sow seeds in early Spring; thin to 4" apart. Sow seeds indoors in March; transplant toto warm soil Sow seeds indoors in March; transplant toto shallow boxes; set out		
			F	PERENNIALS			
Aconite Adonis, Spring Anemone, Japanese Anemone, Snowdrop Aster, Great Aster, New England	A conitum napellus Adonis vernalis A nemone japonica A nemone sylvestris A ster gandiflorus A ster novae-angliae A ster novae-angliae	Purple Yellow Various Pink Purplish Rose, lavender Rose, lavender	48" 12" 30" 16" 30" 48"	Aug. and Sept. April and May Sept. to Nov. April to June Sept. to Nov. Sept. to Nov. Sept. to Nov.	By divisions; rich, moist soil; partial shade; stake By newly ripened seeds, or divisions; sandy soil; shade By seed or divisions; should not be disturbed; protected; shade By division; rich soil; shade By seed or division; rich, moist soil; the best of hardy Asters By seed or division; in any soil; sun By seed or division; in any soil; sun		

Aconite	
	Spring
Adoms,	Spring Tananan
Anemoi	ne, Japanese
	ne, Snowdrop
Aster,	
Aster, I	New England
Aster, I	New York
Aster, I	Rock
	White Upland
Astilbe.	
	Goatsbeard
Avens	Orange
Babysb	
Balloon	
Balloon	flower, Maries

Bellflower, Carpathian
Bleedingheart
Boltonia, Violet
Bugle, Carpet
Butterflywed
Campion, Rose
Candytuft, Evergreen
Canterbury-bells
Cardinalflower
Chrysanthemum,
Mother
Clematis, Tube

Columbine, Colorado Columbine, European Columbine, Golden Coneflower, Hedgehog Coneflower, Showy oralbells Daisy, English Daisy, Giant Daisy, Shasta

Daylily, Yellow
Dropwort
False-dragonhead,
Virginia
Flax, Perennial
Flax, Perennial
Forget-me-not, True
Foxglove, Common
Foxglove, Yellow
Gaillardia, Common
Perennial
Gasplant
Gayfeather, Cattail
Golden Tuft, Dwarf
Greek-valerian
Gynsophila, Creeping
Heliopsis, Sunflower
Hollyhock
Iris, Dwarf
Iris, German
Iris, Japanese
Iris, Siberian
Larkspur Daylily, Yellow Dropwort

Larkspur

Aster novae-angliae
Aster novibelgi
Aster alpinus
Aster provibelgi
Aster alpinus
Aster plarmicoides
Astilbe davidi
Astilbe davidi
Astilbe astilbeides
Geum montanum vax.
Gypsophila paniculata
Platycodon grandiflorum
Platycodon grandiflorum
Mariesi
Campanula earpatica
Dicentra spectabilis
Boltonia latisquama
A juga reptans
A sclepias tuberosa
Authemis tinctoria
Lychnis coronaria
Iberis sempervirens
Campanula medium
Lobelia cardinalis
Chrysanthemum indicum Clematis heracleaefolia davidiana Aquilegia coerulea Aquilegia vulgaris Aquilegia chrysantha Echinacea purpurea Rudbeckia speciosa Heuchera sanguinea Bellis perennis Chrysanthemum uliginosum Chrysanthemum maximum var.

var. Hemerocallis flava Filipendula hexapetala Physostegia virginiana Linum perenne Myosotis scorpioides Digitalis purpurea Digitalis ambigua Gaillardia aristata Dictamnus albus
Liatris pyenostachya
Alyssum saxatile compactum
Polemonium coeruleum
Gypsophila repens
Heliopsis helianthoides
Althaea rosea
Iris pumila
Iris germanica
Iris kaempferi
Iris sibirica
Delphinium belladonna Dictamnus albus Rose Orange Various Various Various Blue

Bluish purple
Red and yellow
Pink
White Orange White White, purplish White, blue Blue, white Rose Violet Violet Purplish Orange Yellow White, crimson White Various Red Various Blue Bluish White Yellow Purple Orange Red Pink, white White Yellow Yellow White, rose Blue Pale Blue Various Yellow Red, yellow White Purple Yellow Various

Sept. to Nov. May and June July and Aug. June and July June
May and June
June to Sept.
July to Nov.
June to Oct. June to Oct.
April to June
July to Oct.
May and June
July and Aug.
May to Oct.
June and July
April and May
June and July
June and July
June and July
July and Aug.
Sept. to Nov. 10"
24"
60"
24"
24"
30"
36"
24"
30" 36" July and Aug. May and June
May and June
May to Aug.
June to Nov.
July and Aug.
May to Sept.
April to June
Aug. and Sept.
June to Nov. 16" 30" 36" 36" 30" 12" 6" 54" 18" 30" 6" 30" May and June June June to Sept. May to Aug. May to Oct. Jane to July June to July June to Nov. 18" 10" 36" 30" 24" June and July July and Aug. April to May May to Aug. June and July July and Aug. July and Aug. April and May May and June and July May and June June and June June to Nov. 30" 54" 12" 24" 5" 36" 8" 30" 36"

By seed or division; in any soil; sun
By divisions; grows best in partial shade
By seed or division; not particular, but likes good soil; sun
By divisions; any soil; partial shade
Seed or divisions; moist soil; part shade
By seed or division; in moist soil; sun
By seed, cuttings, divisions; dry; sun
By seed or division; sandy well drained soil; sun or part shade
By seed or less easily by division By seed, cuttings, or divisions; rock garden, rich soil; sun By division; in rich, light loam; partial shade By division; prefers moist soil; sun By seed or division; any soil; sun or shade By divisions; prefers dry soil; full sun By seed or division; plant in large clumps; any soil; full sun By seed; any soil; sun By seed, cuttings, or divisions; one of the best edging plants Set out young plants in May; treat as biennial; sun By seed, cuttings, or divisions; moist, rich soil; sun or part shade By seed and cuttings; rich light soil; sun; winter protection By cuttings or divisions: mix lime in soil, water well, sun; stake By seed; easily affected by nearby varieties; sandy soil; sun By seed; rich, moist, sandy well drained soil; sun By early sown seed or division; deep, moist sandy loam; sun By seed or divisions; rich sandy soil; full sunlight By divisions or cuttings; any soil; sun or shade By seed or divisions; sun or partial shade By seed in spring, or division in Sept.; moist; sun By seed, cutting, or divisions; rich moist, heavy soil; sun By seed, cutting, or divisions; mulch and water well while growing By division; rich, moist soil, partial shade By seed in spring or divisions; dry; sunny By division in spring; rich moist soil; sun By seed or division; light, rich soil; sun By seed, cuttings, or divisions; spreads rapidly By seed; treat as biennial; light moist soil; sun or shade By seed or divisions; light moist soil; part shade; keep cut back By seed, cuttings, or division; does not come true to seed

Newly ripened seed in open ground; blossoms third year; sun Seed in fall or divisions; rich light soil; part shade By seed, cutting, or division; cut back first blooms for second Fall sown seed or divisions; moist rich soil; part shade By seed, cuttings, or divisions; dry; sunny By division; divide fairly often; dry soil; sun Seeds and cuttings; deep rich soil: sun; may require staking By division; spreads rapidly; good foliage; sun or part shade By division immediately after blooming season; rich soil; sun By divisions immediately after blooming; water well; rich soil; sun By divisions; plant deep and water well; rich soil; sun By seed, cuttings, or division; seed sown in Aug. will bloom June

HOUSE & GARDEN'S GARDENING GUIDE

ANNUALS AND PERENNIALS—CONTINUED

COMMON NAME	BOTANICAL NAMES	COLOR	Неібнт	OF BLOOM	DIRECTIONS			
Larkspur, Hardy Larkspur, Mountain Larkspur, Slender Delphinium formosum Delphinium hybridum Delphinium grandiflorum Purple Blue-Purple Blue, white		Blue-Purple	36" 60" 24"	June to Nov. June to Nov. June to Oct.	By seed, cuttings, or division; Aug. sown seed blooms in June; sun By seed, cuttings, or division; Aug. sown seeds bloom in June; sun By seed, cuttings, or division; deep rich sandy soil; sun			
eopardbane	Chinense Doronicum plantaginium	Orange	30"	April and May	By divisions; rich well drained soil; sun			
oosestrife, Clethra	Lysimachia clethroides Lythrum salicaria	White Rosy Purple	30" 36"	June to Aug. July and Aug.	By seed or divisions; prefers moist soil; sun By divisions; not particular as to soil or exposure			
oosestrife, Purple upin, Washington	Lupinus polyphyllus	Various	40"	May and June June and July	By seed or division; do not disturb after planting; any soil; sun			
Ialtese Cross (Lychnis) Ieadowrue, Columbine	Lychnis chalcedonica Thalictrum aquilegifolium	Red Rose	40" 36" 36"	June and July May to July	By seed or division; light rich soil; full sun By seed or division; well drained soil; sun or part shade			
Ieadowsweet, Siberian	Filipendula palmata	Finkish	30"	June to Aug.	By seed or division; moist rich soil; partial shade			
listflower lountain-Bluet	Eupatorium coelestinum Centaurea montana	Blue purple Blue	20" 20"	Sept. and Oct. May to Sept.	By cuttings; any soil; sun; protect in winter By seed; any soil; sun			
ainted Lady	Chrysanthemum coccineum Viola cornuta	Various	18" 6"	June and July April to Nov.	By division in Spring; rich sandy well drained soil; sun By seed, cuttings, or division; sun or partial shade			
ansy, Tufted entstemon	Pentstemon barbatus	Blue, yellow Red	48"	June and July	By seed or division; sandy soil; sun; use plenty of well rotted manure			
eony, Common blox, Garden	Paeonia officinalis Phlox paniculata	Various Various	30" 36"	May and June June to Oct.	By division in early fall; light manure mulch in winter; sun or part shade By division; rich moist soil; sun			
hlox, Smooth	Phlox glaberrima suffruticosa	Various	24" 5" 10"	May to July April and May	By division; divide every three years in late fall; rich moist soil By seed, cuttings, or division; dry soil; sun; will spread			
ink, Moss ink, Scotch	Phlox subulata Dianthus plumarius	Various Various	10"	May and June	By seed or division; divide every three years; un By divisions; light soil; sun; light winter protection			
lumbago, Larpente lumepoppy, Pink	Ceratostigma plumbaginoides Bocconia cordata	Blue Pinkish	10" 60"	Aug. to Nov.	By divisions; light soil; sun; light winter protection By seed or by suckers; apt to spread vigorously; any soil; sun			
oppy, Iceland	Papaver nudicaule	Various	12"	May to Oct.	By seed or by suckers; apt to spread vigorously; any soil; sun Sow seed early in rich soil; resow every other year; sun			
oppy, Oriental oppy-Mallow, Low	Papaver orientale Callirhoe involucrata	Red, Orange Red	30"	May and June June to Nov.	By newly ripened seed, division or root cuttings; do not disturb By seed or cutting; light soil; sun			
rimrose, Japanese rimula, Cowslip	Primula japonica Primula veris	Various Yellow	18"	May to July April and May	By newly ripened seed, or division immediately after bloom; shade By seed or division immediately after bloom; part shade			
ockcress, Alpine	Arabis alpina	White	10"	April and May	By seed, cuttings, or division; will grow well in poor soil; sun			
ose-mallow, Common	Hibiscus moscheutos Salvia azurea	Various Blue	60" 40"	Aug. to Oct. Aug. to Sept.	By seed or division; moist soil; part shade By seed or division; light sandy soil; slight winter protection; sun			
cabiosa, Caucasian	Scabiosa caucasica	Lavender	20"	May to Oct. July to Aug.	By seed or division; winter protection; rich soil; sun By spring sown seed; do not disturb after planting; sandy; sun			
ea-lavendar, Bigleaf enna, Wild	Limonium latifolium Cassia marilandica	White Yellow	60"	July and Aug.	By seed or division; any soil; sun; cut down after blooming			
neezeweed, Common neezeweed, Red	Helenium autumnale Helenium autumnale var.	Yellow Red	54" 54" 24" 8"	July and Aug. Aug. and Sept.	By seed, cuttings, or division; moist rich soil; sun; attacked by aphis By seed, cuttings, or division; moist rich soil; sun; attacked by aphis			
neezewort	A chillea ptarmica	White	24"	May to Oct.	By cuttings or divisions; rather moist soil; sun			
now-in-summer peedwell, Beach	Veronica longifolia	White Blue	24"	May and June July to Sept.	By cuttings or divisions; for dry sunny places in foreground By seed or divisions; rich soil; sun			
peedwell, Wooly	Veronica incana	Blue	10"	July and Aug.	By seed or division; sandy soil; sun By cuttings or divisions; any soil; sun or partial shade			
piderwort, Virginia tokesia	Tradescantia virginiana Stokesia laevis	Blue, white	24" 18"	May to Sept. June to Nov.	By seeds or division; sandy soil; sun			
undrops, Ozark	Oenothera missouriensis Oenothera fruticosa var.	Yellow Yellow	20"	June to Aug. June and July	By cuttings or divisions; dry; sun; for foreground By seed or cuttings, dry sandy soil; sun			
undrops, Young's unflower, Ashy	Helianthus mollis	Deep Yellow	48"	July to Sept.	By seed or division; any soil; sun			
unflower, Prairie weet-William	Helianthus scaherrimus Dianthus barbatus	Yellow Various	60"	Aug. and Sept. May and June	By division; light dry soil; sun; transplant often for good development By seed sown in July for next year's bloom; any soil; sun			
orchlily, Bonfire	Kniphofia uvaria grandis	Orange	14" 30"	Aug. to Nov.	By division; protect south of Philadelphia take up in north			
(Tritoma) alerian, Common	Valeriana officinalis	Pinkish lav.	36"	May to Aug.	By seed or divisions; any sunny location; spreads quickly			
Vild-Indigo, Blue	Baptisia australis Achillea filipendula	Deep blue Yellow	30" 48"	June July	By seed or division; any soil; sun; for background By seed, cuttings or division; dry soil; sun; stake			
arrow, Fernleaf arrow, Woolly	A chillea tomentosa	Yellow	10"	May and June	By seed, cuttings, or division; poor dry soil; sun			
		SUMMI	ER F	LOWERI	NG BULBS			
Buttercup, Tall	Ranunculus acris	Yellow	18"	June	Single and double forms, spreads rapidly; good for cutting			
Desertcandle	Eremurus var. Gladiolus var.	Various Various	72" 36"	June and July	Plant in rich well drained soil; may require staking Set out in light friable soil mixed with peat; plant for succession			
ladiolus ily, American	Lilium superbum	Spotted orange	60"	Aug. to Sept. June and July	Set out in light filling our limited with peacy plant for succession			
	The state of the s	The state of the s						
Turkscap	Lilium hatemanniae	Apricot	20"	Tuly and Aug.				
ily, Batemann ily, Coral	Lilium batemanniae Lilium tenuifolium	Apricot Scarlet	30" 24"	July and Aug. June	Bulls should be clasted by inches doon in a light call mixed with a second			
ily, Batemann ily, Coral ily, Goldband	Lilium tenuifolium Lilium auratum Lilium henryi	Scarlet Cream to purple	24" 36"	June July and Aug.	Bulbs should be planted six inches deep in a light soil mixed with peat. Do let manure come in direct contact with the Lily bulb.			
ily, Batemann ily, Coral ily, Goldband ily, Henry ily, Madonna	Lilium tenuifolium Lilium auratum Lilium henryi Lilium candidum	Scarlet Cream to purple Spotted orange White	24" 36" 72" 36"	June July and Aug. Aug. and Sept. June and July	Bulbs should be planted six inches deep in a light soil mixed with peat. Do let manure come in direct contact with the Lily bulb.			
ily, Batemann ily, Coral ily, Goldband ily, Henry ily, Madonna ily, Thunbergian	Lilium tenuifolium Lilium auratum Lilium henryi Lilium candidum Lilium elegans Lilium tigrinum	Scarlet Cream to purple Spotted orange White Orange Spotted orange	24" 36" 72" 36" 24" 48"	June July and Aug. Aug. and Sept. June and July June and July July and Aug.	Bulbs should be planted six inches deep in a light soil mixed with peat. Do let manure come in direct contact with the Lily bulb.			
ily, Batemann ily, Coral ily, Goldband ily, Henry ily, Madonna ily, Thunbergian ily, Tiger ily, Speciosum	Lilium tenuifolium Lilium auratum Lilium henryi Lilium candidum Lilium elegans Lilium tigrinum Lilium speciosum	Scarlet Cream to purple Spotted orange White Orange Spotted orange Spotted white	24" 36" 72" 36" 24" 48"	June July and Aug. Aug. and Sept. June and July June and July July and Aug. Aug. and Sept.	let manure come in direct contact with the Lily bulb.			
ily, Batemann ily, Coral ily, Goldband ily, Henry ily, Madonna ily, Thunbergian ily, Tiger ily, Speciosum ummer-hyacinth rittonia	Lilium tenuifolium Lilium auratum Lilium henryi Lilium candidum Lilium elegans Lilium tigrinum Lilium speciosum Galtonia candicans Tritonia var.	Scarlet Cream to purple Spotted orange White Orange Spotted orange Spotted white White Various	24" 36" 72" 36" 24" 48" 36" 62" 36"	June July and Aug. Aug. and Sept. June and July June and July July and Aug. Aug. and Sept. Aug. and Sept. June to Oct.	Well drained soil with leaf mold; may require staking; sun Plant in rich well drained soil; sun			
ily, Batemann ily, Coral ily, Coral ily, Goldband ily, Henry ily, Madonna ily, Thunbergian ily, Tiger ily, Speciosum ummer-hyacinth iritonia	Lilium tenuifolium Lilium auratum Lilium henryi Lilium candidum Lilium elegans Lilium tigrinum Lilium speciosum Galtonia candicans Tritonia var. Zephyranthes var.	Scarlet Cream to purple Spotted orange White Orange Spotted orange Spotted white White Various White, pink	24" 36" 72" 36" 24" 48" 36" 62" 36"	June July and Aug. Aug. and Sept. June and July June and July July and Aug. Aug. and Sept. Aug. and Sept. June to Oct. June to Sept.	Well drained soil with leaf mold; may require staking; sun Plant in rich well drained soil; sun Plant in clumps in foreground of border; store in warm place			
illy, Batemann illy, Coral illy, Goldband illy, Henry illy, Madonna illy, Thunbergian illy, Tiger illy, Speciosum mer-hyacinth rittonia	Lilium tenuifolium Lilium auratum Lilium henryi Lilium candidum Lilium elegans Lilium tigrinum Lilium speciosum Galtonia candicans Tritonia var. Zephyranthes var.	Scarlet Cream to purple Spotted orange White Orange Spotted orange Spotted white White Various White, pink	24" 36" 72" 36" 24" 48" 36" 62" 36"	June July and Aug. Aug. and Sept. June and July June and July July and Aug. Aug. and Sept. Aug. and Sept. June to Oct. June to Sept.	Well drained soil with leaf mold; may require staking; sun Plant in rich well drained soil; sun			
ily, Batemann ily, Coral ily, Coldband ily, Henry ily, Madonna ily, Thunbergian ily, Tiger ily, Speciosum ummer-hyacinth ritonia ephyrlily	Lilium tenuifolium Lilium auratum Lilium henryi Lilium candidum Lilium elegans Lilium tigrinum Lilium speciosum Galtonia candicans Tritonia var. Zephyranthes var.	Scarlet Cream to purple Spotted orange White Orange Spotted orange Spotted white White Various White, pink ANNUAL	24" 36" 72" 36" 24" 48" 36" 62" 36"	June July and Aug. Aug. and Sept. June and July June and July June and July July and Aug. Aug. and Sept. Aug. and Sept. June to Oct. June to Sept. PEREN	Well drained soil with leaf mold; may require staking; sun Plant in rich well drained soil; sun Plant in clumps in foreground of border; store in warm place			
Turkscap iliy, Batemann iliy, Coral iliy, Goldband iliy, Goldband iliy, Henry iliy, Madonna iliy, Tiger iliy, Speciosum yummer-hyacinth Pritonia Pephyrlily COMMON NAME	Lilium tenuifolium Lilium auratum Lilium henryi Lilium candidum Lilium elegans Lilium tigrinum Lilium speciosum Galtonia candicans Tritonia var. Zephyranthes var.	Scarlet Cream to purple Spotted orange White Orange Spotted orange Spotted white White Various White, pink ANNUAL	24" 36" 72" 36" 24" 48" 36" 62" 36" 10"	June July and Aug. Aug. and Sept. June and July June and July June and July July and Aug. Aug. and Sept. Aug. and Sept. June to Oct. June to Sept. PEREN	Well drained soil with leaf mold; may require staking; sun Plant in rich well drained soil; sun Plant in clumps in foreground of border; store in warm place NIAL VINES			
illy, Batemann illy, Coral illy, Coral illy, Goldband illy, Henry illy, Madonna illy, Thunbergian illy, Tiger illy, Speciosum ummer-hyacinth iritonia dephyrlily COMMON NAME	Lilium tenuifolium Lilium auratum Lilium henryi Lilium candidum Lilium elegans Lilium stigrinum Lilium speciosum Galtonia candicans Tritonia var. Zephyranthes var.	Scarlet Cream to purple Spotted orange White Orange Spotted orange Spotted white White Various White, pink ANNUAL	24" 36" 72" 36" 24" 48" 36" 62" 36" 10"	June July and Aug. Aug. and Sept. June and July June and July June and July July and Aug. Aug. and Sept. Aug. and Sept. June to Oct. June to Sept. PEREN ER	Well drained soil with leaf mold; may require staking; sun Plant in rich well drained soil; sun Plant in clumps in foreground of border; store in warm place NIAL VINES DIRECTIONS			
ily, Batemann ily, Coral ily, Coldband ily, Henry ily, Madonna ily, Thunbergian ily, Tiger ily, Speciosum ummer-hyacinth ritonia ephyrlily COMMON NAME	Lilium tenuifolium Lilium auratum Lilium henryi Lilium candidum Lilium elegans Lilium tigrinum Lilium speciosum Galtonia candicans Tritonia var. Zephyranthes var. BOTANICAL NAME Cobaea scandens Dolichos lablab	Scarlet Cream to purple Spotted orange White Orange Spotted orange Spotted white White Various White, pink ANNUAL CI Light violet Purple and white	24" 36" 72" 36" 24" 48" 36" 62" 36" 10" A N I	June July and Aug. Aug. and Sept. June and July June and July June and July July and Aug. Aug. and Sept. Aug. and Sept. June to Oct. June to Sept. PEREN ER	Well drained soil with leaf mold; may require staking; sun Plant in rich well drained soil; sun Plant in clumps in foreground of border; store in warm place NIAL VINES DIRECTIONS By seed in moist earth. Place seeds edge down By seed; very tall and twining			
illy, Batemann illy, Coral illy, Coral illy, Goldband illy, Henry illy, Madonna illy, Thunbergian illy, Tiger illy, Speciosum ummer-hyacinth 'ritonia ephyrlily COMMON NAME Cobaea, Purplebell lyacinth-bean look-eucumber	Lilium tenuifolium Lilium auratum Lilium henryi Lilium candidum Lilium elegans Lilium tigrinum Lilium speciosum Galtonia candicans Tritonia var. Zephyranthes var. BOTANICAL NAME	Scarlet Cream to purple Spotted orange White Orange Spotted orange Spotted white White Various White, pink ANNUAL Cli	24" 36" 72" 36" 24" 48" 36" 62" 36" 10" A N I	June July and Aug. Aug. and Sept. June and July June and July June and July July and Aug. Aug. and Sept. Aug. and Sept. June to Oct. June to Sept. PEREN ER	Well drained soil with leaf mold; may require staking; sun Plant in rich well drained soil; sun Plant in clumps in foreground of border; store in warm place NIAL VINES DIRECTIONS By seed in moist earth. Place seeds edge down			
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illy, Batemann illy, Coral illy, Coral illy, Goldband illy, Henry illy, Madonna illy, Thunbergian illy, Tiger illy, Speciosum ummer-hyacinth 'ritonia ephyrlilly COMMON NAME Cobaca, Purplebell lyacinth-bean lock-cucumber loconflower forning-glory, Common forning-glory, Ivyleaf	Lilium tenuifolium Lilium auratum Lilium henryi Lilium candidum Lilium elegans Lilium tigrinum Lilium speciosum Galtonia candicans Tritonia var. Zephyranthes var. BOTANICAL NAME Cobaea scandens Dolichos lablab Echinocystis lobata Calonyction aculeatum Ipomoea purpurea Ipomoea hederacea	Scarlet Cream to purple Spotted orange White Orange Spotted orange Spotted orange Spotted white White Various White, pink ANNUAL CI Light violet Purple and white Greenish white White to lavender White to lavender	24" 36" 72" 36" 24" 48" 36" 62" 62" 10" A N I	June July and Aug. Aug. and Sept. June and July June and July June and July July and Aug. Aug. and Sept. Aug. and Sept. June to Oct. June to Sept. PEREN ER	Well drained soil with leaf mold; may require staking; sun Plant in rich well drained soil; sun Plant in clumps in foreground of border; store in warm place NIAL VINES DIRECTIONS By seed in moist earth. Place seeds edge down By seed; very tall and twining Grow in rich soil; rapid grower; excellent for screening Seeds sown in coldframe; needs long warm season Seeds sown in coldframe Seeds sown in coldframes; may self sow			
ily, Batemann ily, Coral ily, Coldband ily, Henry ily, Madonna ily, Thunbergian ily, Tsiger ily, Speciosum ummer-hyacinth ritonia ephyrlily COMMON NAME obaea, Purplebell yacinth-bean lock-cucumber toonflower torning-glory, Common torning-glory, Ivyleaf	Lilium tenuifolium Lilium auratum Lilium heuryi Lilium candidum Lilium elegans Lilium speciosum Galtonia candicans Tritonia var. Zephyranthes var. BOTANICAL NAME Cobaea scandens Dolichos lablab Echinocystis lobata Calonyction aculeatum Ipomoea purpurea	Scarlet Cream to purple Spotted orange White Orange Spotted orange Spotted orange Spotted white White Various White, pink ANNUAL Ch Light violet Purple and white Greenish white White to lavender White to lavender Scarlet	24" 36" 72" 36" 24" 48" 36" 62" 36" 10" A N I	June July and Aug. Aug. and Sept. June and July June and July June and July July and Aug. Aug. and Sept. Aug. and Sept. June to Oct. June to Sept. PEREN ANNUALS	Well drained soil with leaf mold; may require staking; sun Plant in rich well drained soil; sun Plant in clumps in foreground of border; store in warm place NIAL VINES DIRECTIONS By seed in moist earth. Place seeds edge down By seed; very tall and twining Grow in rich soil; rapid grower; excellent for screening Seeds sown in coldframe; needs long warm season Seeds sown in coldframe			
ily, Batemann ily, Coral ily, Coral ily, Goldband ily, Henry ily, Madonna ily, Thunbergian ily, Thunbergian ily, Speciosum ummer-hyacinth rittonia ephyrlily COMMON NAME Tobaea, Purplebell tyacinth-bean fock-cucumber foonflower foonflower fooning-glory, Common forning-glory, Ivyleaf carlet-runner	Lilium tenuifolium Lilium auratum Lilium heuryi Lilium candidum Lilium elegans Lilium speciosum Galtonia candicans Tritonia var. Zephyranthes var. BOTANICAL NAME Cobaea scandens Dolichos lablab Echinocystis lobata Calonyction aculeatum Ipomoea purpurea Ipomoea hederacea Phaseolus coccineus	Scarlet Cream to purple Spotted orange White Orange Spotted orange Spotted orange Spotted white White Various White, pink ANNUAL CH Light violet Purple and white Greenish white White and purple White to lavender White to lavender Scarlet	24" 36" 72" 36" 24" 48" 36" 62" 36" 10" A N I	June July and Aug. Aug. and Sept. June and July June and July June and July July and Aug. Aug. and Sept. Aug. and Sept. June to Oct. June to Sept. PEREN ER	Well drained soil with leaf mold; may require staking; sun Plant in rich well drained soil; sun Plant in clumps in foreground of border; store in warm place NIAL VINES DIRECTIONS By seed in moist earth. Place seeds edge down By seed; very tall and twining Grow in rich soil; rapid grower; excellent for screening Seeds sown in coldframe; needs long warm season Seeds sown in coldframe; seeds sown seeds sown in coldframe; may self sow By seed; has purplish beans			
ily, Batemann ily, Coral ily, Goldband ily, Henry ily, Madonna ily, Thunbergian ily, Thunbergian ily, Speciosum ummer-hyacinth ritonia ephyrlily COMMON NAME obaca, Purplebell lyacinth-bean lock-cucumber loonflower lorning-glory, Common forning-glory, Ivyleaf carlet-runner	Lilium tenuifolium Lilium auratum Lilium heuryi Lilium candidum Lilium elegans Lilium speciosum Galtonia candicans Tritonia var. Zephyranthes var. BOTANICAL NAME Cobaea scandens Dolichos lablab Echinocystis lobata Calonyction aculeatum Ipomoea hederacea Phaseolus coccineus Akebia quinata	Scarlet Cream to purple Spotted orange White Orange Spotted orange Spotted orange Spotted white White Various White, pink ANNUAL Ch Light violet Purple and white Greenish white White to lavender White to lavender Scarlet	24" 36" 72" 36" 24" 48" 36" 62" 36" 10" A N I	June July and Aug. Aug. and Sept. June and July June and July June and July July and Aug. Aug. and Sept. Aug. and Sept. June to Oct. June to Sept. PEREN ANNUALS	Well drained soil with leaf mold; may require staking; sun Plant in rich well drained soil; sun Plant in clumps in foreground of border; store in warm place NIAL VINES DIRECTIONS By seed in moist earth. Place seeds edge down By seed; very tall and twining Grow in rich soil; rapid grower; excellent for screening Seeds sown in coldframe; needs long warm season Seeds sown in coldframe; seeds long warm season Seeds sown in coldframes; may self sow By seed; has purplish beans			
ily, Batemann ily, Coral ily, Goldband ily, Henry ily, Madonna ily, Thunbergian ily, Thunbergian ily, Theoreman ily, Tiger ily, Speciosum ummer-hyacinth ritonia ephyrlily COMMON NAME obaea, Purplebell yacinth-bean tock-cucumber toonflower torning-glory, Common forning-glory, Ivyleaf earlet-runner kebia, Fiveleaf mpelopsis, Porcelain ittersweet, American	Lilium tenuifolium Lilium auratum Lilium heuryi Lilium candidum Lilium elegans Lilium speciosum Galtonia candicans Tritonia var. Zephyranthes var. BOTANICAL NAME Cobaea scandens Dolichos lablab Echinocystis lobata Calonyction aculeatum Ipomoea purpurea Ipomoea purpurea Ipomoea hederacea Phaseolus coccineus Akebia quinata Ampelopsis heterophylla Celastrus scandens	Scarlet Cream to purple Spotted orange White Orange Spotted orange Spotted orange Spotted white White Various White, pink ANNUAL CH Light violet Purple and white Greenish white White and purple White to lavender Scarlet Rosy purple Decorative fruits	24" 36" 72" 36" 24" 48" 36" 62" 36" 10" A N I	June July and Aug. Aug. and Sept. June and July June and July June and July July and Aug. Aug. and Sept. Aug. and Sept. June to Oct. June to Sept. PEREN ANNUALS	Well drained soil with leaf mold; may require staking; sun Plant in rich well drained soil; sun Plant in clumps in foreground of border; store in warm place NIAL VINES DIRECTIONS By seed in moist earth. Place seeds edge down By seed; very tall and twining Grow in rich soil; rapid grower; excellent for screening Seeds sown in coldframe; needs long warm season Seeds sown in coldframe Seeds sown in coldframe; may self sow By seed; has purplish beans Propagate by layers; flowers in early spring Propagate from cuttings in sand; good for stone and brick walls Use nursery grown stock; shrubby in growth			
ily, Batemann ily, Coral ily, Goldband ily, Henry ily, Madonna ily, Thunbergian ily, Tiger ily, Speciosum ummer-hyacinth ritonia ephyrlily COMMON NAME obaea, Purplebell yacinth-bean lock-cucumber loconflower torning-glory, Common lorning-glory, Ivyleaf earlet-runner kebia, Fiveleaf mpelopsis, Porcelain ittersweet, American lematis, Anemone	Lilium tenuifolium Lilium auratum Lilium henryi Lilium candidum Lilium elegans Lilium tigrinum Lilium speciosum Galtonia candicans Tritonia var. Zephyranthes var. BOTANICAL NAME Cobaea scandens Dolichos lablab Echinocystis lobata Calonyction aculeatum Ipomoea purpurea I pomoea hederacea Phaseolus coccineus Akebia quinata Ampelopsis heterophylla	Scarlet Cream to purple Spotted orange White Orange Spotted orange Spotted orange Spotted white White Various White, pink ANNUAL CF Light violet Purple and white Greenish white White and purple White to lavender Scarlet Rosy purple	24" 36" 72" 36" 24" 48" 36" 62" 36" 10" A N I	June July and Aug. Aug. and Sept. June and July June and July June and July July and Aug. Aug. and Sept. Aug. and Sept. June to Oct. June to Sept. PEREN ANNUALS	Well drained soil with leaf mold; may require staking; sun Plant in rich well drained soil; sun Plant in clumps in foreground of border; store in warm place NIAL VINES DIRECTIONS By seed in moist earth. Place seeds edge down By seed; very tall and twining Grow in rich soil; rapid grower; excellent for screening Seeds sown in coldframe; needs long warm season Seeds sown in coldframe; seeds sown in coldframe seeds sown in coldframes; may self sow By seed; has purplish beans Propagate by layers; flowers in early spring Propagate from cuttings in sand; good for stone and brick walls			
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ily, Batemann ily, Coral ily, Goldband ily, Henry ily, Madonna ily, Thunbergian ily, Tsiger ily, Speciosum ummer-hyacinth ritonia ephyrlily COMMON NAME COMMON NAME obaea, Purplebell (yacinth-bean lock-cucumber foonflower forning-glory, Common forning-glory, Ivyleaf carlet-runner kebia, Fiveleaf mpelopsis, Porcelain ittersweet, American lematis, Anemone lematis, Sweet Autumn reeper, Japanese	Lilium tenuifolium Lilium auratum Lilium heuryi Lilium candidum Lilium elegans Lilium speciosum Galtonia candicans Tritonia var. Zephyranthes var. BOTANICAL NAME Cobaea scandens Dolichos lablab Echinocystis lobata Calonyction aculeatum Ipomoea purpurea Ipomoea purpurea Akebia quinata Ampelopsis heterophylla Celastrus scandens Clematis montana Clematis montana Clematis paniculata Ampelopsis tricuspidata Ampelopsis tricuspidata Ampelopsis tricuspidata Ampelopsis tricuspidata Ampelopsis tricuspidata	Scarlet Cream to purple Spotted orange White Orange Spotted orange Spotted orange Spotted white White Various White, pink ANNUAL CH Light violet Purple and white Greenish white White to lavender White to lavender Scarlet Rosy purple Decorative fruits White, rose, laver	24" 36" 72" 36" 24" 48" 36" 62" 36" 10" A N I	June July and Aug. Aug. and Sept. June and July June and July June and July July and Aug. Aug. and Sept. Aug. and Sept. June to Oct. June to Sept. PEREN ANNUALS	Well drained soil with leaf mold; may require staking; sun Plant in rich well drained soil; sun Plant in rich well drained soil; sun Plant in clumps in foreground of border; store in warm place NIAL VINES DIRECTIONS By seed in moist earth. Place seeds edge down By seed; very tall and twining Grow in rich soil; rapid grower; excellent for screening Seeds sown in coldframe; needs long warm season Seeds sown in coldframe; seeds long warm season Seeds sown in coldframe; may self sow By seed; has purplish beans Propagate by layers; flowers in early spring Propagate from cuttings in sand; good for stone and brick walls Use nursery grown stock; shrubby in growth Use young nursery stock; prefers sun Use young nursery stock; covered in summer with masses of flowers Propagate from cuttings in sand; for masonry walls Propagate from cuttings in sand; heavier growing than other varieties			
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SUPPLY VEGETABLES FOR A CONTINUOUS

VEGETABLES AND TYPE	VARIETY		RST		SUCCESSIVE PLANTINGS WEEKS APART		AMOUNT OR NUMBER FOR 50' ROW		DIRECTIONS	
Bean, bush, Green Pod Bean, bush, Wax Bean, bush, Lima	Early Bountiful Rust Proof Golden Wax Burpee Improved	April April May	15 20 1		2-3: to Aug. 2-3: to Aug. 3-4: to July	15 1 15	I pt. I pt. I pt.	15" x 4" 18" x 4" 24" x 6"	In dryest soil available; cover first planting 1" deep. In dryest soil available; cover first planting 1" deep. Plant with eye down, when there is prospect of dry	
Bean, pole Bean, pole, Lima Beets, Ex. Early Beets, main and winter	Golden Cluster Early Leviathan Early Model Detroit Dark Red	April May April May	25 I I I		June June 3-4: to Aug. 3-4: to Aug.	15 15 15	14 pt. 14 pt. 1 oz. 1 oz.	4' X 3' 4' X 4' 12" X 2" 12" X 3"	weather. Place poles before planting in rich hills; thin out. Eye down in slightly raised hills; thin to best two. First planting shallow, about ½" deep and thick. In dry weather, soak seeds; firm well; for winter use sow	
Brussels Sprouts	Dalkeith	June	15	P	July	15	35	24" x 18"	about three months before harvesting. Transplant at four to six weeks; same treatment as late	
Cabbage, Ex. Early	Copenhagen M'k't	April	1	P	0.00		35	24" x 18"	cabbage; pinch out tops when "buttons" are formed Set out well hardened off plants as soon as ground can be	
Cabbage, summer	Succession	May	I	P	June	I	30	30" x 18"	worked; fertilize in rows. Light applications of nitrate of soda beneficial; to keep mature heads from splitting, pull enough to loosen roots	
Cabbage, late	Danish Ball Head	July	1	P	July	15	30	30" x 18"	Transplant from seed sown June 1st; use water in bottoms of holes if soil is dry; firm well.	
Carrots, Ex. Early Carrots, main and winter	Early Scarlet Horn Danvers	April May	15 15		3-4: to Aug. July	15 15	⅓ oz. ⅓ oz.	12" X 1" 12" X 2"	First planting thick, ½" to ½" deep; thin early. Select rich, deep soil to get smooth roots; for storing plant about 90 days before the harvesting time.	
Cauliflower, spring and fall	Early Snowball	April	10	P	4: to July	10	35	24" x 18"	Enrich rows; protect from cutworms; plenty of water when heading.	
Celery, Early	Golden Self-Blanching	May	1	P	June	1	100	24" x 6"	Enrich rows; plenty of water; hill up to keep stalks up right; blanch two weeks before using.	
Celery, late	Winter Queen	June	1	P	July	15	100	36" x 6"	Sow seeds six to eight weeks before transplanting; hill up store in cellar for winter.	
Corn, Early	Golden Bantam	May	1		3: to July	15	3/2 pt.	3' x 2'	First planting in dry soil; cover only 1" deep; give pro- tected sunny exposure if possible.	
Corn, main crop	Country Gentleman	May	I		4: to July	1	1/2 pt.	3' x 3'	Thin to 3 or 4 stalks in hill; plant 3" deep in dry weather; cultivate shallow.	
Cucumber, for slicing, etc.	Davis Perfect	May	I		June	15	½ oz.	4' x 4'	Enrich hills; thin to 3 or 4 plants; protect from striped beetle.	
Cucumber, for pickling	Ever-bearing	June	I		July	1	1/4 oz.	4' x 4'	Gather fruits while quite small; keep them all picked for continuous bearing.	
Egg-plant	Black Beauty	May	20	P			25	30" x 24"	Enrich hills; give plenty of water; protect from potate bugs.	
Endive	Giant Fringed	June	I		4: to Aug.	1	½ oz.	12" x 12"	Culture same as for lettuce save that leaves should be tied up to blanch for use.	
Kohlrabi	White Vienna	April	10		4: to July	10	½ oz.	15" x 4"	Treatment similar to turnips; thin out as soon as possible begin to use while small, 1" or so in diameter.	
Leek	American Flag	April	15		4: to June	15	½ oz.	15" x 3"	Transplant at size of lead pencil to deep, well enriched trenches, hill up to bleach.	
Lettuce, loose leaf, for	Grand Rapids	April	10	P	3: to May	20	50	12" x 6"	Sow seed when plants are set out, and for succession plantings, thinning out early.	
spring Lettuce, spring and fall Lettuce, "Crisp Head," for	Big Boston Brittle Ice	April May		P	3: to May June	20 15	50 ½ oz.	12" x 8" 12" x 10"	Thin out early; for fall, plant July 15 to August 15. Give plenty of water; top-dress with nitrate of soda; thir out as soon as possible.	
summer Melons, musk	Netted Gem	May	I	100	June	15	¾ oz.	6'x 4'	Enrich hills with old compost and wood ashes; add sand in heavy soil; protect from striped beetle.	
Melons, musk, bush	Henderson's Bush	May	I		June	15	¼ oz.	4' x 3'	Same as for musk melons; pinch out tips of runners at 5' or 6'.	
Okra	White Velvet	May	15	TE I		- 1	½ oz.	3' x 15"	Give warm, rich soil; nitrate of soda during early growth	
Onions, "sets" Onions, globe	Yellow Danvers	April April	. I				½ pt. ½ oz.	12" X 2" 12" X 2"	treat like corn; use pods while young. Mark out drill; insert up to neck. Keep clean; top-dress with nitrate of soda; do not thir until well along.	
Onion, large Spanish	Gigantic Gibraltar	April	10	P			150	12" x 3"	Start seedlings and transplant to rich soil; give plenty of	
Parsley	Emerald Curled	April	15		June	15	1/2 oz.	12" x 4"	water. Soak seed for twenty-four hours; cover very lightly; thin	
Peas, smooth	Alaska	April	1				ı pt.	30" x 2"	out early. Cover first planting about 1" deep; sow only a smal	
Peas, Early, wrinkled	Gradus	April	10		3: to May	20	ı pt.	36" x 2"	quantity as wrinkled variety is better flavored. Dwarf varieties 22" x 2" make first plantings in light soil	
Peas, wrinkled, main crop	Alderman	April	15		3: to June	15	ı pt.	36" x 2"	or on slightly raised drill ½" to 1" deep. Maker later plantings in trench, filling in gradually as vines grow; plant early varieties July 20 to August 10 for fall crop.	
Peppers, large fruited	Ruby King	May	15	P			40	24" x 15"	Same as for egg-plant; use good strong potted plants for both to get best results.	
Peppers, small fruited Parsnips	Coral Gem Bouquet Improved Hollow Crown	May April	15	P			40 ¼ oz.	24" x 15" 18" x 3"	Top-dress with nitrate of soda during early growth. Select deep, loose soil or trench before planting. For earliest results sprout four weeks in sunlight before	
Potatoes	Irish Cobbler	April	10				½ pks.	28" x 13"	planting. Plant in rich hills; if space is limited, put near edge of	
Pumpkin	Quaker Pie	May	15				1/4 oz.	6' x 6'	garden, or train where vines can run along fence. Make frequent small sowings; work lime plaster, soot or	
Radish, Early Radish, summer	Crimson Giant Globe Chartiers	April May	1		2: to Sept. 3: to Aug.	15 1	½ oz. ½ oz.	12" X 1" 12" X 2"	wood ashes into row, take up and destroy roots not used. Thin out early; plant in finely prepared soil. Roots for storing in winter should not be planted until	
Radish, winter	White Chinese	June	15		4: to Aug.	15	½ oz.	12" x 3"	quite late, as they are better both in keeping and eating qualities not overgrown.	
Rutabaga	Golden Necklace	May	1		4: to July	1	½ oz.	15" x 4"	Excellent for storing for winter; culture similar to turnip late planting makes best quality roots.	
Salsify	Sandwich Island	April	10				34 oz.	15" x 2"	Be careful to get seed thick enough; sow in deep, fine soi to get smooth roots.	
Spinach	Victoria	April	I		4: to Sept.	1	½ oz.	15" x 4"	Sow in rich soil; thin first to 2" apart; second thinning may be used for table; apply nitrate of soda.	
Squash, summer	Golden Summer Crook-	May	1		June	1	¼ oz.	5' x 4'	For bush 4' x 3'; enrich hills; thin to two or three plants protect from bugs.	
Squash, winter	neck Hubbard	May	15		June	15	½ oz.	6' x 6'	Thin to two plants when vines begin to crowd; watch for borers; protect from squash bugs.	
Swiss chard	Lucullus	April	10				34 oz.	18" x 8"	Sow about half as thick as beets; thin out as soon as well started; cut leaves in gathering 3" or so above crown	
Tomato, Early	Bonnie Best (Chalk's	May	1	P			25	4' x 2'	Enrich hills; use plant support or stake; keep sucker trimmed off; apply nitrate of soda.	
Tomato, main crop	Jewel) Stone	May	15				18	4' x 30"	Use poison bait for cutworms before setting out; this fruit clusters if fruit rot appears.	
Turnip, summer	Amber Globe	April	10		4: to Sept.	I	½ oz.	12" x 3"	Sow thinly and thin out as soon as possible. For winter use do not sow too early, two to three month	
Turnip, winter	White Globe	June	1		Aug.	I	½ oz.	12" x 4"	before harvesting, according to variety.	

