## HOUSE © GARDEN




## Here is Perfected,Cleanly Heating <br> PRODUCED by cooperation among the engineers in our 30 facto-

 ries 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!,-Aere 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,IDEALBoilers 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 an be transformed into 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 <br> 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

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

HERE 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 rily 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 Bishopric.

## SEND FOR FREE BOOK

Our beautiful new booklet, "The Re, naissance 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 G.
new varkerv ${ }^{203}$ ESTE AVE CINCINNATI. OHIO otrawn cannoa The BISHOPRIC MFG. CO. OF CALIFORNLA

## 3ISHOPRIC BISHOPRIC STUCCO

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 homeowners throughout the world

## THE ROLL

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

SEE HOW IT LOCKS THE STUCCO

Bishopric Base is first nailed securely to the studding of the building-a Bishopric nail to every wood strip at every
Bishopric Stucco is first dry-mixed. Then nothing is added but clear water. mortar and is easily laid on because it works so smoothly. Plasterers everywhere enjoy putting on BishopricStucco because of its unexcelled smoothness and uniformity.
The mortar goes over and in between the wood strips and locks into an inNol.
Note how the wood strips of Bishopric Base are embedded in a tough layer o ground. This forms an asphalt curtain which effectively shuts out moisture heat, cold and vermin


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[^0]Address.

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## OLD-TIME SPAIN DOMINATES THE ROOM!

## The "SEVILLE" Dining-Room Group


 color © Antique Walnut © these create the atmosphere of the Spanish Renaissance surrounding the Seville dining-room suite. $\sigma f_{\text {mpressive }}$ 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.
-T "The Seville" is pictured with many other Kittinger
(1) Dining suites in the brochure "ODining Rooms of

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The $\mathscr{P}$ urchase of Kittinger Furniture may bearranged thru your own $\mathcal{D e a l e r}$ or Decorator.

Fine Furniture for the $\mathfrak{F}$ all, £iving ©oom, Dining Room and Executive Office.


The wearing qualities of Preston Shingles depend not only on the qual ity but on the quantity of asphal which each shingle contains. If you examine the edge of a Preston Shingle, you will notice that it is practicall a solid body of a sphalt. This featur 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 unpretentiousinto 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
are made in three thicknesses, Standard, Extra Heavy and Massive. The Massive is much thicker than any other slate-coated asphalt shingle on the market. This thickness not only adds to the life but also to the appearance of a Preston Roof. It produces the distinct shadow line that architects insist upon. In addition to the Sunset blend, Preston Shingles are made in three solid colors, red, blue-black and green.

We shall be glad to give you the name of a dealer or contractor who can supply you with Preston Shingles.


Design No. 401. Bungalow of seven rooms
and bath Faced with $n$ reneer of Indiana
Iimestone having rourh rock finish. A folder
showing floor plans will be sent upon request.

021F 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.
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Box 782, Bedford, Indiana



IN QUEST OF THE SECRETS OF THE GREAT

J
ANET leaned earnestly toward Reta, who was a picture of contented 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. "W hat 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 tha have private dealings with the Moscow Reds."
"Don't be cross, old dear, I still feel that those girls wer last night, the way they dashed around seeking introductions when I saw her Ladyship this morning with those marvelous H 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."


# Pedemode Shoes for Women 



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[^1]

I NTEERIOR D E C C O R A T I O N S
by

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 bome recently decorated by Macy's Staff of Interior Decorators.


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

## The $\mathbb{N e w} \mathbb{V I C I}$ Colovirs

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.
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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.
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for those who choose shoes as the dee colour-note in a beige-brown ensem Vici Cochin is even darker - a true s! colour.
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The Lucky Horseshoe - The only wa 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.

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## 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.


, 20 Man

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.

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## Antique and Golden Anaconda Bronze Wire



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 oldfashioned methods. That means 30 c to $50 c$ 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

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.

MAIL THIS COUPON


## This ink test proves that DUROCK cannot be stained

COMMON writing ink will stain some lavatory-ware so that even scouring will not remove the stain until the surface of the ware is worn down to the depth of the discoloration. In this test a Maddock Durock Lavatory was filled with ink and left overnight. Next day the ink was drained off and the wash basin wiped out with a damp cloth, when the ware reappeared as spotlessly and purely white as before.

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.
If ink, iodine, or acid is accidentally spilled on a Maddock Lavatory there is no damage done whatever. You can clean a fountain pen in the wash basin and there will be no discoloration.

[^2]A damp cloth will always wipe the surface spotless and glistening as new. Maddock Lavatories never grow old and dingy, grey, or brown.
Durock is not a coated ware;
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.

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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.
trolling devices that permit a range hree 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 a 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 vari2 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 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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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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plain colors, tile effects and decorative patterns, for kitchens, bathrooms, etc.

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Wall coverings today are not merely what they were decades ago. Some people were not satisfied with the necessity of re-decorating year by year. They wanted clean walls that could be kept clean; wall coverings that would not crack and peel from changing temperatures; a material that, besides being merely beautiful, also would protect the
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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. There 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.

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Our highest wish, if you do not yet know and enjoy Camel quality, is that you may try
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Production on this stupendous scale makes possible the astound－ ing low prices announced January 7th．

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Woodwork That is no longer necessary. Today builders of homes of all sizes can have beautiful wood-



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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 Case-
ments in artistic homes will be mailed on request.



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Designed for Service Department, American Face Brick Association

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THERE 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.

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Numerous beautiful color plates of distinctive tile-roofed residences are contained in thiselaborate brochure, "The Roof." It may give you many helpful ideas for that home you plan to build. Sent for 25 C in coin or stamps tocover postage and handling. Address Ludowici-Celadon Co., Room II30, 104 South Michigan Avenue, Chicago,

GIVE that new home you are planning to build the one roof T which lasts forever without repairs. Give it the perpetual protection, the enduring color and the air of distinction which tiles alone can impart.
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The best medicine advises Dr. Wm. S. Walsh

## S L E E P

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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

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LOOR should be two things in a modern home. a thing of beauty in itself, of a carefully thought-out me of room decoration. ad,abackground forbeautirnishings, such as rugs, ture, hangings, - harmonall, and giving dignity and ity to the whole.
Inherent beauty
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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, andeconomy of Bruceoak floors.

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

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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.
asperating 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

## - soaking test as origin.

 rof. Bror L. Grondal, tt Laminex is unaffectture. Under this seni, repeated in all parts ry, 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.

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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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Laminex constrution stops beautiful French doors from warping and *winding. Thus Laminex makes it possible to install these "sun windows" in millions of homes.
*Winding: Manner in which doors frequently curl when affected by moisture; a form of warping; twisting.

[^4]
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Hepplewifte Inlaid Mahogany Sideboard and Chatrs, with Double Pedestal Table, by Kensington

THE grace and dignity of three hours without discomfort in English life of the late 18 th the delightfully shaped chairs, Century, so charmingly depicted by Dendy Sadler, were vividly expressed especially in the furniture of the period, of which our illustration is characteristic.

One can easily imagine the jovial squire and his guests lingering over the nuts and wine about this charming table, sitting their
with decanters and plate hospitably displayed on the graceful sideboard.

Fidelity in design and the old-time hand processes of the Kensington craftsmen retain in Kensington reproductions all of the charm and the character of old work.

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THAT finishing touch of classic elegance so appreciated by women of faultless taste is now yours in these Wurlitzer Period Grands. They are offered in fifteen authentic designs to harmonize with correct period settings. Each, a masterpiece-each a rich instrument of permanent tonal loveliness. And they may be bought so conveniently under our monthly plan and at such interesting prices- $\$ 850$ and up. Obtainable either with or without the Apollo reproducing player.

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New York, 120 W. 42ndSt.- Buffalo, 674 MainSt. • Cleveland, 1017 Euclid Ave. - Chicaco, 329 S. Wabash Ave, ${ }_{\text {Philadelphia, }} 1031$ Chestnut Street. Cincinnati, 121 E. Fourth Street. ${ }^{\circ}$. St. Louis, 1006 Olive Street WURLTIZER ENGLISH DESIGN Illustrated Above

## FLORIDA HOMES

## at Coral Gables




#### Abstract

At the end of a day, when you turn homeward, do you grow eager for the first glimpse of your own home? Does it offer you peace and beauty? Does it decorate your life with color, enrich it with pleasure and delight? . . . It should. And in Coral Gables, it does!


For Coral Gables is definitely and carefully planned for those who want the best that life has to offer, not only in their homes, but in their mental and social existence. Who want a home that will gather new grace and beauty each year, and that will increase not only in interest and charm, but in actual value.

## A City Plan Under WhicheAll <br> Property Values Are Advancing

Under the plan that controls every aspect of Coral Gables, a garage becomes a thing of beauty and dignity. A warehouse acquires the subtle proportions of a Spanish villa. A business block reflects good taste and a real regard for decoration in every least detail. And the homes! . . . more than a thousand already built. And another thousand now planned. Each combining with its neighbors to create the most beautiful city that was ever designed. Each delightfully placed among enchanting gardens in a city that is a brilliant tropical garden in itself.
For this is the only tropical section in America. And the red-tiled Spanish homes fit perfectly into their backgrounds of palm and hibiscus, of poinciana and palmetto. No other type of architecture is permissible. No one can buy property next to you and erect a Victorian horror or a wooden chateau. Devaluation of property through undesirable building is made impossible.

## Take Advantage of the Tremendous Upward Surge in Values

No matter whether you buy one plot or a dozen, no matter whether you build a $\$ 10,000$ home or a magnificent estate, you cannot escape your share in the prosperity that is so rapidly transforming Miami.

Permanence, security, rising values-these are the logical results of a city plan that includes the new Miami-Biltmore Hotel, a $\$ 15,000,000$ university and innumerable other projects on which more than fifty millions of dollars have already been spent. And yet Coral Gables is only beginning! Can you wonder that any piece of property inside its limits is considered a sound investment? Can you wonder that those who are investing in the future of Miami and its environs are even now reaping rich rewards?

## The Coupon Brings You Rex Beach's Dramatic Story - Free

Rex Beach has written a book about the miracle of Coral Gables. Send for it. Better still, come and see for yourself. Let us tell you about the special trains and steamships that we run at frequent intervals to Coral Gables. If you should take one of these trips, and should buy property at Coral Gables, the cost of your transportation will be refunded upon your return. Sign and mail the coupon-now.

## Your Opportunity



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. Twent per cent is required in cash, the balano 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 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 h miles of white-way lighting and 50 m intersectional street lighting. It has miles of beach frontage. Two golf co are now completed, two more are bui A theatre, two country clubs, a mi academy, public schools, and the C for Young Women of the Sisters of Joseph are now in actual use. More tha thousand homeshave already beenere another thousand now under constru 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 of property has been bought in Coral G:
Mr. John McEntee Bowman is now ing the ten-million-dollar hotel, country and bathing casino in Coral Gables known as the Miami-Biltmore Group. Miami-Biltmore Hotel was opene January, 1926. Coral Gables will also co these buildings and improvements, a which will be completed within a few y
The $\$ 15,000,000$ University of M which will be the most beautiful and plete institution in the entire South $\$ 500,000$ Mahi Temple of the Mystic Sh a $\$ 1,000,000$ University High Scho $\$ 150,000$ Railway Station, a Stadiu Conservatory of Music, magnificent entrances and plazas, public buildings, other remarkable projects.



Motor cars come and go. But only once in a blue moon comes a car so solidly built and backed that a blasé and skeptical public will accept it instantly and without question as something decidedly newer and finer and worthier in motor car design and performance. This newest Paige is such a car. And because in the great new Paige factories . . . . acclaimed by foremost engineers finest in all the industry . . . . five cars can be built where only one was built before, Paige has set a price upon this newest car many hundreds of dollars lower than that of any former Paige.

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## This home never fears

e is six better: strength; weight; eakage; sulation; without $g$ the core

HEIR home was built within the budget, comfortable, cozy, ample for immediate needs, om to spare for the occasional Then with the years the family nd the guest room became the hildren's bedroom. Father's is converted into a playroom; s sewing alcove housed the crib. When relatives or friends arrived to spenc t , the couch was pressed vice for family use, and dren doubled up. Privacy was time abandoned; occasionally ras embarrassment.

## Add extra rooms

rs the old attic, uncomfortable ner 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 walland found that atslightexpense, without muss, the attic could be ed into a delightfully attractive oom or two, just the space to relieve the situation.
$y$ and quickly installed
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be installed, nailed to studs and rafters, with joints fitting perfectly into one continuous wall. The attic was at once remodeled, and they scarcely knew the work was being done.

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Your home need never fear the unexpected guest. Change the attic today into the extra rooms you need. Con-
vert the interesting ceiling slopes and wall angles that every garret has, into cozy room surfaces, and still leave space for storage near the eaves. Paint, paper, panel, or rough-texture the continuous surface of Gypsolite-any decorative finish is possible,

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Don't confuse Gypsolite with wallboards of wood or fibre. This gypsum wallboard makes a rigid wall of rock, fire-resisting, of great strength yet very light in weight. It will not warp, crack, nor shrink.

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Your local dealer will show you a wide Gypsolite wallboard, all ready to nail, and explain how easily it saws to fit around doors, windows, and fittings. He will gladly quote costs, without obligation. See him today. Write us for illustrated literature.


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New York

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.


IN 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.


INN 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.


However attractive home surroundings may be, rearranging and adding perhaps a few pieces will give freshness and interest to one's home. Rbdecorating may readily be planned by correspondence. Illustrated Brochure sent on request
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ICH AND Fisher, INC. 411 Fifth Ave., Near 37 hit St.

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.


$A^{s}$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-in-tolerably-on a house still wearing last winter's raiment.

Write to, or come to see

## Felicia

 Adams
to baut out sh. Naw Yore ciry -
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DOES YOUR DOG "DANCE?"

By ROBERT S. LEMMON

Specific questions on dog subjects will gladly be answered by The Dog Mart of House \& Garden. We do not sell dogs or issue any price list, but are always ready to suggest reliable kennels where purchases may be made.

T"HE dog that has learned to "sit up" or "beg" usually 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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he same sense of unchanging inuity is given us by the novelsection. For years we have ned that section for a novelty. none or few have appeared. The picotee Zinnias, the same creCosmos, the same Antirrhinums, offered year after year as novelWe have been growing them fully for a decade now, we and old gentleman in the derby hat. erhaps we can blame both of on Quarantine 37. That enrent has many sins on its con-

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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.
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## Volume XLIX

## Number Three

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WYCH HOUSE, ALDWYCH, LONDON, w. C. 2. PHILIPPE ORTIZ, 2, RUE EDOUARD VII, PARIS. SUBSCRIPTION, $\$ 3.50$ a year in the united states, colONIES, CANADA AND MEXICO; $\$ 4.50$ in FOREIGN COUNTRIES. SINGLE COPIES 35 CENTS. ENTERED AS SECOND CLASS MATTER AT THE POST OFFICE AT GREENWICH, CONN., UNDER THE ACT OF MARCH 3, 1879. PRINTED iN THE C. . S. A. BY THE CONDÉ NAST PRESS.


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

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 \& 8 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 sub. For example, people ask "Are pictures going " An eminent art critic answers it. Others ader about walls painted to simulate wood eling, and Miss Nancy McClelland answers Still others have heard of decorative painted ss, and here it is shown in diverse uses. And it goes on-combining fabrics in a room, niture of Provence, a city apartment furnished decorated especially for House \& Garden one of New York's smartest decorators, le Portfolio of Good Interiors. Each turn of page brings a new inspiration and a new set fresh suggestions for those who would have $r$ homes in good taste.
The gardeners among our readers find a Wisa Room-a terrace of soft colors done by llor, Meigs \& Howe; they find also a garin Wilmington, Delaware; and the contribus of Mrs. Wilder and Mr. Wilson. Cwo houses will be displayed in this issue-a g. Island farmhouse and a home in Illinois has been done in the French manner of the h Century house. The Town Betterment es will consider band stands.


HE following verses we found in Modern Britis/h Lyrics, and, with the permission of editor, Mr. Stanton A. Coblentz, we reproe them:

## THE SEED SHOP

e in a quiet and dusty room they lie, led as crumbled stone or shifting sand. lorn as ashes, shrivelled, scentless, dryadows and gardens running through my hand.
d 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, Temn 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.
Moünt Arbor Nurseries, Shenandoah, Iowa
Mount Vernon Nursery, Mount Vernon, Wash.
Mountain View Nursery, Williamsport, Md.
DeKalb Nurseries, Morristown, Pa.
Naperville Nurseries, Naperville, Ill.
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 tim: into the pa'm of a hand like a hawk's foot.
"But he was a scrapper an' he didn't know whut 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.
"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 nationallyknown architects. Two others of interest are Spanish Homes of California and a little handbook for tropical gardeners-Plants, Slirubs and Trees of Northern Florida, by N. I. Stevenson.


AN INVITATION TO THE GARDEN

[^8]
# 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

CHE amazing development of quan-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 $r$ 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 hat is to be its future?
The amateur in gardening is the one ho grows plants for the love of them. o him or her the interest lies in the inviduality of plants rather than in samess of specimens. Variety is verily the ice of life to him. This is necessarily e case with the amateur gardener, since ants are living growing objects and not anufactured articles, expressing the soil d the season and the general variableness 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 A griculture 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)


WeFarland
The Himalayan Lilac, Syringa emodi, or S. villosa emodi, growes 10 a mature height of fifteen feet, producing pale blue flowers. Unfortunately its odor is unpleasant
(Left) Among the double Lilacs is President Gresy, an old creation of Lemoine and still a favorite with discerning gardeners. Its blue panicles are nearly a foot long

L I L A C S<br>O L D<br>A N D<br>Vast Improvements in Their Beanty Hawe Been Made

N E W

Since Lilacs First in the Dooryard Bloomed
JOHN C. WISTER

WE 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 aj 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 becon popular in this country, crossing the oce on tiny sailboats long before the days steam, and today, in spite of the introdu tion of hundreds of new shrubs from a parts of the world, remaining as the be beloved flowering shrubs of the sprin months.

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

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 extremety 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 partrayal 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
in

## 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 developmen of Hybrid Teas from the crossing 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 bed 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 without such magnificent Roses as Fr : Karl Druschki, Hugh Dickson, M John Laing and Ulrich Brunner? T Teas unfortunately are hardy in on favored districts, but we now have ti satisfaction of substitutes among hardier classes.

It is possible that we could have got 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 s. E. Russell; and the old favorite lows, Duchess of Wellington, Mme. vary, Mrs. Aaron Ward and Mme. lanie Soupert.
Look back on the yellow Roses just ntioned and it is to be found that ee 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 se world and who has brought enly new standards of color to the se garden.
A precious seedling of the cross been 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

Mme. 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)

(Belowe) 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 $18^{\prime \prime}$ high. It is a hardy perennial weith clouded blue blossoms


## KEEP THE DOOR OPE

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 cernutm, a native American member found in the Alleghanies and westward. Its pink-lilac blossoms are in nodding clusters at the top of $18^{\prime \prime}$ stalks

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

$I_{8}^{7}$[ IS too bad to fall into a rut wh growing and knowing plants is co cerned. Of course one will always w to hold to the old and faithful friends a would sadly miss them did they not ar anew each spring to greet us. But world is so full of valuable plants for garden, so rich in enchanting flower typ 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 pl in the garden lights the mind and quick the interest in an extraordinary mann It is something to look forward to. T newcomer has a fresh tale to tell, offers fresh experience. The gardener who continually experimenting with unfamil plants is in no danger of losing the k edge of his enthusiasm, and is, moreov 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 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 native of the United States and not, I b lieve, very generally grown in Americ: gardens. All are fine and fit and none
(Belows) Early summer finds the Northern Bedstrawe 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 reason 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 lossom, is seldom seen. It appears in lamp 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 ary 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 Globeflower 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 flowers open in the rock garden during April
(Right) Iris prismatica fully merits real garden appreciation. Graceful, slenderstemmed, 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 lonsnosed Sunflower, Helianthella quinquenervis, from the western mountains. It grows easily in a sunny corner



Ninomiya

## AN ENGLISH HOME IN THE NORTHWEST



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 windorv 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

## ree standing stairs is

 rown across the long ndow in the stairs $1 l$, the composition be5 completed by a large andelier hrung in the ddle of the well. apestries soften the tlls. The architect ose the decorations

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

# L E JARDIN DE 

An Old-World Garden Described By One Who Now<br>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 oldfashioned 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 Americant 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 thi day recall this picture. The shrubs are thos that they had at that time, few in numbe compared to those we have today. Sinc Wilson and the English have traveled al over China and Japan the number of im ported shrubs in our gardens has increase considerably.

Meanwhile we already had an interest ing collection. I recall the four differen 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 o snippers in order to cut the flowers. Anothe 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 Wari with its leaves like Jasmine. Near to them were the Snowballs c great size and which were then held in high esteem, from whic we cut great branches to adorn the house, and yet an Acacia wi flowers of tender pink that grew in a couple form, not stragglin around like the other Robinia, for what we call the Acacia is tl Robinia. The veritable Acacia is quite another thing, the so-calle Mimosa, that we receive from the south in the winter. One nee only a few such errors to make the language quite non-unde standable.