NOTES ON VEGETABLES

[&]quot;P"—plants from frames or seed-beds.

First figure under Directions indicates distance between rows; second between plant in row after thinning, or between hills.

Drills are continuous rows, in which the seeds are sown near together, and the plants even after thinning stand at irregular distances, usually touching.

Rows have the plants at regular distances, but so near together that machine cultivation is attempted only between the rows.

Hills, which are usually especially enriched before planting, are isolated groups or clusters

of plants, generally about equidistant—3' or more—each way.

Thinning consists in pulling out the surplus seedlings as soon as most of the seeds are up.

Hilling is drawing the soil up toward the roots or stems, often overdone—usually a wide, slight hill is the best.

Blanching is necessary to prepare some plants, such as Celery and Endive, for eating; excluding the light, banking with earth, tying up the leaves, covering with prepared paper and storing accomplish this result.

The GARDENER'S CALENDAR for MARCH

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

if for every one hundred miles north or south there be made a difference of from five to seven days later or earlier in operations. The dates given are for an average season

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Then the clouds part, Swallows soaring between; The spring is alive, And the meadows are green! —Edward Fitzgerald	If you are not ready to plant the new nursery stock as soon as it arrives, lay the plants slanting in a shallow trench and cover the roots with soil.	2 Flats and soil 2 should be made ready for the early seed sowing indoors. The best soil is a light, fairly rich, sandy loam containing plenty of humus.	3 Empty barrels in- verted over the Rhubarb clumps in the garden will stim- ulate early growth by producing a more even, higher temper- ature day and night.	4 Forsythia and Pussy Willow are two of the most satisfactory shrubs for furnishing sprays to be forced in water. Put the vases in a sunny window.	5 Early spring is the best time to repair fences, boundary walls and the like. Later, when the leaves are out, it will be harder to find the breaks.	6 Bluebirds will soon be arriving from the South, and the Wrens will follow a few weeks later. Are your grounds supplied with good nest-boxes for them?
7 All pruning should be stopped before the sap starts to flow upward. This applies particularly to Grapes and deciduous trees of many different sorts.	8 Winter damage in the rock garden should be repaired at once. It is likely to include miniature washouts and the upheaval by frost of young plants.	9 Twigs, dead leaves and all manner of left-over winter de- bris should not only be gathered up, but burned. It is un- sightly and may har- bor insect pests.	10 The winter protective covers may now be removed from the Boxwood and other ornamentals. A cloudy, damp day is best, with a prospect of mildness.	11 It is a good idea to examine the Wild Cherry, Cherry and Apple trees for any tent caterpillar egg clusters which may have been over- looked in the winter,	12 Asparagus plants start growth so early in the season that it will be well to dig in their mulch now, thus avoiding the danger of injuring the stalks.	13 Wood ashes from the fireplaces are one of the best all- around plant stimu- lants. Scatter them over lawn, garden or border and let them leach in.
14 Hardy nursery out as soon as the ground is free from frost. The earlier this is done the becter, to assure a maximum season.	15 Grape trellises and otherwooden frameworks on which vines are trained need occasional painting. Do this now, before growth gets under way.	16 Thorough and regular forking over is one of the secrets of making a good compost heap, for it will mean a good mixture of the contents.	17 If you plan any lawn this spring, begin the work early by digging, removing stones and thoroughly raking and leveling preparatory to seed sowing.	18 Lime is the great 18 remedy for acid soil, which in turn is the cause of many garden failures. It should be applied in the form of slaked lime or land plaster.	19 Plantings of perennals, shrubs or trees made last fall should be examined. If the ground has heaved with the frost, firm it down with the feet.	20 Seeds of annual 20 flowers, and of such vegetables as Tomatoes, Peppers and Eggplants, may be started now in flats kept indoors at a sunny window.
21 The manure lain on the lawn all winter should be raked into piles and removed to the garden where it is dug well into the soil.	22 Accurate garden best sort of guide to future work. They should include such data as seed names, planting dates, and time to maturity.	23 A well-managed a year-round producer. Through the spring and summer it can be used for cuttings, Chrysant hemum s, potted fruits, etc.	24 Strawberry 24 mulches can come off now and the soil be given a thorough cultivating. The fresh straw mulch is applied later in the season.	25 Sweet Peas can hardly go into the ground too early in the season. They must get the longest possible start before hot weather sets in on them.	26 No general spading or forking over should be done in the vegetable garden before the soil is dry enough not to form clods when turned over.	27 Plenty of fresh air is essential to seedlings indoors or in the hotbed or cold-frame. Lack of it often leads to that latal disease, "damping off."
28 Instead of throw- log away the dead leaves, litter or old manure that mulched the border last winter, dig it under around the plants to benefit the soil.	29 Spring is an excellent time to plant hardy evergreens, for there is usually plenty of rain. When hot weather comes they will have taken hold.	30 Should any of the smaller trees appear unthrifty, try digging a trench around chem 4' from the trunk, filling it with good, rich loam and firming well.	31 Dahlia tubers from which you plan to raise cuttings may be started now. Put them in pots or boxes of sand and keep them warm and well watered.	Bare Win And gentle Mix'd wit Along a she Under a c Its green ar But kiss'd	that, as I wandered by the ter suddenly was changed odours led my steps ast the a sound of waters mulving bank of turf, whice topse, and hardly dared ms round the bosom of the tand then fled, as the mean of the tand then fled.	ed to Spring; ray, urmuring h lay to fling the stream,



MRS. E. A. S. PECKHAM

An active member of the
New York Botanical Garden's Advisory Council, and
a well-known authority on
Iris, Narcissi and gardening
in general



Mrs. John Paris

For years Mrs. Paris was President of the Garden. Club of Flushing, L. I. She is now President of the Federated Garden Clubs of New York. As a leader of the garden movement she holds a prominent place



Harlan P. Kelsey
Besides being Councillor of
the American Association of
Nurserymen, Mr. Kelsey is
one of the authorities who
compiled the Standardized
Plant Names

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Have you ever considered the obvious advantages of having your soups made by our famous French chefs who have devoted practically their entire lives to soup blending?

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Let Campbell's Tomato Soup demonstrate to your discriminating taste what fineness of flavor, what perfect proportioning of splendid ingredients can achieve in a soup.

Only such tomatoes as you would consider choice for your table are used in making this soup. Only the puree of rich tomato juices and luscious tomato "meat" with the added nourishment of fresh country butter. And the palate always responds to its tempting taste!

The Cream of Tomato Soup!

It's prepared with Campbell's Tomato Soup according to the simple directions on the label. You will agree that this most appealing and satisfying of soups could not be more deliciously prepared than with Campbell's—and it's so convenient.

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There is such a large variety of designs and colorings to choose from that the selection of a harmonious rug is an easy matter, Kirmans—Sarouks—Feraghans—and many other fine types are reproduced in the BENGAL-ORIENTAL.

Woven all in one piece from imported Oriental wool, made to special order any length required for the modern living room.

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



Old needlework pictures have naive fascination of their own. In this one, which dates from 1730, a shepherdess is guarding her wooly flock

OLD EMBROIDERIE

(Continued from page 100)

bed hangings, coverlets, curtains, and wall decorations. Specimens of work on a smaller scale are found in dress embroideries, chair covers, and in samplers, often worked by children, and more remarkable for their ingenious quaintness than for their artistic qualities.

Dress embroideries were more during the Elizabethan than the Jacobean age. It was during the Elizabethan age that the work known as petit-point came into vogue. This was an allover embroidery done on some open meshed material like canvas. It was much practised in France and in the England of Queen Anne and the Georges. Collectors highly prize embroidered chair-seats and fire-screens

worked in this way. In England recent years, disabled soldiers been taught to make excellent reductions of the best of the old more This is not the first time in history men have excelled in what have generally considered feminine. There are medieval records show that some of the best ecclical embroidery was done by more well as by nuns; while the finest viving embroideries of the Flore 14th Century are the work of comen—Jacopo Cambi and Geri L. who were proud enough of achievements to embroider their no into their work.

In Italy, artists of eminence (Continued on page 124)



A sampler is always a quaint reminder of the industry of our great-grandmothers. This example, worked in silks on canvas, was made by one Hester Wade in 1820





Modeled by R. Guy Cowan

An Unusual Concept of Surpassing Loveliness in Color and Design

HIS beautifully modeled mediaeval figure, showing the interesting drapery of that period, has a sculptural quality found in only the fine bronzes. Highly interesting and decorative in itself, it forms with the low-footed oval bowl a notable grouping that will become a center of interest in any room.

A contribution of such high distinction as to place American Ceramic Art on a new plane. Of that enduring beauty requisite in a cherished possession.

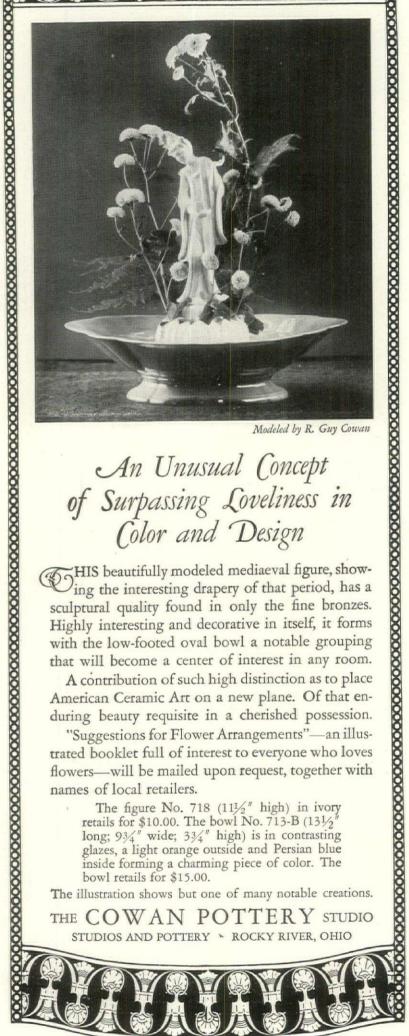
"Suggestions for Flower Arrangements"-an illustrated booklet full of interest to everyone who loves flowers—will be mailed upon request, together with names of local retailers.

The figure No. 718 $(11\frac{1}{2}"$ high) in ivory retails for \$10.00. The bowl No. 713-B $(13\frac{1}{2}"$ long; 93/4" wide; 33/4" high) is in contrasting glazes, a light orange outside and Persian blue inside forming a charming piece of color. The bowl retails for \$15.00.

The illustration shows but one of many notable creations.

THE COWAN POTTERY STUDIO

STUDIOS AND POTTERY * ROCKY RIVER, OHIO



OLD EMBROIDERIES

(Continued from page 122)

frequently to make designs for embroideries, and it is a pity that English embroidery, during the 17th and 18th Centuries, did not receive more attention from artists of real capacity. But though artists consented to design for tapestry and stained glass, it was rarely that they condescended to embroidery. Pictorial embroideries in imitation of tapestries are fairly frequent during the 18th Century period. But it is not often that the models copied have a very high artistic value.

The embroidery of the Dutch and Portuguese during the 17th and 18th Centuries exhibits strong Eastern influences, owing to the contact of these peoples with their Oriental colonies. Spanish needlework, after being mainly Arab in character, falls into line with Italian Renaissance work. Very beautiful and original patterns are found embroidered on linen, as decorations for clothes, curtains, bedspreads, and the like, in Greece and the Mediterranean islands. Specimens of this work have been much sought after and not infrequently imitated in recent years. The characteristics of Chinese, Japanese, Indian, and Persian

embroidery are too well known to need description.

The decorative uses of needlework are obvious. Colored needlework, whether in wool or silk, has a remarkable richness of surface texture, to which is added, in the case of silk, an inimitable lustrousness. Small pieces of embroidery may therefore be used so rich is their effect—to relieve the monotony of considerable wall spaces. A spot of embroidery judiciously placed here and there can decorate a whole room. Embroidery for such decorative purposes most commonly takes the form of fire-screens, wall panels, hangings, and the like. In the upholstery of fine furniture, needlework is thoroughly in place. Its richness admirably harmonizes with the fine quality of good antique chairs, settees, beds, and the like. Contempo rary embroidery tends, perhaps, to rel too slavishly on ancient models. But it is by a thorough grasp of the principles underlying the best work of the past that the present generation of embroiderers will be enabled to pre-pare itself for the production of original work.

IREPLACES

FROM time immemorial the fireplace has been the center around which the life of the family revolves. From the brush fire in a cleft of rock in the cave homes of paleolithic man, to the huge ox-roasting fireplaces of medieval England, the open fire has remained the sign and symbol of the home, hospitality and good cheer. Today, when modern invisible heating apparatus is to be found in most of our homes, we still turn to the fire place for cheerful warmth. It still expresses to us something handed down in the race consciousness

In considering the fireplace as a unit in our proposed or remodeled house we must first think of its location, then its construction and lastly its decoration and embellishment.

In olden times the house was literally built around the chimney. Nowadays, however, we do not need flues for every room and therefore have more leeway in placing our fireplaces. In general, the fireplace is best if located in the middle of one of the sides of a room. In an oblong room the long sides are preferable, unless an alcove treatment can be introduced utilizing practically the whole of the short side for the fireplace treatment. In a square room a corner may often be the best place. Wherever it is, we should be sure that there is sufficient wall space on either side to lend an appearance of stability. Windows should not be nearer than three feet for the daylight coming from them is distracting. Doors and lines of circuulation should also be as far from the fireplace as possible for we do not want the fireplace circle disturbed by coming and going. If there is to be

but one chimney in the house its location will govern the placing of the fireplace to a certain extent, and, as chimneys are costly it is well to attempt to reduce their number as much as pos-

The basic principles of good fireplace construction are shown in the accompanying diagram.

The opening, proportioned to the room of course, is usually slightly wider than high, though this may be varied infinitely to conform to the architectural treatment of the room.

The depth may vary considerable according to shape, but should not be less than eighteen inches nor more than thirty inches.

The throat, preferably provided with a cast iron damper, should be the full width of the opening, and not less than five inches wide and six inches high. It must have an area of at least one tenth of the area of the opening

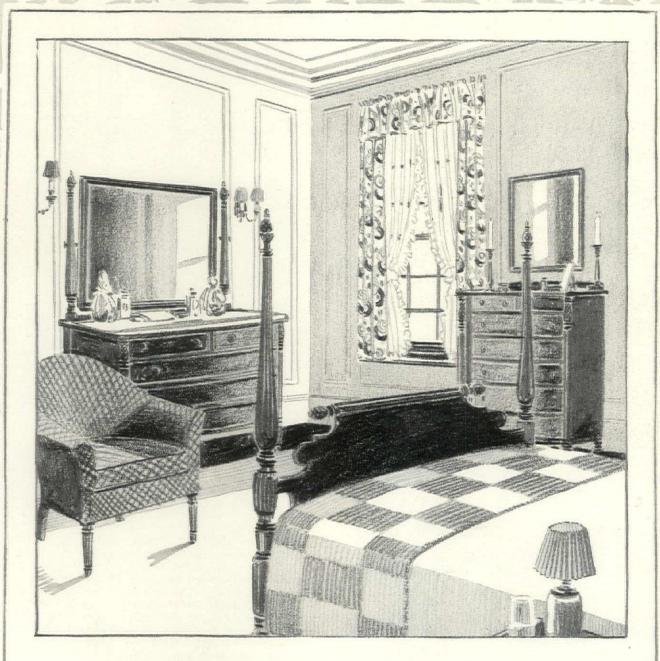
The side walls or wings should converge toward the back at an angle of from forty-five to sixty degrees with the front face.

The back wall should slope forward from a point one foot to eighteen inches from the hearth, until reaches the base of the throat.

The purpose of the smoke shelf i to deflect and return the natural down draft in the chimney. It should be a wide and deep as the fireplace floor.

The smoke chamber should not be gin to contract less than a foot abov the smoke shelf. The front wall e pecially should remain vertical as lon as possible. The smoke chamber whe narrowed in from the sides and bac forms the base of the flue.

(Continued on page 126)



Asimple and moderate priced ensemble frequently creates, by reason of the appropriate grouping of the proper furniture, an atmosphere of quiet charm and home comfort which lavish expenditure frequently fails to produce.

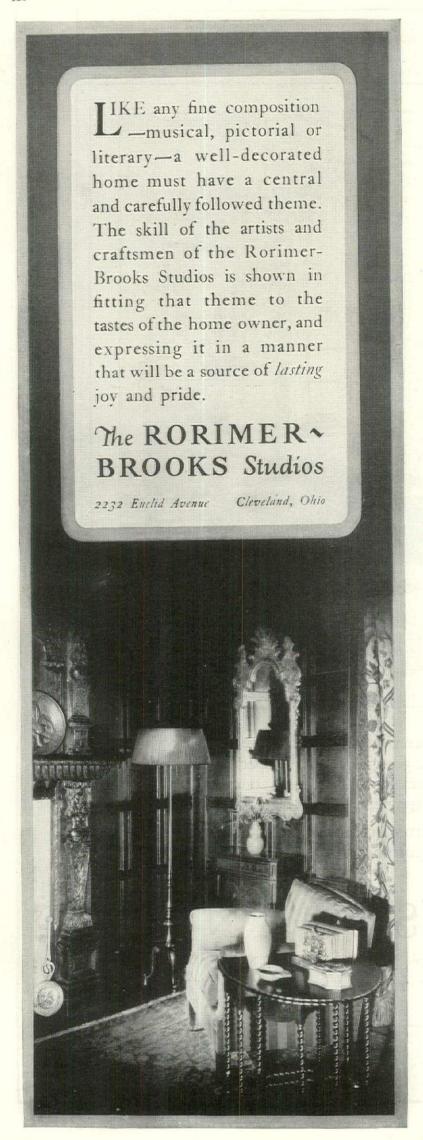
Our large assortment of furniture, at surprisingly moderate prices, offers an unusual opportunity for the creation of attractive home interiors.

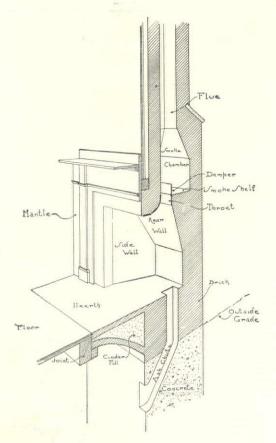
W. & J. SLOANE

47TH STREET AND FIFTH AVENUE NEW YORK

SAN FRANCISCO

WASHINGTON





This diagram shows all the essential points of the fireplace. The throat, smoke shelf, smoke chamber and flue are the most necessary factors in its functioning

FIREPLACES

(Continued from page 124)

The flue should be made of some smooth tile substance, and should be square or round in cross section. It should be at least one-tenth the area of the fireplace opening, or the same as the throat. It should start at a point directly above the middle of the fireplace, and should be vertical for a distance of at least five feet. Above this point gradual bends may be introduced in order to bring the chimney to the roof at the desired point. The interior of the flue should be carefully constructed so that it is as smooth as possible, and all joints should be carefully pointed with cement mortar.

The chimney itself should be of brick or stone, and should be built on a solid foundation below the frost line. It should not be made to carry any of the house timbers, for it is sure to settle somewhat, and if used as a support for the house, the whole thing will settle out of plumb. It should be of a sufficient size so that at no point will there be less than eight inches of brick between the flues and any timber or other inflammable construction. Sufficient flues should be provided so that there is one for each and every fireplace, boiler, or stove. A great deal of the dissatisfaction which has been experienced with fireplaces comes from trying to make more than one fire use the same flue.

Ash dumps with tight-fitting castiron covers may be placed in the hearth, to make the care of the fireplace easy. These should lead into a fireproof chute and box in the cellar.

There is now on the market a gas

lighter for fireplaces which obviate the use of kindling. This takes the form of a gas burner located in the hearth at the rear of the fireplace, and is controlled by a valve at the side.

Superheating devices by which air to supply the fire is first brought in under the hearth and so partially heated, and auxiliary flues which pass back of the fireplace and carry warm air by convection to other parts of the house have been devised, but are not commonly employed.

We are familiar with the delightfully simple Colonial fireplace, with its red brick and white mantel, but there are many ways in which the fireplace can be treated to give it novelty and added interest, without violating the architectural verities. Mat-finished tiles in warm tones can be used in place of brick for hearths and facings or the hearth may be raised a coupl of inches from the floor. The over mantel can be omitted entirely and merely an interesting stone, tile or plaster moulding used to enframe the opening. Very interesting effects can be obtained with the fireplace of unusual proportions. The opening may be eighteen inches wide by three feet high, with the hearth raised a foot of so from the floor, more or less in the manner of the European tile stoves This type of fireplace is excellent if equipped with a coal burning grate

Well-designed wrought-iron fenders

grates, andirons, and basket burners add also to the charm of the carefully

designed fireplace.

HENRY B. RAYMORE





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PACKARD has served the first families every where for more than a generation.

Packard reputation, like Packard beauty, comfort and distinction, is a heritage from a long line of fine cars—each built for those who asked no compromise with price.

And now the new series Packard Six is a worthy descendant of the cars which made the name "Packard" a hall-

mark of motor car excellence and good taste the world around.

Yet the Packard Six of today is not an extravagant nor even an expensive car. For example the five passenger sedan is \$2585 at the factory, and may be purchased on a business-like monthly payment plan.

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for the Summer Home

TIME to bring Spring into your home! Now—whether that means refurbishing the Winter apartment or getting the Summer place ready for warm weather, McCutcheon's is prepared to help you in this pleasant task. Our interior decorating staff will supply estimates for complete furnishings or give suggestions that will quite transform your rooms.

On the Fourth Floor, you will find Draperies and Curtains, ready-made or by-the-yard. Chintzes, Cretonnes, Hand-blocked Linens, Voiles, Marquisettes—all the favorite fabrics for Summer use. Hooked Rugs, Porch Davenports, Cushions, Bed Spreads—there's a wealth of accessories to make your home attractive, cool-looking, summery.



Many attractive pieces of

furniture for the porch are shown in the Home

Decorating Department.

Drapery Hardware and Trimmings, Table Scarfs, Screens and Cedar Chests are also found on the Fourth Floor. VCCULCACONS

FIFTH AVENUE AT FORTY-NINTH STREET

FORTY-NINTH STREET YORK

A TAPESTRY-INSPIRED LINEN

with the rich and brilliant coloring of L'Art Moderne



esigned by Schumacher, executed by one of the finest fabric printers in Alsace, it was accepted by the Paris Exposition of Decorative Arts

Into this printed linen of formal design the artist has brought that brilliant and original treatment of color which distinguishes the art of today.

Crimson, blue, old gold and green—gay flowers, parrots and sweeping draperies against the brown tones of conventional stone arches—this linen brings into a room an effect of bright sunlight.

The design itself is based on XVIII Century tapestry themes,—the flower-laden urn recalling the Georgian Period, the rich heavy drapery suggesting the splendors of Louis XIV's court and time.

So excellent is the workmanship and so successful the handling of color that this linen was chosen to hang in the Exposition of Decorative Arts at Paris in Pavilion I-55.

This and many other attractive Schumacher fabrics may be seen by arrangement with your decorator or upholsterer, or the decorating service of your department store. They will also attend to their purchase for you.

Write for our new booklet "Your Home and the Interior Decorator"

The most carefully planned interior may be entirely without beauty or interest because of faulty color treatment.

A decorator's wide experience with color and with arrangement are offered to you in the furnishing of your home and the selection of materials, without any additional cost to yourself. Why this wonderful service costs you nothing is explained in "Your Home and the Interior Decorator," an interesting and attractive booklet which we have just prepared.

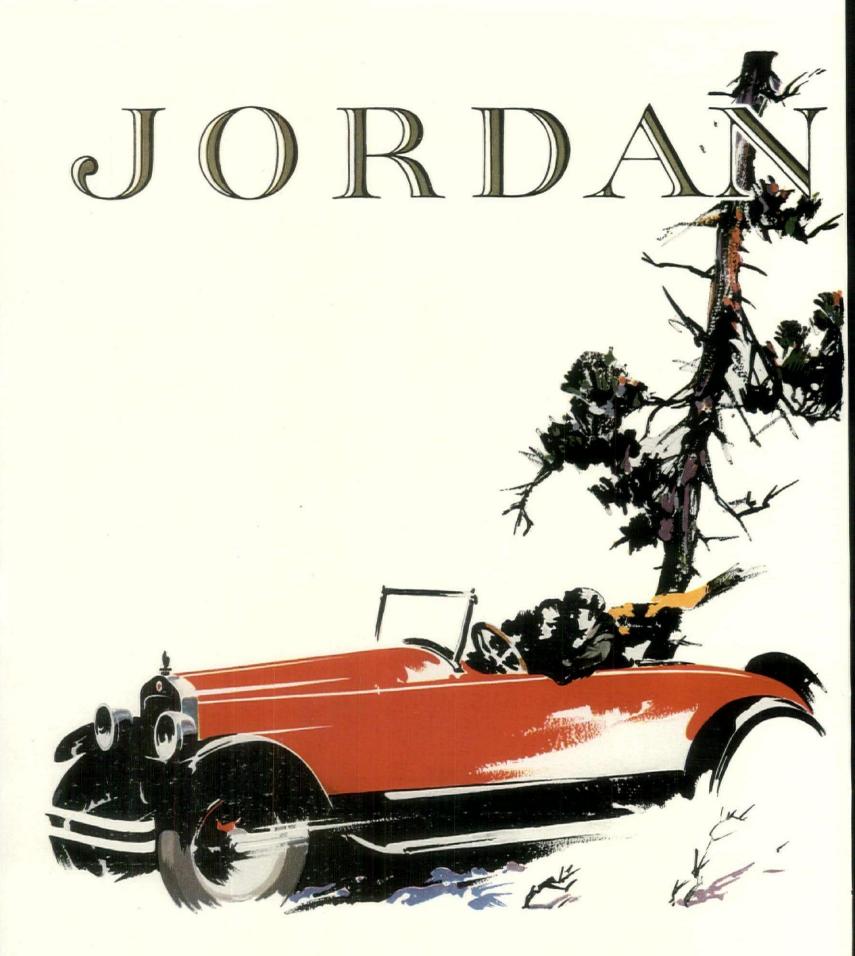
This booklet, beautifully illustrated in color, will be sent to you without charge upon request. Address F. Schumacher & Co., Dept. E-3, 60 West 40th Street, New York—Importers, Manufacturers and Distributors to the trade only, of Decorative Drapery and Upholstery Fabrics. Offices also in Boston, Chicago, Philadelphia, Los Angeles and Paris.



Ghis linen embodies the spirit of the past with the freedom of present day art. Rich in theme and in color, it lends itself gracefully to interiors of various periods, and brings into a room an effect of bright sunlight



F-SCHUMACHER & CO.



WELL—I don't expect to live more than one thousand years. I'll take an enclosed car for my wheel chair days. Right now give me a Playboy—and make it carmine. A friendly pilot in a coon skin coat—a road that never ends—and I don't care where we go.

JORDAN MOTOR CAR COMPANY, Inc. Cleveland, Ohio



What are the marks of the true Dutch Colonial?

A leading architect discusses the evolution and chief characteristics of this ever-popular type

"THE so-called Dutch Colonial style," says Dwight James Baum, a leading specialist in home architecture, "was originated by the Dutch settlers who came over in the early days of New Amsterdam. These settlers used simple materials and later, as they grew more prosperous, they displayed their wealth in the fine detail carried out in the main entrance features, and often in the cornice and interior fireplaces. As their lives were simple, so were their homes, and

from these we get the most important clues as to the execution of similar homes today.

"But," cautions Mr. Baum, "don't want an elaborate house and pick this style. Don't want a tall house, or one with much attic space.

"The true Dutch Colonial must present low, sweeping eaves, with unbroken roofs wherever possible. The materials must be simple, preferably siding or stone. The roof should be rough in texture and simple in color but not spotted. All window panes should be small in scale."

0 0 0

Mr. Baum's complete article on the Dutch Colcnial forms a very interesting chapter in a book just off



Photograph by Aime Dupont

Dwight James Baum, of Riverdale-on-Hudson and New York City, is numbered among America's most prominent architects in the field of home design. He is one of five men to be awarded the Gold Medal of Honor offered by the Architectural League of New York in country house work.

the press. This book contains a symposium by leading architects on today's styles in home architecture, and is of immense value to any prospective home-builder, or to anyone contemplating remodeling his present home. Simply write for it.

It goes without saying that, whatever style of home you finally decide upon, you will want a roof in complete harmony with the rest of the house. Carey Asbestos Shingles will give you just such a roof. They provide a variety of beautiful color effects—browns, slate gray, pottery red, blueblack. A special process of criss-crossing

the asbestos fibers gives these shingles unusual strength.

Besides, they are absolutely impervious to weather or fire—and they never wear out. You can be sure that the roof laid on your home is exactly as ordered, for every Carey Asbestos Shingle is imprinted with the Carey name.

The Philip Carey Company, Lockland, Cincinnati, Ohio.

A Dutch Colonial home of unusual charm, designed by Dwight James Baum. On a house of this type, Carey Asbestos Shingles provide aroof of singular beauty. And of course such a roof is proof against sun, rain, wind and fire—as long as the house stands. Yet these shingles cost no more than roofing materials far less desirable.



This new book, "Harmony in Home Design," contains authoritative discussions of home architectural styles by leading architects. A volume of real interest and importance to the prospective homebuilder. It will be mailed you free—send for it today!



Read what one woman says:

Lambert Pharmacal Co. St. Louis, Mo.

Sirs: I am inordinately proud of my hair and when, about two years ago, I found I had excessive dandruff, it gave me considerable worry. I had read of Listerine for dandruff but did not know much about it. Finally after continued, tho futile, use of high-class shampoos, etc., I tried Listerine and like magic the dandruff disappeared. It just seemed to dissolve, and has not returned. It seems a sort of miracle to me and I am so happy about it I felt moved to write this.

Sincerely,

Sept. 6, 1925

Oklahoma City

"It's almost a miracle!"

SOMEONE suggested it to her—or did she see it in an advertisement? Listerine, for the hair and scalp—particularly when you have dandruff, and so many women—as well as men—are troubled this way.

Dandruff is most of a nuisance when your hair is bobbed. (At least you notice it much more then.) Her hair had been bobbed only recently. And that was when she discovered the

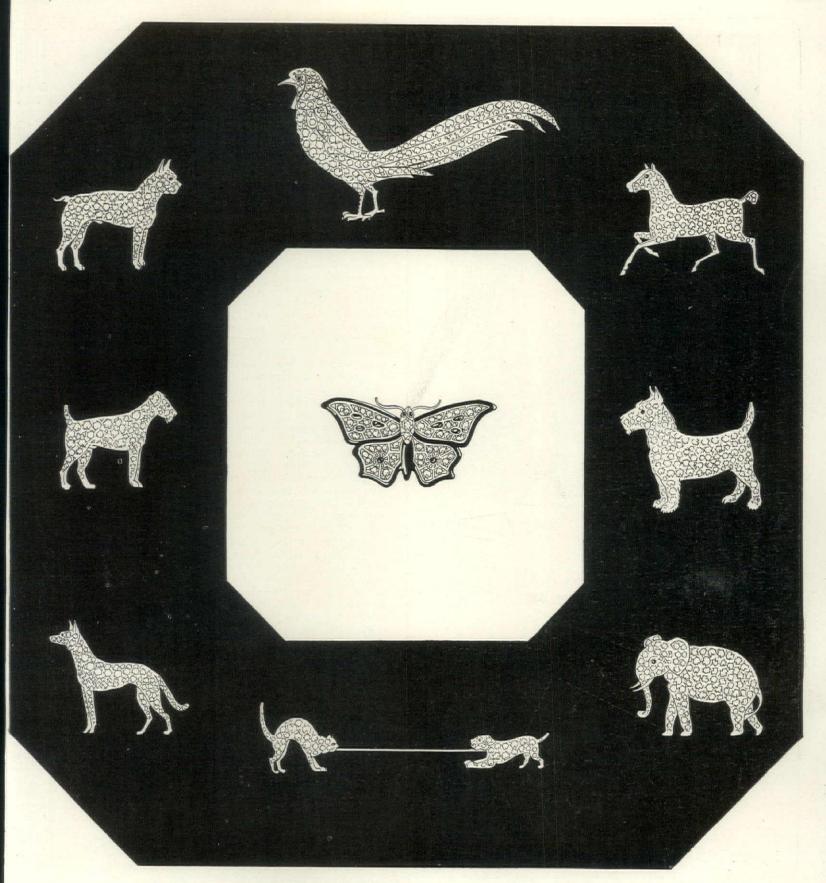
trouble. But regular applications of Listerine, doused on clear and massaged in, soon made a difference that seemed almost miraculous. Dandruff had disappeared!

It is really wonderful the way Listerine acts when applied to the hair and scalp. Invigorating, refreshing. And how it brings out that luster and softness that women want—and men like.

—Lambert Pharmacal Company, St. Louis, U. S. A.

DANDRUFF

and Listerine simply do not get along together



BLACK * STARR & FROST

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THE WEDDING that has the note of authority in all its appointments is announced on Crane's Kid Finish. Crane's Kid Finish is to wedding invitations what the other Crane Writing Papers are to social correspondence. They have passed the judgment of strict social censors. Their beauty is a delight; their correctness a social asset. And they are American papers, made in mills almost as old as these United States, with a tradition for making writing paper for exacting and distinguished purposes.

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The visiting cards of husband and wife must match in the engraving style, the color of the engraving and the shade of the cards. Crane's Satin Finish or Crane's Kid Finish, extra super-fine quality, in pearl grey shade, is the standard for correctness.

EATON, CRANE & PIKE COMPANY, 225 Fifth Avenue, New York

WATER IN THE ROCK GARDEN

(Continued from page 103)

and break into mist will make a colorful scene on a sunshiny day.

Some ridge or slant that will cause the water to flatten out or even divide as it goes over the falls increases the effect astonishingly and adds much to the sound—a point often overlooked.

The runways or brooklets must be well constructed if they are to remain watertight for any length of time. A good foundation, underdrainage, and large stones or slabs to build on are essential. A smooth floor is certainly to be avoided because it does not cause the surface of the water to roughen, and thus much of the sparkling in the sunlight is lost. Neither is a straight run advisable. Rather it would seem that a tortuous, crooked stream, running slowly over nearly level stones but dropping from varying heights at different points lends itself to the rock garden far better than does the swift-flowing water of a straight brook.

Curiosity and interest are stimulated by hiding the water in places. It can be piped from one pool to another, or from a pool to a "spring" outlet, or runways can be covered for short distances by flat stones which serve as bridges; by boulders that appear to have fallen into the brook as the water cut away their footings; or by thick stones placed close together to form canyons through which the water is supposed to have cut its way long ago.

The source of the stream may well be as a spring issuing from between two stones. Another perfectly logical entrance is from a pool—deep, moss-covered, and overshadowed by trees. From such a pool, apparently fed by underground springs, the water can either be piped or allowed to over-flow to others below it.

KINDS OF PIPE

Lead pipe is so much easier to manipulate around stones that its extra cost is more than offset by the saving in labor resulting from its use. Its pliability is handy, too, when one wants to flatten out or change the shape of the ends of it for different reasons. Where the water is piped from a central reservoir to a number of outlets, a piece of each connecting pipe should extend into the main reservoir for a distance of at least 6" so that the end of it can be raised or lowered as varying amounts of water are desired for different pools.

Where the supply pipe is located so that its replacement would mean great expense, one should endeavor to secure pipe that will give long service in that locality.

An unusual effect of moist, springy ground can be obtained by piping a small flow of water to a point near the surface of the soil and letting it soak its way out. Marsh flowers growing at such a place will give the finishing touch to the picture.

The final disposal of the water is often a puzzling problem. When the rock garden is located near a sloping field or wood, the picturesque way is to let the water run off as a natural brook. Its banks can be covered with moisture-loving plants if there is

reasonable assurance that the flow wi be continual enough to keep the so damp.

In the city the outlet should be int the sewer. Even if one wants the sur plus water for a bog garden, mear should be provided for caring for th excess rainfall, especially in the winte when the ground is frozen.

If no sewer is near, a huge dry well, varying in size from 80 cubifeet in light soil to 300 or more cubifeet in clay, filled with stones twithin a foot of the top of the groun will carry off an astonishing amour of water, provided, of course, that does not become filled with soil water.

A screen should always cover ever pipe opening, whether it is inlet of outlet. Copper fly-screen does well for small pipes, but it should be backed with a coarser, stronger wire when the pipe opening is greater than 1"

IMPORTANT DETAILS

Goldfish in the larger pools wil keep in check the mosquito wrigglers Usually the flow of water through th smaller pools will keep them free.

Miniature icicles of cement dark ened with lampblack molded onto th lip of the falls will guide the wate over in several places instead of al lowing the drops to merge into on stream. They also correct the tendence that the water has for running down the wall behind the fall.

If shallow pools, an inch or two deep, are made in the runways jus below the little falls, the water wil make a much more pleasing sound than it does when it strikes directly on the stone below. A ridge of dark ened cement or a flat stone placed in the stream bed will hold back enough water to give this added sound.

Where the water can be allowed to course down a stony path in crevasse between the steps a very interesting pic ture results. With a little ingenuity and the right material, one can easily construct such a waterway to look like a century-old brook that is gradually drying up, permitting one to walk up its former bed.

In some sections of the country stones can be secured that contain; large amount of mica. These, when used as part of the waterways, admuch to the "life" and sparkle of the water as the sun shines on them.

As the presence of water in brook and swamps is always associated in our minds with thrifty vegetation of a certain type, the use of this sort of plant-life in our rock garden near the brooklet and pools will give an ail of age and permanence.

of age and permanence.