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

The shrubs made a showing along the paths, giving an outlis 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 ead spring, so that our mother used to cut with delight the little fr grant branches. We have now a goodly number of Spireas comir from all parts of our northern hemisphere. Then we had thre 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)



I T ALY I N OREGON



Above the moon gate m this old Canton garden runs the legend: "Tlue moun tain rises like a screen; the sea is smooth as a mirror"

## W I T H I N <br> T H E <br> M O O N <br> G A T E

The Gardens of China Are Made to Appeal to the<br>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. wunese gardener rarely sets out ms 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 Cauton 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 Collesse

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
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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 fireplace crisp moldings support a carved acanthus leaf motif which in turn holds a basket of fruit and flowers. The chimwey front is framed in moulding
(Left.) This graceful living room fireplace, also dating from the 17th Century, is cut out of softstone and washed with pale pink plaster. In keeping with the simple surround is the over-mantel
(Below.) A typical Normandy kitclien in all its proverbial pot and pan glory. The chimney is brick coueredwith plaster painted cream white. The casserole rack and bench are a reddish brown



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 calor


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 swith oak paneled doors and at the immediate left is a stone sink

# 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 16 th 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 16 th 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, vencering, 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-size.t Alsatian house. Aside from the wardrobe which is Louis $X V$, the pottery, the pereter 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 XT 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, perwter 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 ut to the Revolution


\author{

# THE 

 <br> F AMILIES OF VARNISH AND ENTwo Groups Whose Members Have a Wide Variety of Uses and an Ability to <br> 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 glasslike 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
(Cont:mued on page. 164)

A LITTLE PORTFOLIO of GOOD INTERIORS


Lee
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 swall 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 mir rors is a feature of this living room in Lake Forest, Illinois, the home of Mrs. Prentiss Coonley. Between the pilasters are mirror panels outlined wit/2 antique gold moldings. Grecn 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 avalls in this 18th Century living room were painted a neutral putty tone. Green is the predominating color in the furnish ings. Walter Johnson swas the decorator


The pictures on this page are of the living room in a man's apartment on a roof-thie home of Jolin McMullin, 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 avindose end of the room shows the comfortable sofa done in beige damask, the black and white corner table weith its graceful white Bristol glass ornaments, and the radiator box holding a collection of shells, small figurines and decorative Cacti. Elsie deWolfe, decorator


Areemiya


## WHY I WOULD

## CHOOSE

## L.ARKSPURS

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 feat of bloom and the stalks shoull. rise wine to ten feet above yround


Manves, blues, purples anid a white are available in the tall blooming kinds, an.l. the eye can be black or small an.l unpronounced, preferably the latter

No flosters massel in a borider afford such exaltation :o the spirit as Larkspurs. They require work, but they repay amply any attention given them

## Some of the Con-

tributing 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 Druight James Baum. The tall columns and Palladian avindow are features

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

The swoolen 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. Shipbuilding, 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

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 18 th and early 19 th 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 doorwavs (Continued on page 134)

Compare the austerity of this 17t/2 Century "Keeping Room" or parlor with the later examples. Walls are covered with molded paneling. There are touches of color around the fireplace

A parlor from Haverhill, Mass. The wwoodwork 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



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 the the necessary creature comforts, the house: was left as first made by its Sankee farmer many years apo


Kenneth Clark
A NEW ENGLAND DOORYARD GARDEN

[^9]

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 lunting 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 contrasting shade. Guild of Needle \&o Bobbin Crafts


One side of the pillow above is covered in yellow linen ornamented with a cresvel-work flosur design. The reverse side and the corded edge are blue-green taffeta. Guild of Needle Go Bobbin Crafts

P I L L O W S


An amusing pillow for a clild's rocm is covered in taffeta ornamented with a colorful needlework motif in the center and trimmed at the edges with contrasting 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

F O R
M A N Y
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 wwith needle-point medallions. Rose Cumming

THE PHLLOWS ON THESE PAGES MAY
BE PCRCHASED BY GONG OR WRITING TO THE SHOPS MENTIONED, THE AD-
DRESSES 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 stitch in vivid shades. The Guild of Needle \&o Bobbin Crafts


A charming pillow for a country house living room or bed room is shown above. It is of flowered clintz 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 clintz. The Chintz Shop

CUSHIONS OF COLOR AND VARIETY

In this delightful drawingroom the curlains and valances awrought in green and red on a creamy ground, were executed br ladies-in-waiting to Queen Anne


# OLD EMBROIDERIES and MODERN ROOMS 

Revived ${ }^{\prime}$ Interest In This Domestic Art Looks

To Its Past for Inspiration

## MARY B. SHEARER

THE 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 16 th 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 4 th 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 13 th 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.

TO SELECT a dozen best shrubs for each of ten 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 halo-dendron-Salt-tree; Hamnmelis vernalis-Vernal Witchhazel; Hydrangea paniculata praccox-Early Panicle Hydrangea; Lilacs; Lonicera tatarica and varieties-Tatarian Honeysuckles; Mahonia aqui-folium-Oregon Hollygrape; Malus sargenti-Sargent Crab; Prunus tomentosa-Nanking Cherry; Rosa spinosissima al-taica-Altai Rose; Spiraea trichocarpa and S. vanhoutteiSpireas.

## Region of New England

Azalea calendulacea and $A$. kaempferi-Flame and Torch Azaleas; Berberis thunbergi and B. vernae-Barberries; Cotoneaster horizontalis and $C$. soon-gorica-Cotoneasters; Enkianthus campanulatus-Redvein Enkianthus; Euonymusradicans and varieties-Wintercreeper; Forsythia intermedia spectabilis
(Continued on page 166)

AlthoughHydrangeas 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 praccox, and in cwarmer 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


# WA TER 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 consider: ion 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 swater from the liouse 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 $4^{\prime \prime}$ 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)
(Above) If the water falls throughts several levels before it reaches the pool it will gain considerabig in effectiveness. The photograph shows the unpainted cement icicles described in the text


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

W H A T I S G A R D E N D E S I G N ?<br>Here Are Set Down The Simple Principles for<br>Making An American Garden

ELIZABETH BOOTES CLARK

IIS 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 aloug its length to follow the line of the top of the wall. House and wall date from the late 1700 s



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 fromt 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 evings enclose a garden at the back off the living room. The architects were Fooshee © Cheek

The home of Henry Salent 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 screene.t across the top to sutport vine.

(Below) Looking out from the patio through the from 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



AN ARTIST'S HOME IN FLORIDA


Late 18th Century shutters in a house at Ampthill, Bedfordshire, made for a window of tliree 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

# S H U T T E R S I N S I D E T H E R O O M 

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

THE 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 de-
signed 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 wellproportioned 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

(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 swindow. These have hinged multiple leaves which fold over the door, so that the door cain be partially or completely cos ered. The upper part of the door is stationary, only the two lower parts opening

# S O M E A N N U A L S E A S Y T O G R O W 

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

Wealth of Flowers Under Ordinary Conditions

ROBERT S. LEMMON

$\mathrm{A}^{\mathrm{N}}$NY 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 $11 / 2^{\prime}$ high; Little Dorrit, a white, $9^{\prime \prime}$ form; Mauve Beauty, $9^{\prime \prime}$; and Little Blue Star, a bright blue $7^{\prime \prime}$ or $8^{\prime \prime}$ high.
Sweet Alyssum. Another splendidly adaptable low grower from $3^{\prime \prime}$ to $12^{\prime \prime}$ high. Carpet of Snow, a white, forms a dense, $4^{\prime \prime}$ 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-

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 $3^{\prime}$ high.

Gaillardia. Both single and doubleflowered forms, if you want them. The colors are mainly whites, reds and yellows. About $11 / 2^{\prime}$ 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 onforever, I hope.

Nasturtium. The tall, climbing kind needs no description. There is aiso 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-circtLar roadarrangement, easy for traffic and giving the house every opportunity to show at its best


# L A Y I N G O U T T H E L A N D 

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

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 planning 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.

Flowering Cherries would add a wholly pleasurable cheerfulness to suburban highways during the spring, for they are well formed and especially lovely in blossom. The one shown here is the Sargent Cherry, an excellent variety


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


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

THROUGH the good sense and foresight 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


Sugar Maples are in every way satisfactory for the country roadside. It is much to be regretted that they cannot withstand the conditions imposed upon them by the smoke, gases and other handicaps of a city environment


Along narrow streets, where trees with spreading or overarching branches woould 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

## 

Suitable For City
Streets, Parks and
Country Highrways
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 employmentto 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)

[^10]


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. Clafin, at Palm Beachr


No Spanish garden is complete without a fountain or pool. Often they were terraced, so that there were varying levels of water, passed from one pool to another by little canals and rivulets. In designing this garden the architect, Addison Mizner, followed the Moorish precedent, with the gratifying success that this view shows within the high enclosing wall

Another vista of the Claflin 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<br>Garden Proper Calls for a Special Cutting Section

## H. STUART ORTLOFF

T${ }^{\top}$ HE 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 G® 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 $\mid$ BOTANICAL NAME $\mid$ COLOR $\mid$ HEIGRT $\mid$ OFASON $\mid$ DLOOM $\mid$ DIRECTIONS