Moss is perhaps the most useful member of the plant kingdom to give an impression of age. It is easy to transplant provided one secures kinds that are growing naturally in such a place as that in which he desires to use it. Strips of it can be secured from moist stones and tucked into corners near the waterline of the pool under the waterfall, and along the runway. Whole sheets of it can be used to cap stones with, provided one end can be arranged to dip into the

(Continued on page 132)

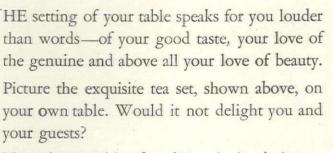
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Beauty
Gleaming
Unforgetable



The 3-piece tea set shown on this page is a lovely gift for the bride. Then how wonderful to later receive the other pieces for the 5-piece set. Write us for the booklet (above). You'll find it





There is a wealth of tradition in its design—the Mary II pattern. And into its every outline and ornament is wrought the true aristocracy of fine living—the charm and unforgetable beauty of "Treasure" Solid Silver.

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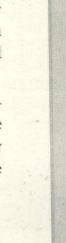
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1 0 S NORWOOD STREET







The William

The Mary II



WATER IN THE ROCK GARDEN

(Continued from page 130)

water to act as a blotter in keeping the whole moist; or they can be festooned from the lip of the falls to guide the water over.

Ferns can be used in exactly the same way. They are especially effective when massed under the falls so that the water strikes them occasionally, causing them to sway and nod.

There must be, of course, larger material near the waterways. Every cranny and nook that is capable of supporting plant life should have some to support. Certain of the small Yews and Junipers, and even some of

the evergreen trees may be used ithis connection. A miniature fore of that odd little Spruce, Picea excelsa pygmaea, close to the waterfa will give that feature an unexpecte scale that is quite amusing.

Of the deciduous material, I ca think of none that lends itself s charmingly to blanketing the poot walls as do the various Cotoneaster. They are perfectly willing to hav their branches swinging in the stream to hide entirely some bit of necessar cement work, or merely to fill its some otherwise shabby, out-of-the way corner.

FURNITURE OF ALSACE

(Continued from page 86)

be found throughout the Tyrol and Roumania and even into Southern Russia, have special emblems of ornamentation such as interwoven branches, entwined serpents, draught-boards and geometric signs like the swastika that might easily be attributed to Scandinavian forebears, if such motifs had not already been employed by the romanesque architecture in France itself.

The principal room in an Alsatian house is the *stube*, or reception, dining and bedroom all combined in one. (The kitchen is always quite apart, a thing very rare in the French provinces.) A long, narrow, massive table occupies one side of the room and is flanked by two equally massive oak benches with divergent legs, one of the benches being generally placed against the wall. In an angle above this bench one usually notices a little closed corner cabinet; in an opposite angle a triangular shaped buffet.

On the longest side of the *stube* is to be found the alcove; almost a room in itself, quite separated from the rest of the interior and sufficiently large to permit easy circulation round and about a pair of twin beds. This room within a room is abundantly furnished with arm-chairs, little tables and other commodities.

The alcove opens onto the *stube* by a pair of doors, each corresponding to the position of one of the beds, and each one framed in by wood panneling of the Louis XV or XVI period. During the 16th and 17th Centuries the beds had four posts, and even today many of them have draped canopies.

The Alsatian wardrobes of the last mentioned periods, in spite of their resemblance to massive stone constructions transposed into wood, were not usually well built. The defective joining was covered up by separately applied pieces such as frontons, columns, architraves, pilasters, etc. which were superposed and merely nailed into place. Now the wardrobe à la française of this same period was of excellent technique and very soberly decorated. Its typical characteristic is its upper cornice, whose fronton is either superelevated, semi-circular or brace shaped; these same traits are

very noticeable in the double bodies buffet of that particular epoch. Another peculiarity of Alsatian fur

Another peculiarity of Alsatian fur niture, even of the French period, i its colored decoration, done either in veneer or marquetry, often in of paint. And in this tendency we mus see the influence of Central Europe Compared to the flowery furnitur

of Alsace the furniture of Lorrain appears at once denuded and plain And to be really truthful it is. In ne wise was it influenced by the proximity of its neighbor, and its tradition consisting of delicate and elegant line and the soberest carvings is distinctly French.

The Renaissance made but little impression in Lorraine. This is easily explainable since at this period as wel as during part of the 17th Century the entire province was manifestly the stamping ground of all Europe, un-ceasingly trodden by warriors of all kinds. Living itself was so precarious that household furniture was in consequence most summary. It was not unti the 17th Century that true Lorraine furniture made its appearance. We first see the wardrobes made "double bodied," as of Burgundian inspiration, and as the century advanced Louis XIII pieces, extremely simplified, began to appear. It is well worth noting that harshness is the predominating trait of Lorraine furniture until well into the 18th Century. Under the reign of Louis XV Lor-

Under the reign of Louis XV Lorraine furniture came into its own, and we find it blossoming forth in all its delicately distinguished beauty. In fact long, long after the Louis XVI style became the fashion we find the Lorraine continuing the curved lines, their only concessions to reigning mode being the use of new ornaments, cut and adjusted to fit their favorite type of furniture.

Oak, Walnut and fruit woods (of the latter, principally Cherry and Wild-Cherry) were the materials most employed by the cabinet makers of Nancy and Sargamines, Metz and Lunneville, Epinal and Commercy.

Doors opened and closed on pol-

Doors opened and closed on polished steel hinges, neither over-big nor too small, like those of Provence, while the lock-covers and drawer han-

(Continued on page 134)



THE GUEST ROOM suddenly becomes the most important room in the house upon the arrival of a distinguished guest.

As hostess you feel that all your genius in home making will be judged by the beauty and comfort brought together in this one room. And when the guest is a woman versed in all the mysterious arts of home planning, the occasion is all the more significant.

What a relief, then, to know that the guest bed is beyond criticism because it is faultlessly dressed in WAMSUTTA PERCALE sheets and pillow cases. You know that your social lioness, wherever she may have been entertained, has never beguiled sweet dreams in greater comfort than you offer her with WAMSUTTA PERCALE.

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AS HOSTESS, YOU FEEL THAT YOUR GENIUS AS A HOME MAKER IS ON TRIAL

pillow cases are finished with that fine carefulness of detail that was once associated only with the finest imported linens. All hemstitching is especially protected by the WAMSUTTA tape selvedge so that it cannot tear at the edges.

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SARGENT

LOCKS AND HARDWARE



FURNITURE OF ALSACI

(Continued from page 132)

dles (the latter almost always hanging in style) were fashioned either of polished steel or brass.

All joining was irreproachable, especially in the armoires, and the artisans seem to have vied with each other in creating technical difficulties to be conquered, purposely multiplying the number of panels and moldings which need to be so carefully cut and joined.

During the Louis XV. period in particular it became a regular game to flank a little quadrilobe middle panel by four corresponding panels cut in profile, each one having its individual molding, its sharp corners, its deep gorges; and then to incrust the whole into a door of a buffet or wardrobe; the triumph of furniture decoration by molding alone.

Under Louis XVI. ornaments carved in the mass but rather meagre in line took the lead. Moldings became flat and their contours were less carefully studied. Together with this came a craze for florid ornaments both in sculpture and painted marquetry, the latter representing geometrical figures, flowers, animals, human figures and even whole anecdotes.

In the furniture of more modest character the taste for colored effects was satisfied by mere paint. This polychromia is the only influence that can be directly attributed to the prox-

imity of Alsace.

In the humblest dwellings the bed formed an actual part of the structure of the alcove, in which it was firmly incrusted on three sides, the whole framed in by wood panelings with sculptured moldings. In bourgeois homes the bed, when isolated, was a high four-poster. Later on during the 19th Century the posts were sawed off and topped by wooden balls.

The bed, the linen cupboard, the double bodied buffet, the table with round vertical turned legs, chairs almost always Louis XIII. in feeling even into the middle of the 18th Century, are the fundamental pieces of

Lorraine furniture. But the piece the is essentially characteristic is the chiral cupboard, composed of a long lost buffet with several doors, surmounted by graduated shelves on which the plates and vases were exhibited, sering at the same time as a decoration for the room.

This type of buffet is common several of the Northern provinces France, and what makes it typical Lorraine is its development in lengt As though not satisfied with two doo it gradually added one after another until some of the pieces have as mar as six. The hanging shelves for plat lengthened out in proportion, as often the china cupboard becar really complicated architecturall Uniting all its drawers in the midd of the lower buffet, as a substitute for the ordinary central panel, it place them one above the other, formir a commode. Likewise the hanging shelves grew narrower and shorte gradually surmounting only the cor mode or central section, and beir flanked on both ends by small close cupboards, corresponding in measur to the ones below. The whole topped by a straight molding cornic even under Louis XV. The effect such a piece with its mellow golde patine is both pleasing and imposing

Along these broad general lines the furniture of Lorraine lived and flour ished right up until 1875. Much of was destroyed by the wars of the last half-century, and local museums, and ious to preserve the national character are seeking to reconstitute whole in teriors. The Ducal palace at Nancy the Museum of the German Gate at Metz, the municipal collections at Remiremont, Epinal and the Old Min at Vic-sur-Seille, are the most interesting to visit.

Note:—M. Longnon's next article, is the April issue, will consider the rusti furniture of Provence.

COLONIAL ARCHITECTURE

(Continued from page 95)

framed with pilasters which were modifications of the Roman orders. A very common entrance consisted of a simple cornice over the doorway supported by pilasters or freestanding columns in the Doric order. As the style developed, entrances became more ornamental, and the more decorative orders were made use of; cornices were decorated and carved, and became bases for pediments; plain, broken and curved pediments were used. In some cases a second story was added to the entrance with pilasters framing a window, the whole being surmounted by a carved

The doors themselves were usually built of oak and paneled, the most popular being made with six panels. In the Colonies where the Dutch influence was most felt, as in New York and Pennsylvania, the Dutch divided door was very popular. In the homes of the rich, doors were made of mahogany and the door hardware, knockers, hinges, etc., of silver. Most people had door fittings of wrought iron or brass on doors of oak or other domestic wood.

Fan and side lights for doorways were much in use. They were quite heavily leaded, the glass being worked into a great variety of interesting

In the earlier days of the Colonial period the windows and window frames were extremely simple, the windows usually being of the double hung variety and containing twenty-four or thirty-two panes of glass, divided by heavy wood muntins. As more attention was gradually paid to windows and window decoration became more elaborate, architraves of

(Continued on page 148)



Embossed Queensware

IN 1761, Josiah Wedgwood, by perfecting Queensware after years of patient experimentation, gained for himself universal recognition as the Master Potter, and gave to the world a new type of earthenware of surpassing merit.

Embossed Queensware is made today at Etruria very much as it was made in the eighteenth century. The original classic shapes, so distinctive of Wedgwood, have been retained, and the delicately embossed decoration, in pale blue or cream, is still applied by hand upon the cream or ivory body.

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Mark on China



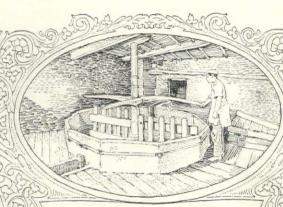
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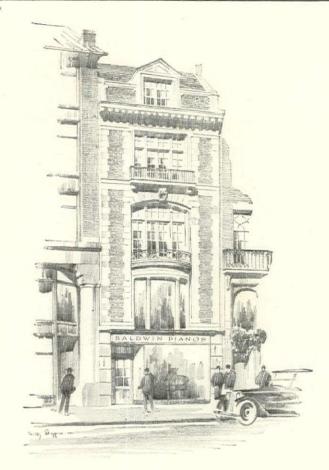
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An Old Mixing Vat, Etruria Potteries



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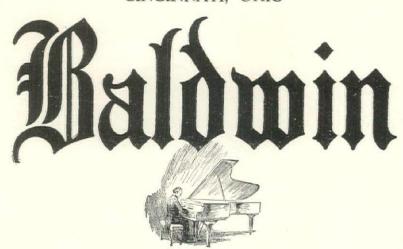
N THE purity of Baldwin tone, great pianists realize their musical dreams and reveal the mastery of their art. With the Baldwin, Bachaus, Gieseking, de Pachmann, Carreras and dozens of others achieve the highest recognition.

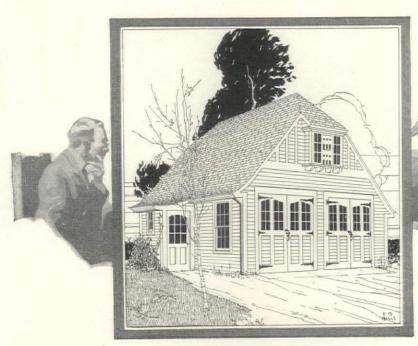
You will truly gain a new conception of a great piano when you visit the Baldwin dealer near you and play the Baldwin yourself.

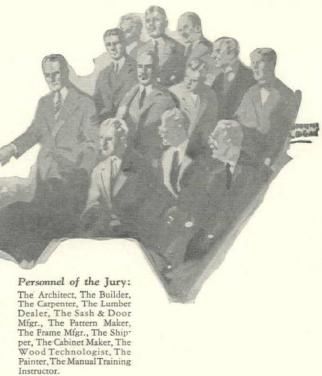
Baldwin Uprights, \$850 and up; Grands, \$1400 and up; Reproducing Models, \$1850 and up. Convenient payments if desired.

Write for the new book, "How Artists Choose Their Pianos" It is free.

THE BALDWIN PIANO CO. CINCINNATI, OHIO







"Build your garage throughout with California Pine"

-says America's great wood jury

No home, these days, is complete without a garage. And this important adjunct should conform in construction, design and outside finish with the house itself.

Therefore the wood qualities that point to the use of California Pine for house construction also recommend it for the garage. Chief among these qualities are—freedom from shrinking and warping, resulting in permanent tight joints and sound construction; freedom from splitting when nailed or worked; soft, even texture easy to cut; takes and holds paint exceptionally well.

That is why America's great wood jury-

composed of men who know wood-values—says "build your garage throughout with California Pine."

"And when it comes to garage doors," says the sash and door manufacturer, member of America's great wood jury, "special attention should be given to substantial construction plus lightness of weight.

"Garage doors are bound to receive some pretty hard knocks, and being larger than ordinary doors, they exert a correspondingly greater strain on the hinges.

"California Pine is the ideal wood for garage doors because it produces a good stout door, and at the same time provides the necessary lightness of weight. Also, this wood holds screws and nails very tightly.

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changes, California Pine doorsdonot change shape."

Altogether, the excellent qualities of California Pine make it well worth your while to consider it in the construction of your new home. Talk to your architect and builder about this fine building lumber.



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Everyone who builds a home should know the ABC's of building. Our free 48-page illustrated book "Pine Homes" contains valuable home-building information set forth in simple, easily understood terms, with graphic illustrations of the various operations incident to construction; also many reproductions of attractive homes. An hour's time with this book takes the mystery out of building. Simply fill out the coupon and mail now. It's FREE.

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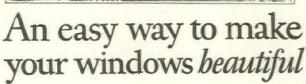
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The window at the left was arranged on the Judd Bluebird Triple Rod by Richard Gecil Pond, Interior Decorator, of New York City, using cream net glass curtains, with overdrape and valance of American Toile de Jouy, in tea color, with the Gonstitution design in black.



Use this better curtain rod with three new features

Now you can drape your windows with any combination of materials—the simplest or the most elaborate—as easily as you hang a single pair of curtains. The Judd Bluebird Curtain Rod is made in single, double, and triple styles, to make window drapery easy.

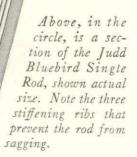
This curtain rod is made with the Can't-Fall Hook-Hanger, a new and exclusive hanger that is easily put in place with a few taps of a hammer. You hang each rod in place, separately, easily, and quickly—and this is a rod that stays up until you want it down.

The baked lacquer finish of the Judd Bluebird Rod—another exclusive feature—makes each rod slide easily through a curtain hem, and it prevents rust.

Every Judd Bluebird Rod is made with the three stiffening ribs that prevent sagging. This is the third exclusive Judd feature.

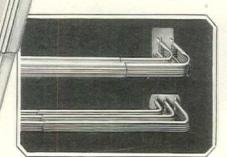
Ask for this better curtain rod by name, the Judd Bluebird Rod, at hardware and department stores. It is made by the world's oldest and largest manufacturer of drapery hardware, the H. L. Judd Company, Inc., 87 Chambers Street, New York, N. Y.

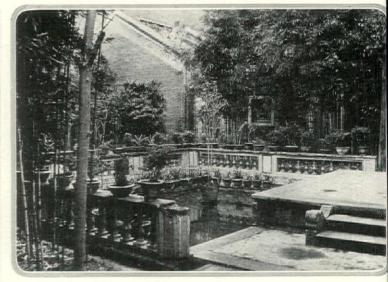
JUDD "Bluebicd" Curtain Rods



You can see the Can't-Fall Hook-Hanger at each end of this rod.

Below are shown the double and triple styles of the Judd Bluebird Curtain Rod.





The goldfish pool in a monastery garden. Bamboos form a screen on the further side. Visitors throw offerings of cash to the sacred fish here

WITHIN THE MOON GATE

(Continued from page 83)

without some living grotesque, a plant or shrub or tree by means of which the cunning artifice of the gardener has revealed the ludicrous aspect of Nature. A porcelain figure with shrunk, quizzical features serves to show that the Chinese humorist does not forget that mankind too must be an object of mirth to the gods of the upper air.

So much variety exists in different parts of China, and in the same part, that it is difficult to describe any typical plan for a Chinese garden. In America the garden is laid out around the house, in China the house is laid out around the garden. The house often serves as garden wall on two or more sides. A tiled roofed patio surrounds the courtyard garden and provides dry footing for slippered feet and a convenient shade for a reclining chair of bamboo or black wood.

In the center of the garden is the Lotus pond where most of the year great disk-like leaves of jade green hue rise above the water and are mirrored in its surface. When the Lotus blooms subtle transformation comes over the garden as with a beautiful woman' presence. Imagine a Waterlily, large and full, with dart-shaped petals, snowy white or delicate pink veined with crimson, and you have pictured the Lotus. But there is more in the picture than a camera or brush can depict, for the Lotus is a symbol recall ing the ecstasy of the host of Chinese poets who have loved its beauty and immortalized it in verse. Gazing at the purity and loveliness of the blossoms the Chinese scholar unconsciously recalls all that is most precious and finest in Chinese literature.

The Chrysanthemum, that ball of yellow flame which the Chinese gardener captured for his garden centuries back, is perhaps loved in China next best to the Lotus. It is a masculine and haughty flower growing at the top of a straight hard stalk. Its golden bloom

(Continued on page 140)

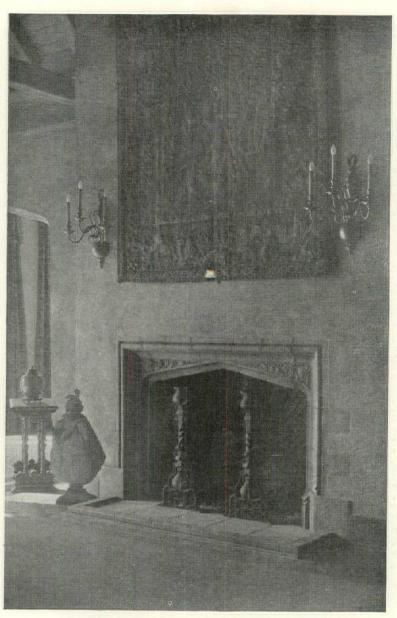


Some Chinese gardens have a granite tea table with seats for two where one entertains a friend on the night a favorite flower blooms



THE WOMAN of genuine social distinction, only a very few perfumes are acceptable. . . Among them is Rigaud's Un Air Embaumé, a truly continental fragrance of most intriguing personality. . . Parfum Un Air Embaumé and the various other aids to loveliness, bearing this same delicate scent, are all created in Paris. . . Doubtless you know them.

Of course, you know from the newspapers that this was the perfume selected to scent the Vanderbilt house at the time of the recent Consuelo Vanderbilt–Earl E. T. Smith wedding.



This built-in mantel of Old English type is unique both in construction and in appearance. It adds a conspicuous but unobtrusive note to a beautiful room.

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FRIENDLY room...great logs crackling in an open fireplace...an intimate tete-a-tete...enchantment!

The very heart of the room, the fireplace exerts a far-reaching influence. It creates an inviting, hospitable atmosphere obtainable in no other way.

The fireplace becomes a work of art, a permanent thing of beauty when it fits into its surroundings with perfect unity. The colorings of Batchelder Tiles are those of an old canvas...rich, subdued, mellow. The designs are original, distinctive; the textures soft, delicate. Although colorful in character, a Batchelder Mantel unobtrusively harmonizes with any decorative scheme ...blends perfectly with the ensemble.

There is also an infinite variety of Batchelder Tiles for fountains, baths and pavements.

More complete information in the Batchelder "Describe-o-Log". Write for a copy.

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WITHIN THE MOON GAT

(Continued from page 138)

shows to best effect in a pot of sky blue porcelain against a gray brick garden wall as a background.

The Narcissus, which the Chinese call the Water Fairy, is often grown in a spherical vase of crystal where it brings forth its delicate blossoms from white roots floating in clear water. The Water Fairy's presence is made known by the delicacy of its perfume.

Gardens in China are used at night as well as by day. After the sun has set and spent its heat upon the city the cool air settles on the garden. When the moon has risen the Night-blooming Sirius opens its ivory petals and pervades the garden with a fragrance of intoxicating sweetness. This is the time the Orchids display their rare beauty for a few hours' space.

WHEN A NEW FLOWER OPENS

For the opening of a new flower the Chinese invites his friends as we of the West invite ours to attend the opening night of a play. Chairs of black ebony with cool marble seats are offered for the comfort of the guests and small porcelain stools with cool smooth tops. The servant brings feather and palm leaf fans. The talk centers about old friends and kindred, or if the company is literary, the lines of the poets written on similar nights are recalled and quoted. Tea and refreshments, Melon seeds, dried Dates, Haw Apples, Dragon-eyes and perhaps candied vegetables and fruits are served. But these refreshments are only for hospitality's sake. The opening night of an Orchid, the evening in the garden, and the talk of by-gone days make up the

Part of the charm of the Chinese garden is the blending of the works of man and works of Nature into one. This is readily possible where few houses are less than a century old and time has lent a gracious aspect to brick and mortar. Lines are never hard or straight in an old house and broken tile or moss-grown roofs give their aspect picturesqueness.

The Chinese garden is very different from the Western one. It has an atmosphere of poetry and contemplation. Our gardens are horticultural and confine the rebel beauty of Nature which ever threatens to revert to the wild. Within the moon gate lie gardens which are more sophisticated, more full of repose and which appeal as strongly to the mind as to the eye. They flower as richly with the things which they suggest as with the blossoms that color their walks.

To express it in a different way, the Western garden has flowers and plants and trees for the eye and nostrils to enjoy. The Chinese garden appeals to the inner eye as well and awakens the poet and artist which is in all men. The Western garden is grasped at once,

but the visitor must pay a price for enjoyment of the Chinese garden. speaks only to the educated man, him whose friends are books and whom painting has given a second sight.

Within the moon gate landsca gardening on a large scale is less f quently found than the small gard Usually the Chinese landscape garde develops his larger plants about so natural feature such as a lake or mou tain grotto or rocky cliff. At Summer Palace near Peking a shalle lake forming an island connected w the shore by a camel's back bridge marble is the central feature. celebrated retreat of the Sung dyna was on the shores of the West La near Hangchow. The beautiful mo astery grounds are usually bits of p meval forest which have been spar to shelter the sacred sanctuaries.

In the South on the Pearl River n far from the great city of Canton the campus of a modern college whi is fast becoming one of the gard spots of the Far East. The campus of the Canton Christian College is a god example of modern Chinese gardenir on a large scale. Some twenty yea ago the site was an abandoned gravyard with little foliage to hide the naked ground dotted here and the with forgotten graves. Today the campus is an arboretum of trees an plants from all over the tropic world

EASTERN AND WESTERN LANDSCAPIN

In the layout of the College gan dens there is a pleasing mingling of Eastern and Western thought, an imperceptible merging of the East an West which symbolizes the spirit of the institution, for the College is a cooperative undertaking supported an administered as much by Chinese as bearing as a College is reflected in the grounds Long vistas framed by stately tree portray the mathematical minds of the West. The Tea House with fancifucurving roof lines which stands near the center of the flower garden recalls the imagination of the East.

This blending of the two cultures found on the campus suggests possibilities for the American garden Many of the charming elements within the moon gate could add distinction to our American gardens. Discreet borrowing would add an intellectual note which our gardens usually lack. We see the outward aspect of a tree or flower but are blind to the philosophy of Nature. From the Chinese gardener we may learn to make our gardens attractive to the spirit as well as to the eye, a place of retirement where we may experience the same pleasure that we find in the enjoyment of the classics, or a painting by an old master.

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The guests of Peter Faneuil, patriot of Boston, were served after-dinner coffee from this beautiful old pot which, of course, was genuine sterling silver—solid silverthrough and through. While it may be seen at Boston Museum, others even more beautiful can be had at your jeweler's.





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FORTUNY of VENICE



This broad terrace of sod serves as a green foil to the foreground of the wall, which is planted to alpines and Autumn Crocus

WHAT IS GARDEN DESIGN

(Continued from page 104)

is the essence and the design only its interpretation, its crystallization.

I am, I think, a firm believer in the American garden, as against the English or Italian garden; although just what I mean by an American garden I doubt if I could say. Every true garden must, of course, have some design, some formality, and architectural lines are the same the world over. In the immediate past, formal lines in the garden gave excuse for calling it an Italian garden—everything else was English.

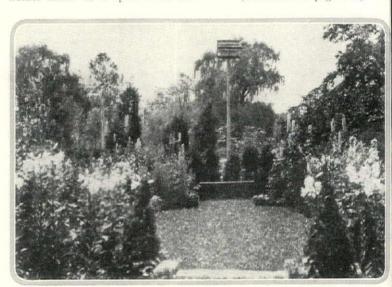
This probably can be accounted for by the fact that in the earlier days when the landscape profession was young we imitated gardens of the old countries. But the formal gardens of the old Georgian and Colonial homesteads in the South were certainly never called Italian, nor was any naturalistic planting of shrubbery, open lawn and winding walks called English. Most certainly, however, these two countries are generally conceded to be the precursors, so to speak, of these two methods of approach to a garden scheme, and rightly so. But I would consider this influence rather as a spirit from the

older countries of Europe, to be use basically for development along on own American lines, and not for al ject imitation. American garden at mosphere and design are still in the making, even as is American architecture.

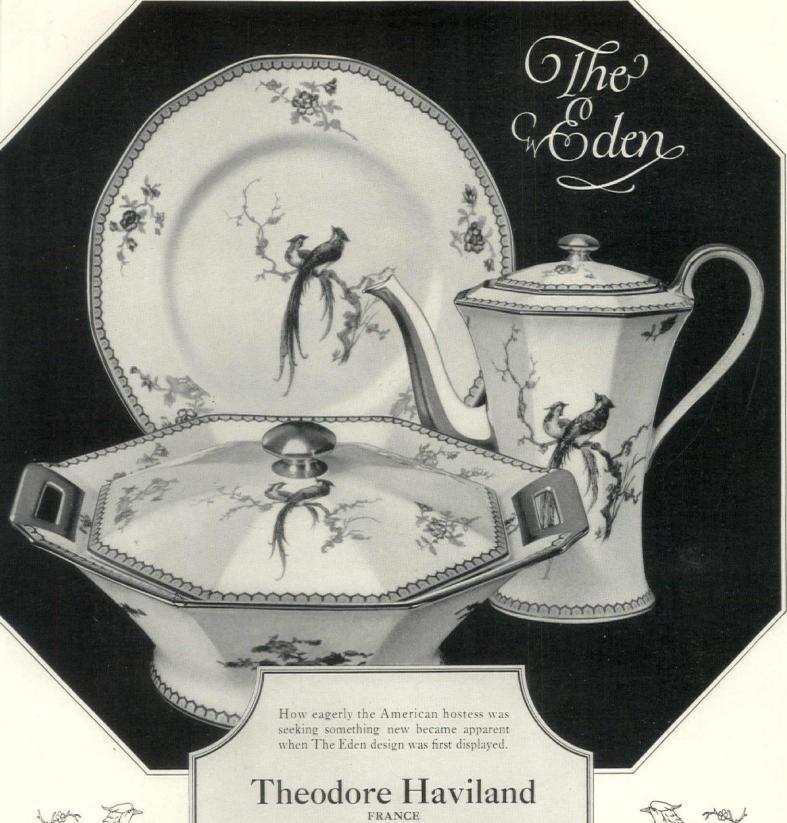
So that, even in the building of at American garden, we must have for mality of line. Regarding the formal garden as against the informal I confess strongly to the need of formality of line near the house. The only exception to this is a very small house in the cottage style or a bungalow in the woods—yet even the woodsy bungalow is fascinating under the spirit of a simple, formal garden.

The outstanding shape of the gar den should have some bearing on th house, especially if it lies very nea it. This, however, is not so importan as the garden's correspondence to the outline of the ground in which it it to lie. It should certainly be in proportion to the house, both as to ground-floor area and height.

Open spaces of green in the center of a garden or in the center of the (Continued on page 146)



Showing what can be done with a skyline at the end of a vista. The large trees existed. Intermediate Cedars were moved in. An Irish Bog-Oak bench and a bird house help lead the eye to the Elm that is the apex of the vista



The Eden met with instant popularity, which has continued and grown as that of any fine example of art and quality should.

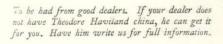
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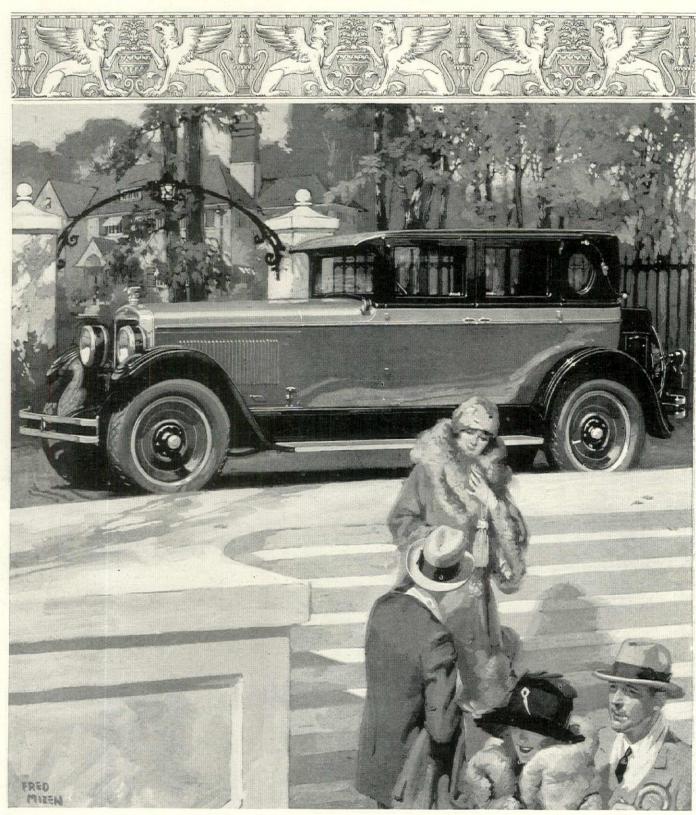




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GARDNER

EIGHT-IN-LINE



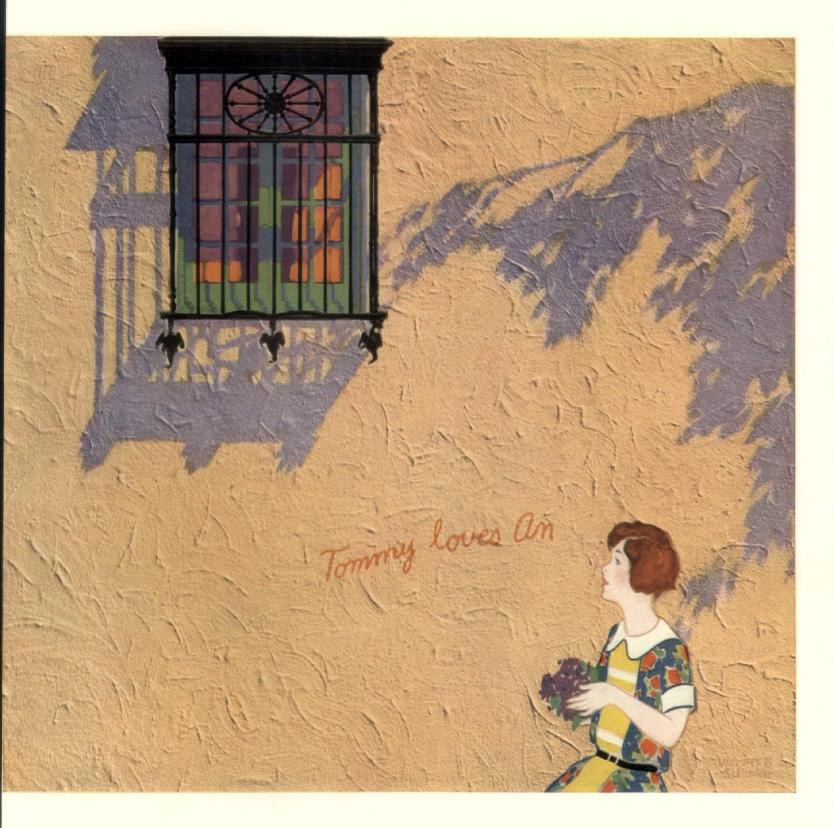
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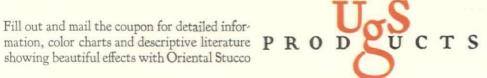
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Jane (a pretty maid, who has forgotten to put the ginger ale on the ice):

"WELL, I MUST SAY, MR. JENKINS, I DON'T SEE WHAT YOU ARE SO PUT OUT ABOUT - YOU CAN PUT ICE IN HIS OLD DRINK, CAN'T YOU?"

Jenkins (descended from a long line of butlers):

"YOU'RE A NICE GEL, JANE, BUT H'I'M H'AWFULLY H'AFRAID THE MASTER WILL BE SERIOUSLY PERTURBED. 'E 'AS SAID TO ME REPEATEDLY, 'JENKINS, CHILL THE BOTTLES, BUT NEVER PUT H'ICE H'INTO CLICQUOT CLUB PALE DRY; H'IT'S BLASPHEMY TO DILUTE SO DELICATE A DRINK.'"



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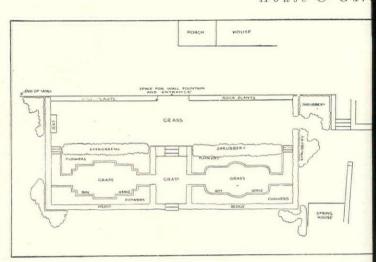
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The garden that is planned along formal lines should have a bordering hedge or other enclosure to prevent one's gaze wandering too far

WHAT IS GARDEN DESIGN

(Continued from page 142)

two corresponding sections of a garden are most desirable as a foil to the massed color of the flowers. This is known as a tapis vert. Sometimes when there is room the same color foil can be made of a long, narrow space or a square space of grass built immediately adjacent to the garden and as a part of the design, and labelled tea lawn, bowling green, croquet lawn, or green. With a group of outdoor tables and chairs this is very charming and makes the garden habitable and useful. Obviously, a bowling green or croquet lawn should measure up to the proper specifications so that it really can be used. Avoid artificiality.

Artistically, the important thing is the garden vista—for that gives the strong, high note to the garden scheme. It should overreach the garden on its longest line, and that line may be the garden axis, which it often is, or it may be a diagonal line.

A vista from the house or porches into the garden, or through the garden and out beyond it, is an invitation not to be resisted. Vistas should end in something, lead to something, and usually this objective is some sort of garden furniture—a seat, fountain, pergola, Italian oil jars, and so on. This accessory should be in proportion to the vista, for a long, wide open view ending in a dinky gazing globe is anti-climax. If you have a real view out over the hills and meadows, or over a body of water, and can arrange a garden vista to frame and include it, you will be fortunate indeed.

There are, too, the smaller vistas, the garden surprises, where one turns the corner of a walk and comes upon another picture. Always arrange some comfortable and accessible seat at the point overlooking the vista—do not make your friends stand and look at it!

The axis of the garden is usually in some relation to the house, although this is not absolutely necessary if the lack of it is blocked by proper planting. The line through a long hallway is often the garden axis, or the center of the steps of a porch or terrace. The axis must balance with the house or have some means of sup-

port from it. If you are plan smaller compartments as part of garden scheme, as cutting gar Rose garden, spring garden, tea la bowling green, etc., they must some bearing on this garden either the same axis or lines suppoby it. A garden axis which is the axis of the driveway turnar (on the other side of the house course) makes an excellent, complan as seen on paper; and all opactness of plan can be keenly se on the actual grounds even wit the bird's-eye view.

Terracing as part of the garden sign is always desirable, and s for a foil of green as does the vert. When steps are not to be wa on too much they are very love sodded, and give, of course, the race idea. . In gardens of two l we often use grass steps, cutting bank into six-inch rises where steps would naturally come, or ning the rises across the entire race. A terrace within the ga scheme to overlook the garden it or to look from the garden lower grounds where bulbs, Iris Peonies have been naturalized, other possibilities.

With the design fully schemed come to that alluring list of for and trained trees and shrubs w every wise man uses to "point up" garden. These are placed to ac tuate architectural points and to hance the design. The pointed e greens are best to bring out a and to carry it through to its com tion, which is, of course, the pic at its end. Many of the nicer sh can be procured in standard form, pyramidal fruits being espec lovely. A mass planting of stand Wistaria as a background for e things, as in an Iris and Peony den, is very beautiful.

All gardens along formal I should have an enclosure, not only privacy but as a limitation to the so that it can focus and be held attention on this special area—of wise the eye will roam about and sense of the garden and its de be dissipated. One must attract attention and hold it: the vista

(Continued on page 148)



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"The Melter"—a remarkable photographic study posed by Salvatore Scorpio, another Gorham Master Craftsman.

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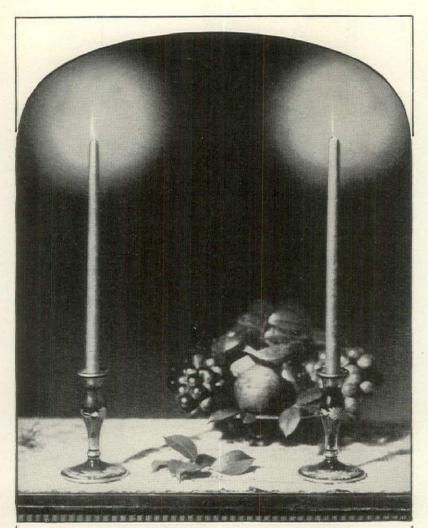
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ATLANTIC CANDLES

WHAT IS GARDEN DESIGN?

(Continued from page 146)

tracts, the enclosure holds, rivets. The best effect is when the enclosing line is very formal, as in a wall or clipped hedge.

Behind the hedge or wall is the background of taller shrubs and low trees to put the finishing touch upon the garden. Such things as Hemlock, Red Cedar, Dogwood, Chionanthus, ornamental fruits, Laburnum, etc. are grouped about outside in attractive shrubbery beds. Needless to say, evergreens are preferable with a few flowering trees mixed among them. Work for a good skyline in arranging a background, using the pointed things like Cedars and round-headed deciduous plants for contrast.

Obviously, the best effect in gar-

Obviously, the best effect in garden accessories is when they are used architecturally. Select good ones not too ornate in style and do not have too many—one or two good things well placed to mean something is far better than a number scattered about. Unless one wishes to keep a tapis vert open and sweeping some accessory is placed in the center of the garden.

Personally, I prefer them placed at the extremes to carry the eye along. The end or some architectural point in a vista always needs an accessory of some kind.

The accompanying illustrations are all of the same garden, and I hope give an idea of the main points I have tried to bring out in general garden design. In a great measure, they show the fit of a garden plot to existing contours. As seen from across the meadow the garden lies under the house in a snug and comfortable way and is entirely happy in the way it nestles.

An effort was made to build a garden which would seem to have been there as long as the house, and with that atmosphere of age to make a really formal garden, one with definite architectural feeling to follow out the ideal of formality of line in proximity to a house. But not an Italian garden, nor yet English; but an American garden for an American house which had seen some years and was well seasoned.

COLONIAL ARCHITECTURE

(Continued from page 134)

classic mouldings over the windows supported flat entablatures, and later, pediments. As the style developed, the size of window panes increased and the heavy wood muntins were replaced by thin ones made of lead.

Windows were usually built flush with the outside wall of the house, making—on account of the heavy wall construction of the time—deep window recesses inside the home. These deep window reveals account for the prevalence of those window seats and flower shelves which so greatly enhance the beauty of Colonial rooms.

Outside wood shutters were much in use. These shutters were first made with two panels, usually of equal size. The Dutch influence, however, led to the use of three paneled shutters, the upper panel being quite small and, as a rule, pierced with some simple design, usually in the form of a crescent, although a great variety of designs may be found.

Inside shutters which slid or folded back into the window reveals were built. These shutters became an added protection against the weather and, originally, against hostile tribes of Indians.

About the middle of the 18th Century, shutters were introduced having fixed louvres, or vanes. These became very popular and have survived through to the present day, now being called blinds.

The simplicity and beauty of the hand-worked moldings of the period are lasting tributes to their designers and workmen. As decorative features around the fireplace they were especially fine. The fireplaces built in the first years of the period often occupied almost all of one end of a room; they were indeed spacious enough in

some cases to allow broad, highbacked wooden settles to be placed inside.

As the period advanced, fireplaces became smaller and the decoration about them grew more ornate. When no mantel shelf was used we sometimes find a heavy bolection molding surrounding the fireplace opening. We also find some very good examples of eared moldings, sometimes called croisettes, quite popular. The wood framing of the fireplace proper usually began from six to eight inches back of the opening. Mantels were first used in combination with quite simple moldings, but later the moldings were replaced or used in combination with pilasters. These pilasters were very plain, but advancing with the period becoming, in time, quite ornamental with elaborate caps and fluted columns. The fireplace side of a room was often paneled and carved moldings were used surmounting mantels and running up into broken and straight pediments, forming part of the paneling found in many late 18th Century rooms.