ANNUALS


## HOUSE GO GARDEN'S GARDENING GUIDE ANNUALS AND PERENNIALS-CONTINUED

| COMMON NAME | BOTANICAL NAMES | COLOR | Height | SEASON <br> OF BLOOM | DIRECTIONS |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Larkspur, Hardy | Delphinium formosum | Purple | $36^{\prime \prime}$ | June to Nov. | By seed, cuttings, or division; Aug. sown seed blooms in June; sun |
| Larkspur, Mountain | Delphinium hybridum | Blue-Purple | $60^{\prime \prime}$ | June to Nov. | By seed, cuttings, or division; Aug. sown seeds bloom in June; sun |
| Larkspur, Slender | Delphinium grandiflorum chinerse | Blue, white | $24^{\prime \prime}$ | Jane to Oct. | By seed, cuttings, or division; deep rich sandy soil; sun |
| Leopardbane | Doronicum plantaginium | Orange | $30^{\prime \prime}$ | April and May | By divisions; rich well drained soil ; sun |
| Loosestrife, Clethra | Lysimachia clethroides | White | $30^{\prime \prime}$ | June to Aug. | By seed or divisions; prefers moist soil; sun |
| Loosestrife, Purple | Lythrum salicaria | Rosy Purple | $36^{\prime \prime}$ | July and Aug. | By divisions; not particular as to soil or exposure |
| Lupin, Washington | Lupinus polyphyllus | Various | $40^{\prime \prime}$ | May and June | By seed or division; do not disturb after planting; any soil; sun |
| Maltese Cross (Lychnis) | Lychnis chalcedonica | Red | $36^{\prime \prime}$ | June and July | By seed or division; light rich soil; full sun |
| Meadowrue, Columbine | Thalictrum aquilegifolium | Rose | $36^{\prime \prime}$ | May to July | By seed or division; well drained soil; sun or part shade |
| Meadowsweet, Siberian Mistflower | Filipendula palmata Eupatorium coelestinum | Finkish | $30^{\prime \prime}$ $20^{\prime \prime}$ | June to Aug. | By seed or division; moist rich soil; partial shade By cuttings; any soil; sun; protect in winter |
| Mistflower <br> Mountain-Bluet | Eupatorium coelestinum | Blue purple Blue | $20 \prime \prime$ $20 \prime \prime$ 20 | Sept. and Oct. May to Sept. | By cuttings; any soil; sun; protect in winter By seed; any soil; sun |
| Painted Lady | Chrysanthemum coccineum | Various | $18^{\prime \prime}$ | June and July | By division in Spring; rich sandy well drained soil; sun |
| Pansy, Tufted | Viola cornuta | Blue, yellow | $6^{\prime \prime}$ | April to Nov. | By seed, cuttings, or division; sun or partial shade |
| Pentstemon | Pentstemon barbatus | Red | $48^{\prime \prime}$ | June and July | By seed or division; sandy soil; sun; use plenty of well rotted manure |
| Peony, Common | Paconia officinalis | Various | $30^{\prime \prime}$ | May and June | By division in early fall; light manure mulch in winter; sun or part shade |
| Phlox, Garden | Phlox paniculata | Various | $36^{\prime \prime}$ | June to Oct. | By division; rich moist soil; sun |
| Phlox, Smooth | Phlox glaberrima sulfruticosa | Various | $24^{\prime \prime}$ | May to July | By division; divide every three years in late fall; rich moist soil |
| Pink, Moss | Phlox subulata | Various | $5^{\prime \prime \prime}$ | April and May | By seed, cuttings, or division; dry soil; sun; will spread |
| Pink, Scotch | Dianthus plumarius | Various | $10^{\prime \prime}$ | May and June | By seed or division; divide every three years; sun |
| Plumbago, Larpente | Ceratostigma plumbaginoides | Blue | $10^{\prime \prime}$ | Aug. to Nov. | By divisions; light soil; sun; light winter protection |
| Plumepoppy, Pink | Bocconia cordata | Pinkish | $60^{\prime \prime}$ | July | By seed or by suckers; apt to spread vigorously; any soil; sun |
| Popdy, Iceland | Papaver nudicaule | Various | $12^{\prime \prime}$ | May to Oct. | Sow seed early in rich soil; resow every other year; sun |
| Poppy, Oriental | Papaver orientale | Red, Orange | 30" | May and June | By newly ripened seed, division or root cuttings; do not disturb |
| Poppy-Mallow, Low Primrose, Japanese | Callirhoe invclucrata Primula japonica | Red | 10" | June to Nov. | By seed or cutting; light soil; sun <br> By newly ripened seed, or division immediately after bloom; shade |
| Primula, Cowslip | Primula veris | Yellow | $10^{\prime \prime}$ | April and May | By seed or division immediately after bloom; part shade |
| Rockeress, Alpine | Arabis alpina | White | 10 " | April and May | By seed, cuttings, or division; will grow well in poor soil; sun |
| Rose-mallow, Common | Hibiscus moscheutos | Various | $60^{\prime \prime}$ | Aug. to Oct. | By seed or division; moist soil; part shade |
| Sage, Azure | Salvia azurea | Blue | $40^{\prime \prime}$ | Aug. to Sept. | By seed or division; light sandy soil; slight winter protection; sun |
| Scabiosa, Caucasian | Scabiosa caucasica | Lavender | 20" | May to Oct. | By seed or division; winter protection; rich soil; sun |
| Sea-lavendar, Bigleaf | Limonium latifolium | White | $18^{\prime \prime}$ | July to Aug. | By spring sown seed; do not disturb after planting; sandy; sun |
| Senna, Wild | Cassia marilandica | Yellow | $60^{\prime \prime}$ | July and Aug. | By seed or division; any soil; sun; cut down after blooming |
| Sneezeweed, Common | Helenium autumnale | Yellow | 54"' | July and Aug. | By seed, cuttings, or division; moist rich soil; sun; attacked by aphis |
| Sneezeweed, Red | Helenium autumnale var. | Red | $54^{\prime \prime}$ | Aug. and Sept. | By seed, cuttings, or division; moist rich soil; sun; attacked by aphis |
| Sneezewort | Achillea ptarmica | White | $24^{\prime \prime}$ | May to Oct. | By cuttings or divisions; rather moist soil; sun. |
| Snow-in-summer | Cerastium tomentosum | White | $8{ }^{\prime \prime}$ | May and June | By cuttings or divisions; for dry sunny places in foreground |
| Speedwell, Beach | Veronica longifolia | Blue | $24^{\prime \prime}$ | July to Sept. | By seed or divisions; rich soil; sun |
| Speedwell, Wooly | Veronica incana | Blue | 10 " | July and Aug. | By seed or division; sandy soil; sun |
| Spiderwort, Virginia | Tradescantia virginiana | Blue | $24^{\prime \prime \prime}$ | May to Sept. | By cuttings or divisions; any soil; sun or partial shade |
| Stokesia | Stokesia laevis | Blue, white | $18^{\prime \prime \prime}$ | June to Nov. | By seeds or division; sandy soil; sun |
| Sundrops, Ozark | Oenothera missouriensis | Yellow | 10 " | June to Aug, | By cuttings or divisions; dry; sun; for foreground |
| Sundrops, Young's | Oenothera fruticosa var. | Yellow | $20^{\prime \prime \prime}$ | June and July | By seed or cuttings, dry sandy soil; sun |
| Sunflower, Ashy | Helianthus mollis | Deep Yellow | $48^{\prime \prime}$ | July to Sept. | By seed or division; any soil; sun |
| Sunflower, Prairie Sweet-William | Helianthus scaberrimus Dianthus barbatus | Yellow | $60 \prime \prime$ $14{ }^{\prime \prime}$ | Aug. and Sept. <br> May and June | By division; light dry soil; sun; transplant often for good development By seed sown in July for next vear's bloom; any soil; sun |
| Torchlily, Bonfire (Tritoma) | Kniphofia uvaria grandis | Orange | $30^{\prime \prime}$ | Aug, to Nov. | By division; protect south of Philadelphia take up in north |
| Valerian, Common | Valeriana officinalis | Pinkish lav. | $36^{\prime \prime}$ | May to Aug. | By seed or divisions; any sunny location; spreads quickly |
| Wild-Indigo, Blue | Baptisia australis | Deep blue | $30^{\prime \prime \prime}$ |  | By seed or division; any soil; sun; for background |
| Yarrow, Fernleaf | Achillea filipendula | Yellow | $48^{\prime \prime}$ | July | By seed, cuttings or division; dry soil; sun; stake |
| Yarrow, Woolly | A chillea tomentosa | Yellow | 10 " | May and June | By seed, cuttings, or division; poor dry soil; sun |

SUMMER FLOWERING BULBS

| Buttercup, Tall | Ranunculus acris | Yellow | $18^{\prime \prime}$ | June | Single and double forms, spreads rapidly; good for cutting |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Desertcandle | Evemurus var. | Various | $77^{\prime \prime \prime}$ | June and July | Plant in rich well drained soil; may require staking |
| Gladiolus | Gladiolus var. | Various | $36^{\prime \prime}$ | Aug. to Sept. | Set out in light friable soil mixed with peat; plant for succession |
| Lily, American Turkscap | Lilium superbum | Spotted orange | $60^{\prime \prime}$ | June and July |  |
| Lily, Batemann | Lilium batemanniae | Apricot | $30^{\prime \prime}$ | July and Aug. |  |
| Lily, Coral | Lilium tenuifolium | Scarlet | $24^{\prime \prime}$ | June |  |
| Lily, Goldband | Lilium auratum Lilium henryi | Cream to purple | $36^{\prime \prime}$ | July and Aug. | Bulbs should be planted six inches deep in a light soil mixed with peat. Do not let manure come in direct contact with the Lily bulb. |
| Lily, Henry | Lilium henryi <br> lilium candidum | Spotted orange White | $7^{72 \prime \prime}$ |  | let manure come in direct contact with the Lily bulb. |
| Lily, Madonna | Lilium candidum <br> Lilium elegans | White <br> Orange | $36 \prime \prime$ $24^{\prime \prime}$ | June and July Jume and July | $10$ |
| Lily, Thunbergian Lily, Tiger | Lilium tigrinum | Spotted orange | ${ }^{24} 8^{\prime \prime}$ | July and Aug. |  |
| Lily, Speciosum | Lilium speciosum | Spotted white | 36"' | Aug. and Sept. |  |
| Summer-hyacinth | Galtonia candicans | White | $62^{\prime \prime}$ | Aug, and Sept. | Well drained soil with leaf mold; may require staking; sun |
| Tritonia | Tritonia var. Zephyranthes var. | Various White, pink | $36 \prime \prime$ 10 10 | June to Oct. June to Sept. | Plant in rich well drained soil; sun <br> Plant in clumps in foreground of border; store in warm place |