Contrary to one of the prevalent ideas of today, the Colonial walls were very often plastered; in fact, that was quite the usual treatment in the ordinary homes. The use of French and English wallpapers was gradually adopted and we find these wallpapers very often in the homes of the well-to-do during the latter years of the 18th Century. Such rooms were papered above low wainscots which rose to the level of the window sills.

The ceiling heights in Colonial homes depended upon the climatic conditions in the varying sections of the country. In the Southern Colonies, where the weather for the most part

(Continued on page 190)



the tiny village of Salzburg, in a peak-girdled valley of the Tyrol Alps, a sturdy peasant, in the XVI century, fashioned a spinning chair, skillfully hand carved and colorfully decorated. Time has almost destroyed the original; an arm is gone, a stretcher missing; but its charm of pattern and decoration has been preserved for the American homelover in this delightful breakfast room suite No. 3025. With its balanced lines, quaint carving and cheerful color, it can bring to your breakfast room something of the freshness and beauty of an Alpine glen abloom in the springtime.

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decorative. My mother held that a flower ought to be loved for what it is, and not for what it is, and not for what it is worth for he had not been able to get them.

decorative. My mother held that a flower ought to be loved for what it is, and not for what it is worth for decoration. She had a horror for the taste which merely used flowers for their effect, and the Box simply as material to fill up a garden or to make a hedge. There was also the Spirea of Asia, chamaedryfolia, whose beautifully cut leaves and snow-white flowers hung in gently swelling clusters that fell in beauty and made the stems bow down and arch under their weight. The other Spirea was the hypericifolia whose long branches, curving under the pure white flowers, were al-

together a poem.

We had a Staphylea, that we called the Lily-of-the-Valley Tree because of the resemblance of its flowers to those of that flower of May. Its little rosy white clusters, falling, gave birth to vesicular fruits containing seeds like the beads of which our sisters used to make necklaces and they gave us the greatest joy. This is the Staphylea pinnata, well known but little enough used. Its brother, S. colchica, being more beautiful, has replaced it in the public favor. A beautiful shrub, with flowers in long slender spikes, it gave us in May and June delightful quantities of flowers.

Imagine the close pendulous clusters, Prussian blue with a violet tinge, with orange stamens rising above the velvet below, and you will have our Amorpha fruticosa, which is a North American papilionacea. America has besides given us another flower, exquisite as to perfume as well as appearance. I am speaking of the curious Calycanthus with its dark brown flowers formed as of shells placed one above another like the tiles on the roof, and which has a perfume most alluring to our childish tastes. It smells of Bananas, of Strawberry, of Raspberry and of Vanilla all at one time and it is called Calycanthus floridus.

SYRINGAS AND OTHERS

Naturally there were the Syringas or Orange blossoms (Philadelphus) and that little shrub with slender branches, with flowers deep pink and in tiny clusters which are followed by waxen balls, the Symphoricarpos, and that we call the Tree of Wax Berries but the French name is the Pearl Shrub. It is the Symphoricarpos racemosus of the United States. My mother held in high esteem a certain Canadian Raspberry whose leaves resemble those of the Platane but they are smooth and fragrant, and whose flowers like the Eglantine are carmine red with white anthers in the center. This is the Rubus odoratus, so called because of the delicious perfume of its flowers and its glandular stems.

It is the moment of the year when, the shrubs having blossomed, the garden somewhat lacks color, and only the perennials and annuals bring life and color. There are still the flowering shrubs of summer and of autumn. I will name only the marvellous Genets of the south. G. juncea, which in July and August makes gay the slopes of Floraire and compels the admiration of all visitors. But Grandfather either

he had not been able to get them had always given us the Althea biscus syriacus) which from A till the end of September gar superb flowers-great, tender, re mauve flowers marked with brow the throat, carried on their branching stems. The whole form shrub from one to two and a meters high, sometimes more. I Italy, where the management ha the happy idea of planting them: the railroad tracks, I have see best specimens of them. them of all colors from dark vi pure white and always marked the dark touch at the throat. It of the most precious of plan autumn, the decoration of the ga

HONEYSUCKLE AND JASMINE

We also had vines climbing ove house on a trellis specially made them. First the ordinary Honeys satisfied our ambitions. Its perf so strong at night and so exqu transported our imaginations from our cold country, for treasured as an exotic that beau native of France which abounds it Midi. We used to stay up in the ing to surprise the nocturnal be flies that hovered over its bloss Above all it was the Jasmine tha chanted us. Grandfather had pla two roots of it on either side of door of the house and the perfun those two Jasmines filled our chi memories with fragrance. I have then found in the Plainpalais, old garden, the Jasmine (J. affin which has the largest flowers wi double corolla, and much more d oped as to both size and perfume nothing will ever make me forge single Jasmine of my childhood.

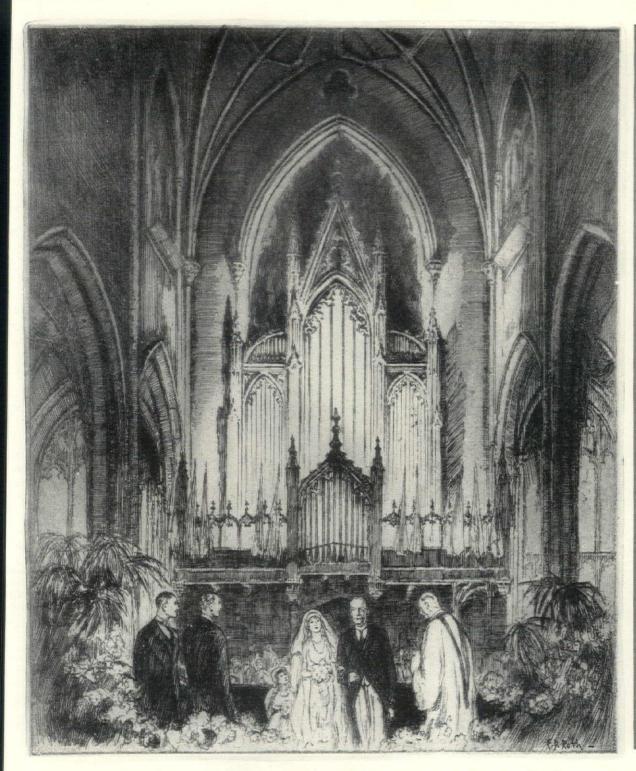
It goes without saying that we Roses, but they were standards, up on their stems like plumes. Tyou still see in some old gardens oultra-modern ones. They have beauty but they are more pract When the Tea Rose first appears was added to the collection. We well taken in, discomfited, when found that it did not smell of te

Then there were our perent planted in mixed groups, which s us delight above all in the early spr time. We know how much the flo of the first beautiful days are ap ciated. We had Christmas Roses, g masses of rosy pink. Sometimes appeared in time for Christmas.

Then there were the Hepaticas we call the "daughter before mother", because the flowers come fore the leaves. Their single flowere lilac or white, clear deep pand dark blue. A bed of golden cuses and another of silvery will filled us with joy in the month March. There were, too, the sin Hyacinths, that were left in the groall summer without taking them (which one ought to do if one muto keep the flowers large), in the beautiful clusters, delicate pink clear blue or again pure white.

In a shaded border my grandfa

n a shaded border my grands (Continued on page 154)





Modern brides are changing the solid silver trend

FW standards are to the fore in solid silver. From good jewelers everywhere comes that indication. The explanation is the modern bride. To be sure, her silver must symbolize her family's prestige, but it must proclaim her own correctness, as well.

It is this modern bride who is responsible for the swing to International Sterling. She likes to know that her silver comes from the Fine Arts Division of the greatest company of silversmiths, with every resource of craftsmanship and art devoted to its perfection. She likes the modern feeling of International Sterling designs.

For instance, the Trianon Design. Immediately does Trianon stand out from

THE LOVELY "Bride's Book of Silver" SENT FREE Its cover is a bride's dream, in old rose and silver. Its contents are a bride's hope—in picture and story.... Presents wonderful full-size plates, showing ten designs in flat silver and hollowware, and giving prices. Please write your name and address below and mail to Dept. 1-104, International Silver Co., Meriden, Conn. conventional designs. Its bowl is decidedly full. Its handle is straight. Thus far, the characteristics of those fine, vigorous Queen Anne spoons-priceless antiques. Crowning this classic severity, is a splendid decoration, the modernizing touch.

Trianon has been created in a complete dinner service. All pieces are stocked permanently, for additions at any time. If your jeweler is not showing Trianon, he can readily send for specimen pieces.

INTERNATIONAL STERLING

The spirit of FREEDOM symbolized in American furniture



LITTLE carved and gilded eagle atop a secretary desk shines out of the dark corner of a room in Old Salem.

To the casual observer it might not seem of particular interest. But this eagle was carved by the great "Wood Carver of Sa-

lem," Samuel McIntire, and into its shaping was breathed a fervent love of country born of the stirring days of the Revolution.

According to Burke, "A fierce spirit of Liberty" was the outstanding characteristic of the American colonists -and it is still the dominant passion in our national life.

To one who has studied American traditions in furniture there is no more interesting discovery than the revelation of this spirit in the exquisite symbols carved in delicate relief on the backs of of doorways and the panels of mantels; in the sculptured vigor of his eagles, consummate and most significant treasures of all Americana.

1789 is a year of significance in American

McIntire chairs and sofas, in the pediments

Careful copies of McIntire eagles! Even the Washington desk!

Reproduced with meticulous care for minutest details of proportions, all these may be seen and studied in Danersk Furniture and later incorporated in your home at no

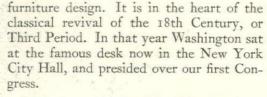
greater cost than objects less thoughtfully produced.

You will also be particularly interested in the new pieces with carving and color in the earlier periods of French Provincial and Spanish Colonial that will be shown through the months of March and April.

A complete selection of Danersk Furniture is on display in our salesrooms—the only places where it may be seen. You and your friends are always welcome, or you may obtain Danersk pieces through your decorator.



The Washington Desk, one of the finest examples of 18th Century American craftsmanship



In that year also he visited New England. Standing on the balcony of the court-house at Salem, he bowed his acknowledgments while odes were sung and the populace shouted itself hoarse.

And McIntire, at a window across the way, made the sketch from which he later carved his famous Washington Medallion.

These ancient symbols are dear to all true Americans. In Danersk Furniture we count it our duty to catch all fleeting glimpses of them and make them live again in convenient forms for the homes of our generation.

Delicate inlays of traditional shells on a serpentine sideboard! Eagle medallions!



An old ship's cupboard makes an ideal bookcase and cabinet for a gentleman's study



A tambour desk with serpentine base and McIntire eagle in the pediment

ERSKINE-DANFORTH CORPORATION, 383 Madison Avenue, New York

Opposite Ritz-Carlton Hotel

Chicago Salesrooms 315 MICHIGAN AVENUE, NORTH

FACTORIES IN NEW ENGLAND

Los Angeles Distributor 2869 WEST SEVENTH STREET

LINCOLN

This 4-passenger Sedan by Le Baron is an achievement in beauty. Loose second cushions enhance the passenger comfort.

LINCOLN MOTOR COMPANY Division of Ford Motor Company





Radiola 28, (at right) eight-tube Super-Heterodyne, including eight Radiotrons. \$260

RCA Loudspeaker 104, (at left) with power amplifier and battery eliminator, operates the set entirely without batteries on any 50-60 cycle, 110 volt lighting circuit. Complete in its cabinet. \$245

A. C. Package, adapting the Radiola for use without A, B, or C batteries,

Get a whole orchestra at actual volume

RCA Radiolas achieve reality by duplicating volume as well as tone

HERE is radio dance music that you can dance to in a great hall. It is loud and full as the orchestra itself—talk or dancing cannot drown it out. And with all its tremendous volume, each note is clear, each instrument true!

Even in a small room where you would not turn on all the volume, half the illusion of reality in listening to music depends on having reserve power. But this was never possible before. An ordinary radio set has a definite volume limit for clearness. Too often it is operated beyond that limit and it is always on the verge of distortion. Because it has no reserve power, the ordinary set renders a sudden fine climax of music with a crash!

But now you can turn up the volume as loud as you please, and the voice is still true and undistorted. In the new RCA Radiolas, new vacuum tubes and power amplifiers give power enough and to spare. There is no more straining to get the quietly spoken word. There is no more need to call on the imagination to supply tones lost to the ear. Low notes are mellow and full. High notes are sweet and clear. Music and speech are real and actual in tone and volume!

Radiola 28 is an eight-tube Super-Heterodyne that needs no heralding of its performance. With all its delicate accuracy, it is operated with a single control! With the new RCA Loudspeaker 104, it is operated entirely without batteries—just by plugging in on the house current.

This new loudspeaker, with its power amplifier and battery eliminator, employs an entirely new principle of reproduction. With the Radiola 28 beside your chair, and this remarkable new loudspeaker in a distant corner of the room, tune in to new thrills in radio!



RCA Radiola







ANY treasured heirlooms are beautiful almost by chance. Even the time-honored spinning wheel that was made primarily for use, was so carefully built that out of usefulness, a lasting beauty grew.

Heirloom Plate is different. It was created for beauty as well as for use. Time will not destroy its usefulness. Generations will not rob it of its beauty. For Heirloom Plate is guaranteed for one hundred years.

Write to us for names of Heirloom Plate jewelers near you and illustrations.

Ploom Plate
From Generation to Generation

WM. A. ROGERS, LTD., NIAGARA FALLS, N. Y

New York

Chicago

San Francisco

Toronto



"Just feel that draft!

No wonder it's so darned uncomfortable in here"

"Why, there isn't a room in this house where a fellow can sit in real comfort for more than ten minutes at a time. The radiators are hot, and the halls cold—so are the stairways. And the floors! The children can't play on them without catching cold in less time than it takes to tell it. We've certainly got to do something to stop those infernal drafts—and do it quick."

The thing to do, of course, is to shut that wide-open gateway thru which cold, dusty, germ-laden air troops into your home—that unprotected crack all around each window and door. Monarch Interlocking Metal Weather Strips will shut it for you.

With these interlocking self-adjusting strips on every window and door, you'll have an easy-to-heat house . . . warm upstairs and down . . . free from draft-swept halls and stairways . . . with no hard-to-heat rooms in it. Your fuel savings alone will more than pay for the Monarch equipment and its installation in from one to three heating seasons.

But....get the whole Monarch story! A post-card request will bring it by return mail. Write for it—NOW!

MONARCH METAL PRODUCTS COMPANY

4920 Penrose Street

St. Louis, Mo.

Manufacturers of Monarch Metal Weather Strips for Wood Windows, Doors and Pivoted Steel Factory Sash

Representatives in All Principal Cities



LE JARDIN DE MON GRAND-PÈRE

(Continued from page 150)

had planted Tulip bulbs which each year and long after his death gave us happiness and joy in full measure. They were in all shades and colors and our mother told us great tales of what was done in Holland during the excitement of the Tulip mania. I have since found in Holland the very place where those famous Tulips were raised. It is on the spot where are now the bulb gardens of the house of van Tubergen, who have continued their culture ever since the great century of the Tulip. Our collection had in no way the character of the Tulip mania. We admired the flower for what it was, and not for what the enthusiasts had done for it.

SPRINGTIME BLOOM

In the month of April the Peonies gave us their enormous blooms, clear pink or deep red and very double. They never had the effect and the charm that the superb Peonies of China have, those which we cultivate today and which smell so much like the Rose. The Iris of the garden, variety pal-lida, delicately perfumed, lifted its azure branches above tufts of leaves cut into sabres of clear green, delicate graceful flowers of pale blue. The Ranunculus, those marvels of our present-day gardens, were there, but in a limited number of types-only the blue and the white. There was one precious clump that my father had brought from Belgium where he had seen it in 1853, a novelty then for the country, the Dicentra spectabilis. What punishment we received from him for having picked some of the flowers to see if it was true that in the center of the corolla (they called that kind of plant the Anchor Plant) one would find an anchor! He had given that clump to our mother and had not intended that the children should touch it. We had also in the springtime the double yellow Buttercup, Ranunculus reptans flore pleno, and the R. aconitifolius fl. pl., and then that veritable fountain of double white flowers, Hesperis matronalis, and the Madonna Lily, pure white and fragrant. The Yellow Lily, which was only the Hemerocallis fulva, lifted its great clumps outside the border. The Rose of May, Melandrium rubrum, and the Cross of Malta with its vivid scarlet flowers, the perennial Delphinium or Larkspur, the variegated Aconite with flowers striped white and violet blue—that, they called the Chariot of Venus. There was the red Oriental Poppy in its native form, brilliant scarlet, and the fragrant Phlox paniculata in its native lilac. All these gave us beautiful pictures and gave to our mother quantities of flowers which she took pleasure in sharing with her friends, above all with the sick. Sometimes as young schoolboys, hurrying to get to our classes, we still had to climb the stairs to carry to the beds of the suffering the perfumes and the colors that we could have wished to send to the devil!

There was a curious clump with succulent stems, a Stonecrop (Sedum purpurescens) whose flowers in compact heads attracted all the bees in our neighborhood. We had too the red

Potentilla, or "strawberry touche with blood" as we called it. Wha life in its red-brown flower whic gave out a strong odor of the Wil Strawberry! It is the Potentilla atrosanguinea of Himalaya, but we though it was the American Strawberry!

The one of the plants that did the best in my mother's bouquets was the Siberian Veronica, V. longifolia. There was the Bee Balm, however that gave the most pleasure to our mother, because of the aromatic odo of the leaves as well as from the flowers, vivid carmine pink like the Cocks comb. A little branch of its foliag perfumed the whole bouquet. That is why we have named it perennial Basi. That variety Monarda purpurea was given me by my mother who loved as her eyes. I have it still at Floraire.

Toward the end of the summer an in the autumn, we had the Harves flowers or the hardy Asters, in fou varieties, though our gardens toda have several hundred. The most de sirable was that one called the "Gardener's Tear" because it would appea quite the last on the garden scene. It is the Aster ericoides whose myriads of little white flowers hidden in the mist foliage made a delightful showin in November.

In the shady places my grandfathe had planted appropriate varieties, the Hemerocallis of Japan, Funkia sie boldi, whose large leaves of bright green, exquisitely veined, setting fort the pure white flowers with the fragrance of Madonna Lily, were the delight of the old garden. There were two large clumps called the "Despain of the Painter", because the flower tipped with bright pink points most difficult to show, they are so numerous

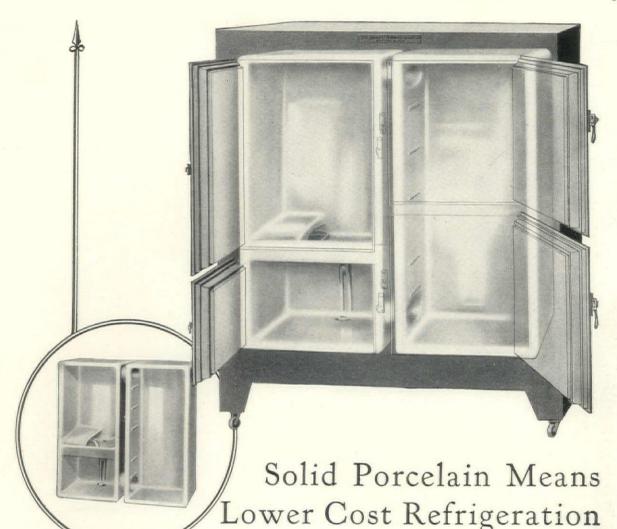
There is a beautiful plant for the shady places, Saxifraga umbrosa, that I have been lucky enough to fingrowing in its native state in the Pyrenees. The English call it London Pride, because it does well even in the heart of London itself. In the shade of the Pines there was a little Holly with bright red berries.

Toward the end of summer ther were still two varieties of Chrysan themums of the pompom form that one rarely meets today. Then we must not forget the Verge d'Or, that upstanding panicle that attracts the bees, giving them a delicate honey.

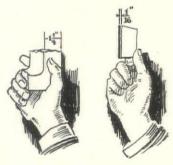
THE DAHLIA PERIOD

From 1840 to 1860 we swam into full Dahlia mania, the Tulip mani being out of style, and my grandfathe did not escape it. We had a place es pecially for the Dahlias or Georgines thirty varieties that were carried t the cellar every autumn where th bulbs could be kept dry and warm. I the springtime he brought them u again and they were planted very care fully after a design settled upon i advance so that the highest should b in the center and the lowest at the edg of the bed. Some were pure white some dark red, bright yellow or or ange, others of white variegated with red, and so on. They are stiff and proud, perfect but without any beauty Grandfather, who was patriotic to

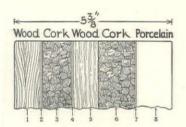
(Continued on page 156)



China surfaced crock interiors of solid porcelain—cast in one piece without crack, crevice or seam—act as stabilizers—maintain low temperatures longer—prolong life of electric refrigerating machinery—provide unheard of economy—and perfect food preservation.



Jewetts are lined with SOLID porcelain, 1½ inches thick. All other so-called "seamless," "one-piece" or "cleanable" porcelain linings are made of thin sheet metal coated with baked enamel. That's why Jewett Refrigerator Cabinets never dent, chip, peel, or rust out and why "they last a lifetime."



Cross section of Jewett walls—top, bottom and sides—twice as thick as ordinary refrigerators and insulated with pure sheet cork. That's why Jewetts lock the cold in and the heat out, and cost less than any other cabinet to operate.

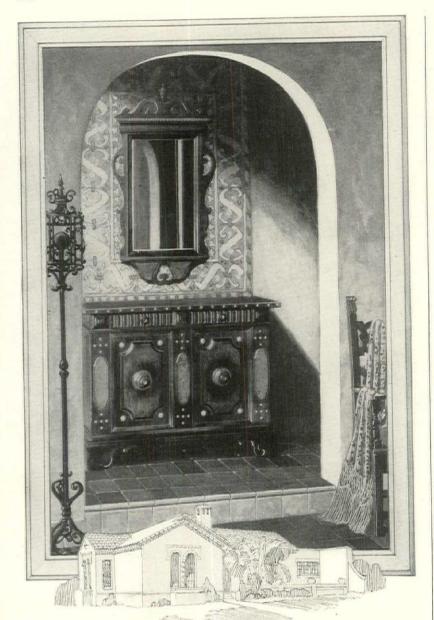
ELECTRIC refrigeration has placed new requirements on refrigerator cabinets. Low temperature alone is not sufficient—absolute sanitation and economical operating cost are now highly essential. Jewett Cabinets meet squarely all three of these requirements with features found only in the Jewett. Unequaled ability to maintain low temperatures more uniformly than any other

cabinet—unheard of economy in refrigeration bills—and prolonged life of refrigerating machinery are results you'll enjoy with a Jewett. And with a Jewett Cabinet you will have these advantages indefinitely. For Jewett's super construction and solid porcelain linings—found only in the Jewett—not only insure absolute sanitation and economical operation, but they defy wear.

The Jewett Co. does not make refrigerating machines, but specializes on cabinets that can be used with any of the present electric freezing units—sold exclusively through dealers handling such equipment.

THE JEWETT REFRIGERATOR COMPANY
123 Letchworth Street Established 1849 Buffalo, New York





The VOGUE IS SPANISH

The sunny spirit of Spain has captured our hearts and our imaginations. And Hastings, as usual, is leading the vogue with a host of charming dining groups and occasional pieces.

The console illustrated is dashingly trimmed

The console illustrated is dashingly trimmed with brass nails and colorful panels of contrasting burl. The mirror is a crowning touch.

Picture these pieces in your hall or living room—then ask to see them at your dealer's.

Hastings Table Company Hastings, Michigan Factory Sales Office and Display Keeler Bldg., Grand Rapids, Mich.

HASTINGS THE THE HILL and his associates HASTINGS FURNITURE THE MARK OF FRED E. HILL and his associates

LE JARDIN DE MON GRAND-PÈRE

(Continued from page 154)

degree and loved the military, regarded them with pleasure, for they held themselves very straight and in rows, staying exactly where he wished, quite contrary to some of our other floral vagabonds.

Towards 1862, I think, a friend returning from Mentone brought some bulbs of the Anemone fulgens; very bright scarlet flowers that were planted close to the foundation of the house in the brightest sun. They stood the climate for several years. How those roots of Anemones from the beautiful southland made our lively imaginations travel, even including my mother's, is unbelievable! The color, the shape, all was the subject of admiration and enthusiasm.

IN AFTER YEARS

Later when our mother had mourned both father and husband, she shut herself more and more within the limits of that little garden, and she changed its plans according to her idea of beauty. Delille has said that beside the garden itself there is something of the architect, something of the philosopher, of the painter and the poet, in each garden lover. Ours became that of the poet and the philosopher. We introduced there the plants of the fields and of the woods, the Lily-of-the-Valley, favorite flower of my father, that is planted on his grave to the exclusion of all others. It was under the shrubbery, a little of it everywhere. We brought in the superb queen of the woods, the Spirea aruncus. Some Ferns and Orchids, too, enlivened our woodland, for the trees had grown till there was much more shade than sun. We tramped through the woods and the mountains to find plants for the garden at the risk of being thought crazy by the neighbors.

We put in the holes of the walls a plant of Jupiter's Beard (Centranthus) and I tried to put in Saxifraga aizoon from the rocks of Covatannez. Grandfather's old garden was gone, and his collections of Dahlias and Tulips had seen their end. We transformed so thoroughly that little enclosure that we finished b having with us a little corner of Nature itself, rustic and picturesque. Upon the ruins of the straight borders they let me put a semblance of rock work, a thing unheard of then, and of which the great botanist Boissier had given the first instance among us. But the plants of bygone days were respected and cared for at the price of real effort, it is true. We even added to the collection and kept it up to the level of its condition at that time.

About 1867 the World's Exposition at Paris gave a new impulse to the culture of flowers and introduced among us beautiful plants by the hundreds. Not fortunate enough to be able to keep ourselves provided with the novelties, we would exchange with the neighbors some of Grandfather's plants for the new things. It was in this wise that we were able to enjoy those flowers which were as the life of our mother. Then as we had fared badly with the new things, there was joy in searching out some certain plant that was lost and now found again.

What good fortune it was when we found again the double Girarde with white flowers! We had thought never to see it again. And when we could put our hands on the delicate little hardy Forget-me-not which we had seen, a border through a grille! Was it not a source of delight? I shall re call all my days the pleasure we fel when a friend gave us a cutting of dwarf hardy Phlox that we had never seen (Phlox reptans) and when we discovered that in the Asparagus bed, changed by the farmer to whom it had been necessary to rent the property they had let grow again the famou double pink Bindweed which clung so closely to the stems of the Asparagus and which we had forgotten to take up and to transplant to that part of the garden that still remained to us The memory of that garden still haunts my imagination as of a beautiful picture seen long ago. Has not happened to you to remember strange impressions that have left in your mind confused glimpses of colors long since seen? The simple picture of Epinal of modest faces, colored seen in old shops-have they not lef you an impression of life and rich beauty which nothing since has been able to efface?

Mothers who bring up children remember that their childhood impressions will never pass away, and what you give them of artistic appre ciation will remain forever. In leading their minds and tastes to the love of Beauty and of Truth, in showing to them, as did our mother, the work of God in Nature, and in explaining to them the marvels of creation, you will bring happiness into their live and to their old age. They will bles your memory. My forebears have been workers and they have toiled on the land of French Switzerland. Thi they did with devotion to that One who is on high, the "Ce que leno" of the old Genevois of the Escalade.

AFTER THE SOWING

Here is what I found in the Journal of the Blue Cross which M. Emile Bonnard of Lausanne edited with so much ability: "God will do the rest". I was a little boy of eight or ten years, perhaps. All the morning I had gone with an old peasant at work, urging on the oxen, forward and back from the end of the field. In the afternoon my companion had sowed the seed of the beautiful golden grain, scattering it methodically with a slow and measured pace. Now the light was fading. I see yet that wrinkled face, those cal loused hands, that form, a little bent, that placid air, of old Jean. My task was to follow the plow and watch its good work. We had finished and turned with the spade the earth by the road. The peaceful oxen were ready for the return when I saw the old man take three steps on his field, take off his hat with a gesture full of respect, and I heard him say in a distinct tone, "We have sown; God will do the rest". He put his hat slowly back and we departed. Short as had been this scene, it had greatly impressed me and often throughout my life it returns to my mind.



Right-Center-piece, with Capri Peasant Plates of vari-ous sizes to match in fruit designs. Oval Ram's Head mantel Vase, decorated or solid colors.

Left—Treviso Flower Pot, practical, inex-pensive. Hole in bottom to drain. Green, yellow, blue.



Right-Capri Flower Pot, saucer at-ta c h e d., Three sizes, Solid colors and decor-ated. Below-Bowl of Tre-viso Peasan Pottety, in green, yel-low, blue, for bulbs, or cut flowers. 8", 12", 14", 16", 20".





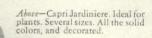
ARBONE ITALIAN IMPORTATIONS are found at most of the better shops throughout the country. If you wish the name of the dealer nearest you it will be supplied on request.

Fascinating illustrated booklet, "Uses of Crude Peasant Pottery and Wicker Furniture in Sun Rooms, Porches, etc.," sent on receipt of 10 cents in currency or stamps

350 CONGRESS ST. Cobour BOSTON, MASS.

To identify genuine Carbone Italian Wares, a label is placed on the bottom of each piece.

Displayed also at our Retail Store No. 342 Boylston St., Boston



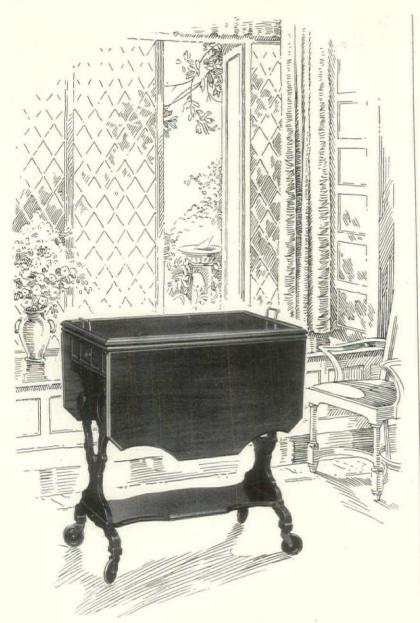
Left—Plain Capri Vase, with flar-ing top, practical for loose ar-rangement of cut flowers. In solid colors and decorated.

Below—Treviso Pitcher of crude peasant pottery, ideal for flower arrangement. Four sizes. Colors: brown-black, green, yellow, blue.



Italian Wrought Iron Table, with two
sets of tiles in Capri designs. Excellent
for coffee table or plant stand. Obtainable also in single size, with
only four tiles. The Vase is one
of our many Capri numbers.
On the floor is a Belgian
braided grass Rug, imported by Carbone, which is
especially suitable for
use with wicker furniture, on sun
porches, etc. Six
sizes. sizes.





The Furniture Shops Newest Tea Wagon

Especially suited to the atmosphere of high class homes. Yet as widely useful as the other Furniture Shops Tea Wagons of which you have read so often in recent months.

With this latest design (a Spanish motif), as with all others of the Furniture Shops advanced patterns, the center of gravity is where it should be, eliminating danger of overbalancing with heavy articles. It has 3-inch disc wheel casters, enabling free movement sideways and from room to room. Will go through a 30-inch door. No handles or high wheels to bother you. In short, it is not a fad, but an all year around home furnishment of multiple uses.

You can get them to match any recognized period of furniture design. Our booklet illustrates the motifs of historical period furniture and tells many unusual uses for Tea Wagons. Send for it.



CITP	AND	MAIL	THIS
	DIVI	LVIZALLI	ILLID

Please.	send	me	The	Furniture
Shops	Tea	W	agon	Booklet

Name	
Street	



WHY I'D CHOOSE LARKSPUR

(Continued from page 92)

ways begin-the soil. For lasting success with Larkspurs, the soil should be deeply cultivated and enriched. Two and a half feet deep are not too much. If the ground is soggy give the bed some drainage at the bottom. It may be possible to raise good Larkspurs the first year on poor soil, but you cannot depend on their bloom and growth after that. A generous quarter of well-rotted manure, a half of good top soil, and another quarter of leafmold make an ideal combination. Lime to sweeten the soil and galvanize the bacteria, and sheep manure or the slower-acting bone meal, will be added in top dressing.

PLANTS FROM SEED

The percentage of germination in Larkspur seed depends on its freshness. The fresher the seed the more seedlings you will get. Some Larkspurites soak their seed before planting to hasten germination, but Pve rarely done it.

Spring or fall does equally well for the final setting in a permanent place, with late September and the beginning of October for fall planting. The seed should be sown just after the first crop of flowers have set, which, in my Connecticut latitude is about the end of July. Some seeds are saved over till spring. The July sown plants are wintered over in a cold frame covered with slats and then set out the following spring. The spring sown plants will be big enough by October to set out.

After the first blooming the plants may be cut down, fed with manure water and nursed along for a second blooming. There have been some seasons when frost held off and I was able to squeeze in even a third blooming.

The amount of stalk to cut off after the first blooming has divided the Larkspurites into two schools-those who cut down to the crown and those who leave a foot or so of stalk. I belong to the latter, because I hold that the plant must breathe during its recuperation and the leaves on the remaining stalks are its lungs. After the new growth has appeared the old stalks can be cut out-cut off, not pulled out, for pulling lifts the roots of the new growth. There is still a third school which is opposed to any cutting back and forcing of the plant because in thus driving it to a second crop, you are apt to exhaust the plant. This I have found true. With me the second year from seed always gives the second bloom. If I want to grow a big permanent clump, then I do not cut back the plant. Otherwise I slash it down to about a foot. Many of the plants I have forced to a second blooming do not survive the winter. Well, what of it? Any good gardener is constantly raising new

If a special color is to be saved, the clump should be divided in the spring or cuttings can be rooted in sandy soil under shade. This is necessary because the Larkspur rarely comes true from seed.

Winter protection for Larkspur simple—sift coal ashes over to crowns to discourage the hungry slu of early spring, and then give to usual covering of leaves, pine bough manure or salt hay.

In the east the perennial Larksp is apt to suffer from a black blig the leaves get spotted, curl up a the whole plant is sickly, its bloo will be cripples, and it will eventual pass out. Burn that plant. But ta precautionary measures against disease in early spring. Dig Bordea around the roots and dust the lear with the same every two weeks duri spring. Or you can use the following spray with which to drench ground and cover the leaves-a pour of unslaked lime and a quarter pou of tobacco dust. Slake together half a gallon of boiling water. Th add two more gallons of water. T is the concentrated essence. In using put one part of the solution to parts water. Stir the soil and pe this around the roots every ten d until five applications have b made. Start with the first appe ance of the leaves.

WEATHER TROUBLES

In very damp weather I have h Larkspurs rot off at the base and so chewed off by cut worms. The lat can be poisoned and the former reedied by drainage. Also exceeding hot weather, such as that spell we h last June, will shoot the stalks up an unheard-of height. Such a grow is usually sappy and when the flow come the stalks are not able to suport them. A good wind will sn them off. We cannot help a hot spe but we can stake our Larkspurs so they resist anything this side of gale.

The kinds of Larkspurs to gr would require a large chapter to scribe. And we had first better in cate the undesirables. The yello the orange, D. nudicaule, are neglible in the border. They are really disappointment and can only be considered as curiosities in the East. T white type, D. moerheimei, is won having if you can get it really whi So many of the whites are reminisce of last week's wash before it w to the laundry. D. formosum is old-fashioned dark blue and D. bel donna is a loosely formed kind w slender spikes of flowers. D. chinen in white or blue, is a lower type, the front of the border and is v worth its place. In the taller ki there is a vast range of blues, maux and purples enough to satisfy the m exacting. And in the strains you ha a dozen or so to choose from-Hood River, Vanderbilt and ot Pacific coast strains which are all cellent; the Gold Medal hybrids; Blackmore & Langdon from Engla which are always dependable; Watkins Samuel strain that gives y a Hollyhock type and is a joy grow and to behold.

As for the annual larkspurs—w they are another story!



L. M. Pool, President, Jarine Bank & Trust Co., New Orleans

NKER Celotex houses are good ollateral. As a fuel saver one this material is super to anything we know sout. It is extremely conomical in the end."



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Area Developers

"We build only modern, comfortable, attractive homes. Celotex is being used either under plaster or as sheathing throughout our entire Highland Park building development."



ADVICE from the building authorities

The practice of building heat-leaking houses is soon to end. Read these facts before you THINK of putting any money into a house.



R. W. Brown, Vice-Pres., R. W. Brown, Inc., Belleville, N. J.

Belleville, N. J.

B U I L D E R

"Celotex keeps rooms
cool in summer and makes
them so easy to heat in
winter. Under plaster, it
provides a smooth, even
surface and savestime and
material."



R.A.Volk, Chief Engineer Maritz & Young, Inc., St. Louis

ARCHITECTS "We have used Celotex in a great many of our resi-dences. The owners are well pleased with its effec-tiveness as insulation against heat and cold and its sound-proofing."

Men who know, see a great change taking place a building practice. They are warning people gainst building with only ordinary materials. In erhaps less than five years, they say, such houses vill be out-of-date. That is because most houses re poor shelters. They leak heat.

n winter, ordinary houses have cold north rooms . . draughty hallways . . . chilly floors. Costly eat fairly flows through solid walls and roofs.

n summer, the sun beats right through them. Remember oven-like rooms, sleepless nights.

Walls may SEEM solid yet leak heat fast

Ordinary building materials do not effectively top heat. No matter how solidly your house is uilt, it can not be a modern shelter unless you se a heat-stopping material.

Celotex Insulating Lumber practically stops heat see chart below). It shuts out wind and moisure. It deadens sound.

Comfort never found in ordinary homes

Build with Celotex to make your home wintervarm, summer-cool . . . economical to heat . . . ree from draughts . . . quiet . . . strong.

Just as Celotex gives comfort and health protection never to be found in ordinary homes, so it offers advantages found in no other material.

Build a stronger house with Celotex. It is much stronger in wall sections than the wood lumber it replaces. It is the only effective insulation which provides this greater strength and is not an extra item in the building.

Great advantages at little or no extra cost

Celotex adds practically nothing to the cost of a house, because it replaces other building materials.

LOOK AHEAD!

Home builders, look ahead to bitter cold ... costly fuel . . . stifling heat . . . health protection...upkeep expense...the re-sale value of your home. Build with Celotex to stop heat-leaking...save fuel...obtain comfort . . . protect health . . . and add strength.

THE CELOTEX COMPANY, CHICAGO, ILL.

Mills: NEW ORLEANS, LA.

Branch Sales Offices in many principal cities

(See telephone books for addresses)

- 1) As sheathing, Celotex replaces wood, gives greater strength to the house walls and adds insulation. Celotex makes building paper unnecessary. It gives far better protection against wind and moisture.
- 2 On inside walls plaster is applied directly to the surface of Celotex. This eliminates the use of lath, and forms stronger, insulated walls.
- (3) Celotex eliminates the use of deadening felt. Sound does not pass through it readily.
- (4) Celotex does away with any extra insulation. It gives heat-stopping value, equal to the best.

New comfort for old homes

You can enjoy a big measure of Celotex comfort in the house you now live in. Simply line your attic and basement with Celotex. That helps a lot, costs little.

Ask your architect, contractor or lumber dealer to tell you more about Celotex. All lumber dealers can supply it. Leaders in these lines advise its use.

Free Building Book

The Celotex Building Book will interest you. It explains fully this great stride forward in building progress. Use this coupon for a free copy.

The Celotex Company, Dept. M-23 645 N. Michigan Ave., Chicago, Ill. Please send the Celotex Building Book. H.& G.

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Build for winter-warmth, summer-coolth

Ordinary building materials do not stop heat. Whereas Celotex does stop heat with an effectiveness three times that of wood, eight times that of plaster board, twelve times that of solid brick, and twenty-five times that of solid concrete.





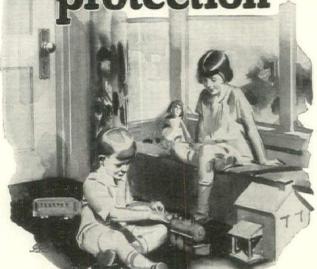






You Owe them

this great health protection



make their playground



Everywhere doctors are sounding the warning "guard against colds." Chamberlin Metal Weather Strips prevent one of the greatest causes of coldsthe treacherous draughts that blow in around the windows and under the doors of your home.

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By keeping expensively heated warm air in and cold draughts out Chamberlin Weather Strips insure an even, healthful temperature. Install them now, and begin your fuel saving immediately. Several months of the heating season are still before you. The dust and soot that depreciates your draperies the rain that seeps in to ruin your decorations, these, too, are effectively barred by Chamberlin.

Lifetime Guarantee

The Chamberlin Company installs your weather strips and guarantees results for the life of your building. Get the facts by mailing the coupon today.

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Beautified by Koll Lock-Joint Columns

Nothing emphasizes more clearly the difference in shelterhouses, pergolas, entrances and garden equipment than the columns employed.

Hartmann-Sanders products are given classic beauty and permanent stability by the use of architecturally correct Koll Lock-Joint Columns—the only columns with patented lock joints which cannot come apart.

Make sure of the beauty and permanence of your pergola, entrance or other feature by getting it from Hartmann-Sanders or by specifying Koll Lock-Joint Columns.

Send 30c for catalog P-47, filled with suggestions. Address Hartmann-Sanders Co., 2165 Elston Ave., Chicago, Ill. Eastern office and showroom, 6 E. 39th St., New York City.