ANNUAL AND PERENNIAL VINES

| COMMON NAME | BOTANICAL NAME | CHARACTER | DIRECTIONS |
| :---: | :---: | :---: | :---: |
| ANNUALS |  |  |  |
| Cobaea, Purplebell <br> Hyacinth-bean <br> Mock-cucumber <br> Moonflower <br> Morning-glory, <br> Common <br> Morning-glory, Ivyleaf <br> Scarlet-runner | Cobaea scandens <br> Dolichos Lablab <br> Echinocystis lobata <br> Calonyction aculeatum <br> Ipomoca pur purea <br> Ipomoea hederacea <br> Phaseolus coccineus | Light violet <br> Purple and white Greenish white White and purple White to lavender <br> White to lavender Scarlet | By seed in moist earth. Place seeds edge down <br> By seed; very tall and twining <br> Grow in rich soil; rapid grower; excellent for screening Seeds sown in coldframe; needs long warm season Seeds sown in coldframe <br> Seeds sown in coldframes; may self sow By seed; has purplish beans |
| PERENNIALS |  |  |  |
| Akebia, Fiveleaf <br> Ampelopsis, Porcelain Bittersweet, American <br> Clematis, Anemone <br> Clematis, Sweet <br> Autumn <br> Creeper, Japanese <br> Creeper, Virginia <br> Dutchmans-pipe <br> Fleecevine, Silver <br> Honeysuckle <br> Hop, Common <br> Ivy, English <br> Kudzu-bean <br> Matrimony-vine, <br> Common <br> Monkshood-vine <br> Silver-vine <br> Trumpetcreeper <br> Wintercreeper <br> Wistaria | Akebia quinata <br> Ampelopsis heterophylla <br> Celastrus scandens <br> Clematis montana <br> Clematis paniculata <br> Ampelopsis tricuspidata <br> Ampelopsis quinquefolia <br> Aristolochia sipho <br> Polygonum baldschuanicum <br> Lonicera var. <br> Humulus lupulus <br> Hedra helix <br> Pueraria thunbergiara <br> Lycium halimifolium <br> Ampelopsis aconitifolia <br> Actinidia polygama <br> Bignonia radicans <br> Euonymus radicans <br> Wistaria var. | Rosy purple <br> Decorative fruits White, rose, lavender White <br> Rosy <br> Yellow, cream <br> Decorative fruit <br> Purple; red fruit <br> Waxy white <br> Red <br> Blue, white | Propagate by layers; flowers in early spring <br> Propagate from cuttings in sand; good for stone and brick walls <br> Use nursery grown stock; shrubby in growth <br> se young nursery stock; prefers sun <br> Use young nursery stock; covered in summer with masses of flowers <br> Propagate from cuttings in sand; for masonry walls <br> Propagate from cuttings in sand; heavier growing than other varieties <br> Propagate from cuttings; robust vine for dense shade <br> Graft on pieces of its own roots; vigorous <br> Plant seedlings or propagate by layers; rapid grower for covering slopes <br> Propagate by division or seed; vigorous <br> Propagate from cuttings in sand; practically evergreen on walls and ground <br> Nursery stock or seedlings; vigorous <br> Use nursery stock; shrubby <br> Propagate from cuttings in sand; for masonry walls <br> Plant seed in rich soil; shelter <br> By root suckers or seedlings <br> Use nursery grown stock; evergreen; excellent <br> Plant healthy nursery stock; long lived |

VEGETABLES FOR A CONTINUOUS SUPPLY

| $\begin{aligned} & \text { VEGETABLES AND } \\ & \text { TYPE } \end{aligned}$ | VARIETY | $\begin{aligned} & \text { FIRST } \\ & \text { PLANTING } \end{aligned}$ |  | SUCCESSIVE PLANTINGS WEEKS APART |  | AMOUNT OR NUMBER FOR $50^{\prime}$ ROW |  | DIRECTIONS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bean, bush, Green Pod | Early Bountiful | April | 15 | 2-3: to Aug. | 15 | x pt. | $15^{\prime \prime} \times 4^{\prime \prime}$ | In dryest soil available; cover first planting $\mathrm{I}^{\prime \prime}$ |
| Bean, bush, Wax | Rust Proof Golden Wax | April | 20 | 2-3: to Aug. | 1 | 1 pt . | $18^{\prime \prime} \mathrm{x} 44^{\prime \prime}$ | In dryest soil available; cover first planting $\mathrm{I}^{\prime \prime}$ deep. |
| Bean, bush, Lima | Burpee Improved | May | 1 | 3-4: to July | 15 | 1 pt . | $24^{\prime \prime} \times 6^{\prime \prime}$ | Plant with eye down, when there is prospect of dry weather. |
| Bean, pole | Golden Cluster | April | 25 | June | 15 | $1 / 4 \mathrm{pt}$. | $4^{\prime} \times \mathrm{x} 3^{\prime}$ | Place poles before planting in rich hills; thin out. |
| Bean, pole, Lima | Early Leviathan | May | , | June | 15 | 1/4. pt. | $4^{\prime} \times{ }^{\prime \prime}$ | Eye down in slightly raised hills; thin to best two. |
| Beets, Ex. Early | Early Model | April | I | 3-4: to Aug. | 15 | ${ }_{1} \mathrm{oz}$. | $\mathrm{I2}^{\prime \prime} \mathrm{x} \mathrm{2}^{\prime \prime}$ | First planting shallow, about $1 / 2^{\prime \prime}$ deep and thick. |
| Beets, main and winter | Detroit Dark Red | May | 1 | 3-4: to Aug. | 15 | 1 oz . | $12^{\prime \prime} \times{ }^{\prime \prime}$ | In dry weather, soak seeds; firm well; for winter use sow about three months before harvesting. |
| Brussels Sprouts | Dalkeith | June | 15 P | July | 15 | 35 | $24^{\prime \prime} \times 18{ }^{\prime \prime}$ | Transplant at four to six weeks; same treatment as late cabbage; pinch out tops when "buttons" are formed. |
| Cabbage, Ex. Early | Copenhagen M'k't | April | P |  |  | 35 | $24^{\prime \prime} \times 18^{\prime \prime}$ | Set out well hardened off plants as soon as ground can be worked; fertilize in rows. |
| Cabbage, summer | Succession | May | P | June | 1 | 30 | $30^{\prime \prime} \times 18^{\prime \prime}$ | 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 | $30^{\prime \prime} \times 18^{\prime \prime}$ | Transplant from seed sown June ist; use water in bottoms of holes if soil is dry; firm well. |
| Carrots, Ex. Early Carrots, main and winter | Early Scarlet Horn Danvers | $\begin{aligned} & \text { April } \\ & \text { May } \end{aligned}$ | 15 15 | 3-4: to Aug. | $\begin{aligned} & 15 \\ & 15 \end{aligned}$ | $\begin{aligned} & 1 / 2 \mathrm{oz} . \\ & 1 / 2 \mathrm{oz} . \end{aligned}$ | $\begin{array}{ll} 12^{\prime \prime} \mathrm{x} & \mathrm{I}^{\prime \prime} \\ 12^{\prime \prime} \mathrm{x} & 2^{\prime \prime} \end{array}$ | First planting thick, $1 / 4$ " to $1 / 2^{\prime \prime}$ deep; thin early. <br> 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 | $24^{\prime \prime} \times 18{ }^{\prime \prime}$ | Enrich rows; protect from cutworms; plenty of water when heading. |
| Celery, Early | Golden Self-Blanching | May | P | June | 1 | 100่ | $24^{\prime \prime} \times 6^{\prime \prime}$ | Enrich rows; plenty of water; hill up to keep stalks upright; blanch two weeks before using. |
| Celery, late | Winter Queen | June | P | July | 15 | 100 | $36^{\prime \prime} \times 6^{\prime \prime}$ | 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 | 1/2 pt. | $3^{\prime} \mathrm{x} \quad 2^{\prime}$ | First planting in dry soil; cover only $I^{\prime \prime}$ deed; give protected sunny exposure if possible. |
| Corn, main crop | Country Gentleman | May | 1 | 4: to July | 1 | 1/2 pt. | $3^{\prime} \times 3^{\prime}$ | Thin to 3 or 4 stalks in hill; plant $3^{\prime \prime}$ deep in dry weather; cultivate shallow. |
| Cucumber, for slicing, etc. | Davis Perfect | May | 1 | June | 15 | 1/4 oz. | $4^{\prime} \times 4^{\prime}$ | Enrich hills; thin to 3 or 4 plants; protect from striped beetle. |
| Cucumber, for pickling | Ever-bearing | June | I | July | 1 | 1/4 oz. | $4^{\prime} \times 4^{\prime}$ | Gather fruits while quite small; keep them all picked for continuous bearing. |
| Egg-plant | Black Beauty | May | 20 P |  |  | 25 | $30^{\prime \prime} \times 24^{\prime \prime}$ | Enrich hills; give plenty of water; protect from potato bugs. |
| Endive | Giant Fringed | June | 1 | to Aug. | 1 | 1/2 oz. | $12^{\prime \prime} \times 12^{\prime \prime}$ | Culture same as for lettuce save that leaves should be tied up to blanch for use. |
| Kohlrabi | White Vienna | April | 10 | to July | 10 | 1/2 oz. | $15^{\prime \prime} \mathrm{x} 44^{\prime \prime}$ | Treatment similar to turnips; thin out as soon as possible; begin to use while small, $1^{\prime \prime}$ or so in diameter. |
| Leek | American Flag | April | 15 | 4: to June | 15 | 1/2 oz. | $15^{\prime \prime} \times 1{ }^{\prime \prime}$ | Transplant at size of lead pencil to deep, well enriched trenches, hill up to bleach. |
| Lettuce, loose leaf, for spring | Grand Rapids | April | 10 P | 3: to May | 20 |  | $12^{\prime \prime} \times{ }^{\prime \prime}$ | Sow seed when plants are set out, and for succession plantings, thinning out early. <br> Thin out early; for fall, plant July 15 to August 15 . |
| Lettuce, spring and fall | Big Boston | April | 10. P | 3: to May | 20 |  | $12^{\prime \prime}{ }^{\prime \prime} \mathrm{x} 8^{\prime \prime}$ | Give plenty of water; top-dress with nitrate of soda; thin |
| Lettuce, "Crisp Head," for summer | Brittle Ice | May | 15 | June | 15 | 1/4 oz. | $12^{\prime \prime} \mathrm{x} 10$ " | out as soon as possible. <br> Enrich hills with old compost and wood ashes; add sand |
| Melons, musk | Netted Gem | May | 1 | June | 15 | 1/4 oz. | $6^{\prime} \times 4^{\prime}$ | in heavy soil; protect from striped beetle. |
| Melons, musk, bush | Henderson's Bush | May | 1 | June | 15 | oz. | $x 3^{\prime}$ | Same as for musk melons; pinch out tips of runners at $5^{\prime}$ or $6^{\prime}$. |
| Okra | White Velvet | May | 15 |  |  | 1/2 oz. | $3^{\prime} \times 15{ }^{\prime \prime}$ | Give warm, rich soil; nitrate of soda during early growth; treat like corn; use pods while young. |
| Onions, "sets" |  | April | 1 |  |  | 1/2 pt. | $12^{\prime \prime}{ }^{\prime \prime} \times 2^{\prime \prime}$ | Mark out drill; insert up to neck. |
| Onions, globe | Yellow Danvers | April | 1 |  |  | 1/2 oz. | $12^{\prime \prime} \mathrm{x} 2^{\prime \prime}$ | Keep clean; top-dress with nitrate of soda; do not thin until well along. |
| Onion, large Spanish | Gigantic Gibraltar | April | 1о P |  |  | 150 | $12^{\prime \prime} \mathrm{x} 3^{\prime \prime}$ | Start seedlings and transplant to rich soil; give plenty of |
| Parsley | Emerald Curled | April | 15 | June | 15 | $1 / 2 \mathrm{oz}$. | $12^{\prime \prime} \mathrm{x} 4^{\prime \prime}$ | Soak seed for twenty-four hours; cover very lightly; thin out early. |
| Peas, smooth | Alaska | April | 1 |  |  | 1 pt . | $30^{\prime \prime} \times \quad 2^{\prime \prime}$ | Cover first planting about $\mathrm{I}^{\prime \prime}$ deep; sow only a small |
| Peas, Early, wrinkled | Gradus | April | 10 | 3: to May | 20 | 1 pt . | $36^{\prime \prime} \mathrm{x} \quad 2^{\prime \prime}$ | Dwarf varieties $22^{\prime \prime} \times 2^{\prime \prime}$ make first plantings in light soil, or on slightly raised drill $1 / 2^{\prime \prime}$ to $\mathrm{I}^{\prime \prime}$ deep. |
| Peas, wrinkled, main crop | Alderman | April | 15 | 3: to June | 15 | 1 pt . | $36^{\prime \prime} \times \quad 2^{\prime \prime}$ | Maker later plantings in trench, filling in gradually as vines grow; plant early varieties July 20 to August to for fall crop. |
| Peppers, large fruited | Ruby King | May | 15 P |  |  | 40 | $24^{\prime \prime} \times 15^{\prime \prime}$ | Same as for egg-plant; use good strong potted plants for both to get best results. |
| Peppers, small fruited | Coral Gem Bouquet |  | 15 P |  |  |  | $24^{\prime \prime}$ " $\times 15{ }^{\prime \prime}$ | Top-dress with nitrate of soda during early growth. |
| Parsnips | Improved Hollow Crown | April | 10 |  |  | 1/4 oz. | $18^{\prime \prime} \times 3^{\prime \prime}$ | Select deep, loose soil or trench before planting. <br> For earliest results sprout four weeks in sunlight before |
| Potatoes | Irish Cobbler | April | 10 |  |  | 1/2 pks. | $28^{\prime \prime} \times 13^{\prime \prime}$ | planting. |
| Pumpkin | Quaker Pie | May | 15 |  |  | 1/4 oz. | $6^{\prime} \times 6^{\prime}$ | Plant in rich hils; if space is limited, put near edge of garden, or train where vines can run along fence. <br> Make frequent small sowings; work lime plaster, soot or wood ashes into row, take up and destroy roots not |
| Radish, Early | Crimson Giant Globe | April | 1 | 2: to Sept. | 15 | 1/2 oz. |  | used. |
| Radish, summer | Chartiers | May | 1 | 3: to Aug. | 1 | $1 / 2 \mathrm{oz}$. | $\begin{array}{lll}12^{\prime \prime} \times & 2^{\prime \prime}\end{array}$ | Thin out early; plant in finely prepared soil. Roots for storing in winter should not be planted until quite late, as they are better both in keeping and eating |
| Radish, winter | White Chinese | June | 15 | to Aug. | 15 | 1/2 oz. | $12^{\prime \prime} \times \quad 3{ }^{\prime \prime}$ | qualities not overgrown. <br> Excellent for storing for winter; culture similar to turnip; |
| Rutabaga | Golden Necklace | May | 1 | 4: to July | I | $1 / 2 \mathrm{oz}$. | $15^{\prime \prime} \times \quad 4^{\prime \prime}$ | late planting makes best quality roots. |
| Salsify | Sandwich Island | April | 10 |  |  | 3/4 oz. | $15^{\prime \prime} \times{ }^{\prime \prime}$ | Be careful to get seed thick enough; sow in deep, fine soil to get smooth roots. |
|  |  |  |  |  |  |  | $\mathrm{I}^{\prime \prime} \times 4^{\prime \prime}$ | Sow in rich soil; thin first to $2^{\prime \prime}$ apart; second thinning |
| Spinach | Victoria | April | I | 4: to Sept. | 1 | 1/2 02. | $15^{\prime \prime} \times 4$ | For bush $4^{\prime} \times$ x $3^{\prime}$; enrich hills; thin to two or three plants; |
| Squash, summer | Golden Summer Crook- | May | 1 | June | 1 | 1/4 oz. | $5^{\prime} \times 4^{\prime}$ | protect from bugs. |
| Squash, winter | Hubbard | May | 15 | June | 15 | 1/4 oz. | $6^{\prime} \times 6^{\prime}$ | for borers; protect from squash bugs. |
|  |  |  |  |  |  | 3/4 Oz |  | Sow about half as thick as beets; thin out as soon as well started; cut leaves in gathering $3^{\prime \prime}$ or so above crown. |
| Swiss chard | Lucullus | April | 10 |  |  | 3/4 Oz |  | Enrich hills; use plant support or stake; keep suckers |
| Tomato, Early | Bonnie Best (Chalk's Jewel) | May | 1 P |  |  |  | $4^{\prime} \times 2^{\prime}$ | trimmed off; apply nitrate of soda. <br> Use poison bait for cutworms before setting out; thin |
| Tomato, main crop | Jewel) <br> Stone |  | 15 |  |  |  | $4^{\prime \prime} \times 30^{\prime \prime}$ | fruit clusters if fruit rot appears. |
| Turnip, summer | Amber Globe | April | 10 | 4: to Sept. | 1 | 1/2 oz. | $12^{\prime \prime} \times 3^{\prime \prime}$ | Sow thinly and thin out as soon as possible. |
| Turnip, winter | White Globe | June | 1 | Aug. | I | 1/2 oz. | $12^{\prime \prime} \times \quad 4{ }^{\prime \prime}$ | before harvesting, according to variety. |