We invite you to visit our exhibit at the International Flower Show, Grand Central Palace, New York, March 15th to 20th.

When you are in New York City, visit our enlarged permanent showrooms where a complete line of our products is on display.

HARTMANN-SANDERS

Pergolas Rose Arbors Colonial Entrances



Garden Equipment and Accessories





Quickly, without Stooping, Kneeling or even soiling your hands

HY go to the expense and trouble of refinishing your floors every year or two? It isn't necessary—if you use the Johnson Wax treatment. This takes only a few minutes—there is no hard work—no messy rags and pails. And afterwards your floors will require but half the care.

Waxed floors are beautiful and distinctive. They sparkle and gleam. They accentuate beauty in rugs and furnishings. But waxed floors are also practical. They are easy to care for and their upkeep is less than with any other finish. Then, waxed floors are convenient—your rooms aren't upset for days. Because you don't have to wait for WAX to dry—it hardens in five minutes.

Just try the Johnson Wax treatment! All you do is to spread on a thin coat of Johnson's Polishing Wax with a Lamb's wool Mop and the Electric Floor Polisher will quickly do the rest.

Johnson's Wax Electric Floor Polisher

This wonderful new machine polishes floors instantly and without effort. It actually runs itself—you just guide it. It gives a higher, evener and more beautiful polish than can be obtained by hand. It is simple! Light! Runs from any lamp socket. It polishes under davenports, buffets and other low pieces without moving them.

The price of the Johnson's Wax Electric Floor Polisher is \$42.50 (Canada \$48.50) and with each is given Free a \$1.50 Lamb's wool Mop and a pint of Liquid Wax. Your dealer can supply you or we will send one express prepaid.

You Can Rent It for \$2.00 a Day

At your neighborhood store you can rent a Johnson's Wax Electric Floor Polisher and in just a few hours beautify all your floors and linoleum. Telephone your nearest dealer and make an appointment to rent one for a day or two.

S.C. JOHNSON & SON "The Floor Finishing Authorities"
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JOHNSON'S LIQUID WAX



In this bathroom is a new Gold Seal Inlaid — Belflor Pattern No. 7151-5. Notice the square blocks, straight with the goods. In the bedroom the brown and tan of Belflor Pattern No. 2047-3 harmonize effectively with the furnishings.

Present-day vogue demands a colorful bathroom

Attractive, isn't it? As a result of its colorful blue and buff inlaid linoleum floor, there's more interest and charm in this bathroom than in a room of the conventional white.

Yet, rich as this Nairn Gold Seal Inlaid floor appears, it is inexpensive and easy to keep spotless. It's one of the new Belflor patterns, exclusive with Nairn. This novel inlaid linoleum offers a soft clouded effect that is wonderfully artistic. It comes in such appropriate color combinations that many women select it for the bedrooms, living room, dining room and sun porch.

Another type of Gold Seal Inlaids, just as appropriate for kitchen and bathroom, is Universal—trim patterns in solid colors that are superlatively cheerful and neat.

Gold Seal Inlaids are genuine straight line inlaid linoleum. They are made and guaranteed by Nairn—famous for nearly forty years for the quality and beauty of its products. When buying inlaid linoleum always look for the Gold Seal on the face of the goods or the Nairn name on the back.

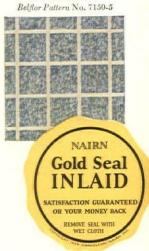
Congoleum-Nairn Inc.

Philadelphia New York Boston Chicago Kansas City Atlanta Minneapolis Cleveland Dallas Pittsburgh San Francisco New Orleans



Dutch Tile effects are always popular for the kitchen. This clean-cut blue, buff, and ivory design is Gold Seal Inlaid, Universal Pattern No. 51-150.

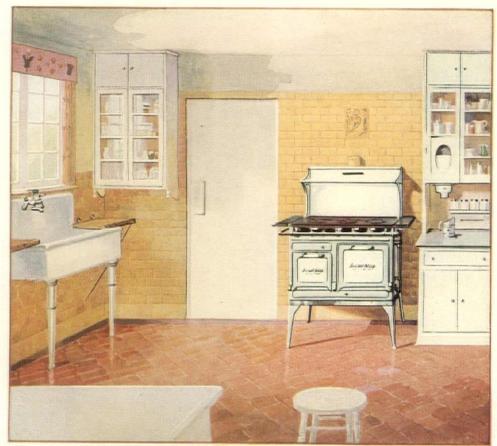
Our free booklet will give you suggestions for decorating your rooms. Write for it to-day. GOLD SEAL INLAID



Look for this Gold Seal when you buy!

NAIRN

GOLD SEAL INLAIDS



A New-Style Kitchen as Arranged by J. Floyd Yewell-Architect

WHAT IS HAPPENING TO THE KITCHEN?

ONE is the last relic of old-fash-Jionedness. Smartness and trimness have made their final conquest. In place of the clumsy, spreading cabinet range comes now the Smoothtop Gas Range. Its oven is no longer a box mounted on one end. Its legs are no longer gawky and spindling. Smoothtop has the lines of a console. Its top is flat, like a table. Its burners are enclosed. The one kitchen element which everyone considered hopeless suddenly emerges compact,

smart, modern Architects and decorators are now attacking the kitchen with new enthusiasm. Smoothtop, they find, gives the cooking area of a cabinet range and saves one-third the floorspace. It cuts off no light, and carries out room lines. So, they're developing new-style kitchens, marvels of convenience and space-saving 6 of these kitchens are pictured and laid out in the book couponed below. Wouldn't you like to study it?



There is only one Smoothtop, a Vulcan product. Fully pro-tected by patents in United States, Canada & Great Britain

STANDARD GAS EQUIPMENT CORPORATION—VULCAN DIVISION



An Entirely New Cookery Better—Easier

It revolutionizes cookery, too—this new Smoothtop Gas Range. Stews, soups, pot roasts are done by a new, savory simmering. Vegetables are finished with the new speed cooking; it retains all their precious mineral salts and vitamins. Entire meals kept hot till time to serve. All this with farless watching, less fussing, less cleaning.

Vulcan Burner



This Smoothtop cookery has really been created by the Super-Vulcan Burner. Note the aeration plate over the gas port-holes. This creates the hottest, steadiest gas flame known. Yet, no more gas is consumed.



4 Cooking Zones

Each burner heats 4 distinct cooking zones. Speed, Boiling, Simmering, Warming. All without regulating the gas-jer. You cook with a graduated hot-plate. It's wonderful.

Oven Heat Regulator



75% of all cooking is done top-stove. But Smoothtop's equipment is complete, even to the little control wheel which gives oven heat regulation.

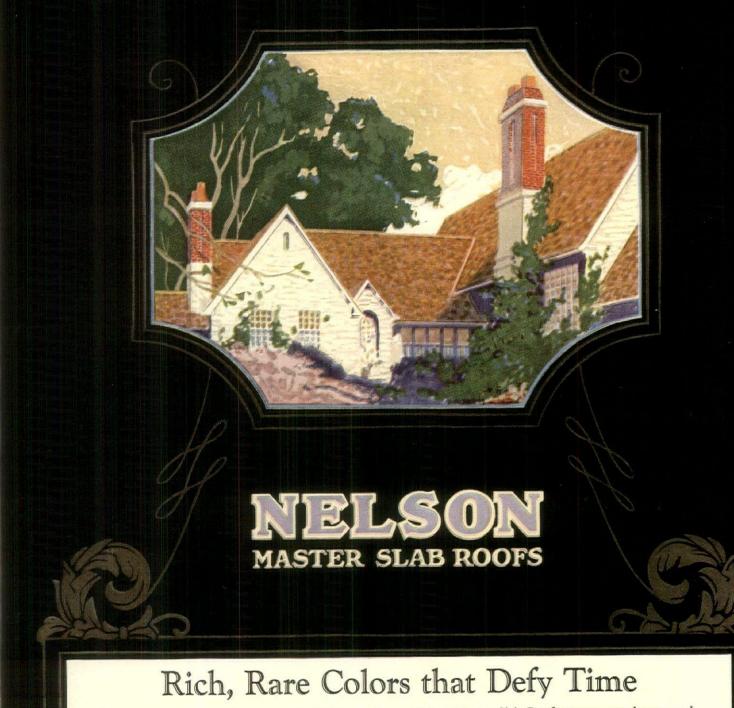
"How to Plan the New-Style Kitchen"

Contains beautiful full color illustrations of 6 new-style kitchens, as planned by 6 leading architects. Tells how to achieve the new kitchen smartness, how to improve spacing, placing and lighting. 10c in stamps.

"Smoothtop Cookery"

is a cook book with a new viewpoint. Solves meal planning and work planning. Shows how to do more cooking with less trouble; how to use "left-overs" and still have more delicious meals. Edited by Sarah Field Splint. 25c in stamps.

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Nature gave us sun, rain, snow. And Nature also provided wonderful colors that resist destructive action of these elements.

Sun can't fade a Nelson Master Slab Roof. Rain or snow can't wash the color away. Nothing can diminish the natural beauty of this crushed rock surface.

Seven soft, rich natural rock colors are available for your Master Slab Roof. A single color may be used, or a wide variety of blended effects may be obtained. Several pleasing color combinations have been arranged for you by one of America's leading architects. To be sure of obtaining exactly the color scheme you may choose, Nelson Master Slab shingles are blend-packed at the factory. Simply apply them as they come from the bundles.

Nelson Master Slab Roofs possess rare beauty and at the same time they are extremely practical. They always lie flat, never curl or flap. Two, three and four layers make them water-tight. And their crushed stone surface makes them fire-resistant. Permanent beauty and protection are built into every Master Slab Roof.

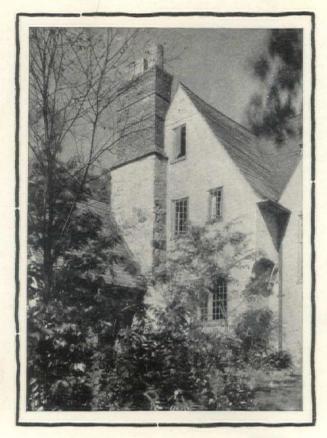
Send for Nelson Instruction Book

Write us today for name of dealer who can show you Nelson Roofs; also for the Nelson Instruction Book for home-builders containing an ingenious Color Finder that shows you how to select the right roof for any type of home. Send 25 cents in stamps and it will be mailed to you immediately.

THE B. F. NELSON MFG. COMPANY, DEPT. A Minneapolis, Minn.

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Residence

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THE development of our Casement Windows in the standard sizes generally found in small and medium-sized houses makes it possible for the homeplanner to specify International Steel Casements and leaded glass at a very moderate cost.

Steel Casement Windows not only add greatly to the artistic appearance of a house, inside and out, but with little or no cost of upkeep, last for generations.

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

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IN CANADA: ARCHITECTURAL BRONZE AND IRON WORKS, TORONTO, ONTARIO



Fine American Reproduction in the Style of 17th Century English

Simple ways to give your home that rich, livable "woody" atmosphere

N^O, it will not cost you much to sixth edition, "The Story of Amerisurround yourself with beautican Walnut." ful American Walnut in the manner of bygone periods of interior-decorative greatness.

Simply for the planning of it, Nature can play a refining influence in your lives. For American Walnut is Nature's rich gift to the charm and livableness of your home.

Just off the press, is this splendidly written booklet, "American Walnut for Interior Woodwork and Panelling," which shows you how every \$100 in panelling adds \$300 to the value of your room. It likewise contains specimen rooms and definite specifications, for attaining walnut beauty in the principal rooms of your home. It discusses woodwork finishes, costs and design in a way every present and prospective home owner should be informed.

And then, too, there awaits you that attractive treatise on good furniture that has already reached its

How rapidly thousands of new friends of walnut are learning the correct and happy use of this aristocratic though inexpensive wood. With its exquisite grainings and lustrous, tawny brown colorings, truly walnut is "a wood you love to live with."

The Free Offer

Just write us which you prefer-

BOOKLET NO. 1-Replete with practical suggestions for employing walnut in the home of moderate size. Ask for "American Walnut for Interior Woodwork and Panelling.

BOOKLET NO. 2 - Takes you down through the great historic periods of furniture. Ask for "The Story of American

"THIS IS THE AGE OF WALNUT"



AMERICAN WALNUT MANUFACTURERS' ASSOCIATION Room 947, 616 South Michigan Avenue Chicago, Illinois



This new CONNECTICUT switch and signal light with plate of genuine **BAKELITE** is a reminder to "turn off" the cellar light when you "turn in"

The pronounced originality and superior workmanship of CONNECTI-CUT-BAKELITE wiring devices have won the recognition of leading architects and engineers with the result that they are now "specified and used with pride" for many of the foremost building developments in the country.

They are made of 100% genuine Bakelite—and this doesn't mean "maybe".

The absence of all exposed metal parts makes Connecticut Wiring Devices of genuine Bakelite absolutely shock-proof (a positive protection to human life).

The rich brown color together with the smooth beveled edges and egg-shell finished surface, harmonize with the most exquisite decorations.

Note: Substitutes, lighter in weight or of inferior material are in evidence, but CONNECTICUT-BAKELITE wiring devices bear our trade-mark and are stamped "Genuine Bakelite" on the back—a definite indication of their quality.

Manufacturers of high grade wiring devices for 20 years

THE CONNECTICUT ELECTRIC MANUFACTURING COMPANY

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(Continued from page 71)

kinds of plants on their grounds than they list in their catalogs and these kinds are available to the visitor. On the whole, the diversity in outdoor plants is increasing.

When I speak of diversity I do not refer merely to new horticultural varieties of standard species or groups, as of Peonies, Roses, Dahlias, Irises, or to "novelties", but to species themselves; it is in diversity of species that the greatest variety lies, as well also as the keenest interest in discrimination, propagation, cultivation and experiment. It is a defect in our present teaching that we do not train the eye and the mind to critical identification of the kinds of plants, whether cultivated or wild; we thereby deprive the learner of one of the great resources not only in gardening but in the joyful art of living.

THE HORTICULTURAL INSTINCT

There are unfailing marks of a horticulturist—an abiding love of plants, reasonable skill in the growing of them, accurate identification of many kinds. So far as our present practices do not contribute to these ends, the practices cannot be really horticultural and their influence is to be challenged, however much they may add to the volume of trade. The horticultural instinct should be as extensive as the home-making instinct—they should go together.

There remains a vast number of people who cannot have real homes; to these any contact with plants is worth while and to be encouraged, even though not a single plant can be well grown on their premises. But even to these unfortunates there remains the priceless privilege of a clear knowledge of the identification-marks that distinguish the considerable array of plants they are likely to meet in the day's journey; for a nature-study aptitude is a vast contribution to gardening.

To the true horticulturist and gardener, the plant is a persisting delight at any time of the year and not alone when in its fullest ornament. The Lilac bush has a Lilac character in winter as well as in spring. The Barberry is a Barberry at any season. The Pinks are characteristic in their evergreen tufts even in the snows of midwinter. Shrubs have their yearly attributes. The first growths of spring are fascinating; the mature leafage of midsummer is satisfying; the leaf-fall of autumn is the crown of the year; the bare structures of winter are dignified and reassuring. To see the plant respond is the reward of the gardener. He likes to propagate it for the mere joy of the effort, for the expectation of the result.

There is another defect in our training of salesmen to know the plants they sell and to be able to increase the effective interest in them.

While diversity is increasing in

hardy and open-garden material, it decreasing in greenhouse subjects, a in this field I fear we face a real a deplorable loss. I am informed th private houses are increasing in nur ber, but they are used mostly as servi adjuncts for the growing of c flowers and bedding-plants, and pot-plants for the residence rather the as an integer of a home or estate or extension of the residence in whi real greenhouse and hothouse plan are reared for their own intere These old plants are all undoubted in existence somewhere in the country one here and another there, in priva places or perhaps in the odd corners old ranges, and there are still a fe commercial establishments that hand more or less of them; but one de not now expect to see the priva Palm house or the old collections Begonias, Selaginellas, Ferns, Nepe thes, Bromeliads, Heaths, Dracaer and Dieffenbachias, Anthuriums a Alocasias, and general "foliage plants The Palms illustrate the case we they are now grown more extensive than ever before but for decoration as in hotels and halls; they are scarce hothouse or greenhouse subjects in t former sense. The price of labor, co and general supplies, the dearth of a prenticed gardeners trained in differe departments of gardening, and growing habit of running away in winter, make the hothouse difficul the War made heavy inroads; yet the is no phase of gardening fraught wi such peculiar possibilities and none th more exactly displays the love plants. We need here a real reviv Great numbers of new plants wou soon be available to meet a renew interest in this noble branch of hort culture

EPOCHS AND BACKGROUND

Some of the tendencies in gardering may be social and imitative phromena. In one epoch it may be the water-garden, color-garden, perfum garden, rock-garden, or winter-garder. This is all well and to the good back of it lies the real feeling of the gardener. To develop this background demands a kind of instruction and training in which we are not yet preficient. We are not willing to give sufficient time and pains to such training.

All these enthusiasms constitute the lover of plants. On him depends the maintenance of the ideals. He is definitely beginning to find himself in the midst of the commercialism of the time. I would not discourage the commercialism, but I hope for more artistry in it. Diversity in plant material is to be encouraged. The permeter in the properties of horticulture as contribution to happiness rests broad with the amateur spirit; this spir should be quickened. In this directive lies the needful versatility in American gardening.



No. 7121 Bakelite Toggle Plate with No. 6276 Toggle Switch for controlling overhead lights



No. 6170 Convenience Outlet, with Signal

Pilot light operates by inserting plug cap in outlet. Eliminates possibility of "plug-ting-in" electric iron or other appliance, and forgetting to disconnect when called tway for some other duty.

List Price (complete).....\$3,00 each

Ask your architect or electrical dealer about CONNECTICUT - BAKE-LITE wiring devices











Give Your Baby This Spirally Woven Luxury

Rarely will you find such style, comfort, staunchness, and light weight in one baby carriage as in this lovely Lloyd. And the very weaving process which adds to its beauty and desirability, subtracts from its price.

The graceful bowl-shape body is spirally woven on the famous Lloyd Loom thirty times faster than possible by human hand. The fabric is smooth and flawless—a piece of woven perfection. And in every upright strand is a steel wire center, found in no other baby carriage, and giving the Lloyd its permanent shapeliness and rigidity. Here indeed are real beauty and service.

See the Lloyd models and latest color effects at your dealer's. Write us for his name. Sulkies and Strollers, too. To get the genuine, look for the name "Lloyd" on the seat.

The Lloyd Manufacturing Company (Heywood-Wakefield Co.), Menominee, Mich. Canadian Factory: Orillia, Ontario.

Jurniture

Baby Carriages

Let this Yale 44 Automatic Deadlatch guard your treasures

Alone at night. The sound of stealthy tampering at the door! But quiet confidence within — There's a Yale 44 Automatic on guard.

The moment the door is shut, a heavy square bolt of solid bronze is automatically thrown twice the usual distance into the strike and *deadlocked*. Proof against forget fulness within and violence from without.

The brass color finish makes it attractive in appearance. Stop at the first convenient hardware store—tonight; on your way home. Ask for the Yale 44 Automatic.

The Yale & Towne Manufacturing Company
Stamford, Conn., U. S. A. Canadian Branch at St. Catharines, Ont.



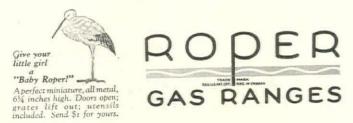
Complete Oven Control TRACE MAN X HOW THE TOZITI MOTHER HOW THE TOZITI MOTHER DOES HER COOKING C 1996, G. D. R. Cor.

Oven Control. It gives the woman precious hours in which to protect the happiness of her home by keeping herself attractive. Health-building, mind-building recreations are truly hers. She may literally be miles away while the Roper does her cooking. She need never give it a thought, because cooking results always are—always must be—ideal.

The Roper Complete Oven Control does not merely measure the heat—it also circulates it. Because of the Roper Ventilated Oven, the food is cooked in fresh, moist air, rich in oxygen. Thus the secret of Roper Oven Control is its Completeness—in operation, as well as in saving of food, of gas, and of the woman's time.

This one feature of the Roper would justify its ownership in every modern home, yet you will find many other advantages when you examine this preferred gas range. See the Roper, where better gas ranges are sold.

GEO. D. ROPER CORPORATION, Rockford, Illinois Pacific Coast Branch: 135 Bluxome Street. San Francisco, Cal.



VARNISHES AND ENAMELS

(Continued from page 88)

called enamels. This enamel or colored varnish becomes a coloring medium as well as a protective one.

If you have the right varnish you can protect things under extreme exposure to hot and cold water as well as those things which water does not touch. The drain board of the sink if not smooth and lovely can be sandpapered smooth and with a couple of coatings of the right varnish be a comfort and joy forever.

The appropriate varnish will keep tools and golf clubs from rusting with its protective and strong coat of elastic film. We have seen a coat of varnish stripped from its underpinning and forming a cup in which water was boiled without hurting the varnish! A friend of ours mended with varnish a tea pot which had broken in two, and used it for tea brews for two years, after which it was dropped and broke into too many bits to be mended again. This will give you an idea of what sticking and tensile strength a varnish coat means.

USES FOR VARNISHES AND ENAMELS

The commonest uses for these things are for floors, furniture and woodwork, but there are other places where they will beautify and protect. They can be used for: andirons, baby carriages, baskets, bed springs, brass, broom handles, cane chair seats, chairs, painted china, clothes hangers, dust pans, electric light fixtures, faucets fire screens. faucets, fire screens, floors, floorcovering, floral ornaments on furniture, etc., flower pots, furnace pipes, lamps, lamp shades, leather articles, mantelpieces, matting, metal, moldings, oil cloth, oil paintings, oil stoves, pianos, pictures, picture frames, pottery, radiators, screens, sewing machines, shelves, sideboards, stairs, toys, trays, trunks, vases, walls, waste baskets, window shades.

A waterproof varnish that will not mind repeated washings with hot or soapy water or will not fade or become dull is invaluable for all bathroom objects which need enduring rehabilitation.

In the kitchen, too, besides floors, furniture and woodwork, many household possessions can be preserved against wear and kept looking like new, such as screens, sinks, printed linoleum, labels on jars, copper utensils, boilers, wooden implements, tinware and nearly anything else. In the laundry, too, varnishes and enamels which will not turn white by the use of washing powders or hot or cold water are useful.

Used outdoors to defy snow, rain, ice and sun, varnishes and enamels will prove to be great friends. They will preserve and beautify pumps, roofs, window sills, mail boxes, number plates, flower boxes, flower pots, flag poles, storm doors, swings and other obvious garden and outdoor possessions.

There are so many other uses for sportsmen, children and housewives that it would take a book to record them. However, here are a few more uses to which you can add by experi-

ment and imagination: Airplane music rolls, tree surgery, skiis, skate snow shoes, suit cases, golf club hockey sticks, plumbing, rubber boots some varnishes will mend broke glass or china, waterproof garde chairs and so on ad infinitum.

Automobiles, too, are necessaril coated with fine varnish and boa need varnish which salt water, oi gasoline, fog, snow and rain will no turn white.

WHAT TO AVOID

Now, all things of value have il from which even flesh is not exemp And here might be listed some vanish and enamel maladies which can of course be circumvented. Primari these difficulties are due briefly the use of poor materials, to us skilled or careless application, to us foreseen and unpreventable conditions of weather or atmosphere are to a general careless attitude.

We must mention specifically of important malady attacking varnis and that is whitening. Most varnish when exposed to moisture will whiten get the sort that does not. Temp rary whitening is a physical rath than chemical reaction and comback to original color. Permane whitening surface often is due chemical reaction and when this ocurs the life of the varnish is ender

This whitening of varnish has bee a real bother. It is joyous to have coat of varnish on the dresser th alcohol and water cannot hurt. is a relief, too, to have non-whitenin varnish on the piano, for then if vase of flowers happens to spill you varnish will not hold the souven of error. We have on our dresser coat of varnish, and when we sperfume it makes no record.

When selecting varnish and ename first consider the use for which yo want them. Then consider careful the maker and his reputation. A ches varnish or enamel is a poor one, for they must be of the best ingredien mixed with the greatest care.

The only way to tell if you hat a resistant varnish is to buy from the best or test a few kinds by covering the same sort of surfaces under sirilar conditions and by asking you friends about varnish luck.

Enamels come in standard color but these may be blended to produce every conceivable color and togeth with the varnish body and the color become beautifying to everything which they are adapted. From the glassy to the dull mat finish, enameled surface can charm the earn besides protect the surface of which it is spread. But rememble to the color which is stream.

Before ending it might be well explain what lacquers are in order prevent confusion. These are high transparent varnishes for meta. They produce a slight lustrous fil and, by excluding gases and vapo preserve the luster. In some cases the are finished by heating and in other are simply dryed by contact with the air.



Your Plumbing Store has something new to show you



ABOVE is the Hays Mova Combination Sink Fixture described in the next column. Note Safety Strainer on end of spout.



THIS is the Haysco Automatic Stop and Waste. A turn of the wheel on the Haysco Automatic shuts off the incoming water and drains the lines at the same time, avoiding all possibility of freezing.



HAYS Mova Laundry Tray Fixture has large waterway and generous mixing chamber so that laundry tray is filled more rapidly than with the ordinary fixture. An attractive soap dish is extra equipment that makes a complete laundry tray convenience.

Modern plumbing equipment has been redesigned and improved. Beauty, architectural harmony, real usefulness and convenience all

have been added.

Upstairs and downstairs a modern note has been sounded and plumbing stores are now showing the new designs and new conveniences.

All these added values cost no more than ordinary good plumbing fixtures. And it is the finest kind of economy to buy good fixtures in any case.

Your plumbing store, like your drug or hardware store, carries cheaper fixtures for less discerning trade, but would rather sell the better grade fixtures because they last many times longer and give infinitely greater satisfaction during all of their long life.

many times longer and give infinitely greater satisfaction during all of their long life.

An example of the new ideas in plumbing equipment is the new Hays Combination sink fixture (illustrated in the left hand column). Instead of two spouts, one for cold and one for hot water, there is one spout and by manipulating the convenient side handle levers the water runs in one stream at just the temperature you desire.

And the spout is much higher than the ordinary; dishes are moved about with extraordinary freedom. And the spout is equipped with a neat, durable Safety Strainer. Instead of gushing forth with a Niagara Falls roar the water flows evenly and quietly and there is no dripping when faucet is closed.

Many other plumbing fixtures are included in the Hays line and can be seen at most any plumbing store. Drop in at a plumbing store the next time you are down town and enjoy looking at the new things on display in the attractive show rooms.

All Hays products are sold through the plumbing jobber to the plumbing store. Be sure the name Hays appears on your fixtures.

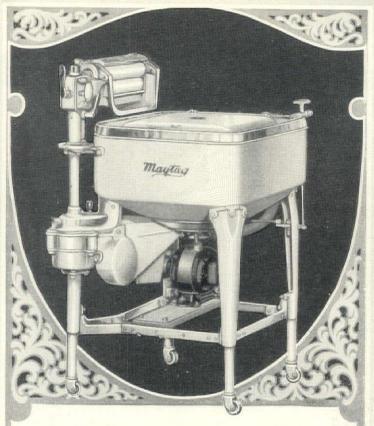
New Styles Illustrated

We have just issued an attractive folder in colors which illustrates and describes the new Hays plumbing equipment. Send for it and if you are acquainted with a local plumbing store we will be glad to have the name.

The Hays Manufacturing Co.
Twelfth and Liberty Sts. Erie, Pa.

HAYSCO PRODUCTS

MORE THAN FIFTY YEARS OF DEPENDABILITY



If it Doesn't Sell Itself don't Keep it

A MAYTAG is placed in your home to do a washing. There is no obligation except to wash with it, to give it the hardest test that you know.

See for yourself whether it will wash collars, cuff-edges and wristbands, without hand-rubbing.

See whether it will wash a tub of clothes in 3 to 7 minutes—greasy overalls in 10 minutes.

See whether it will wash chiffons, georgettes, all the delicate underthings, as gently as by hand.

See whether the wringer, which swings into 7 positions, will adjust itself automatically to a handkerchief or a blanket, and wring both dry.

See whether the gyrafoam principle is really so much faster.

Wash with the Maytag and let it prove to you its nine outstanding advantages. And, remember, if it doesn't sell itself to you, don't keep it.

F. L. MAYTAG, Founder
THE MAYTAG CO., Newton, Iowa





The people of Mars may have discovered how to make a better trunk than an Oshkosh. But they have not told anyone on earth about it yet.

An attractive booklet describing Oshkosh Trunks will be sent you on request-to 450 High Street, Oshkosh, Wisconsin.

THE OSHKOSH TRUNK COMPANY
Oshkosh, Wisconsin, and New York City

OSHKOSH TRUNKS



SHRUBS FOR TEN REGIONS

(Continued from page 101)

—Goldenbells; Kalmia latifolia— Mountain Laurel; Kolkwitzia amabilis —Beauty-bush; Lilacs; Magnolia stellata—Star Magnolia; Spiraea henryi —Henry Spirea; Rosa hugonis— Hugonis Rose.

REGION OF EASTERN NEW YORK
AND PENNSYLVANIA

Azaleas, American and Asiatic, deciduous; Cotoneaster hupehensis—
Hupeh Cotoneaster; Cydonia japonica—Flowering Quince; Forsythia intermedia spectabilis—Goldenbells; Kolkwitzia amabilis—Beauty-bush; Lilacs; Lonicera korolkowi—Blueleaf Honeysuckle; Magnolia stellata—Star Magnolia; Philadelphus lemoine hybrids—Lemoine Mockorange; Prunus triloba—Flowering Plum; Rosa hugonis—Hugonis Rose; Viburnum carlesi—Clove Viburnum.

REGION OF CHICAGO TO MINNE-APOLIS AND ST. LOUIS

Berberis thunbergi—Japanese Barberry; Caragana arborescens and varieties—Siberian Pea-tree; Exochorda wilsoni—Wilson Pearlbush; Forsythia ovata—Korean Goldenbells; Hydrangea paniculata praecox—Early Panicle Hydrangea; Lilacs; Lonicera morrowi and L. tatarica—Bush Honeysuckles; Malus sargenti—Sargent Crab; Prunus tomentosa—Nanking Cherry; Rosa spinosissima altaica—Altai Rose; Spiraea trichocarpa—Korean Spirea; Viburnum americanum—American Cranberry bush.

REGION OF WASHINGTON, D. C.

Azaleas, Kurume; Ceanothus hybridus—Ceanothus; Cistus ladaniferus—Gum Rockrose; Cytisus multiflorus—White Spanish Broom; Deutzias in variety; Forsythia intermedia spectabilis—Goldenbells; Hydrangea macrophylla—House Hydrangea; Magnolia parviflora—Oyama Magnolia; Philadelphus microphyllus—Littleleaf Mockorange; Prunus triloba—Flowering Plum; Pyracantha coccinea—Scarlet Firethorn; Viburnum fragrans—Fragrant Viburnum.

REGION OF CHARLESTON, S. CAROLINA

Azaleas, Indian and Kurume; Camellia japonica—Common Camellia; Daphne odora—Winter Daphne; Eucryphia pinnatifida—Chilean Rose; Jasminum primulinum—Primrose Jasmine; Lonicera nitida—Box Honeysuckle; Magnolia liliflora—Lily Magnolia; Meratia praecox—Wintersweet; Osmanthus delavayi—Delavay Osmanthus; Pieris japonica—Japanese Andro-

meda; Rhododendrons; Viburnum tinus—Laurustinus.

REGION OF NEW ORLEANS

Abutilon megapotamicum—Brazilian Abutilon; Callistemon speciosus—Showy Bottlebrush; Choisya ternata—Mexican-orange; Citrus japonica—Kumquat; Daphne odora—Winter Daphne; Jasminum primulinum—Primrose Jasmine; Myrtus communis—True Myrtle; Olearia haasti—Daisytree; Osmanthus delavayi—Delavay Osmanthus; Pieris formosa—Himalayan Andromeda; Pittosporum tobira—Tobira; Viburnum tinus—Laurustinus.

PACIFIC COAST REGION OF LOS ANGELES

Buddleia asiatica—White Butter-flybush; Caesalpinia gilliesi; Callistemon coccineus—Scarlet Bottlebrush; Crinodendron hookeri—Crimson Lilytree; Cytisus canariensis—Canary Broom; Desfontainea spinosa—Flaming-bells; Erica melanthera—Blackeyed Heath; Jasminum primulinum—Primrose Jasmine; Lagerstroemia indica—Crapemyrtle; Leptospermum scoparium nicholli—Red Tea-tree; Pyracantha crenulata and varieties—Nepal Firethorn; Tibouchina semidecandra—Brazilian Glorybush.

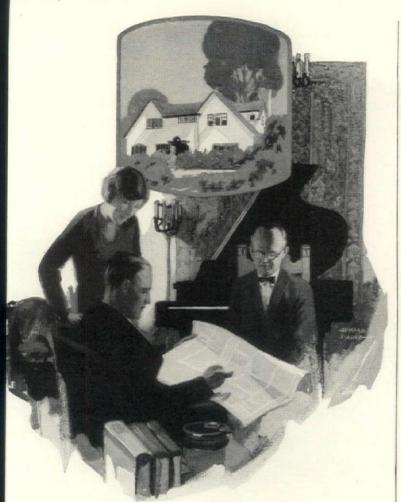
Pacific Coast Region of San Francisco

Azaleas, Kurume; Ceanothus azureus
—Azure Ceanothus; Cotoneaster pannosa—Silverleaf Cotoneaster; Erica
lusitanica—Iberian Heath; Escallonia
macrantha—Escallonia; Eucryphia
pinnatifida—Chilean Rose; Gaya lyalli—Ribbon-wood; Jasminum primulinum—Primrose Jasmine; Lonicera
nitida—Box Honeysuckle; Eugenia
apiculata—Shortleaf Eugenia; Olearia
haasti—Daisytree; Raphiolepis umbellata—Yeddo-hawthorn.

PACIFIC COAST, PORTLAND, OREGON, TO VANCOUVER

Azaleas and Rhododendrons; Berberis stenophylla—Rosemary Barberry; Cotoneaster salicifolia—Willowleaf Cotoneaster; Cytisus scoparius andreanus—Paradise Broom; Enkianthus; campanulatus—Redvein Enkianthus; Forsythia intermedia spectabilis—Goldenbells; Fuchsia magellanica and varieties—Magellan Fuchsia; Hydrangea macrophylla—House Hydrangea; Osmanthus delavayi—Delavay Osmanthus; Pyracantha coccinea lalandei—Laland Firethorn; Viburnum tinus—Laurustinus, Zenobia pulverulenta—Dusty Zenobia.





The Economical Home

CONSIDER it alone from the standpoint of cost. Forget everything except cold dollars and cents. And—

You'll build your new home of Natco Hollow Tile. It's the most economical

material you can buy.

Not merely in Maintenance—in First Cost. The initial cost of a house of Permanent, Fire-Safe Natco Tile is *very* little more, if any, than a house of wood. And the cost of Upkeep: Well—

Hollow Tile doesn't rot or crumble: It doesn't need painting: It can't burn: Depreciation, Repairs, and Insurance are amazingly low—How can you draw a fair

comparison?



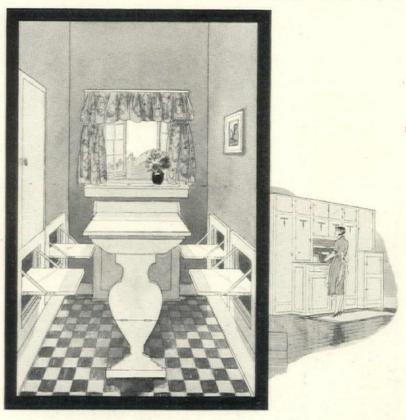
Write for "Natco Homes"—our new book. It's interesting, helpful and free.

National Fire Proofing Company

1128 Fulton Building + Pittsburgh, Pa.

NATCO
HOLLOW BUILDING TILE

KITCHEN MAID



An "extra room" that takes no extra space

Whether you have a special alcove or not you can give your kitchen the delightful convenience of the Pulmanook. It brings you a breakfast room when you want it—yet leaves the space free during the day. Both table and chairs fold easily and quickly out of the way.

The Pulmanook is only one of the Kitchen Maid Standard Kitchen Unit combinations. You can have one or any number of units in your home—they bring beauty and comfort to any kitchen. Each unit is built by master craftsmen—each is complete in itself and finished in appearance. Use them singly or grouped—as you please.

Kitchen Maid Units, with all their beauty and convenience, cost no more than old-fashioned cupboards. Mail the coupon for catalogue and full information about these time and labor-saving units.

WASMUTH-ENDICOTT COMPANY Andrews, Indiana



Write us—we shall be glad to help you solve your particular kitchen planning problems.

WASMUTH - ENDICOTT, CO., 1203 Snowden Street, Andrews, Indiana If in Canada, Address Branch Office, Waterloo, Ontario

Please send me information regarding the units checked

- ☐ Pulmanook, consisting of table and 4 seats folding into wall. For alcove ☐; for any kitchen corner ☐.
 ☐ Combination 210.X, with
- refrigerator, consisting of cabinet, broom closet, dish closet and linen cupboards to set against wall.

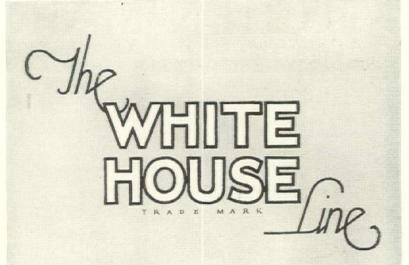
 In-a-wall Ironing Board, folding into wall when not in use.
- ☐ Broom Closet to set in any kitchen ☐; to be built into wall ☐.
- ☐ Dish Closets, Linen Cupboards, to be set in ☐ to be built in ☐.
- ☐ In-a-wall Telephone Seat.
- ☐ In-a-wall Telephone Seat.
 ☐ Kitchen Maid Kitchen Cabinet.
- Divider Cupboards, to be used to separate breakfast room from kitchen.

☐ Refrigerator.

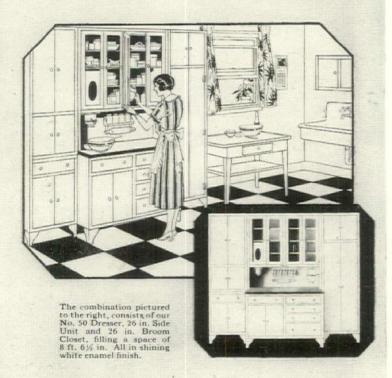
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MADE OF STEEL



"It's a Pleasure to work in a kitchen like this?"

A kitchen that's modern—efficient and sanitary—bright, cheerful and clean—means better meals and greater happiness for the one who prepares the food.

You can make your own kitchen thoroughly delightful and practical by equipping it with WHITE HOUSE Units. They are made entirely of steel and provide the durability, sanitation and efficiency the modern home demands. You can fill any space—simply by combining units. No hardware, glazing or painting necessary.

Regulation kitchen dressers, broom closets, sink units, cupboards, tables and storage units ready for immediate shipment. Units for larger kitchens and pantries furnished according to blueprints submitted. Send today for catalogs and photographs.

JANES & KIRTLAND, Inc.

Established 1840

133 West 44th Street

New York City

Egnard Gleanable REFRIGERATOR

"Like a Clean China Dish"

The refrigera here shown All Porcelain, side and outs

Women who sing at their work

THE New Leonard Cleanable in the kitchen is a help to god cheer in the home. Solving the problem of safe food, it is a agent of happiness and health. As the housewife's efficient servar it saves its cost in unwasted food, helps in ways of thrift; make work easier; adds hours of rest and enjoyment.

This is Leonard's greatest triumph, embodying the best ideas gaine through 44 years of leadership in home refrigeration.

One reason for the New Leonard's extra efficiency is its thick Corpressed Corkboard insulation, sealed with wool felt. No heat capass these barriers.

The glistening porcelain food chamber, with its cold dry circulating air, provid perfect storage for foods; preserves their purity and fine flavor; keeps them fre and wholesome. Left-overs can be used to the last delicious morsel.

The food chamber walls are of porcelain, baked on steel. Feel the rounded corners. Porcelain extends clear around the door frame; cleaning is easy. Copper waste pipe and trap; air-tight doors with magic hair-trigger locks. Equipped with outside icing door and cup coil water cooler, if desired.

When renting an apartment, be sure it is equipped with a Leonard Cleanable.

Notice—The identifying mark the word "Cleanable"—applies to our porcelain-lined refrigerators only. We also make a white enamellined refrigerator under the name of "Leonard Polar King." The Leonard Cleanable is unexcelle for Ice and Electrical refrigeration. A size and style for every purse. Mardealers sell on the Partial Payme Plan. A small down payment will p one of these excellent refrigerators your home. See the Leonard deale If you cannot find him, write us and will see that you are supplied.

Just say "Send Catalog"

and our illustrated catalog of mar styles and sizes of refrigerators will I mailed you immediately, together wi sample of porcelain and Mr. Leonard booklet on "Selection and Care Refrigerators."

Grand Rapids Refrigerator Company, 1103 Clyde Ave., Grand Rapids, Mic

Be sure the refrigerator you buy is made in Grand Rapids, the fine furniture center of the world.



C.H.LEONARD pioneer of home refrigeration, who has been responsible for many modern refrig-

eratorimprovements



Walls insulated with Compressed Corkboard 1½ inches thick, sealed with wool felt; equal in insulating value to a 24-inch brick wall

One out of every refrigerators soll is made by Leonar

Over Two Millie in Use

★ Approved by Go Housekeeping Instit



Lwing-room in BOOTH TARKINGTON'S Home, Rennebunkport, Maine Frederick Wallick, Architect

This is What Kelsey Gives YOU

If you want your house warm and cozy when the temperature is down to zero; if you want every room filled with pure health-giving, humidified air; if you want the smallest coal bills you ever had—then you need a Kelsey Warm Air Generator.

Space does not permit a detailed description, but you will find it all in our booklet "Kelsey Achievements" which will give you invaluable information on health and heating. You will readily see why and how the scientific construction of the Kelsey Warm Air Generator gives such remarkable results.

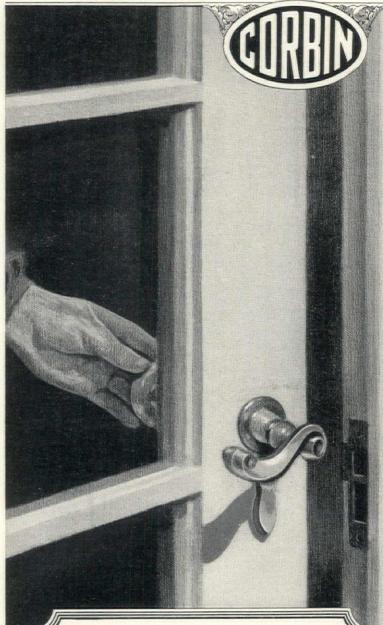


Sales Offices: Boston and New York Brockville, Canada Dealers: Principal Cities





Good Buildings Deserve Good Hardware



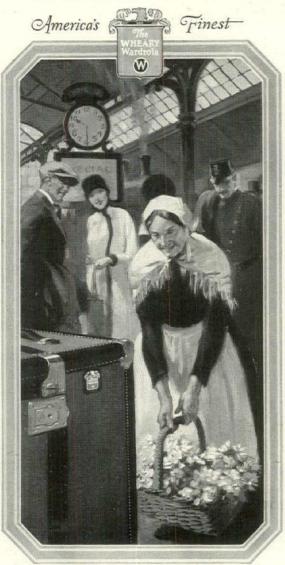
If buildings are built to live in—their hardware should be good to live with

IF you ran your fingers over this graceful Corbin Lever Handle—felt the sturdiness of its finely finished brass—saw its beauty on your own French Doors—how quickly you would say: Corbin Hardware is Good Hardware.

And so it is—good to look upon—good to live with. That is why we say—Good Buildings deserve Good Hardware—Corbin whenever you build—whatever you build.

P. & F. CORBIN SINCE NEW BRITAIN
The American Hardware Copporation, Successor
New York
Philadelphia

. . . The creations of George Wheary, America's Master Trunk Designer, command world-wide appreciation



Today, the Wheary Wardrola stands apart; it is the only trunk with cushioned top and solid base, built to roll open; it is the only trunk that gives you all of the travel conveniences created by George Wheary. Beauty and distinction of appearance are combined with "rigid-tested" strength; cumbersome weight is eliminated to give greater carrying capacity. Even itsmethod of locking is distinctive. No well-informed traveler will buy a trunk today without first inspecting the Wheary Wardrola, in those distinguished stores and shops where the foremost merchandise is displayed.

WHEARY TRUNK COMPANY, Racine, Wis.

WHEARY Cushioned Top

WARDROLLA



The Trunk that Rolls Open

LILACS OLD AND NEW

(Continued from page 73)

as serious in Lilacs as in any other plants, because if one stem is lost, others will come up, and if the gardener will keep his plants bushy from the ground, with five or six or more main stems, he need have little to fear from this pest. It is well to remember, however, that Lilacs, like many other trees and shrubs, are subject to scale insects, and to be on the lookout for these and give a winter treatment with a good dormant spray.

USING LILACS

The uses for Lilacs in home planting are innumerable. Those who know New England know how popular they are in front of old farmhouses, either right at the front door or at the gate to the road. Old towns like Salem, Marblehead and Nantucket are full of this type of planting, and no shrub seems to fit better into this old Colonial architecture. They can be used for foundation planting with other types of houses, however, with equal success. and in suburban places fit in very well with the informal mass shrubbery so popular at the present time. They can be seen in the suburbs of Boston, Philadelphia, New York or other cities, planted with popular spring shrubs like the Forsythias, Spireas, Deutzias, Viburnums, Rose species, Barberries, Privets and other shrubs. Any of these shrubs are useful in suburban planting, but none of them can equal the Lilac in the burst of bloom. For screen planting and hedges they are again useful, and can be clipped almost as stiffly as Privet; but for such uses the common Lilac should be used, and not any of the varieties. In the garden picture they will fit in almost everywhere where specimen shrubs are wanted and can be combined beautifully with some of the mauve or heliotrope shaded Tulips, of which the variety Erguste may be taken as a type, as well as with Intermediate Irises like Diamond.

While the common Lilac has been so popular in this country for hundreds of years, it seems strange that the named varieties are so little known, for they are really not new at all, although passing for such in our catalogs. It is apparently not known when the first named forms of Syringa vulgaris were introduced, but varieties like Charles X, Marlyensis and Rubra insignis were listed in European nursery catalogs before 1840. Apparently the first double form on record was raised by the nurseryman Libert-Daminont in Liege, Belgium, in 1843. This variety, while of no importance as a garden bloom, a fact which is also true of most of the older varieties, is important to us as the form that was used by the great Lemoine when he began his Lilac work in 1870, and it was by using this as a seed parent crossed with Syringa oblata that he obtained the first varieties that he put into commerce. It is reported that, his eyesight not being good enough for the fine work on these small flowers, it was Mme. Lemoine who made these first crosses for him, standing on a stepladder in that old garden in Nancy from which have come nearly all of

our finest modern varieties. There were perhaps thirty or forty varieties in general commerce when Lemoine began his work. Hardly any of these today remain important, and the varieties that we should choose for our garden are for the most part those of Lemoine, with the addition of a few from Spaeth, Baltet, Morel, Dunbar, and a few other breeders.

To Spaeth we owe that fine deep purple variety, Ludwig Spaeth, or, a it was originally christened, Andenker au Ludwig Spaeth. To Baltet we owe one of the best of the blue varieties Bleuatre, and one pink, Lucie Baltet Morel gave us what is probably the largest flower of all Lilacs, Mme Francisque Morel, a variety introduced by Lemoine in 1898, but one which is still practically unknown in American gardens. It seems strange that such a fine thing should have remained hidden under a bushel so long, and I hope this article will induce gardeners to shout so loud for it that nurserymen will be compelled to propagate it Stepman de Messmaker of Brussel originated the popular Leon Mathieu and Mme. Florent Stepman.

Of late years we have heard much of the seedlings of John Dunbar, Superintendent of the Rochester Parks. Most of his varieties are too new to be well known, but President Lincoln is a very fine one in the general blue tones that has already become popular.

I mention these few breeders to show that, while all the work on Lilacs has not been done by Lemoine, as some people think, yet he has done more than all the rest put together, as will be seen from the notes on the following varieties, all of which were produced by him unless otherwise noted.

AS TO TYPES

Before going into these varieties in too much detail, let us consider, in general, the types into which they fall. First, we can divide them by color and then into single and double varieties. In my general grouping I have followed the color classification outlined some years ago by Mr. H. H. Blossom in Landscape Architecture. Beginning with white, there are many fine single varieties on the market, any one of which is so far superior to the old common white Lilac that the older variety is not worth growing. I wish to emphasize this strongly, because, in my opinion, the old purple type is decidedly worth growing and always will be, alongside of the best of the newer ones. My own favorites of single white Lilacs are Mont Blanc (Lemoine 1915) and Vestale (Lemoine 1910). For double whites I would choose Jeanne d'Arc (Lemoine 1902) and Miss Willmott (Lemoine 1903).

Violet is an unusual color in Lilacs and the choice of varieties here is much more restricted. Two of the best singles are Cavour (Lemoine 1910) and De Miribel (Lemoine 1903). In single blue Bleuatre (Baltet before 1900) is probably the bluest of all but Decaisne (Lemoine 1910) and Ronsard (Lemoine 1912) are better flowers. For a double blue

(Continued on page 172)

FRENCH Hand Made Furniture

ITS true heirloom quality reflects the skill of old time cabinet makers to faithfully reproduce the masterpieces of historic periods. Its price is well within reach of the average home.

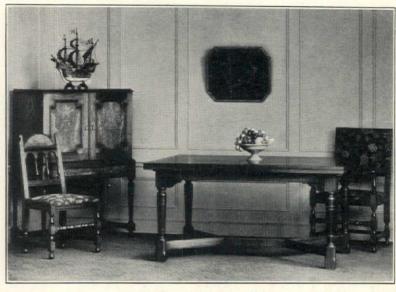
If your dealer does not handle French Furniture, write us. We will see that you are satisfactorily served.



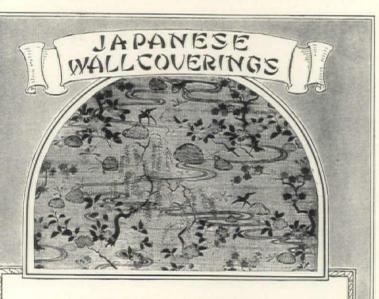
Branded underneath every piece, this mark is a guarantee of quality

WM. A. FRENCH & CO.

Interior Decorators 90 Eighth St. So. Makers of Fine Furniture MINNEAPOLIS, MINN.



DUNHAM SUITE. Appealing to every connoisseur of fine furniture, the Dunham Suite combines all the best features of a later Jacobean style with the use of wonderfully grained panels of Hungarian burl ash walnut. Excess ornamentation has been purposely restrained to bring out the beautiful quality of wood panels. Draw tables came into voque during the middle of the sixteenth century, the lower leaves drawing out for extension and artfully concealed under a flat top



A stencilled Grasscloth from the Tokugawa period which might be called a Symphony of Spring.

Colored by hand on softly tinted woven fibre a gold background like the sun shining through trees in blossom—slow winding streams and flying birds, it is typically Japanese in its wonderful spacing and balance of line.

We have many other beautiful designs in plain and stencilled

GRASSCLUTH

Samples on request

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KAPOCK
Silky Sunfast Fabrics

GIVE KAPOCK repeated washings or drape at your sunniest windows and its color and lustre will remain as new. That has been found true of KAPOCK for the last 13 years—every yard being fully guaranteed to give satisfaction. And that is what you get in KAPOCK that you cannot get in cheaper imitations. KAPOCK will always save you money in the end—and it saves you the inconvenience of replacements. See KAPOCK at your dealer's or write us direct.



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This kind of floor

shows off your furnishings to advantage

Care in selecting the proper grade of oak flooring repays its cost to the owner many times

PERSPECTIVE is the basis of attractive interiors. Prodigal use of lustrous expanses of oak flooring, enhances the beauty of your furnishings, your walls, pictures and hangings.

Oak floors accentuate the good taste displayed in your pieces. Even furniture of moderate cost is displayed to the best advantage when well set off by open spaces of beautiful oak floors.

Oak is oak; but the selection of certain figures in oak, the finish of the surface and perfect matching is what determines beauty in a laid oak floor.

"Perfection" Brand Oak Flooring is the cream of the stock. It is carefully made from specially chosen lumber from oak logs grown where the rarest patterns are obtainable.

You can easily recognize a floor laid with "Perfection" oak flooring. The surface has a velvety lustre. The boards are so perfectly joined that you see only a change in pattern. The older it is, the more its beauty appeals to the eye.

Only the best lumber dealers carry "Perfection". We will be pleased to give you the address of the one nearest you. A copy of "The Overlooked Beauty Spots in Your Home" will be sent you with our compliments.



ARKANSAS OAK FLOORING CO.

Pine Bluff, Ark.



BRAND OAK FLOORING

LILACS OLD

(Continued from page 170)

choose Emile Gentil (Lemoine 1916).

In bluish lilac, however, there are so many varieties that choice is difficult. Gilbert (Lemoine 1911) is perhaps the best. My favorite in the doubles is President Grevy (Lemoine 1886) but most Lilac growers prefer President Viger (Lemoine 1900) and Rene Jarry Desloges (Lemoine 1905). In the color of the common Lilac the choice is even more difficult. It would be easier to recommend forty varieties than to confine myself to merely four. In singles I recommend first, last and all the time the old familiar type, Syringa vulgaris, and I care not at all when the experts look at me and raise their eyebrows when this is mentioned. In doubles President Poincairé (Lemoine 1913) is the largest and most popular, but I personally prefer Hippolyte Maringer (Lemoine 1909) and Jean Mace (Lemoine 1915) to it.

Pinkish lilac is a color both charming and unusual. Two of the best singles, Louvaeniensis and Macrostachya, date back before 1860 and 1844 and are of unknown origin. In doubles it is hard to choose between Belle de Nancy (Lemoine 1891), Mme. Buchner (Lemoine 1909) and President Fallieres (Lemoine 1911). In the magenta lilac group, the single Mme, F. Morel (Morel before 1898) has already been mentioned. While it opens quite dark it gradually fades almost to the color of the common Lilac. Congo (Lemoine 1897) does this also but Marceau (Lemoine 1913) holds its color better in doubles. Georges Bellair (Lemoine 1900) and Paul Thirion (Lemoine 1915) are desirable.

In the single deep purples I some of the most beautiful of Lilacs and the list to choose from a very large one. Three of the fi are unfortunately weak growers do not recommend Danton, Pa and Vasuve except to those willin give them extra care. The more ca gardener should be content with wig Spaeth, Monge and Volcan.

From the varieties above note lections may be made for a gr small or large. For the smallest den the list, of course, will have cut severely while for large cys can be extended indefinitely. B no have tried to pick out varie ort every type little is to be gai wa extending the collection too he J for the student and collecto oliag than for the real gardener. T will, of course, see progre diperange of color and in the ler of the season by the develo carly and late varieties. B Lilac is propagated slowly amflo be patient in waiting for the Bish ties and content to pay high atter than we do for most of our pstan shrubs which grow quickly fe qua tings. American nurserymen doing their part to overcome age of good Lilacs that nume suffered since Quarantine 37 Nort effect. I hope the amateur ga buying liberally of good var lant refusing to buy unknown s encourage these nurserymen better and better Lilacs in la larger quantities so that plants ich own roots and at reasonable e ture will be available in the futu

NEW COLORS IN ROSE GARD

(Continued from page 75)

CHRISTINE: Deepest golden yellow, small- but a profuse bloomer.
GOLDEN EMBLEM: Yellow cad-

mium with carmine shadings.

Los Angeles: Salmon shaded apricot, excellent form. An American rose which is one of the world's leaders.

WM. F. DREER: Deep golden yellow, shaded old rose.

INDEPENDENCE DAY: Sunflower gold, copper shadings.

SUNSTAR: Orange yellow, edged with crimson, a very decorative Rose. THE QUEEN ALEXANDRA: Intense

vermilion with backs of petals gold. Of late years the Hybrid Teas, independently of the Pernetiana strain, have shown great progress and many new favorites have found a place. Several certainly must be mentioned and for personal preference a start will be made with Betty Uprichard.

BETTY UPRICHARD: A satisfying Rose, large, sturdy, a good bloomer with fascinating color, form, foliage and stems. The petals are a delicate salmon on the inner face while the reverse is a glowing carmine. Everyone who has seen this has been loud in its praises. When asked "What was the favorite Rose of the garden last year?" the answer was "Betty Uprichard."

MRS. HENRY MORSE: Silv to cerise pink. One of the v pink Roses, ideal in form and

EMMA WRIGHT: Pure orang nox attractive and a good bloomer, lo i ers are small but very decorations

MME. BUTTERFLY: Light ph shaded gold at base, perfectly of with excellent form Ophelia parentage.

REV. F. PAGE-ROBERTS: Cint vellow, splendid in form, colorn and fragrance.

GOLDEN OPHELIA: Yellow, of petals cream. An excellent of Ophelia.

GORGEOUS: Orange yellow, fl d copper flowers, large and fulles coloring its name indicates.

HENRIETTA: Orange crimson, & 1 beautiful and satisfactory Ros p every respect.

There must be room in the go se for the single Hybrid Teas, that Irish family. Irish Elegance leader of them all and one of the decorative Roses we have, with long, thin bud of vermilion, gol ri pink and its five petals openin fascinatingly. Irish Fireflame much stronger coloring and Beauty is probably the purest v

(Continued on page 196)



Dean's

WEEK-END BOXES

FOR OUT-OF-TOWN RESIDENTS

THE earliest chirp of the robin, the first delicate lacing of green—and social activities shift their center to out-of-town life. Then, more than ever, the hostess needs a Dean's Week-End Box for guests expected and unexpected. Delicious varieties of Dean's Cakes specially packed—\$3,\$4,\$5 and \$8. Postage prepaid anywhere east of the Mississippi.

Send for Week-End Box Booklet.

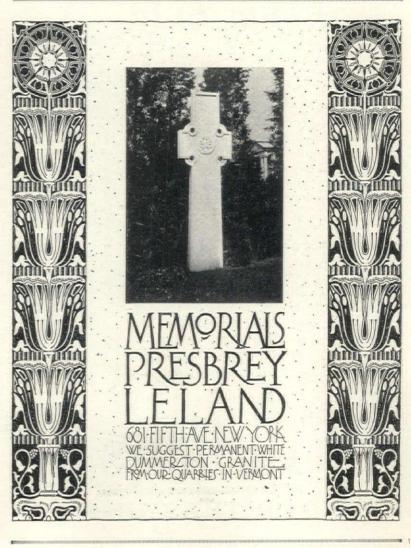
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ESTABLISHED 87 YEARS









4 out of 5 wait too long

As you mingle with crowds remember that four persons out of every five who pass the age of forty may contract dread pyorrhea either through carelessness or ignorance.

If used regularly and used in time Forhan's will prevent pyorrhea or check its progress. Ask your dentist about Forhan's for the gums. He will undoubtedly recommend it as your regular dentifrice. It contains a percentage of Forhan's Pyorrhea Liquid which has been used by dentists for the last 15 years in the treatment of pyorrhea.

Forhan's cleanses the teeth and at the same time protects you against pyorrhea which claims four people out of every five.

You can't afford to gamble with your health and happiness. Don't wait for pyorrhea's symptoms. Stop at your druggist's for a tube of Forhan's and start playing safe today! All druggists, 35c and 6oc in tubes.

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FOR

THE GUMS

BRUSH YOUR TEETH

FORMULA (

Red Forham DDS

Specialist in SEASES OF THE MOUTH

AL PROFESS

RHAN CO. IN

MORE THAN A TOOTH PASTE . . IT CHECKS PYORRHEA

AN OPEN DOOR FOR NEW PLAN

(Continued from page 77)

credit where space is limited. It is very charming grown in masses.

Nor do we often find in gardens · Iris foliosa, a southern species which, however, is perfectly hardy as far north as Boston. The illustration shows its habit of growth but can convey no idea of the beauty of the large blossoms. It is the bluest of all Irises and makes a splendid show when planted in groups in deep, rich soil. Many Irises are grown in gardens nowadays, but these two fine and amiable species are unaccountably neglected.

A plant which relinquishes the oozy comforts of the marsh for the dryer conditions of the garden without seeming to repine American Globe flower, Trollius laxus. My plants came from a swashy meadow which in early April is completely covered with the wide creamy "Buttercups," Curiously enough the plants grow a little taller under cultivation, even in quite dry places, than in their home marshes. Here it thrives both in the rock garden and along the edge of a border where the soil is deep and black. Its early blossoming and pale color make it a good companion for the Gentian-hued Lungwort, Pulmonaria angustifolia

A most lovely and desirable plant common in many parts of the East in rocky open woodland and on rugged slopes is the Peatpink, Silene pennsylvanica. Its growth is low and tufted, with narrow leaves and round blossoms varying from pale to very deep pink in different localities. It is an ideal rock plant, looking most at home in crevices between stones, but it likes a soil devoid of lime. This is one of the plants that is rapidly disappearing in many sections of the country and any who can gather seeds and so increase its numbers, or give sanctuary to plants endangered by building operations, will be doing a real service to mankind.

THE CHEERY BLUETS

I have said that none of my suggested dozen plants is at all subject to caprices. But perhaps we must make an exception of the engaging Bluets, or Quaker Ladies, Houstonia coerulea. These it would seem are sometimes a bit contrary-minded, for they frequently evince a determination to grow where they please regardless of your plans and wishes. Although you may select what seems a most salubrious situation for them, after a year or two the quaint dears will be found in close conclave on the very last spot you would have dreamed of offering them. It is probable that they prefer an acid tang in the soil and set out by means of their widely strewn seeds to find it. Bluets are not, of course, plants for the borders. They may be naturalized charmingly in thin grass in open places, or in light woods, or grown in the rock garden in little beds of sand and peat.

I am going to include jaunty Jackin-the-pulpit in this trial dozen because almost no one deliberately in-

vites him into the garden. But matter of fact where there is a corner requiring decoration, the soil is deep and rich, few will accomplish it with more style than Jack. Seen in grou ten or a dozen or more the in-the-pulpit, or Arisaema triph as it is botanically designated, decorative value that many a chety exotic might well envy. only is the carriage of the plan of dignity, but the strange, flower is a thing of real beaut the gay scarlet fruit a gift be scorned when days grow si woodland flowers few. It accident that we discovered, fine setting is provided for t in-the-pulpit by the ferny f Corydalis lutea.

The Bishopscap, Mitella is another woodland plant be said to possess a distinct s though a less showy plant beautiful relative the Fo Tiarella cordifolia, the little cap wherever seen attracts by reason of its graceful, u

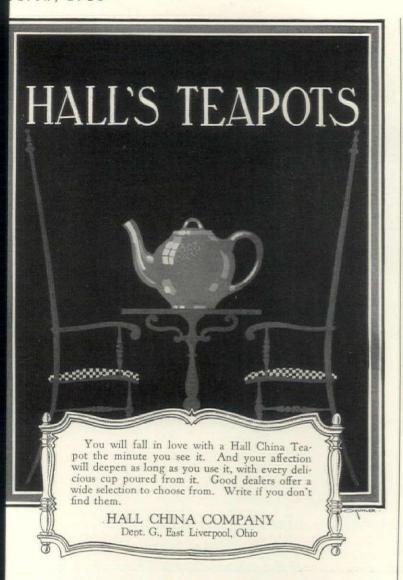
GALIUM AND ALLIUM

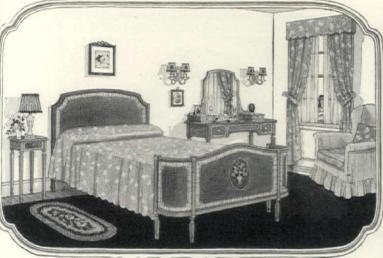
Though close kin to quite outrageous weeds, the Bedstraw, Galium boreale, is and desirable perennial blooms in early summer and fluffy inflorescence has much pearance of the Stevia so my by florists for lightening th of heavier blooms. In na range is wide, taking in a la tion of this country, East and and it is found also in Euro Asia. It grows in rocky soil along streams or lake shores, falls happily into garden wa pearing well in the rougher of the rock garden, on sunny or at the front of borders.

Allium is a race associated minds of many of us with, weeds alone. But this is to injustice, for among the Oni many real beauties. The one graphed is A. cernuum, one most attractive that has thus far under my eye. Its home of through the Alleghany Mo and west, but it takes to gard with zest, any soil, any situation exposure seeming to satisfy it. so many of its family it bloor summer. The nodding cluster pinky-lilac blossoms are carristiff stems about eighteen inch that arise from among narrow liage. Large clumps are quickly for from small beginnings and the self-sows so freely as to enable a short time to make effective to it along paths or in waste place

Many beautiful plants have t their way into my garden from Far West during the past ten or years. Among these the Pentstemons stand out as far most beautiful and interesting. one wishing to specialize for a t in a single flower family could do better than to set out to kr

(Continued on page 178)





The new Dolly Madison Reversible Brocade Spread No. 6156

...a new brocade—reversible!

ERE is another Dolly Madison spread—a multi-color brocade that is made in a range of beautiful color combinations—an exquisite creation. It is a reversible fabric with change of colors on the two sides. Practical and durable as are all Dolly Madison Bed Spreads—fast colors. Other styles—satin, taffeta, brocade damask and crinkle spread—are made in a profusion of designs and colors. Always look for the Dolly Madison Label. No spread is genuine without it.

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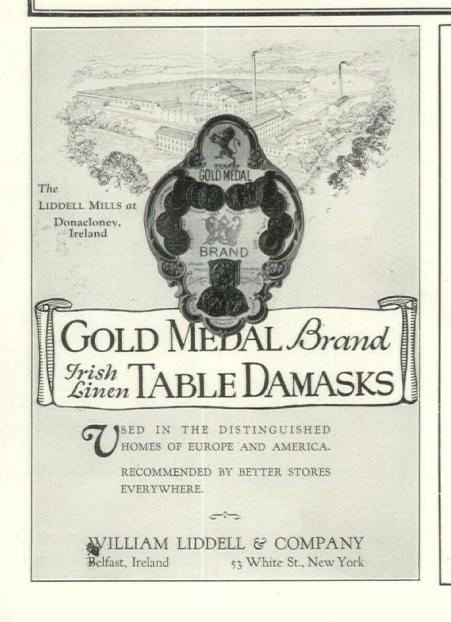
In selected pieces or a complete service, there can be no more cherished possession for a bride than this artistic design, which will harmonize with the decorations of any period.

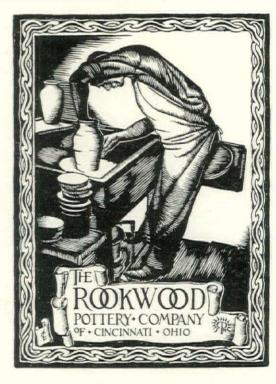
Minton's, long renowned in English pottery, has graced the tables of the finest homes for many generations. From calcined ox-bone comes the delicate body and also the durability for which it is famous.

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This home on the Hadley Estate at Englewood, N. J., was built by the L. George Horowitz Co., of Passaic, N. J. Arch't. B. Halsted Shepard, East Orange, used WEATHERBEST Thatch Stained Shingles on roof in the WEATHERBEST Weathered Straw colors consisting of three shades representative of fairly new straw with an occasional touch of dull red and brownish green. WEATHERBEST Stained Shingles were also used on the sidewalls.

Old houses can be made modern and doubly attractive by laying WEATHER-BEST Stained Shingles right over the old siding at little more than it would cost to repaint. Send for free book, "Making Old Houses into Charming Homes".

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THRU the ages the most notable work of the great architects has emphasized the importance of roof lines and roof materials. But only in recent years has there been much thought given the roof of residences and small houses except to make it durably protective.

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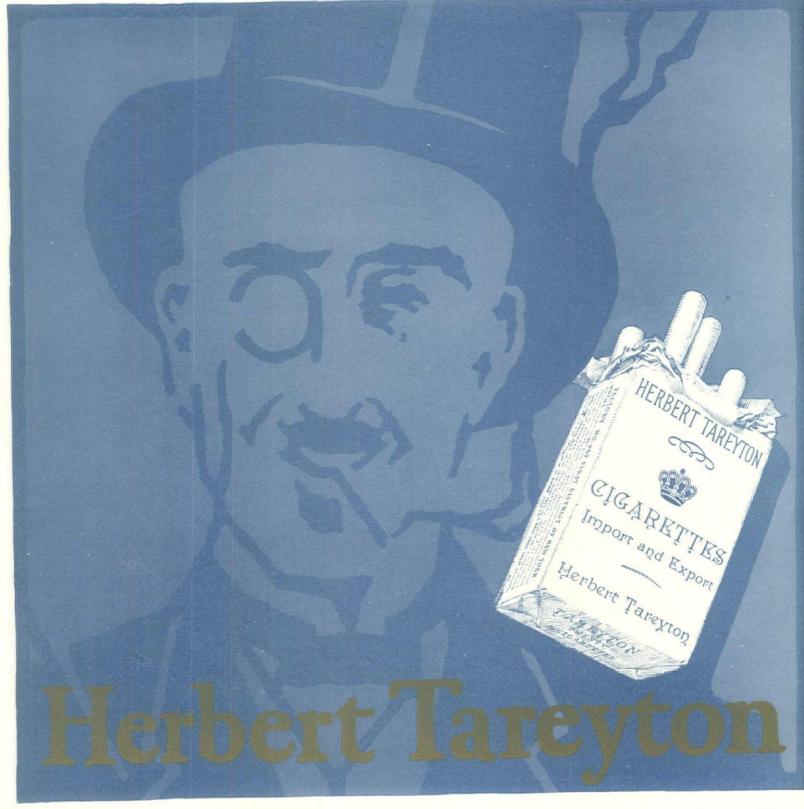
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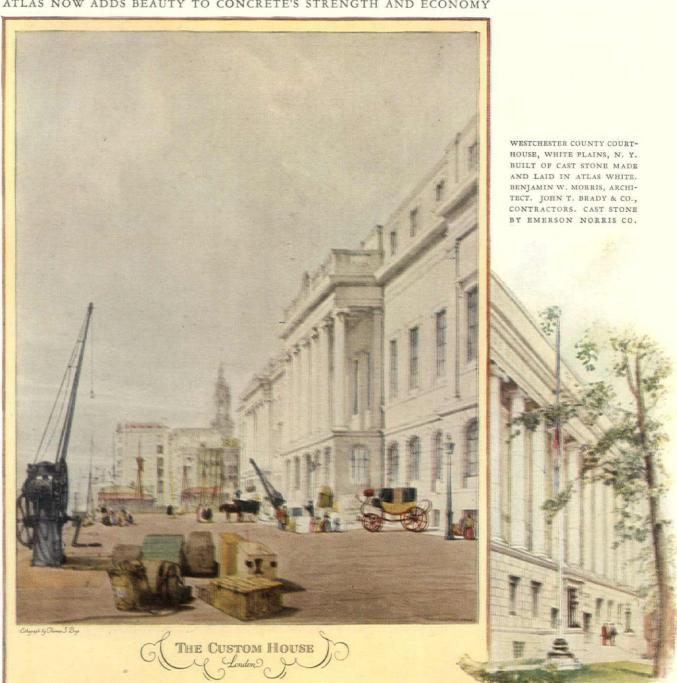
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All the dignity and grace that mark London's storied Custom House, beloved of painters and etchers, could be reproduced line for line in concrete made with Atlas. Just as the Westchester County Courthouse at White Plains, New York, conceived in the same restrained and classic style, was built of individual concrete units made and laid with Atlas White.

Concrete became the cheapest as well as the most enduring material when Atlas developed the first rotary kiln, thus standardizing quality and reducing costs. Atlas White, an equally important contribution, puts architectural beauty within the reach of every community, every home builder. These and other pioneer achievements have made Atlas the most practical and versatile of building materials, and the "standard by which all other makes are measured."

Between the Atlas plants and the user, there is but one distributor—the building material dealer—who brings Atlas to the public cheaper than by any other method. Any architect, contractor or prospective builder is invited to write to this Company regarding the possibilities of concrete made with Atlas Portland Cement. Address all inquiries to 25 Broadway, New York.

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When summer comes and Nature clothes herself in the brightest of colors, gay stripes fit themselves into the mood. For porch upholsteries—where they can bring brightness into shady corners; for indoor slip-covers—where their clean crispness can give refreshing coolness to the room; and even for awnings and Venetian porch shades—where the sunshine can intensify their laughing brilliance.

For all these uses, and more too, this new product of the Lancaster Mills, firmly

woven, long-wearing Lancaster Slip Cover Cloth is splendid. This material is absolutely fastcolor and is covered by the following guarantee:

If any Amory Browne Fabric should fade we will refund not only the full cost of the fabric itself, but also the cost of labor and trimmings.

Besidesthe Lancaster Slip Cover

Cloth there is a wide range of upholstery and drapery materials sold with the same absolute color guarantee given above: Indian Head Period Prints, Toile de Jouy, Spanish Shawl, and bird and floral designs; Wauregan Chintzes, glazed and unglazed, in conventionalized or naturalistic flower effects; Gilbrae Shadowray, a semi-transparent Rayon in two-tone iridescent effects; and Gilbrae Damasks, Brocades and Roman Stripes, including Jacquard effects.

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The TIP of the FINGER—The TURN of a WRIST The TOUCH of a TOE

That's the sum total of your labor when you wash and dry the Savage Vringerless Way.

A finger touch on a single switch controls every operation.

The turn of a wrist is all that's necessary to adjust the washer from washing to rinsing and drying position.

A touch of the toe and the Ejector Pump empties the tank in a jiffy.

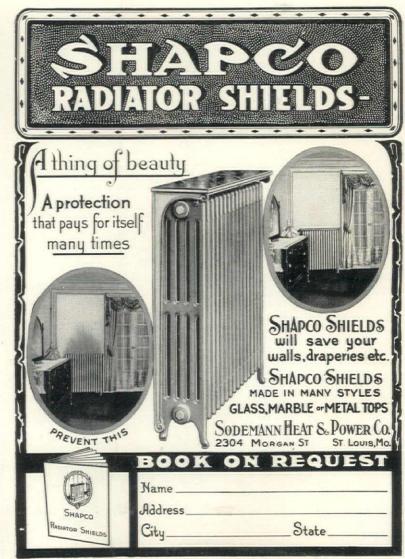
The Savage is Simplicity itself! And what a saving in time and labor! All "hand rinse", all stooping, straining, lifting of soaked garments, and all feeding a wringer done away with forever!

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Tsn't it wonderful to be getting ahead in the world!"

THAT'S what pretty Mrs. Williams thought. Wonderful to have Jim Williams making such splendid prog-ress in business. Fascinating to see the happy change in their social life.

With important new friends to entertain, she realized that if Jim's business success were to be made the most of, their social progress must keep up with it. In a few years they would build a new house, but until then she must make their present home as attractive as possible.

Mrs. Williams was an adept at this. Simple as it was, people began to consider her home quite charm-'Guests notice things so,' Mrs. Williams told Jim, "and they appreciate the little refinements. wish we had a better looking bath-room. I see such wonderful ones in other women's homes; all white tile and white fixtures, like 'palaces of cleanliness.' I don't think it would pay to have ours made all over now; we'll build soon. But I wish I could find an easy, inexpensive way to make it look better. It's my greatest problem.

"You'll solve it," Jim told her. And as a matter of fact, she did. In the simplest possible way. Simply by replacing the old dark-colored toilet seat with a handsome, modern, all-white "Church" Toilet Seat.

The improvement which this made in the appearance of the bath-room was quite astonishing. Its beauty and refinement are qualities which every woman wants in her bathroom—a room she can be proud to have guests use. And its price makes it a bathroom luxury everyone can afford.

The "Church" Seat stays permanently white. Its handsome ivorylike surface won't crack, splinter, chip, wear off or stain. It washes as easily as porcelain. You can install it yourself on any toilet in a few minutes. Obtainable at any plumber's.

Are you satisfied with your bathroom?

Ir you have sometimes wished that your bathroom looked a little more attractive and up-to-date, send for a free copy of our attractively-illus-



trated little book of sixteen pages, which tells how one woman dis-covered how to make her bathroom a room she would be proud to have guests use. It will help you. To secure it promptly, use the coupon below. We will mail it free and without obligation to you. C. F. Church Mfg. Co., Dept. A9, Holyoke, Mass.



LOOK FOR THIS NAME ON UNDER-SIDE OF SEAT

C. F. CHURCH MFG. CO., Dept. A9, Holyoke, Mass. With no obligation on my part, please send a free copy of your book, "An Easy Way to Make a Bathroom More Attractive," together with sample of sant-white sheathing.	f
Name	



AN OPEN DOOR FOR NEW PLANT

(Continued from page 174)

something of the entrancing Pentstemons that adorn the hills and plains of our West Country. At the present time I have here more than twenty species on trial of which I hope later to give news. In the mean time the one illustrated has occupied a place in the garden for about four years and has proved a reliable and hardy perennial. The flowers are of a most lovely clouded blue in color, much like that of the Grape Hyacinth. The plant forms a good clump, the whole growing about eighteen inches tall. This species, whose name is a little in doubt though it is cataloged in at least one plant-list as Pentstemon ovatus douglasi, comes from Mt. Hood, in Oregon. It likes partial shade and a good sandy, loamy soil, and like most of its tribe requires to be thoroughly top-dressed at least once a year with a mixture of sand and soil. I can recommend this plant very strongly to all who love blue

A gay wanderer along mountain streamsides of Dakota, Montana, Utah, Idaho, Colorado and New Mexico is the quaint long-nosed little Sunflower illustrated. For so blithe and unassuming a tramp it carries a grandiloquent name, Helianthella quinquenervis. But Mr. Andrews, in his catalog of Rocky Mountain flowers, calls it Sunwort, which makes us feel more at home with it. In any case, if it has not already found its way into your garden it is quite worth inviting in. It is an attractive plant with its nicely cut dusty leaves, and the gay yellow blossoms with their long dark cones are fine for cutting or for open air decoration. It grows easily in well-drained soil in any sunny corner or along the fringes of woodland, and self-sows modestly when happily established.

Last spring I received from a fellow enthusiast in Texas a small box of plants with an accompanying note saying, "Grow these and let me know what you think of this sample of our Texas wild flowers." They all, he informed me, grow on stony hillsid in full sun, so I converted a portion of my rock garden into a semblan of such a situation and called it Texa There the plants were set out. Amor them was a small slip of a thing, to slender stems with a few thinni leaves; altogether less promising appearance than any of the other But it had a sounding title, Euston russelliana! Soon after Texas w added to my United States I w away for six weeks. Upon my retu I was amazed to find that Euston had shot skywards to a height nearly two feet and was prepari to bloom. From toward the top the stem, now grown adequate stout, extended upwards numero slender stems each finished with long, curiously twisted green bu Very soon these began to unfold a presently were transformed into ve large blue-purple cups, the interior of which were exquisitely decorate

It continued to evolve these love blossoms from mid-August until aft several hard frosts, the single pla appearing at a little distance like torch of blue flame. Moreover ripened quantities of seed and ma a good growth of new shoots at t base from which to start operation in the spring. This is the handsom and most spectacular plant that I come into my garden for many a da and I believe that when known will enjoy a wide popularity.

Eustoma is a relative of the Ge tians but I should say has few their reserves and caprices. Mr. Bri well, who sent it to me, said that t best soil for it is a rich limey san with plenty of water during the grow ing season. It will stand full st or partial shade.

That I have no photograph of th beauty is a matter for regret, but hope many who read this article w see it in the flesh before the year out. It should be planted in spring, rather than in the fall

SOME ANNUALS EASY TO GROV

(Continued from page 110)

look the old-fashioned varieties of this excellent flower in the positive thrill you will get from a first experience with some of the modern giant frilled forms.

Annual Phlox. For lovely, true pastel shades of entrancing softness, give me this notable member of the ever-desirable Phlox family. Especially fine are Daybreak Pink, Chamois Rose and Isabellina.

Verbena. There is an endearing cheerfulness about the Verbena which, once known, will never be willingly foregone. The plant is low and spreading, but its flattish flower heads face the sun. Mammoth White, Blu Scarlet and Pink are splendid. Th are at their best when the seed started during March in the house a cold-frame, and the young plan set out later in the garden.

Salpiglossis. Here is color d play for you, from July to from Yellow, chamois, white, gold, o rose, scarlet and blue-enough riety for anyone.

Zinnia. Last but very, very from least. You should have plent including some of the Giant Dahli flowered varieties in red, white, ye low and gold.





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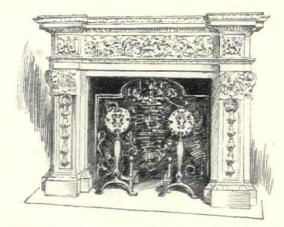
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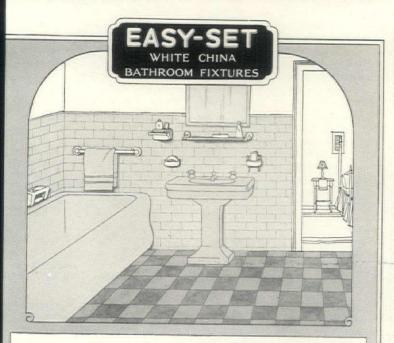
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The railroad entrance can be made to welcome. At Forest Hills the winding roads converge at the station where stores and town accessories are fittingly housed

LAYING OUT THE LAND

(Continued from page 111)

for this service are those where land values are low, and where the houses, when the lots are sold, must be very modest in cost. In the latter sort of development the poorer house needs all the help it can be given in its location and setting. But such land is often in the hands of a speculator whose main interest is immediate profits. So the streets find their checkerboard lines, and the lots follow in narrow rectangular slices.

With the design of the street plan is involved the grouping of such public buildings as the town or village requires, and particularly the putting of the best foot foremost at the railway station.

Before the days of rail travel both the turnpike and water front afforded a much better approach. The pike was generally an important street, and a panorama of a waterfront always shows a town at its best. Until recently we have accepted the combination of railway and town as inevitably drab and dull. The electrification of much mileage and the burning of oil, however, have banished soot and cinders, so shrubbery and trees now often surround fine station buildings and extend along the tracks. The character of the streets around the station has also vastly improved. Distant from our large cities this happy state is not often to be found; the old time "depot" with its big stove and inevitable cuspidors is still with us.

Though in the 1730's General Oglethorpe developed a formal stree scheme for Savannah, a gridiron plat with many parks—most of ther squares of city block size—it was sixt years later that professional tow planning may be said to have had it start in this country. In 1791, Majo L'Enfant produced his layout for the City of Washington. In this, the parkways and intersecting diagona streets laid over a gridiron plan giv opportunity for the placing of buildings to great advantage.

ings to great advantage.