## NOTES ON VEGETABLES

"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. even after thinning stand at irrepular dishe seeds are sown near together, and the plants Rows have the plants at regular distances, but so near together that machine cultivation is attempted only between the rowus.
Hills, which are usually especially enriched before planting, are isolated groups or clusters
of plants, generally about equidistant- $3^{\prime}$ or more-each way.
soon as most of the seeds are
${ }^{u p}$ 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 resull.

## 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 carlier in operations. The dates given are for an average season

| SUNDAY | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Then the clouds part, <br> Swallows soaring <br> The spring is alive, na the meadows are green! -Edward Fitzgerald | 1 If you are not new nursery stock as soone as atraves. liny the plants slant- tin ing in a shalilow trench and cover the rooos with soil. roots with soin. | 2 Fhats should be maif ready for the early <br>  sandy loam contain- ing plenty of humus. |  |  |  |  |
|  |  |  |  |  | $12 \begin{gathered}\text { Asparagus planto } \\ \text { start }\end{gathered}$ early in the season to dig in their mulch now, thus avoiding the danger of mjur- ing the stalks. ng the stalks. | 13 Wood ashes from one of the best all around plant stimuborder and let them leach in. |
| $14 \begin{aligned} & \text { Hardy nursery } \\ & \text { atock can be set }\end{aligned}$ out as soon as the ground is free from frost. The earlier becter, to assure madmum season. |  | $16^{\text {Throrough }}$ fornd over it one of the secrets of thaking a yood compost heap. ${ }^{\text {good mixture of the }}$ contents. contents. |  | 18 remedy for naid soit whicy ior turn gardeen tanailure many should tore applied in lime or the land plaster. liser | 19 Planting of peror treeso made last fall should be lax <br>  with the frost, firm it down with the feet. | $\begin{aligned} & 20 \text { Seeds of annual } \\ & \text { flowers, and of } \\ & \text { such vegetables as } \\ & \text { Tomatoes, Peppers } \\ & \text { and Eggplants, may } \\ & \text { be started now in } \\ & \text { tlats kept indoors at } \\ & \text { a sunny window. } \end{aligned}$ |
| 21 The manch which hare lain on the lawn al winter should be raked into piles and den where it is du well into the soil. |  | 23 A well-managed year-round producer. and summer it can Chrysant hemums, potted fruits, etc. | $24 \underset{\substack{\text { Strawberry } \\ \text { mulches } \\ \text { can }}}{ }$ come off now and the soil be given a thorough cultivating. mulch is asplied hater in the season. | $25 \begin{aligned} & \text { Sweet Peas can } \\ & \text { hardyly } \\ & \text { go } \\ & \text { into }\end{aligned}$ the ground too early must get the longest possible start before hot weather sets in on them. |  |  |
| 28 Instead of throwdead leaves. litter or old matched the mune bordat last winter, didy it under around the plants to benefit the plant. soit. |  |  |  | I dreamed that, as I wandered by the way, <br> Bare Winter suddenly was changed to Spring; And gentle odours led my steps astray, <br> Mix'd with a sound of waters murmuring Along a shelving bank of turf, which lay Under a copse, and hardly dared to fling Its green arms round the bosom of the stream, But kiss'd it and then fled, as thou mugntest in dream. |  |  |



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

## O L D <br> E M B R O I D ERIE

(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 Englan recent years, disabled soldiers been taught to make excellent re ductions of the best of the old mc 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 eccl tical embroidery was done by mo well as by nuns; while the finest viving embroideries of the Flore 14th Century are the work of c men-Jacopo Cambi and Geri L. who were proud enough of achievements to embroider their $n$ 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


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## OLD EMBROIDERIES

(Continued from page 122)

frequently to make designs for em broideries, 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 17 th and 18 th 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
mbroidery are too well known to need description.

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

# F I R E P L A C E S 

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 hort side for the fireplace treatment. In a square room a corner may often be the best place. Wherever it is, w should be sure that there is sufficient wall space on either side to lend an appearance of stability. Windows hould 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 loc tion will govern the placing of th fireplace to a certain extent, and, chimneys are costly it is well to attemp to reduce their number as much as pos sible.

The basic principles of good fir place construction are shown in th accompanying diagram.

The opening, proportioned to th room of course, is usually slightl wider than high, though this may $b$ varied infinitely to conform to th architectural treatment of the room.

The depth may vary considerabl according to shape, but should not b less than eighteen inches nor more tha thirty inches.
The throat, preferably provide with a cast iron damper, should be th full width of the opening, and not les than five inches wide and six inche high. It must have an area of at leas one tenth of the area of the opening

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

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

The purpose of the smoke shelf to deflect and return the natural dow 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)


A simple 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.

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LIKE any fine composition -musical, pictorial or literary-a well-decorated home must have a central and carefully followed theme. The skill of the artists and craftsmen of the RorimerBrooks Studios is shown in fitting that theme to the tastes of the home owner, and expressing it in a manner that will be a source of lasting joy and pride

## The RORIMER BROOKS Studios

2232 Euclid Avenue<br>Cleveland, Ohio




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

## F I R E P L A C E S

(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 fire place easy. These should lead into 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 th form of a gas burner located in th hearth at the rear of the fireplace, an is controlled by a valve at the side.