We owe much to President Roose velt and his distinguished Park Com mission of 1891-Burnham, McKin and Olmstead-for bringing back a guiding scheme this brillian Frenchman's conception of the idea city. Besides this revival of the ol Washington plan was the great stim ulus which the members of this par commission gave to city plannin throughout the country. There have been few opportunities to plan, as di L'Enfant, an entire city on paper, fo city planning has to consist largely o making the best of what exists an providing for future growth.

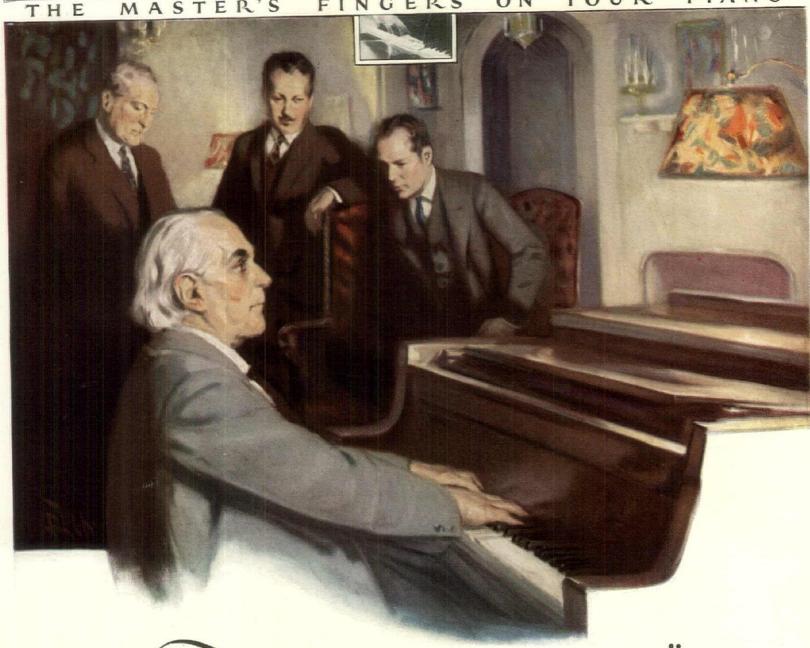
The influence of L'Enfant is to be found today more or less direct is several other cities of early 19th Century founding. Buffalo, Detroit an Indianapolis show the radiating avenues leading out from the center of town. We owe a great debt this Frenchman who, though an engineer, was also an artist.





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reproducing the pianism of an artist. In them I found my "alter ego," the sound of my own playing coming out of a piano without a pianist, invisible hands rendering the spell of my Chopin, my Liszt.

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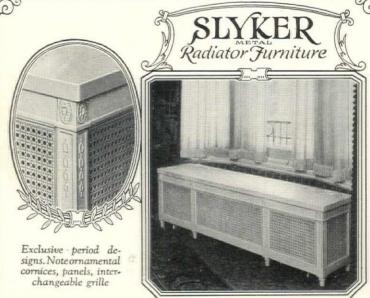


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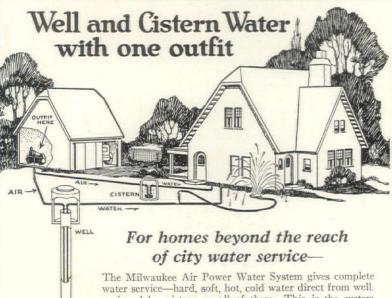
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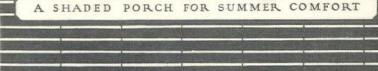
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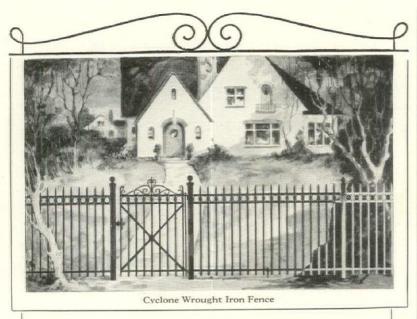
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FOR TOWN BETTERMENT

(Continued from page 113)

smoke and gasses deleterious to the health of man and trees and, indeed, to life in all its forms.

City conditions have brought into being modern sanitation and its scientific methods with the result that many diseases have been conquered. The value of trees as purifiers of the atmosphere, however, has not yet received full and proper appreciation. Trees absorb the gas carbon-dioxide, poisonous to man, and set free pure oxygen, the very life of man's lungs. They do more than this. Trees deaden noise, the curse of the age we live in; they give welcome shade in summer and tend to keep everything within their shadow cool; in winter they break the winds' force and conserve warmth. These are strictly utilitarian reasons for planting trees in towns. Their esthetic value I will not stress since it is apparent to all who think, yet I would emphasize that good roads, lined with fine trees, have commercial value in that a fair approach adds not a little dignity to any town or city and this can be capitalized.

Thanks to the automobile, this is an era of road-making unapproached in magnitude in the world's history. Many millions of dollars annually are being spent on road-making in this country. It is greatly to be wished that a few hundreds of these millions were ear-marked for use in lining these new roads with suitable trees. Last August on a hot cloudless day I motored over a so-called million dollar highway toward Buffalo, and how I longed for the shade of a tree! Yes, tree-planting ought to be an essential part of modern road-making and should figure in the estimates of road costs and maintenance. But it is no use planting trees under a line of telegraph and telephone wires and just when they are attaining real shadegiving size and beauty cutting the tops partly or wholly off because they interfere with the wires. It is always phrased "the trees interfere with the wires," never "the wires interfere with the trees" which is actually the correct order. The wires belong underground, not above where they mar the beauty of the landscape. The plea expense is too much heeded, but some day a generation will arise which on any such plea will not suffer the present hideous arrangement. We cannot have both real trees and wires paralleling our highways and it is high time the choice was decided.

THE IDEAL TREE

The ideal street tree for town or city is one that will grow anywhere and flourish under any condition, one that never needs any attention in the way of food, water, air or light, never needs pruning and never resents being mutilated for the convenience of overhead wires or underground cables—and if it could contrive to sweep up its own leaves, or, better still, maintain them fresh and green through all seasons of all years, so much the better. It does not exist, never did and never will.

I have mentioned the changed conditions of towns; their effect on the trees is apparent. The tree-legacy we have inherited is mainly of magnificent American Elms and Sugar Maples, neither of which adapt themselves to a smoke and gas-lader atmosphere. Others of a tougher fibre will have to be found.

Now a word or two on tree planting, so rarely done properly. Too many people seem to think that having favored a tree by paying a dollar or so for it the same tree should be so overwhelmed with gratitude that it will grow flourishingly in any old soil or place. A puny hole in the ground is made, the roots thrust in a few spadesful of earth thrown over them and trodden down. What more can the thing need? Man has honored it by purchase; now flourish, tree, and beam your thanks!

PROPER PLANTING

Let us consider the matter. Trees are living, not dead things like telegraph poles. They really should no be cemented in the ground nor jus thrust in anyhow. The work should be done with thought and care and with due regard to the fact that, being living things, they need food and air -the roots as well as the leaves and branches. Proper pits should be made pits eight feet wide and three fee deep, the sub-soil properly broken and the pit filled with good loam en riched with fertilizer. In building new highways these pits may be blaster by dynamite, using forty or fifty per cent sticks, which is cheaper and better than digging. The dynamite method loosens the ground outward and down ward and allows the roots to ramifeasily. In this prepared pit and soi the tree should be planted, and in this operation spreading out the roots is a most important thing. The ground should be firmed and the newly planted tree made fast to a stout stake for the first few years. In towns and cities it should be encased in a circular cage of iron, 18 inches wide at the base tapering to about a foot at the top, as protection from hoodlums of all kinds. In the country the pits need no covering but for the first few years they should be forked over occasionally. In towns the pits should be cov ered completely with an iron grating, This admits air and water, allow pedestrians free moving space and doe not obstruct the sidewalk. From time to time this grating should be raised and the surface of the pit forked over to keep the earth sweet. From fifty t seventy-five feet apart in the line i the distance to plant street trees.

Such is the correct method of planting. Too expensive, you say? Paris and many other European cities practise this method; surely the richest country in all the world cannot seriously advance such a puerile excuse. And remember, so planted and cared for these trees will pay dividends in the form of shade, beauty and air purification for one, two or three centuries.

Another item in the care of street trees remains to be discussed, namely pruning. As now generally practised in towns no subject gives rise to more acrimony or leads to more squabbling

(Continued on page 186)

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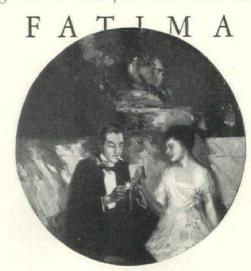
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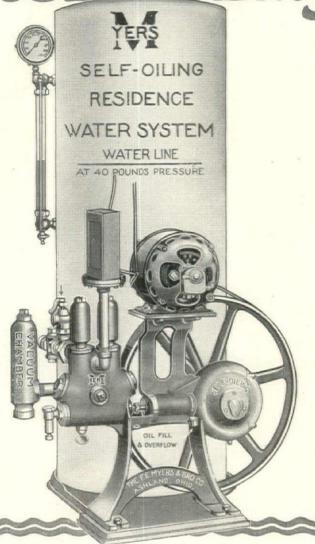
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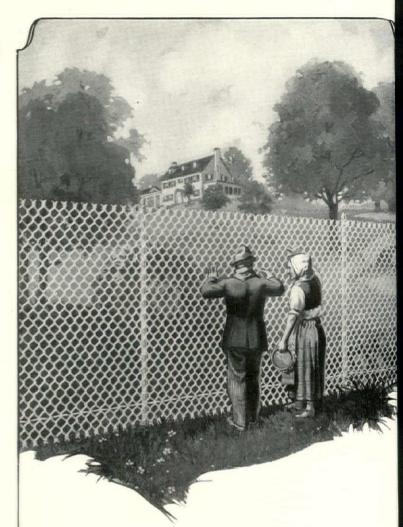
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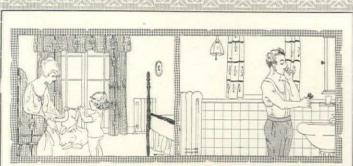
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Japanese Clematis (Clematis Paniculata)

FOR TOWN BETTERMENT

(Continued from page 182)

which not infrequently the law is invoked to settle. There is no necessity for anything of the sort and it is generally the outcome of a policy of neglect. To begin with, the trees planted should be nursery grown, each from 8 to 10 feet tall with a clean single stem and a straight leading shoot. Each year for the first twenty attention should be directed to keeping the leading shoot free of stronggrowing side shoots; the lower branches should be removed one by one until the trunk is from 12 to 20 feet tall; all strong-growing lateral branches should be shortened and weak interior or cross branches removed entirely. Such amputations should be done with sharp tools cleanly and close to the parent stem and the wound coated over with coal tar which acts as a styptic and antiseptic. In a few years the wound will be healed over completely with new tissues and quite invisible. On paper this may seem a formidable undertaking, but it is not so really. If done every year the material removed will be little in quantity and small in size. If pruning be neglected, in the course of time the tree becomes roundheaded, unshapely or too broad, necessitating a heavy expenditure of time and money in the removal of large branches. The tree is left unsightly, often for years, sometimes ruined forever, and the ire of many a citizen is raised. It is when, through neglect, street trees have reached such conditions that trouble of all sorts breaks out. In every town or city there should be a competent man in charge and labor provided for the work of street tree management.

Trees need a protective league just as much as birds and children do. And such a league needs to be lynx-eyed. The town and city beautiful with streets and highways lined with pleasant trees is a slogan worthy of the best citizens.

CONDITIONS TO BE MET

It has been stated that the ideal street tree does not exist, also that the trees quite suitable when the town was young are no longer so. What are the requirements necessary and desirable in trees for street-planting? These depend considerably on the width of the street, but, above everything else, a type of tree that will grow freely and live long under city conditions is demanded. The highways are easily accommodated, but streets are difficult and those of cities very much so. Books do not help much, for the subject has received scant study. Neither can the experience of other lands solve our problem, which is one that each country must work out for itself. Moreover, in a land as large as the United States, and with such extremes of climate, what is good for one region is worthless in another. Resort to our forests does not aid for, strange to say, the native trees resent most strongly city conditions. We have to look farther afield. Of a truth there is little enough to choose from, yet there are trees suitable for nearly every city condition. On the whole, in no branch of gardening is more care necessary than in selecting trees f streets and highways.

Admitting that they will grofreely, the fitness of trees for streplanting depends upon their possessis several other qualities. They must nhave wide-spreading crowns, they must and pruning well, they must not ha objectionable fruits, they must ho their foliage late into the fall, the must not be prone to pests or disea Rich in virtues, they must be verital angels among trees.

IN THE NORTHEASTERN STATES

Now, for New England cities at large towns, for those of adjace Canada, those of New York a Pennsylvania, the street-tree best : proximating these qualifications is t common Hedgerow Elm of rural E gland-commonly known here as I mus campestris, though experts say correct name is U. procera. This is vigorous, tall, long-lived tree with massive trunk and erect and spreadi branches which hold their leaves la into the fall. It seldom produces for tile seeds but increases readily by suc ers. For nearly two centuries this ti is known to have been planted in the country, and, in the city of Bosto there are fine specimens of varyi ages. The best, I think, are those ne the reservoir at Chestnut Hill. Ci conditions seem to the liking of the tree and, all in all, it is rich in virt and the best we have. In its homela it has a sinister reputation for dro ping its branches without warning a for no known reason, but I am unal to find an instance of this happeni here. The Jersey and Cornish Eli both European, have more narre crowns and are probably equally ame able; they should be given a trial.

A tree which seems to prefer brid and mortar or ash-heaps to good sis the so-called Tree of Heav (Ailanthus glandulosa) which is quic growing and with proper attention pruning a good tree for city stree It is a tall, good-natured tree wil large pinnate leaves and unisext flowers borne on different individua. This is fortunate since the male floers have an objectional odor and f street work the female tree only show be planted.

In narrow streets, recourse must had to trees with upright branch such as the Lombardy and Bolle's Polar. Given good soil both grow w under city conditions, but they are r long-lived.

The most famous and most wide planted street tree in the world is, course, the so-called London Pla (Platanus acerifolia). This pre-en nence is due to its indifference to c conditions and its ability to withsta severe pruning. For the central ai of broad thoroughfares and for t embankments of river fronts it splendid and its rapid growth is fine asset, but it has a wide-spreadi crown which demands continual pre ing to keep in bounds so that it really unsuited for the streets of dinary cities. For town squares a small parks it is ideal.

(Continued on page 188)

A Glorious Garland of SCHLING'S NOVELTIES for the Gardens of 1926



New Sunshine Aster ushion center harn ng with Blue, avender & White



Viola G. Wermig - A remarkable new garden variety rivaling the hot-houseviolet. See Offer B.

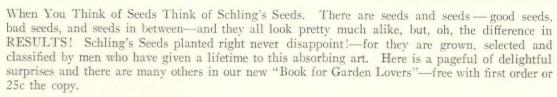


New Amer. Carnation Hybrids—A new early wering strain in man juisite variations o

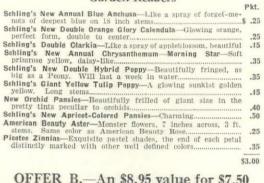


Dwarf Mignon Dahlia—No Dahlia lover can afford to miss this wonderful novelty. months from seed—See Offer B.

Schling's New Hybrid Iberis—A beautiful new bedding plant of large spread. Exquisite in-doors and out—See Offer B.



OFFER A.-A \$3.00 value for \$1.00 Our Get Acquainted Specialty Offer to House & Garden Readers



OFFER B.-An \$8.95 value for \$7.50 The Novelties of 1926. Absolutely New. Don't

.35

OFFER C.—\$9.00 value for \$7.50 Other Recent Novelties Well Worth Your Acquaintance. Don't Overlook Them

qualitance. Don't Overlook Them	
Pkt.	
De:phinium Tom Thumb Ultra Marine Blue—A delightful dwarf delphinium blooming throughout the summer covered with flower clusters of a lovely ultra-marine blue. Just right for bedding	
Helichrysum Monstrosum Canary Yellow—A clear canary or buttercup yellow. Flowers of finest form	
Cosmos Extra Early Dwarf Fairy Queen—Only 2½ ft. high, well branched and gay with bright rose flowers from July to the end of the season, does not require staking. For beds or masses	
Amberboa Muricata Rosea—A rare gem; rose-pink Corn-flower-like, 23g Inches across on 2 ft. stems. Of great merit. Will delight you	
New Zinnia Gracillima—10 inches high with the tiniest glob- ular, perfect-shaped double zinnias about the size of the button Chrysanthemum. Always covered with blooms. Truly charming. Assorted colors	
Dimorphotheca Ecklonis—A recent arrival. The star shaped African datsy. Already very popular for garden and indoor decoration	

Like huge .40 A New Bedding Petunia Purple Queen—Exquisite, large clear purple flowers, 4 inches across.

Single Aster Helvetia—Like giant Shasta Daisies long petaled. A rich and luminous crimson...

Godetia Azaleaflora—Charming novelty remarkably similar to the azalea. Flowers all season...

Cosmos Extra Early Double Crested—Just as beautiful If not more so than the late flowering varieties...

Schling's Hybrid Senecios—Long, dense sprays of lovely Pompon-Chrysanthemum-like flowers. A gem for cutting.

New Double French Marigold "Moonlight"—Pale Sulphuryellow flowers of a perfect shape resembling pompon dahliss...

Dianthus Laciniatus Spiendens—A charming new strain of single pinks. Extremely large flowers, exquisitely marked, with white eye... Single pinks. Extremely large flowers, exquisitely marked, with white eye.

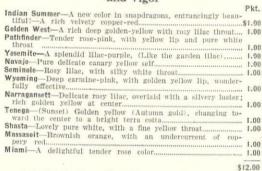
Oenothera Lamarkiana—Remarkable new giant yellow primrose.

Opens visibly at dusk, Curiously beautiful...

Siberian Wallflower—A great success last season, Large clusters of bright orange-yellow blossoms carried in masses above glossy foliage, Very hardy...

Lavatera Splendens Sunset—Exceedingly rich deep pink annual Mallow with very large flowers. May be cut with 2 foot stems

OFFER D.-A \$12.00 value for \$9.00 Schling's Famous Twelve New American Snapdragons Rivaling the Gladiolus in Size, Height and Vigor



OFFER E.-Sunburst collection of Schling's Giant Dahlia-Zinnias in 12 distinct colors rivaling the Dahlias in size and beauty

colors rivaling the Dahlias in size and beaut Exquisite—Tyrian Rose.
Crimson Monarch—Best red, immense size,
Giant Attraction—Brick Red (Spectrum red).
Scarlet Flame—Beautiful bright red blended with orange,
Meteor—Glowing deep red (Spinal Red).
Oriole—Orange and gold, worthy of its namesake,
Old Rose—Adequately described by its name.
Dream—Deep lavender (Mallow Purple).
Polar Bear—Very large pure white,
Buttercup—Immense rich buttercup yellow.
Golden State—Rich orange yellow (Cadmium).
Canary Bird—Delleate shade of prinrose-yellow, Very large,
The Collection—1 packet each of 12 colors—\$5.00.
Any single packet—50e each.

OFFER F

Schling's Perpetual Summer Spinach—Another exclusive novelty, not obtainable elsewhere. A real Spinach that you can cut and recut and it will come and come again. A Big 2 Ounce Packet for \$1.00. Will supply your table throughout the summer.

OFFER G.-A \$1.95 value for \$1.50 Three Novelties for the Vegetable Garden to intrigue the palate

Wallflower-

Alpine Wallflower, A hardy new Wallflower, long blooming and flor-iferous (See Offer B.) and a fit companion for the Siberian Wallflower (See Offer C).



Thumb Del-Tom Thumb Del-phinium—This unique and beautiful dwarf Del-phinium—a bushy plant only 8 inches tall covered with blue flowers—is ex-ceptional in size, color and habit of growth. See Offer C.



Indian Summer— Newest and loveliest of the giant New American S napdragons—Mar-velous color and rivals the gladiotus in height and vigor. Grown success-fully from the Yukon to the Gulf. See Offer D.



Dahlia-Zinnia, "Exquiste' — One of our marvelous giant Dahlia-Zinnias with petals cre-lapping Dahlia-wise, Flowers often 6 inches in diameter. See Offer E.

OFFER H. Entire collection of all offers on this page consisting of 65 items \$30.00



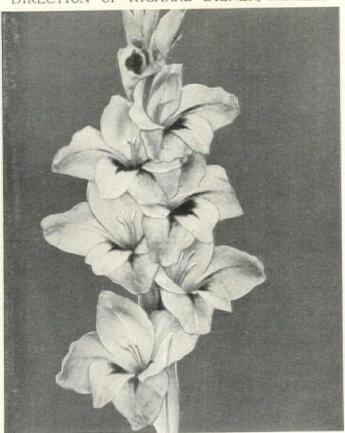
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G _, H _, Book for C	arden Lovers	Seed Sower
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Address		

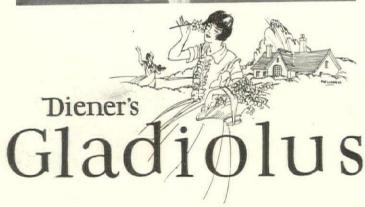


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Diener originations are featured by Gladiolus experts-professional and amateur-everywhere, in their own gardens. Thus is high recognition given to the distinctive quality of Diener varieties. And small wonder! For it is said of Diener that he leads the world in the origination of highscore, named varieties of Gladiolus.

Hundreds of flower lovers from every part of the world send direct to us annually for genuine Diener bulbs. They know the satisfaction that comes from planting our bulbs-strong and

true-to-name-grown and harvested under the personal direction of the originator Richard Diener, himself, in Valley of the Moon, beloved of Jack London.

We have harvested this year a wonderful crop of bulbs, healthy and bursting with ambition to put forth spikes, heavy with bloom. While we can take care of more orders than in previous years, remember our supply is not inexhaustible. Already orders are pouring in from customers of other seasons, who have found that Diener Gladiolus grow easily anywhere. There is a heavy demand for our most popular varieties. If you are one of our former customers, consult the 1926 catalog we have sent you. Order now. We will ship at your convenience.

Save \$2.40 On This Collection

A collection of Diener Gladiolus that will give you a fine choice of colors in blooms with both ruffled and straight edges, is our House and Garden special No. 4.

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Only \$5 for 17 full sized bulbs, regularly priced at \$7.40.

Included are one each of Henry Ford Victory Mrs. M.

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If you have never grown bulbs bought direct from Diener, send today for our complete 1926 price list and our finely illustrated flower book, showing in natural colors many of our gladiolus and petunias. Also describes our Amaryllis, Delphiniums, Roses, and other specialties. Contains valuable cultural suggestions. Mailed free if you mention House & Garden

Richard Diener Company Inc.

Originators of Gladiolus and Petunias World famous for size and high quality

Box 6033, Kentfield, Marin County, California

TOWN BETTERMEN FOR

(Continued from page 186)

Good-natured and in consequence much planted are the European Lindens (Tilia vulgaris and T. tomentosa) but these are really about the worst possible trees for street planting. They are very partial to aphis whose sticky exudations, added to the honey which falls from the flowers, cause dust and soot to adhere to the leaves and choke the pores, and the foliage turns yellow and brown before August comes. In Europe there is another Linden, known as T. euchlora, which is said to be immune from these disabilities. This should be given a trial as a street tree in this country.

HORSECHESTNUTS AND OTHERS

The Horsechestnut has been much planted, but this again is a bad street tree. Under town and city conditions the leaves lose their freshness and become spotted with vellow and brown soon after midsummer; and later the falling fruits are too attractive to boys, and their husks are a nuisance on the sidewalks. The Ash is no good in the city and neither is any one of the Maples. And not one of the Pine and Fir tribe can for one moment be considered as street trees for town or country village.

For boulevards and main thoroughfares on the outskirts of towns and cities a greater variety is available. Among the best trees for the colder parts of eastern North America must be placed the Red Oak (Quercus borealis). There is a mistaken notion current that Oak trees grow slowly. Actually they grow as rapidly as other trees and more so than many. The two to six rows of Red Oaks which line the parkway through Jamaica Plain, Boston, were planted in the spring of 1899 and bear ample witness to the tree's rapid growth into one of the most pleasing and impressive tree avenues in this country. The Scarlet Oak (Q. coccinea) is another magnificent Oak for road planting, though difficult to obtain. For moist situations the Pin Oak (Q. palustris) is to be commended, though it does not grow old grace-

The Norway Maple (Acer platanoides) is a first-rate tree for town approaches, growing freely with a fine bell-shaped crown. The gray-barked Sycamore (A. pseudoplatanus) is also good. The Sargent and Avium Cherries with narrow pyramidal crowns should be used for their wealth of flowers which would add cheerfulness in the spring. Many other trees could and should be so used; the Cucumber tree (Magnolia acuminata) Sawleaf Zelkova (Zelkova serrata), Asiatic Cork Tree (Phellodendron lavallei) and the Castor-aralia (Acanthopanax ricinifolia) are examples.

For the country highways there are no better trees than the common White Elm and Sugar Maple of east-

ern North America. As an ave tree there is no more beautifu one in all the world than the Ameri Elm with its wide spreading, feathe. umbrageous crown. Less graceful, b very attractive, is the Sugar Map with its more or less ascending of spreading branches and multicolore autumn-tinted foliage. These two tree are an impressive feature of New England roadways and lesser town but, unfortunately, they cannot with stand modern city conditions. But for its highways at large, the colder part of eastern North America need no look beyond these two splendid native species.

Poplars in general should not be used in eastern North America, bu in the Middle West they are of grea value and it will be a long time be fore they can be dispensed with. Som of the European sorts such as Norway Volga and Berlin Poplars are very hardy. The handsome oriental P maximovoiczi is worthy of more at tention. For the same regions the eas Asiatic Ulmus pumila is showing grea promise. This is a tall and shapel tree with small foliage, remarkabl hardy and fast-growing. Likely enoug it will withstand city conditions.

In California Eucalyptus tree chiefly E. globulus, have been much planted along highways. This is b no means a good tree for the purpos since it grows too rapidly and shed its bark too freely. The wondrou red-flowered E. ficifolia would 1 much more serviceable and infinite more beautiful. Another exceller species is E. sideroxylon with smalle pink to crimson flowers and tenaceou dark bark.

In southern California and Florida the curious Casuarina equiseti folia is much planted, but the Wes Australian C. glauca and C. frase would be found better subjects that the Malayan species. And better stil I think would be some of the Aus tralian Cypress Pines like Callitra robusta, C. rhomboidea and C. arenos These are medium-sized, round-topped trees that grow well in warm sand soils.

CONCERNING SOURCES OF SUPPLY

The practical among us will sa that it is all very well to talk about trees for street and highways, bu where are they to be obtained? used to draw them ready grown from Europe, but where are they now? Th problem of supplies is up to the nurserymen. The wise among that class would find a good investment is raising in quantity a selection of th best and most desirable kinds. Her in New England for street purpose in quantity almost unlimited should be raised that peer among trees for our cities, the English Elm-the U. mus campestris of our elders, nowa days styled Ulmus procera.





"Why Uncle Jack, imagine your having melons and calendulas in March. What a delightful extravagance!" "Delightful, yes, Dotty, but not guilty on the second count. When Phil Scott designed this place he insisted on a greenhouse. You

see, he knew the secret of fruits and flowers the year around; and I figure the greenhouse didn't cost me anything as I bought it out of my income, in 12 monthly payments. Clever fellow, that architect, Scott."

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Greens. Adjustable to your needs for the
weight is regulated by the amount of water
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Archways

Stock sizes 18 and 30 inches wide. All span a four foot walk and are seven feet high. Galvanized after they are made; absolutely rust-proof.

18" - \$13, 30" - \$15 Mail Orders Filled KEEP the balls within the court with an enduring and sightly enclosure high enough to be a satisfactory backstop.

One sure way to satisfaction is a Fiske Tennis Court Enclosure—which is a complete protection of sturdy, rust-proof fencing running from ten feet high to any height you wish.

The fence comes right to the ground line, and the mesh is too small to allow a fast ball to drive through. Used on club and private courts everywhere.

We contract to do the installation work; or we will furnish plans and blueprints with full erecting instructions.

Let Fiske Fence Your Tennis Court Write for Catalog 13

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Buy These Roses

To start a new garden or to enrich an old one with new beauty, what so fine as a few well chosen roses? With either of the choice assortments here offered, you may count on sturdy growth, exquisite bloom, and variety of type, size and color.

> Vigorous, field grown, two-year-old plants of rare worth and proved adaptability, at very special prices.

Collection B., \$4.95 Collection A., \$4.95

Six superior kinds, every plant healthy and strong, ready to grow almost from the day you set them, and to begin blooming by summer. Rarely can you buy rose plants of such quality at so low a price.

Hadley.—Deep velvety crimson. Both buds and flowers of exquisite form. Splendid for cutting.

Kaiserin Auguste Victoria.—Lovely creamy white flowers, large and full. Blooms freely until late fall.

Mme. Edouard Herriot (Daily Mail) Buds coral-red, opening to shrimp-red, shaded with yellow and scarlet. Magnificent.

Mrs. Aaron Ward.—Long shapely buds of Indian yellow, occasionally flushed with salmon. One of the best yellows.

Mrs. Charles E. Russell.—Large, beautifully formed flowers, rosy carmine, shading to scarlet in center. Very profuse bloomer.

Radiance.—Unusually vigorous bloomer. Light silvery pink to salmon-pink suffused with coppery rose and yellow.

(If purchased separately, \$1,00 each.)

Another equally well balanced assortment of six equally desirable varieties. Sturdy, healthy, two-year-old plants, which will bear moving with no setback. Please order early as the supply of some varieties is limited.

Columbia.—One of the newest and largest.
Flowers often 6 inches across, vivid pink,
on long thornless stems.

Gruss an Teplitz.—A splendid old-reliable, never surpassed. Handsome crimson-scarlet flowers in profusion all summer

long.

Jonkheer J. L. Mock.—Unusual and most attractive. Bright cherry red inside, silvery white outside; large and well formed.

Sunburst.—Large golden yellow flowers, shading to orange in the heart. Strong stems; ideal for cutting.

Ophelia.—Light salmon, shading to yellow at base. Large and beautifully formed. Free-flowering.

at base. Lar Free-flowering.

Mme. Butterfly.—Big, strong plant with sprays of abundant pink bloom. Flower exquisite in form, rich in perfume, delicately tinted, with gold color at base of petal.

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Both Assortments Together

The double assortment, Collection A and Collection B, to-gether, twelve queenly kinds in all, will make a Rose Garden interesting, colorful, and va-ried, in which any home owner will find delight.

FREE. Elliott's Planting Book for 1926, full of valuable and helpful suggestions, free on request.

Elliott Nursery Company

Established 1889

608 Magee Building, Pittsburgh, Pa.

FOR THE CUTTING GARDEN

(Continued from page 116)

There are a number of flowering shrubs which are very necessary for cutting, for they have an abundance of beautiful blooms when the flower garden is not overly prolific. These should either be included or planted near every well-thought-out cutting

Forsythia, Spirea, Lilacs, Springa, Clethra, Buddleia, Rose of Sharon.

There are a number of beautiful berried shrubs which are so beautiful in the fall and help to make the house cheerful when they are placed indoors in vases. A few of them follow:

Barberry, Snowberry, Indian Currant, Sweetleaf (Symplocos), Bay-

Many people like to gather flowers which retain their beauty after they have become dried. These can be made into charming winter bouquets:

Common Groundberry (Chinese lantern plant,) Helichrysum, Statice, Globe Amaranth, Moneywort, Ever-

COLONIAL ARCHITECTURE

(Continued from page 148)

of the year was warm, the ceilings were high to permit the free circulation of air. In New England, excepting in the more pretentious residences, the ceiling was never over nine feet in height.

Ceilings were, at first, left with the bare timbers showing, but as the Colonists progressed, they were plastered to match the walls. We very rarely find painted ceilings in houses built during this period. With the growing use of much decoration in the home, ceilings were modeled in relief with simple designs.

The stairways of the Colonial period are especially worthy of attention. The workmen and designers show on them the beauty of design and nicety of workmanship prevalent throughout the period.

The first or earliest work shows the balusters quite rugged and simple. Two balusters were used on each tread. We later see the balusters grow slender, more graceful, and much more ornamental. We find that on stairways built during the later years of the period three balusters to each tread or step were quite commonly used. Each of the three balusters, although alike in proportion, was different in design. This series, re-peated on each step throughout the stairway, added much to its beauty. Handrails were quite simple, ending in newel posts, in most cases, elaborately turned and carved.

The cupboard is a characteristic detail of the Colonial house. It was usually placed in a corner of the principal room, forming an integral part of the decorative treatment. In many houses we find two cupboards in opposite corners of a room. Cupboards were constructed in two parts. The upper half was either open or with glass doors and most had three shelves. The head was treated in a variety of ways. Some were rounded with shelllike designs carved inside. Eared and broken pediments were also used as heads. The lower half was enclosed by a paneled door.

HOUSE & GARDEN'S BOOK SHELF

AMERICA'S GREATEST GARDEN. By E. H. Wilson, V. M. H. Boston: The Stratford Co.

IT is more than ordinarily appropriate that House & Garden should call the attention of its readers to this most recent book of Ernest H. Wilson's, for thousands of them feel that they already know the man himself through his frequent articles in the magazine during the past year or more. Further than this, the volume has to do with the Arnold Arboretum, for many years the home port, so to speak, of Mr. Wilson's explorations into the field of the world's plant material for American gardens. Add to these incentives the satisfaction a reviewer finds in speaking a word for any book that is consistently well done, and the case is complete.

Only the Arboretum, that splendid horticultural treasure-house, could have supplied the material for America's Greatest Garden, and only Mr. Wilson could have translated such a galaxy of plant wealth into so clear-cut and absorbing a picture. He was the original collector in foreign lands of

many of the shrubs and trees which he describes, and the observant, sympathetic friend of them all. His understanding is a thing of the heart as well as of the head, a quality which even a reading of the first few pages of the book will infallibly disclose.

As an effort to do justice to a plant collection fifty years old and 250 acres in extent, the book is remarkable. It opens with a brief account of the Arboretum's inception, its aims and important acquisitions of land to the original 125 acres, and then passes into what one might call bird's-eye pictures of the whole collection, one for each of the four seasons. Having thus set the general stage, it intimately introduces group after group of actors-the Cherries, Crabapples, Lilacs, Azaleas, Hawthorns, Oaks and Hickories, Conifers, Climbing Plants, Border Planting, Berry-bearers and Shrubs. In the concluding chapter, "What It Does," one paragraph sums up so adequately that we quote it as a lucid statement of what every garden-lover in America should know: "Assembles and nurtures all that is

(Continued on page 194)



A customer was just as proud of her Asters as we were upon learning that they were grown from Dreer's Seeds. We have always taken particular pains to see that our strains of Asters (and all other flower seeds, for that matter) were the very finest that human skill, good soil and a congenial climate could produce. Here is a selection that is sure to give satisfaction.

Dreer's Six Famous AMERICAN ASTERS

Dreer's Azure Blue Dreer's Crimson Giant Crego's Giant White Dreer's Peerless Pink Purple Beauty Rose King

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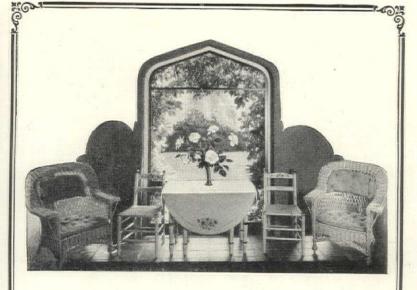
Dreer's Garden Book for 1926

abounds with many similarly favorable offers in Flower and Vegetable Seeds, Gladioli, and Dahlias, Old-fashioned Hardy Plants and Rosesin short, everything needed for the garden. And what is more, it gives easily followed cultural advice that will prove helpful in getting the most out of every garden effort. Gladly mailed free. Please ask for it and mention this publication.

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You can be sure of it if you will order your plants from our new "Star Guide to Good Roses"—just out! It is a companion book to the "Star Guide" of a year ago, but more complete, more interesting, and more helpful.

The "Guide" tells about America's best roses, how they will grow, their faults, their color values and their fragrance. It tells which plants to choose if you want rose blooms all during the late spring and summer. It is a reliable guide to rose growing. 100 pages of wintertime entertainment and springtime happiness, 18 roses shown in color almost as beautiful as the blooms themselves.

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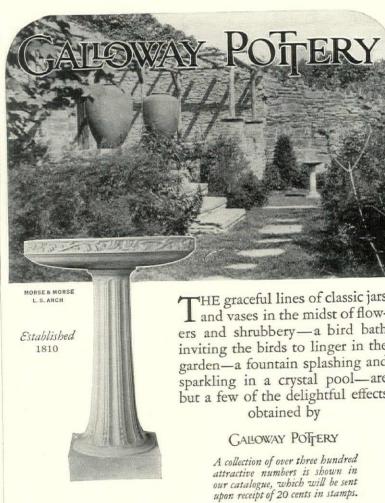
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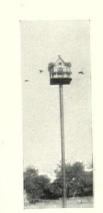
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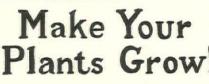


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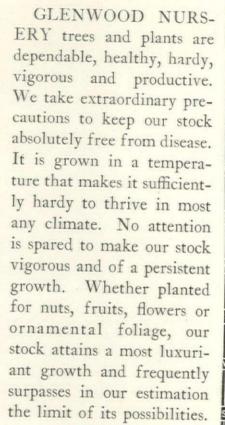
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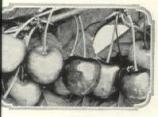
Berry Plants—Evergreens—Hedge Plants

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SEEDS BULBS PLANTS

OUR 1926 Seed Annual—180 pages and cover, including twenty pages of colored illustrations, featuring the *finest strains* of Flower and Vegetable Seeds, Grass Seeds, the newest and best in Dahlias, Gladiolus and Roses—a veritable Horticultural Department store. Our strains and varieties of Seeds are grown under special supervision in Europe and America.

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Farm and Testing Gardens-Farmingdale, L. I.

Don't give the weeds a chance



The annual fight with weeds will soon begin. Will it be a nip and tuck race again this year, with you and your faithful but slow old hand hoe just a hop ahead or a hop behind? Or will you profit from former experience and get, at last, the Planet Jr. Wheel Hoe you've promised yourself all along?

Just think—a pair of keen hoe blades, attached to a light but sturdy steel wheel, with a pair of comfortable handles to push and slide the blades under and through whole bunches of weeds fighting to crowd and choke out your tender vegetables and flowers. Or a trio of stout shiny cultivator teeth to crumble the crust and work up a nice soil mulch to save moisture.

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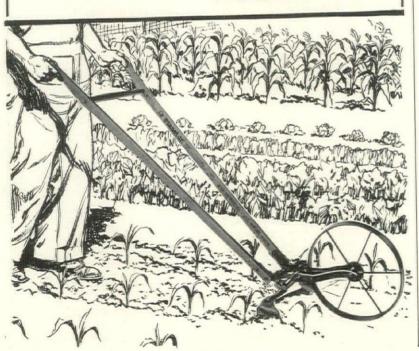
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HOUSE & GARDEN'S BOOK SHELF

(Continued from page 190)

beautiful, interesting and hardy among woody plants from all parts of the world; distributes its surplus material among kindred institutions, nurserymen and garden lovers throughout the five continents. Seeks knowledge for the sake of knowledge. Garners information of every sort that concerns woody plants for the use of the specialist, the student and the tyro, supplying freely to the limits of its capacity all interest in its sphere of endeavor, no matter where they live. This is what the Arnold Arboretum does."

America's Greatest Garden is a book for everyone who has interest in the improvement of American gardens and grounds through advances in horticultural knowledge. It makes clear a subject which has in the past been far too little understood by the public. It is at once a record, an interpretation and an absorbing picture of a great work. Particularly as coming from a man of Mr. Wilson's unique position, it should win wide attention by both amateurs and professionals.

R. S. L.

CHRONICLES OF THE GARDEN, by Mrs. Francis King. New York: Charles Scribner's Sons.

THIS is a garden medley. Observations upon plants growing and blooming in the author's own garden in northern Michigan and in those of friends living in Pennsylvania, California, Florida and England are wrapped up with suggestions about managing garden clubs and about adapting plants and landscape designs to houses of various styles. But any words from this Dean of American Gardeners, whether they be a systematic treatment of one of the many subjects in which she is so expert or in the rambling form of these articles that had appeared in various magazines, should be received with eagerness.

The specialist of the Narcissus, the Tulip, the Gladiolus, the Delphinium or the Lilac will find his attention called to a new and desirable variety or to several new varieties not before known to him, or will at least be led to discover novel delights in it or a way of combining it happily with other flowering plants so as better to bring out its charms. He will be brought to a renewed consciousness also of the fact that if he limits himself closely to his specialty he will miss much enjoyment of other charming trees, shrubs and flowers and may be wrong in evaluating his own specialties. Occasional remarks from an observer so keen as is the author, this woman of wide travel and of deep experience in many fields of horticulture, are therefore valuable contributions to the literature of gardening. Her friendship with great plantsmen and originators of new plants all over the world is made available to

The essays all make attractive reading and the two dozen full-page illustrations are beautiful pictures. There is error only in seeming to imply that

the Gladiolus has perfume, by sanctioning the phrase "fragrant beauty" in connection with it, and in calling Iris Queen of May by the name Pallida dalmatica.

F. B. M.

BEAUTIFUL GARDENS IN AMERICA, by Louise M. Shelton. New York Charles Scribner's Sons.

ARDEN books are bought by G men employed in offices in larg cities and who live in apartmen houses. In this way they gratify a uni versal longing, even without a squar foot of soil to dig in and in which t make come true their hopes and plan and dreams. To such persons this galaxy of lovely pictures must indee be a prize. With hardly less intensit should it appeal to all other lovers of beautiful gardens. Few persons, ever granted the necessary funds and th time for travel, could gain admission in season or out of season, to a larg number of the spots where great weals and taste and skill have combined t make earthly paradises.

So this book is well worth the price and the price is not so high as mig be expected for so large and sumptuou a volume, containing 274 plates of illustrations, most of them full-pag and some in colors. All have been selected with great care and pass upon by four garden experts who a sisted the author. The majority hav stood the test of time also, for the appeared ten years ago in the fir edition. Some that were given place in making the earlier edition have been supplanted in the new one and due recognition has been given to de serving new ones, as to some the though already in existence had ne been discovered in the first round Brief introductory remarks prepare t student to appreciate climatic ar horticultural peculiarities in the var ous parts of the continent. (Mexic Central America and South America however, by-the-by, are not represented.) More comments beneath ea

be of use, at least in many cases. F. B. M.

THE LILIES OF EASTERN ASIA, Ernest H. Wilson. London: Dulau Co., Ltd.

picture would usually aid even

experienced person to profit more fro

it. An indication of the species

plants composing each picture wou

WE ARE constantly being to that we are living in a scientiage. The newspapers headline decoveries, and the proceedings of scietific meetings are almost as importain the press as the latest divorces. It is interest in science is keenest in departments related to machinery a construction. People like to be thrill by new discoveries while they do nunderstand or even sympathize with tedious process of painstaking search.

Mr. Ernest H. Wilson's monogra on the Lilies of Eastern Asia gives both the thrill of the adventurous of

(Continued on page 196)

Garden Full

The Gladiolus is one of the most satisfactory flowers grown—it is as easy to grow as the potato. Every family can enjoy this grand flower. They bloom from July to frost if you plant a few bulbs each month from April to July.

Special \$2.00 Offer

For Two Dollars we will send 50 Bulbs of our Grand Prize Mixture, which covers every conceivable shade in the Gladiolus kingdom.

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Simple cultural directions in each package

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Sixteen New and Rare Roses, some never before featured in any American Rose catalog, are shown in natural colors in our new booklet "Good Roses." Extraordinary brilliancy, and uncommonly beautiful blends of delicate tints, characterize the distinctive charm of these great novelties. All the best of the present day Roses, truthfully and accurately described.

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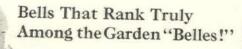
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Equally charming in their single or semi-double or "Cup and Saucer" forms, this special improved Wayside Garden Strain is particularly noted for blooming profusely and over a long period

We supply extra strong, field-grown plants (sure to bloom type) in white, pink and blue, in either single, semi-double, or "Cup and Saucer" type, at the uniform price of \$1.50 per dozen, \$10 per 100.

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We have spared no effort and expense to make our 1926 catalog truly representative of the greatest collection of Hardy Perennials ever grown in one Nursery. You are welcome to a free copy of this instructive book for which please write, mentioning this publication.



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Has Self-Sharpening Device

Quality in a Small Power Lawn Mower

Built by the experienced makers of Jacobsen Heavy-Duty Mowers, Putting Green Mowers, Estate Mowers and Riding Mowers, the Junior is finely engineered, thoroughly reliable and simple. Cuts a 19 inch swath at the rate of two acres a day on a gallon of gas. A boy can operate it. Travels on its own power. Safety clutch prevents damage when obstructions catch in the knives. Efficient in close-up work and on terraces. Fully guaranteed, attractively priced. Write for beautifully illustrated literature.





ANYONE can get sure results with sown with seeds, adjust the opening to the size of seed, then tap the bowl lightly with your finger.

EVERY SEED SCATTERS AT JUST-RIGHT INTERVALS! Seedlings spring up separately. More plants are produced per package of seeds; fewer are lost through "thinning-out". SOWRITE pays for itself in stronger, healthier plants, flowers, and vegetables.—Let SOWRITE do all your planting this spring! Fill out the coupon—Now!





Distributes all FINER seeds. Made of tough, transparent fiberloid. Metal slide regulates flow perfectly. Use the coupon!

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THE BERTHER THE BETTE B	医乳球 医乳球 医乳球 医皮肤 医皮肤 医皮肤 医皮肤 医皮肤 医皮肤 医皮肤 医皮肤 医皮肤

HOUSE & GARDEN'S BOOK SHELF

(Continued from page 194)

coverer and the accurate results of the most patient research. He is an explorer who was gone on expeditions in Asia to find new plants to bring back to Europe and America. While he was in India, Korea, Manchuria, China and Japan searching for certain plant specimens, he saw Lilies growing wild and gives us the testimony of a scientist eye-witness of how, where, and when they grew. He describes the altitude, the flora, the character of the soil where he found the Lilies, the depth of the bulb and the character of the roots. He gives the most minute scientific description of the plants and also a popular and literary one. In describing L. luchartrei, not yet introduced, he tells us how: "Many a delightful day in July have I spent wandering through regions studded with this charming Lily and untold numbers of other lovely alpine plants . . . this Lily always attracts attention and especially when peering through bushes and on the edge of woodland." It makes us feel like packing up and taking the next ship to China.

He tells us whether it grew in shade, or sun, wood or field, in damp or dry soil. This account of the Lily's native environment is most helpful for we can follow his directions and draw our own conclusions and if the conditions described correspond sufficiently to those in our own gardens we can try out the Lily and be assured of some measure of success.

Mr. Wilson's book is so carefully and accurately done that no one need attempt to cover the same field fe some time to come. He has unravelled mazes of misunderstanding and cleare up confusion about names. He fol lowed up the descriptions of th Lilies when they were first received and went to the various centers of Europe where he studied the herbar ium specimens to make sure whether the Lily received and given a nam in Paris was the same species ser over to London or Holland by son one else a year or two later with similar description but quite a differ ent name.

Many of the Asiatic Lilies introduced into England failed to succee and were branded "difficult or del cate." The chances are that most of them will do well in some part of the United States, where the climatis more like that of Eastern Asia tha Europe's pale blue skies and coldampness.

The literature on Lilies is ver limited. There are only seven bool on the subject including this one, an all but one were written by English men from experiences in English gardens. When compared with the countless volumes about other flower this is poverty indeed, and for the reason as well as for its own men as a scholarly, scientific work preparation with extraordinary modesty, this a most welcome book.

HELEN MORGANTHAU FOX

NEW COLORS in the ROSE GARDEN

(Continued from page 172)

of all Roses. In the semi-singles will be found the most brilliant bedding Rose of the garden, Red Letter Day, a dazzling scarlet.

White Roses are wanted but the garden is sadly lacking in white. There are no white Hybrid Teas which come up to the standard of form, size and style of growth that we expect of this class. Occasionally a white Rose appears on the horizon, as British Queen did some years ago, but our requirements for the white Rose are too exacting for any white Hybrid Tea so far produced to fill the bill. In Hybrid Perpetuals of course we have Frau Karl Druschki which is one of the finest garden Roses we have save that it lacks any perfume. It is possible, too, that all other white Roses must suffer by comparison with Frau Karl Druschki. Probably Mme. Jules Bouché is the best white Hybrid Tea to-day.

Have these Roses faults? Well, Yes. Practically every rose has some fault and many modern Rose catalogs are honest enough to tell these necessary truths, for all Roses are temperamental. Tendencies to mildew and blackspot will not thwart our enthusiasm and our appreciation will not revert to the soul of an adding machine because Los Angeles will not give us the wealth of bloom of Gruss an Teplitz.

Nor will we give up Claudius Perr because it misbehaves in wet weather we will wait for the sunny days.

With this wealth of color in presedus Roses, what are we to expect from the years to come? All hybridizers a striving for form, color, fragran quantity and continuance of bloofoliage, hardiness, freedom from dease and good growth of pla Color is the great attainment, without distinctive coloring a new remains very little chance for popularial All these named in this article we probably always have a place in garden and should stand the test time. There is probably one except to this, the Queen Alexandra Rose.

Plant Queen Alexandra. See its

markable blooms and wonder wh this type of Rose coloring may l to. We all know that other bicol Juliet. Queen Alexandra is said "out-Juliet Juliet" which had fault of lack of form and strag growth and was renowned as the ter of many Rose diseases. Certa Queen Alexandra is an improven and the best bicolor of the mom with its vermillion petals with on the reverse sides. What start combinations are possible? They sure to come, and Rose colors keeping away ahead of our expe tions.

ROSES

By Bobbink & Atkins

Our remarkable new catalog offers many new American and Foreign Roses of unusual types. Particularly noteworthy are Star of Persia, an astonishing rose of the Pillar class, with actually yellow flowers; Rev. F. Page-Roberts, the great, glorious golden Hybrid Tea illumed with F. Page-Roberts, the great, glorious golden Hyprid Tea Humed with burnished bronze and copper; with others of the newest and best. "Roses, by Bobbink & Atkins," also offers Hardy Climbing Roses in infinite variety, rare Roses of olden days, unique species and shrub roses not easily obtained elsewhere; all described with a fidelity to fact which makes it possible to select roses wisely for any purpose.

To those who intend to plant Roses, we will gladly mail a copy upon request.

Old Fashioned Flowers New Varieties

New Varieties

Hardy Chrysanthemums, Japanese Iris,
Delphiniums, Trollius, Astilbes, Anchusas, Anemones, Heucheras, Hemerocallis, Phlox in many varieties,
Hardy Asters, Marshmallows, Veronicas, Violets, Rock Garden Plants
and many others will be described in
our new Hardy Herbaceous Plant
catalog ready to mail the latter part
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An illustrated catalog of Evergreen Trees, Shade and Ornamental Trees, Broad-leaved Evergreens including Rhododendrons, Azaleas, Cotoneaster, Holly, Flowering Shrubs, Hedge Plants and Hardy Vines. Most of the new introductions, together with the varieties that have become familiar to all, will be found in this edition.

In your request for catalog it is important to state definitely what you intend to plant

BOBBINK & ATKINS, Rutherford, New Jersey Nurserymen and Florists

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Waterlilies are Always a Source of Delight

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Beginning with the pure white of Loose, the colors run the scale from the delicate pink of Marliac Flesh to the deep red of Wm. Falconer; from the soft appricat of Comanche to the rich reddish yellow of

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The Originator of the Ruffled and the

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It's large enough to give you ample room for 9 rows 3 feet long. That's equal to one long row 27 feet.

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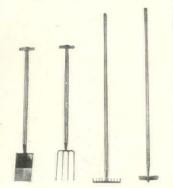
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Gladioli grow best in a rather sandy, well drained and rich loam, in full sun. Shade is decidedly detrimental, and so are standing soil-water and a marked percentage of clay. Should the latter be present in the place where you wish to plant the bulbs, counteract it by digging in sand or coal ashes. For enrichment, finely ground bone-meal is safe and effective. The bed should be thoroughly prepared to a depth of 10" or so if best results

Planting time is between the date when all frost is out of the ground and late June. By putting in a batch of bulbs every two weeks during this period a correspondingly prolonged succession of bloom will be assured.

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HE garden walk of irregular flagging or flat field-stones is one of the most pleasing and practical kinds for the country place where informality is sought. Irregular in pattern, and with varying spaces between its component parts, it carries a feeling of naturalness which is most inviting. If it is properly planted

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Fern & Flower Farm 7 Main St., Southwick, Mass.

Rare Plants from Hicks

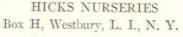
English Effects in American Gardens

Those old stately Yew hedges-for years the pride of England, and which you have longed to have in your gardencan now be reproduced in America with

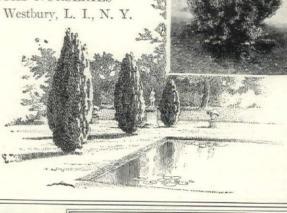
Hicks New Hardy Yew

(Taxus media hicksi) raised in our nurseries. Hicks new Yew has almost the identical habit of the Irish Yew and the hardiness of the Japanese Yew.

I to 11/2 ft. specimens \$5 each Plant hunting for the newer, rarer sorts is a great pleasure in Hicks Nurseries, for there are many unusual kinds of great beauty and usefulness.



Send for a list of the Rare Plants offered by Hicks





PENNSYLVANIA

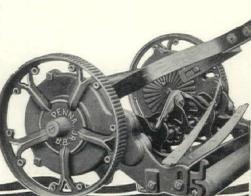
Quality Lawn Mowers are made for the increasing number of people who will have only the best because they have found the soundest economy lies in quality.

It is a real pleasure to operate a clean-cutting, easy-running, long lasting PENNSYLVANIA Quality Mower.

The STAYTITE Handle identifies all "P. Q." Mowers.

At Hardware and Seed Stores Send for booklet

"How to Have a Fine Lawn"







Modern spraying equipment

One of a fleet of highly efficient spraying outfits used by Davey Tree Surgeons. Best quality chemicals, used full strength in solution ac-cording to scientific formulae and applied honestly make Davey Serv-ice reliable

No carfare charged for Davey Tree Surgeons

A national organization with local service in your vicinity quickly available

The Davey Company offers you all the advantages of local service-within motoring distance of your homecombined with the facilities, discipline and reliability of a national organization.

Here is a force of nearly 700 master Tree Surgeons, some of whom live and work regularly near you. They are selected, rigidly carefully trained at Kent, scientifically schooled, properly disciplined, and constantly supervised in the field-but they live and work within a few miles of

Davey Tree Surgeons use standardized methods, stand-ardized practices, and follow a uniformly high standard of professional ethics—their work is of the same quality and type from Boston to Kansas City, from Canada to the Gulf.

THE DAVEY TREE EXPERT CO., INC. 381 City Bank Building Kent, Ohio

Branch offices with telephone connections as follows: New York, Albany, Boston, Philadelphia, Baltimore, Washington, Pittsburgh, Buffalo, Cleveland, Detroit, Cincinnati, Louisville, Indianapolis, Chicago, St. Louis, Kansas City, Minneapolis, Montreal

Attach this coupon to your letterhead and mail today

JOHN DAVEY Father of Tree Surgery



THE DAVEY TREE EXPERT CO., Inc. 381 City Bank Bldg. Kent, Ohio

Pat. Off.

Gentlemen: Without cost or obligation on my part, please have your local representative examine my trees and advise me as to their condition and needs.

THE GARDENER'S FOR SCRAP BOOK

with suitable flowers it becomes a veritable beauty, if not literally a primrose path.

Plants for the interstices of such a walk must be hardy and of sufficiently low growth not to interfere with the free use of the path. Among the most satisfactory kinds may be mentioned:

Arabis alpina, Arenaria montana and caespitosa, Sedum acre, Phlox subulata, Vinca minor and, for a shady situation, Asperula odorata.

The soil between the stones of the ordinary walk is not usually rich enough to enable even these sturdy little fellows to do their best. In a great many cases it will be worth while to work in a small handful of bone-meal where each plant is to be set.

SHARPENING THE LAWN MOWER

E VEN the best lawnmower needs occasional sharpening, just as does the finest of razors. When one stops to consider the thousands of revolutions its blades must make in cutting even a small plot of grass, the only wonder is that they hold their edge as long as they do.

It usually happens that just at the time the mower needs the ministrations of the emery-wheel the local sharpening emporium is crowded to the doors and your machine must await its turn, perhaps for days. Under such circumstances the grass keeps on growing with prodigal eagerness, and by the time you finally get at it the lawn bears a close resemblance to a youthful but highly lusty hay field. It is at such times that a knowledge of how to sharpen a mower without grinding implements is a very good thing indeed.

It is easy enough, and involves no more mechanical ability than is needed to interchange the pinion gears in the right and left drive wheels, thereby reversing the action of the blades. On



A MAGNIFICENT new Dingee rose, the "Silver Columbia," is shown below. A hardy, luxuriant bloomer, it grows in or out of doors without coaxing. It is graceful, fragrant, colorful.

Rose lovers everywhere plant Dingee rose bushes. They

are strong and sturdy—pot grown—on their own roots. Plant them any time, anywhere. Beautiful new varieties and all the old favorites. Safe delivery guaranteed anywhere in U.S.

"Our New Guide to Rose Culture" Sent Free on Request for 1926

will help you in planning your garden. Completely illustrated. Describes over 500 varieties of roses, plants, bulbs and seeds and tells how to grow them. It gives you the lifetime study and experience of the oldest and leading rose growers in America for 76 years. Contains practical information for the amateur. Limited edition. 70 greenhouses. Established 1850.

THE DINGEE & CONARD COMPANY



Send for your copy of our catalog now-before planting time

These 6 superb Dahlias \$5

Mrs. I. De Ver Warner Ballet Girl Ballet Girl Cigarette Gladys Sherwood Kalif Mrs. C. Salbach

N EXT fall you can have a wonderful dahlia garden, filled with glorious blooms. Start planning it now. Let us send you our 1026 catalog, listing the most varieties and the largest stocks we have ever offered. We are among the largest growers in the world, and our stocks are larger and better this year than ever before. You are assured of superior values because of our enormous volume, and our careful propagation. Send for your catalog now!

Indiana Dahlia Farm Box 14 New Albany, Indiana



IN BULK

For sale at your nearest Dealer.

Have a better garden this year by planting LEON-ARD'S BULK GARDEN SEEDS, the kind that have been used for over forty years by the most critical Market Gardeners.

Look for the Leonard Label at your dealers and insist on having only LEONARD'S SEEDS. If he cannot supply you, write us direct, sending dealer's name.

If you are a Tomato enthusiast try Leonard's Red Head.

"More profit and pleasure from a Garden planted with LEONARD SEEDS.'

LEONARD SEED CO. Wholesale Seed Growers

333-355 W. 35th St. Chicago

DAHLIAS

Gladioli & Cannas \$15 Value of Dahlias for \$10.00

One each of Attraction, Ballet Girl, Bianca, Break O'Day, Dr. Tevis, Delice, George Walters, Insulinde, Jane Selby, Kalif, Kiwanis, La Favorita, Madonna, Mrs. Edna Spencer, Mrs. Leo Niessen, Mrs. Warnaar, Pierrot. Pride of California, and Wm. F. Gude.

\$7.00 Value of Gladioli for \$5.00

Two dozen America, and one dozen each of Mrs. Frank Pendleton, Schwaben, Wilbrink, Halley, Glory of Kennermerland, Mrs. Dr. Norton and Peace.

\$7.50 Value of Cannas for 5.00

Three dozen of either King Humbert, Mrs. Alfred Conard, The President or Yellow King Humbert.

Many other varieties of each. Send for list.

Altha Hall Gardens W. S. BENEDICT, Prop.

Box 22 Rosslyn, Va.



Save Labor and Build Finer Lawns



Ideal Power Lawn Mowers



ROSE BUSHES

Two and three-year old, \$3.95 per doz.; \$27.00 per 100. Postpaid Insured Delivery.

Silver Columbia, Templar, Commonwealth, Ophelia, Mrs. Calvin Coolidge, Columbia, Madam Butterfly, Premier, Crusader, Double White Killarney, America, Annie Laurie. Bloom from these bushes won first prize at the International Flower Show, New York City, four years in succession, 1922, 1923, 1924, 1925.

Hardy Chrysanthemum Plants, all colors, \$1.25 per doz.; \$10.00 per 100. Postpaid Insured Delivery.

Lily-of-the-Valley the sweetest flower that grows, two-year old pips, 25 for \$1.00; 100 for \$3.00. Postpaid Insured Delivery.

Order now for planting time, circular on request HONORABLE TREATMENT GUARANTEED

REYNOLDS FARMS, So. Norwalk, Conn.



Our Type B, large area, Portable Sprinkler. It waters up to 14 acre with one setting.





Ask for this booklet "Rain". It tells you how you can be sure to have the kind of lawn and garden that you have always wanted. It's free. Send for your copy today.

HILL'S EVERGREENS

Tropical Lawn Flowers and Garden from Early Spring to Late Fall

Use the Skinner Irrigation System for garden and lawn and you'll eliminate the ravages of hot, dry weather. You'll minimize the dangers of an early frost. And through all the season, from early Spring to late Fall, your home surroundings will present the continued freshness, the luxuriant growth, and the rich beauty usually associated with tropical climes.

For with the Skinner Irrigation System, you have water in copious quantities wherever and whenever you want it. It irrigates large areas quickly and uniformly, yet its misty spray is adapted to the tenderest plants and flowers.

It is so easy to install and so low in price that no home ground, whether large or small, need be deprived of the benefits it gives. We'd like to tell you what it would do for you and your home surroundings.

SKINNER IRRIGATION COMPANY Water Street Troy, Ohio

Choose Evergreens Wisely
Our 1926 catalog contains many new
and beautiful illustrations—25 of
them in full color. The descriptions

them in full color. The descriptions are complete and authentic. It gives information regarding color, shape, size and best uses of the different varieties. Living green all the year 'round, blending with every season's hues.

HILL'S EVERGREENS

Add beauty and charm to any home. Write for catalog today. Send 25 cents in stamps or coin, which will be refunded on your order.

THE D. HILL NURSERY CO.
301 Cedar Street Dundee, Illinois
Evergreen Specialists—Largest Growers in America.



202

Cottage

Gardens

Lansing, Michigan

Hardy Plant Specialists

The rugged cli-

mate of Michigan

COTTAGE

GARDENS

Perennials with

that sturdiness

that ensures satis-

faction wherever

embodies

they go.

The



The "GARDEN CLUB" Gold Medal -one of our most prized awards for

Gold Medal DAHLIAS

Winners in all states where shown, 1925

Altogether four gold medals were awarded to "F. & M." Dahlias in 1925 making a grand total for two years of over one hundred medals, cups and other prizes.

Our remarkable success is largely due to the extraordinary size and exquisite beauty of our own novelties, foremost of which are:

"MARGARET WOODROW WILSON"
"TRENTONIAN"

"ROMAN EAGLE"

"MARGARET MASSON"
"SANHICAN'S GEM"

Complete descriptions of these beautiful and most decorative of all Autumn flowers are given in our new Dahlia catalog, a book that all Dahlia lovers should have. Please write for it today.

FISHER & MASSON

Sanhican Gardens (Box H) Trenton, N. J.

FOR THE GARDENER'S SCRAP BOOK

the cutting bar (the solid knife across which the blade reel revolves) is spread a good coarse grinding compound such as the automobile repair man uses for grinding in valves. When a liberal coating of this covers the edge of the bar, tighten the adjusting bolts so that the reel turns rather stiffly, and push the machine around for a while with the knives turning in the reverse of their usual direction.

If the supply of grinding paste is replenished often on the cutting bar, and the adjustment is tightened occasionally as the sharpening progresses, some fifteen minutes of pushing should result in a mower that cuts like a new one. When you find that the blade edges are again in the right condition, change the gears back to their normal positions, clean off all traces of paste, oil the machine, and attack the lawn with a confidence that the results will amply justify.

THE NEXT TIME YOU SAY "GLADIOLUS"

Those who for some years past have hesitated over the pronunciation of the word Gladiolus need doubt no longer. The matter was settled officially—and we hope finally—by the American Gladiolus Society at a meeting not so long ago. By a large majority it was voted to stress the third instead of the second syllable of the name, making the correct pronunciation Gladi-ó-lus. Thus, even in this age of iconoclasm and forgetfulness of many things old-fashioned, a flower comes back into its own. Grandmother will now have her chance to do a little chuckling in justification of the good old days if she catches us saying "Glad-í-olus" by mistake.

1926 Annual Free upon Request



Invite The Wrens to make their home with you this year

LINCOLN LOG WREN HOUSE

Made from real LINCOLN LOGS in accord with U.S. Govt. standards. Shipped "knocked down"—easily assembled in a few minutes—NO NAILS—the improved construction enables anyone to bolt the house together "in a jiffy". Time to put them up now.

Price \$150 DELIVERED 4 for \$5.00

MAIL THIS COUPON NOW

JOHN LLOYD WRIGHT, Inc.
Room 191, 234 E. Erie St., Chicago, III.
Enclosed is \$. . . for . . . IMPROVED
LINCOLN WREN HOUSES with the understanding that money will be refunded
if not satisfactory.

Name

Address or R. F. D.

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Estate and Garden Supplies

GALLOWAY POTTERY

For Garden and Decorative Use.

FENCES

English Paddock; Wire; French Woven Wood.

THATCH ROOFS

ROBINSON FLAGSTONES.

GARDEN FURNITURE Stone; Terra Cotta; Wood.

> OLD ENGLISH BOXWOOD

TELEPHONE MURRAY HILL 1435

WATERER'S SEEDS

SINCE 1892 we have been one of the largest distributors of high-class Flower and Vegetable Seeds. Our Seeds are selected from only the finest of stocks in this country as well as abroad.

Our new 1926 Catalog is a great improvement over that of previous years, as to variety of seeds, descriptions, cultural directions, etc.

We shall be pleased to send you one FREE upon application. It contains several good collections of Vegetable Seeds, selected to fulfill the requirements of the home gardener.

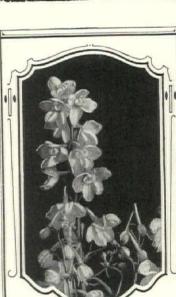
SPECIAL ZINNIA COLLECTION

Giant flowering, composed of 10 separate colors of rare beauty and exceptional size,

POSTPAID

HOSEA WATERER 714 CHESTNUT ST., PHILA., PA. Established 1892





DELPHINIUM

CONNOISSEURS, and lovers of this queenly flower, are again given the opportunity to order true, hardy San Rae roots for Spring planting. Only the very thriftiest of specimens sent due to double inspection of each root. The supply being limited, flower enthusiasts are urged to order promptly.

\$5.00 A DOZEN

Descriptive Literature on entire line of popular flowers sent upon request

GARDENS DAYTON, OHIO



Cut Flowers Stay Fresh

Here is a way to keep cut flowers fresh much longer than usual. Drop one Fertilis Tablet into each quart of water used. Clip the stems and change the water (using fresh tablets) each day. The length of time your flowers will stay fresh will please

FERTILIS

A complete plant food— not merely a stimulant. Convenient form. Odor-less. All the elements needed for plant growth. Use Fertilis Tablets for potted plants, flower and vege-table gardens, for rose bushes and shrubs.

A box of 100 tablets for 25c at any store. Complete directions enclosed. Buy a box of Fertilis Tablets today.

ENATIONAL AGRICULTURAL CORPORATION

Dept. H. 126 State Street, Boston, Mass.



Gardens and Lawns Thrivewhen Properly Fed!

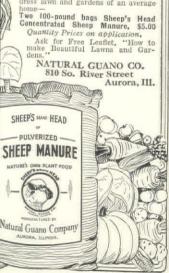
Plants, trees, lawns, bushes, flowers, vegetables, thrive—when they are at the proper time with proper food Sheep's Head Brand

Pulverized Sheep Manure

contains all the natural vital elements of a complete fertilizing agent, including nitrogen, phosphoric acid, potash and—HUMUSI 100% pure—not adulterated with garbage, tankago, straw or any other 'dead' material.

Sterlized of weed seeds.
Distributed in neat containers, 2, 5, 10, 25, 50, 100-1b.

If your dealer does not handle, order direct, trial quantity sufficient to dress laws and gardens of an average home—





Our "Suggestions for Spring of 1926" will be found of interest.

This 24-page folder describes some interesting items from the large variety growing in our nurseries. Send for your copy today. A request will bring it to you at



The Bay State Nurseries North Abington, Mass.

New Rust-Resistant Washington Asparagus

Washington Asparagus leads all others in quality and size. We specialize in this variety. If you plant Washington this spring you can cut asparagus next season. 2-year transplants, 25 for \$1, 100 for \$3, postpaid. 1000 by express \$10. 3-year transplants, 25 for \$1, 1000 by express \$10. 25 for \$1.25, 100 for \$4 postpaid. 1000 by express \$20. 250 or more at the 1000 rate

Japanese Barberry

Extra fine for hedges. 2-year, 12 to 18 inches, branched, \$2.25 per doz. postpaid. By express 25 for \$4, 100 for \$15.

Ransom's Seed and Nursery Annual

A practical, sensible seed and nursery catalogue. It will help you to a successful 1926 garden. Send for a copy today.

Ransom Seed & Nursery Co., Box 4, Geneva, Ohio

3 Grand Vegetables for Your Home Garden

Strains of our own selection that can be depended upon to grow true to type. Assure the success of your garden by planting

"GREGORY'S HONEST SEEDS"

Gregory's Salad Lettuce

Can be relied upon to make solld heads where others fail. Has a rich golden heart, crisp as fee, very tender and delicious. Pkt.. 10¢; 0z., 20¢; ½ lb., 65¢.

Hutchinson Carret

A bountiful-yielding Carrot of high table quality. Holds its fullness with very little tapering. A rich orange color; delicious flavor. Pkt., 10¢: ½ 0z., 25¢; 0z., 40¢; ¾ 1b., \$1.25.

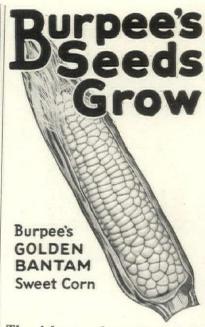
Improved Hollow-Crown Parsnip
Long roots; clear smooth skin. A prize winner wherever shown. Out-yields all other strains. Plant a row along the edge of your garden. Pkt., 10¢; oz., 20¢; ¾ lb., 50¢.

Order direct from this advertisement. All packages postpaid at these prices.

Our 1926 Catalog mailed free. Write today.

J. J. H. GREGORY & SON Inc. 60 Elm St. Marblehead, Mass.

GREGORY'S HONEST SEE



The richest and sweetest of all sweet corn, with a distinctive, buttery flavor; an especially handy size to eat from the cob, with deep, exceptionally meaty kernels. An early variety that will give you plenty of fine tasty corn on the cob. Burpee's "Golden Bantam" is universally conceded to be the most popular sweet corn in America.

BURPEE'S ANNUAL

will be mailed you FREE on request. It is a book of 224 pages, packed with pictures and information of interest to garden lovers . . . the most popular publication of the kind in the world.

Write for Burpee's Annual and Free Sample of Seeds

To each person sending us this month the coupon below, we will include with the book an order blank good for a choice of any regular 10c packet, as a free sample.



W. Atlee Burpee Co. Seed Growers Philadelphia

Send me Burpee's Annual with Order Sheet, good for a free roc packet of Burpee's Seeds.

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HARDY FERNS



Foundation Planting

Our special "House and Garden Collection" 6 Ostrich Plume, 4 Sensitive, 4 Osmunda and 6 Lady Ferns. 5 year old dormant clumps, by Parcel Post prepaid for \$5.00. Or one half collection for \$3.00. Guaranteed to grow.

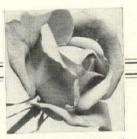
Wild and Hardy Perennial Flowers in 200 varieties.

Moccasin or Lady Slipper. Yellow 5 buds for \$1.50. Showy, pink and white, 5 buds for \$2.00.

Jack in the Pulpit, Blazing Star, Bloodroot, Bluebell, Snakeroot, Lily of the Valley, Delphiniums—Glorious English Hybrids, Gentian-Closed, Phlox Divari-Hybrids, Gentian-Closed, Phlox Divaricata, Bird's Foot Violet. Any of the above varieties 3 for 75c, 3 of each 10 varieties for \$6.00 prepaid. 10 Hepatica Triloba prepaid for \$1.50. 100 Wood Lily (Trillium) for \$6.00. 10 for \$1.00 prepaid. Illustrated descriptive Catalog mailed free

Ferndale Nursery

Askov



The Newer Shades in Roses

Such as Coral, Old Gold, Saffron Yellow, Terra Cotta and Oriental Red are obtained by planting Pernetiana Roses, and these roses are only a success when budded upon Rosamine Stock. This distinction is quite noticeable in the rose Los Angeles which proves a failure when budded upon any other stock.

upon any other stock.

We submit, therefore, that this discrimination is a great advance and a most important factor in producing the popular colors so much in demand at the present day, and up to the present has not been appreciated by the rose growing public. Our Hybrid Tea and Perpetual Rose are budded upon Multiflora and Manetti Stock.

Hardness of wood is essential, as soft wooded roses die back badly when set out. Our plants have well ripened wood. Nowhere can you buy stronger plants.

May We Send You Our Catalogue?

It is different, as we do not pass along the description of the Hybrid-ists as the roses grow in Europe but as they grow in our Nursery, always stating defects as well as

Robert Evans Hughes Rose Specialist

WILLIAMSVILLE, N. Y.

Near Buffalo

Wohlert's flowering Trees Chinese Flowering Crab Japanese Roseflowering Cherry, etcetera America's Finest Collection

EARLY in the spring these Oriental trees burst into glorious bloom; a riot of delicate color converts lawns, groups of shrubbery and gardens into veritable Paradises. Order these Oriental Flowering Crabs from America's Finest Collection.

	\$50 Assortment Trees 4 to 5 feet high Crab Sargenti, dwarf, white, red fruir . \$5.00 Crab Baccata, single, white, fragrant . 4.00 Crab Floribunda, sgl. pink, early . 3.50 Crab Atroaldiania, semi-dbl. pink . 3.50 Crab Atrosanguinea, single red . 5.00 Crab Dechrels, dbl. pink, fragrant . 6.00 Crab Niedswerzkyana, purple fl. & fol 4.00 Crab Niedswerzkyana, purple fl. & 6.00 Lap. Rosefl. Cherry, Kofugen, dbl. red . 6.00 Lap. Rosefl. Cherry, Naden, dbl. pink Special for March, 50.00 \$54.00	1 Grab Arnoldiana, semi-dbl. pink 1 Grab Baccata, sgl. white, fragrant 2 Cod 1 Grab Bechtell, dbl. pink, fragrant 4 00 1 Grab Scheideckeri, dbl. pink 1 Grab Sargenti, dwf. white, red fruit 2 00 1 Grab Ioensis, sgl. pink, fragrant 2 00 1 Grab Floribunda, sgl. pink, early 2 1 Japanese Weeping Cherry, sgl. pink 4 00
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\$15 Assortment [Trees 2 to 3]

1 Crab Niedswetzkyana, prpl. fol. and fls \$2.00
1 Crab Atrosanguinea Ming Shing, sgi. red 2.00
1 Crab Parkmani, semi-double, pink, dwf. 3.00
1 Crab Prunifolia Rinki, Chinese Apple 1.50
1 Crab Scheideckeri, dbl. pink 2.00
1 Crab Eleyi, purple to red—new 2.50
1 Crab Ioensis, sgl. pink, fragrant 2.00 \$15.00 \$21.50 \$21.50

Trees may be ordered singly or in any combinations at above prices. If larger trees are wanted, send for catalog of every variety of Oriental flowering trees obtainable in America.

A. E. WOHLERT . "The Garden Nurseries"
221 Montgomery Avenue, Narberth, Montgomery Co., Penna.

4 STALKS TO THE POUND

GIANT WASHINGTON ASPARAGUS

THE GARDENER'S DELIGHT

Noted for its unexcelled flavor, beautiful verdant foliage, 9 to 11 ft. tall, and enormous size of its stalks. These stalks are rich green with a delicate purple overtone; ranging from 1 to 2 inches thick and often weighing a quarter pound apiece.

Enjoy It Next Spring

You can have Giant Washington Asparagus on your table next year if you plant our Giant Roots this Spring.

A delicious, healthful food, and beautiful foliage to form an effective background for your garden.

50 Giant Roots \$5

25 Giant Roots \$3

Mailed prepaid to any address. Complete cultural directions included. Larger quantities priced on application

50 roots will plant three rows, each 50 feet long, and furnish a generous supply for the average family of four or five persons.

Each root specially selected for the Garden Trade. Rust-Resistant, easily grown and sure to live. Interesting booklet sent free upon request.

Order direct from this advertisement

RIVERVIEW FARMS Box 2601-M Bridgeton, New Jersey

All Waterlilies are not White

Hues of yellow, rose and azure bedeck day-blooming sorts; even those that float mysteriously in the glimmer of moonlight on the pool are delicately tinted.

Our Hardy Quality Trio for \$6

James Brydon, red; Rose Arey, pink; Gladstone, white. These three plants for \$6 will start a water garden and show you how lovely Waterlilies are.

Our 1926 Waterlily Catalogue describes many kinds, and tells how easy it is to grow them. A large pond is not necessary. Send today for a free copy.





More Beautiful Lawns at Lower Labor Cost

One man cuts more grass in a day with a Red-E Power Lawn Mower than two men average with hand mowers. A sturdy little gasoline engine operates the 20-inch cutting reel and provides tractive The operator simply power. guides the machine and manipulates the simple, convenient controls. He doesn't try to do as little as he can when an engine does all the hard work-and sets a fast pace!

Your lawn deserves this most advanced cutting equipment. Write for descriptive literature

RED-E MFG. COMPANY 320 Davidson St. , Milwaukee, Wis.





he Standard Insecticide-Harmless-Easy to Use

SURE DEATH TO ALL INSECTS and BUGS

RECOGNIZED as the best insectievergreens, vegetables, etc. For years it has been used by the most exacting florists and estate superintendents. Absolutely harmless and clean, both for indoor plants as well as outdoor

Recommended by the officers of the Garden Club of America.



FREI

Write for a copy Wilson's Spray Cale (gives you correct m in which to spray different plants).

WILSON'S WEED-KILL

Don't hoe . . . just sprinkle with Wilson's W Killer. One application a season is sufficien



SPRINGFIELD

NEW JERS

Floral Novelties for 1926

A few of the good things we introduced:

VIOLA "JERSEY GEM."

The perennial Garden Violet; blooming continuously from May until frost.

HARDY CARNATION "ANNIE LAURIE."

The finest hardy plant in years; cannot be surpassed in the garden.

ROSE "CLAUDIUS PERNET."

The clearest yellow Rose and only one of the many fine kinds we introduced in our twenty years of Novelty Introduc-

DELPHINIUMS: HARDY CHRYSANTHEMUMS: RARE PERENNIALS.

Our catalogue mailed on request!

Totty's Madison, New Jersey

Getting the Work Done with the Least Possible Effort!



The BOLENS Garden Tractor is made for those who want to do their gardening and lawn mowing the easy way. Here is a light power unit with instant hitch implements for weeding, cultivating and lawn mowing. A gasoline motor sup-plies the energy. All it needs is a guiding hand.

Where the work is done by employees, BOLENS soon pays for itself by the labor it saves. Those who prefer to do their own gardening will find in this power implement a marrial was assistant. What ment a marvelous assistant. once was tedious work becomes pleasant recreation. The necessary

labors are quickly and easily completed and you'll find many added hours of leisure in which to enjoy the beauties of your outdoor home.

All attachments are instantly interchangeable.

We'll gladly mail you our com-plete catalog—please ask for it.

Gilson Mfg. Co. 512 Park Street Port Washington Wisconsin

BOLENS will be on display at the International Flower Show, Grand Central Palace, New York, (March 15th).



Delphinium

Special Offer-12 Healthy Full-O-Pep Plants for \$1.38 Regular Catalog Price \$2.39

This fine assortment of Delphinium includes:

- 4 Belladonna—a clear turquoise blue, blooming continually from the last of June until frost.
- 4 Bellamosum—dark blue flowers similar to Belladonna, but a darker blue.

 4 Gold Medal Hybrid—assorted colors. A hearty, vigorous flower, nearly two feet tall and large blue petals with shading of pink, lavender and flesh.

Jim Young has grown Delphiniums for twenty-five years and there is nothing finer grown in America. The plants you will receive were grown in seed beds, then transferred to the open field in 1925. These have well-balanced roots and stems. They have grown for us and they will grow for you.
The colors run true to name. The plants will be shipped at proper planting time. Our production of Delphinium Plants alone is 100,000 yearly. The Plants are worth the price listed in the Catalog, but to acquaint you with Jim Young's old-fashioned flowers we offer to the readers of this magazine these special 12 Delphinium Plants. You will have blooms this summer. Jim Young's old-tashioned howers we offer to the readers of this magazine these special 12 Delphin-ium Plants. You will have blooms this summer. You must have Jim Young's new illustrated catalog, featuring choice shrubs, plants and garden seeds. It is free upon request. His Full-O-Pep seeds and plants are thrifty growers. They have pleased thousands of people.

Our Guarantee -

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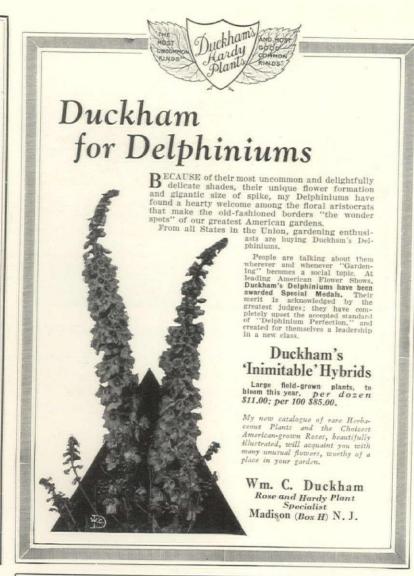
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Lilac-purple Canary-yellow Carmine-rose yellow lip

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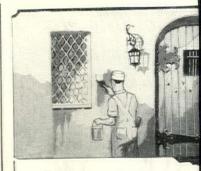
Painted white, sturdily built of selected, durable lumber, this Unadilla furniture comes all ready to set up. Any piece adds value to your property.

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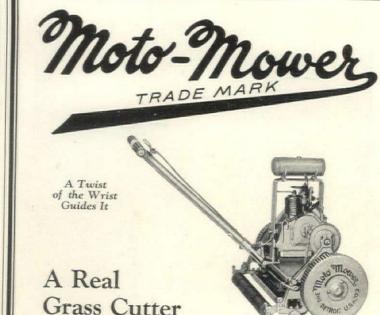
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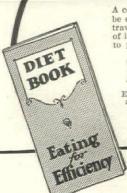
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