Superheating devices by which air supply the fire is first brought in und the hearth and so partially heated, an auxiliary flues which pass back of th fireplace and carry warm air by con vection to other parts of the house have been devised, but are not com monly employed.

We are familiar with the delight fully simple Colonial fireplace, with its red brick and white mantel, bu there are many ways in which the fire place can be treated to give it novelty and added interest, without violating the architectural verities. Mat-finishec tiles in warm tones can be used in place of brick for hearths and facings or the hearth may be raised a couple of inches from the floor. The over mantel can be omitted entirely anc merely an interesting stone, tile plaster moulding used to enframe th opening. Very interesting effects c be obtained with the fireplace of un usual proportions. The opening may be eighteen inches wide by three feet high, with the hearth raised a foot or 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 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.
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 fiverpas senger sedan is ${ }^{\$} 2585$ at the factory, and may be purchased on a business-like monthly payment plan.

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TIME to bring Spring into your home! Nowwhether 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.
 are shown in the Home Decorating Department.

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# $A$ Tavestr--INsunetd linfin 

## with the rich and brilliant

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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 greengay 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 flowerladen 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 Schu macher fabrics may be seen by arrange-
ment with your decorator or upholsterer, or the decorating service of your department store. They will also attend to their purchase for you.

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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 E. Schumacher \& Co., Dept. E3, 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.



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 Playboyand make it carmine. A friendly pilot in a coon skin coat-a road that never ends-and I don't care where we go.

# 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."

## $\cdots$ N N

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

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.

[^11]

## Read what one woman says:

Lambert Pharmacal Co.
St. Louis, Mo.
Sirs: I am inordinately proud of my bair and when, about two years ago, I found I bad excessive dandruff, gave me considerable worry. I bad read of Listerine for dandruff but dia not know much about it. Finally after continued, tho futile, use of bigh-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 bappy about it I fel moved to write this.

Sincerely,
Miss
Sept. 6, 1925
Oklaboma City

## "It's almost a miracle!"

SIOMEONE 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.


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The new diamond ornaments-borses, elepbants, birds, butterflies, cats, dogs of every breed and description, may be worn either as broocbes or hat decorations. Our large stock permits a choice from many favorite animals.


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.
(Continued from page 103)
and break into mist will make a color ful 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. I 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 : 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, mosscovered, and overshadowed by trees. From such a pool, apparently fed by underground springs, the water can cither be piped or allowed to overflow 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 $6^{\prime \prime}$ 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 : 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 be continual enough to keep the so damp.

In the city the outlet should be in the sewer. Even if one wants the su plus water for a bog garden, meat should be provided for caring for th excess rainfall, especially in the wint when the ground is frozen.

If no sewer is near, a huge dry well, varying in size from 80 cub feet in light soil to 300 or more cub feet in clay, filled with stones within a foot of the top of the groun will carry off an astonishing amou of water, provided, of course, that does not become filled with soil wate

A screen should always cover eve pipe opening, whether it is inlet outlet. Copper fly-screen does well fo small pipes, but it should be backe with a coarser, stronger wire whe the pipe opening is greater than 1

## important details

Goldfish in the larger pools w keep in check the mosquito wriggle Usually the flow of water through $t$ smaller pools will keep them free

Miniature icicles of cement dan ened with lampblack molded onto lip of the falls will guide the wat over in several places instead of lowing the drops to merge into o stream. They also correct the tendenc that the water has for running dow the wall behind the fall.

If shallow pools, an inch or tw deep, are made in the runways below the little falls, the water make a much more pleasing soun than it does when it strikes direct on the stone below. A ridge of darl ened cement or a flat stone placed the stream bed will hold back enoug water to give this added sound.

Where the water can be allowed course down a stony path in crevasse between the steps a very interesting pic ture results. With a little ingenuit and the right material, one can easil construct such a waterway to look lik a century-old brook that is graduall drying up, permitting one to walk u its former bed.

In some sections of the countr stones can be secured that contain large amount of mica. These, whe used as part of the waterways, ad much to the "life" and sparkle of t water as the sun shines on them.

As the presence of water in broo and swamps is always associated our minds with thrifty vegetation a certain type, the use of this sort plant-life in our rock garden near th brooklet and pools will give an of age and permanence.

Moss is perhaps the most usefu member of the plant kingdom to giv an impression of age. It is easy transplant provided one secures kind that are growing naturally in such place as that in which he desires use it. Strips of it can be secure from moist stones and tucked int corners near the waterline of the pool under the waterfall, and along th runway. Whole sheets of it can b used to cap stones with, provided on end can be arranged to dip into the
(Continued on page 132)

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## $H_{\text {ere }}$ is




# An Answer to the Problem of Proper Selection 

$\mathcal{L}$ EADING Interior Decorators have $\mathcal{W}$ made the statement that, "A single lighting fixture not in harmony with the general decorative scheme can mar the beauty of an otherwise charming interior." A pair of eyes and a bit of good taste are the only requirements needed by the average person to judge the accuracy of this statement.
If you contemplate making further improvements in your home you must consider the adequacy of your present lighting fixtures. They must be decorative. They must enhance the beauty of every room. Do they? Are their colorings and designs in keeping with your furniture, your rugs, your general color scheme?
If you are building a home you will want full information on the decorative possibilities offered by Lion Lighting Ap. pointments. We are offering free of cost and obligation a beautiful booklet called "Symphonies in Residence Lighting." It is illustrated in full color and its text contains many helpful hints on decorative illumination.
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NAME
ADDRESS

## WATER IN THE ROCK GARDE

(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 this connection. A miniature fore of that odd little Spruce, Picea e: celsa 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 charmingly to blanketing the poo 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 ; 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 bodie buffet of that particular epoch.
Another peculiarity of Alsatian fur niture, even of the French period, its colored decoration, done either i veneer or marquetry, often in 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 no wise was it influenced by the prox imity of its neighbor, and its tradition consisting of delicate and elegant line and the soberest carvings is distinctly French.

The Renaissance made but littl impression in Lorraine. This is easily explainable since at this period as wel as during part of the 17 th Century th entire province was manifestly th stamping ground of all Europe, un ceasingly trodden by warriors of al kinds. Living itself was so precariou that household furniture was in conse quence most summary. It was not unti the 17 th Century that true Lorraing furniture made its appearance. We first see the wardrobes made "double bodied," as of Burgundian inspiration and as the century advanced Loui XIII pieces, extremely simplified, be gan to appear. It is well worth notin that harshness is the predominating trait of Lorraine furniture until well into the 18 th Century.

Under the reign of Louis XV Lor raine 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 WildCherry) were the materials most employed by the cabinet makers of Nancy and Sargamines, Metz and Lunneville, Epinal and Commercy.
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)

# distinguished guest arrives 

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.

For the texture
 of WAMSUTTA PERCALE is softer and smoother to the touch than that of any other sheeting made. Both sheets and


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 cannottear at the edges.

Judged by fineness, lightness and length of wear, wamsutta PERCALE is really quite inexpensive. It wears like linen, yet does not cost so much for laundry, and it does not wrinkle so easily.

Your best stores will show you WAMSUTTA PERCALE in a variety of effective styles. The green and gold label is your assurance that you are buying "guest room quality."

## IS WAMSUTTA PERCALE EXPENSIVE?

If there could be a "wear meter" attached to wamsutta percale sheets and pillow cases and the amount of wear could be measured and paid for just as you do for your electric light current, you would find wamsutta surprisingly economical to use. The famous Millard laundry test has proved wamsutta perCALE to be much stronger than 24 other brands representative of the best sheetings on the market. Measured by its length of service, wamsutta percale is really most inexpensive.

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## When you build your home in the Land of the Sun

Glowing tiles . . . tinted stucco . . . a multi-colored picture beneath a vivid sky . . a doorway such as one might see along the azure Mediterranean. How beautiful! But how important is its every detail.

For your doorway-in Florida, California, and northern climes as well-Sargent prescribes the handle shown below. It is of solid, time-defying brass impervious to salt air and finished in black and green. Connecting as it does with a Sargent cylinder lock-this piece is infinitely more than so much Spanish atmosphere. There are Sargent locks and hardware for practically every style of architecture. Select them with your architect. Sargent \& Company, Hardware Manufacturers, 31 Water Street, New Haven, Conn.

## SARGENT

LOCKS AND HARDWARE


## FURNITURE OF ALSAC

(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 proximity 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 18 th Century, are the fundamental pieces of

Lorraine furniture. But the piece th is essentially characteristic is the chin cupboard, composed of a long lo buffet with several doors, surmounte by graduated shelves on which. $t$ plates and vases were exhibited, ser ing at the same time as a decorati 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 anothe until some of the pieces have as mar as six. The hanging shelves for plat lengthened out in proportion, at often the china cupboard becan really complicated architecturall Uniting all its drawers in the midd of the lower buffet, as a substitute f the ordinary central panel, it plac them one above the other, formi a commode. Likewise the hangir shelves grew narrower and shorte gradually surmounting only the con mode or central section, and beir flanked on both ends by small close cupboards, corresponding in measu to the ones below. The whole topped by a straight molding corni even under Louis XV. The effect such a piece with its mellow gold patine is both pleasing and imposin

Along these broad general lines th furniture of Lorraine lived and flou ished right up until 1875. Much of was destroyed by the wars of the la half-century, and local museums, an ious to preserve the national characte are seeking to reconstitute whole i teriors. The Ducal palace at Nanc the Museum of the German Gate Metz, the municipal collections Remiremont, Epinal and the Old Mis at Vic-sur-Seille, are the most inter esting to visit.

Note:-M. Longnon's next article, the A pril issue, will consider the rust 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 pediment.

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. It the homes of the rich, doors we made of mahogany and the doo hardware, knockers, hinges, etc., o silver. Most people had door fitting of wrought iron or brass on doors o oak or other domestic wood.

Fan and side lights for doorway were much in use. They were quit heavily leaded, the glass being worke into a great variety of interestin designs.
In the earlier days of the Colonia period the windows and window frames were extremely simple, th windows usually being of the doubl hung variety and containing twenty four or thirty-two panes of glass divided by heavy wood muntins. A more attention was gradually paid to windows and window decoration became more elaborate, architraves of
(Continued on page 148)


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.
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## —says America's great wood jury

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Above, in the circle, is a section of the Judd Bluebird Single Rod, shown actual size. Note the three stiffening ribs that prevent the rod from sagging.

You can see the Can'tFall 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 creen on the further side. Visitors throw offerings of cash to the sacred fost 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 put 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 Lotuspond where most of the year great disk-like leaves of jade green hue rise
above the water and are mirrored its surface. When the Lotus blooms subtle transformation comes over th garden as with a beautiful woman' presence. Imagine a Waterlily, large and full, with dart-shaped petals snowy white or delicate pink veine 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 recalling 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


$\mathcal{T}$O 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. $\ggg \ggg \gg$ TOf 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. TILES

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.
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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, Drag-on-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 feast.
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 secd sight.

Within the moon gate landse gardening on a large scale is less $f$ quently found than the small gard Usually the Chinese landscape garder develops his larger plants about so natural feature such as a lake or mot tain grotto or rocky cliff. At Summer Palace near Peking a shall lake forming an island connected w the shore by a camel's back bridge marble is the central feature. I 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 the Canton Christian College is a go example of modern Chinese gardenir on a large scale. Some twenty yea ago the site was an abandoned grav yard with little foliage to hide ti naked ground dotted here and the with forgotten graves. Today th campus is an arboretum of trees an plants from all over the tropic worl

EASTERN AND WESTERN LANDSCAPIN
In the layout of the College ga dens there is a pleasing mingling o Eastern and Western thought, an im perceptible merging of the East an West which symbolizes the spirit o the institution, for the College is a co operative undertaking supported an administered as much by Chinese as b Americans. Cultural reciprocity whic is the aim of the academic life of th college is reflected in the ground Long vistas framed by stately tre portray the mathematical minds of th West. The Tea House with fancifu curving roof lines which stands nea the center of the flower garden recall the imagination of the East.

This blending of the two culture found on the campus suggests possi bilities for the American garden Many of the charming elements withit the moon gate could add distinction te our American gardens. Discreet bor rowing would add an intellectual not which our gardens usually lack. W see the outward aspect of a tree o flower but are blind to the philosophy of Nature. From the Chinese gardene we may learn to make our gardens at tractive 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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Complete exhibitions of Fortuny Prints are soon to be held in a number of American cities. Watch for an announcement in your city. 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 ou own American lines, and not for al ject imitation. American garden mosphere and design are still in th making, even as is American arch tecture.

So that, even in the building of a American garden, we must have for mality of line. Regarding the for mal garden as against the informal I confess strongly to the need of for mality of line near the house. Th only exception to this is a very smal house in the cottage style or a bun galow in the woods-yet even th woodsy bungalow is fascinating unde the spirit of a simple, formal gar den.
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 th outline of the ground in which it to lie. It should certainly be proportion to the house, both as 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 lislp lead the eve to the Elm that is the apex of the vista

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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

(Contimued 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 gal Rose garden, spring garden, tea 1 bowling green, etc., they must some bearing on this garden either the same axis or lines suppo by it. A garden axis which is the axis of the driveway turnar (on the other side of the house course) makes an excellent, com plan as seen on paper; and all pactness 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 so for a foil of green as does the vert. When steps are not to be wa on too much they are very lovel sodded, and give, of course, the race idea. . In gardens of two 1 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, Iri 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 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 stan Wistaria as a background for things, as in an Iris and Peony den, is very beautiful.
All gardens along formal should have an enclosure, not only privacy but as a limitation to the so that it can focus and be hel attention on this special area-ot 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 1+8)



Every nightthe soft radiance of candles

The bewitching, mellow gleam of candlelight on a bowl of fruit, a fragile teacup, snowy linen! Tiny tongues of flame, wavering ever so slightly above true-burning shafts of white -or pallid blue-or golden daffodil. The clever hostess knows the enchantment that candle-flame lends her table . . . knows the twinkle it awakens in silver and crystal . . . the loveliness it summons about herself! She sets a gay little wistful light burning at the tip of many a candle. And always she chooses Atlantic Candles-for she knows these candles burn without smoke, odor or dripping; that they make a flame which is ever clean and pure. See the many styles and colors of Atlantic Candles at art, gift or house-furnishing shops. Beautiful hand-dipped and stately moulded shapes. Send for free booklet, "Candleglow." The Atlantic Refining Company, Philadelphia.

## ATLANTIC CANDLES

## WHAT IS GARDEN DESIGN?

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 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 thingss 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 weatker and, originally, against hostile tribes of Indians.

About the middle of the 18 th 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 18 th 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.

This group and other delightful Elgin A. Simonds productions are shown by Dealers of Distinction everywhere. Write for the name of the nearest.

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JUST spread your Tontine Shade over a table, and wash it with soap, water and a brush. Back comes its original newness in all its harmonious, colorful beauty.

Tontine Shades may be washed as often as dustladen air or children's finger-prints make it necessary. They are unmatched for durability.

No fear of cracking, or flaking, or fraying . . . no fear of fading. No longer need you replace your window shades. With Tontine you simply renew their beauty as you do your rugs, your furniture, or your draperies.

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## WASHARLE <br> TONTINE

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## LE JARDIN DE MON GRAND-PĖ

(Continued from page 80)
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 altogether 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
did not know them well or he d care for the yellow color, or pc he had not been able to get them. had always given us the Althea biscus syriacus) which from A till the end of September gat superb flowers-great, tender, r mauve flowers marked with bro the throat, carried on their branching stems. The whole forn shrub from one to two and a meters high, sometimes more. B Italy, where the management hat the happy idea of planting them the railroad tracks, I have see best specimens of them. They them of all colors from dark vio pure white and always marked the dark touch at the throat. It of the most precious of plant autumn, the decoration of the g
honeysuckle and Jasmine
We also had vines climbing ove house on a trellis specially madd 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 is Midi. We used to stay up in the ing to surprise the nocturnal bu flies that hovered over its bloss Above all it was the Jasmine tha chanted us. Grandfather had pl two roots of it on either side door of the house and the perfum 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 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. you still see in some old gardens ultra-modern ones. They have beauty but they are more prac When the Tea Rose first appear was added to the collection. We well taken in, discomfited, when found that it did not smell of te

Then there were our perenn planted in mixed groups, which 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, 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 flo were lilac or white, clear deep and dark blue. A bed of golden cuses and another of silvery w filled us with joy in the montl March. There were, too, the si Hyacinths, that were left in the gro all summer without taking them (which one ought to do if one $m$ to keep the flowers large), in beautiful clusters, delicate pink clear blue or again pure white.

In a shaded border my grandfa
(Continued on page 154)


## Modern brides are changing the solid silver trend

$\mathbb{N}$EW 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 meer Its cover is a bride's dream, in old rose and silver. Its contents area bride's hope-in picture and story....Presents wonderful full-size plares, showing ten designs in flatsil verand hollowware,
and $\begin{aligned} & \text { giving prices. Please write your name and address below and }\end{aligned}$ 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 ${ }^{\text {d }}$ 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 F R E E D O M symbolized in American furniture 

ALITTLE 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 Salem," 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

McIntire chairs and sofas, in the pediments 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

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.


A tambour desk with serpentine base and McIntire eagle in the pediment

The Washington Desk, one of the finest examples of 18 th Century American craftsmanship
furniture design. It is in the heart of the classical revival of the 18th Century, or Third Period. In that year Washington sat at the famous desk now in the New York City Hall, and presided over our first Congress.

In that year also he visited New England. Standing on the balcony of the courthouse 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 tater 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


## LII $\mathbb{N} C O L \mathbb{N}$


解, RCA Radiolas achieve reality by duplicating volume as well as tone

HTERE is radio dance music that you $^{\text {E }}$ can dance to in a great hall. It is loud and full as the orchestra itselftalk 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 begond 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 th 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 controll! With the new RCA Loudspeaker 104, it is operated entirely without bat-teries-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
MADE BY THE MAKERS OF•RADIOTRONS



MEven 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.

## Ffeiploom Plate <br> From Generation to Generation

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4

LE JARDIN DE MON GRAND-PÈR
(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 pallida, 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 $f l . p l$., 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. Wh life in its red-brown flower whic gave out a strong odor of the Wil Strawberry! It is the Potentilla atr sanguinea of Himalaya, but we thougl it was the American Strawberry!

The one of the plants that did t best in my mother's bouquets was $t$ Siberian Veronica, V. longifoli, There was the Bee Balm, howeve that gave the most pleasure to mother, because of the aromatic od of the leaves as well as from the flow ers, vivid carmine pink like the Cock comb. A little branch of its foliag perfumed the whole bouquet. That why we have named it perennial Basi That variety Monarda purpurea w given me by my mother who loved as her eyes. I have it still at Florair

Toward the end of the summer an in the autumn, we had the Harve flowers or the hardy Asters, in fo varieties, though our gardens toda have several hundred. The most de sirable was that one called the "Ga: dener's Tear" because it would appe quite the last on the garden scene is the Aster ericoides whose myriads little white flowers hidden in the mis foliage made a delightful showin in November.

In the shady places my grandfath had planted appropriate varieties, th Hemerocallis of Japan, Funkia s boldi, whose large leaves of brigh green, exquisitely veined, setting fort the pure white flowers with the fra grance of Madonna Lily, were the de light of the old garden. There wen two large clumps called the "Despa of the Painter", because the flower tipped with bright pink points mo difficult to show, they are so numerou
There is a beautiful plant for shady places, Saxifraga umbrosa, th I have been lucky enough to fin growing in its native state in th Pyrenees. The English call it Lon don Pride, because it does well even i the heart of London itself. In th shade of the Pines there was a littl Holly with bright red berries.

Toward the end of summer then were still two varieties of Chrysan 'themums of the pompom form tha one rarely meets today. Then w must not forget the Verge d'Or, tha upstanding panicle that attracts th 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 Georgine thirty varieties that were carried the cellar every autumn where th bulbs could be kept dry and warm. the springtime he brought them again and they were planted very car fully after a design settled upon advance so that the highest should 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 witl red, and so on. They are stiff an proud, perfect but without any beauty Grandfather, who was patriotic to
(Continued on page 156)


Wood Cork Wood Cork Porcelain


Cross section of Jewett walls-top, bottom and sides-twice as thick as ordinary refrigerators and insu lated 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.

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 $1849 \quad$ Buffalo, New York

# LE JARDIN DE MON GRAND-PERE 

(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 w found again the double Girarde with white flowers! We had thought neve to see it again. And when we could put our hands on the delicate little hardy Forget-me-not which we ha seen, a border through a grille! Wa it not a source of delight? I shall re call all my days the pleasure we fel when a friend gave us a cutting o dwarf hardy Phlox that we had ne seen (Phlox reptans) and when discovered that in the Asparagus bed changed by the farmer to whom it ha been necessary to rent the property they had let grow again the famot double pink Bindweed which clung s closely to the stems of the Asparagu 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 it 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 left 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 im pressions will never pass away, and what you give them of artistic appre ciation will remain forever. In lead ing 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 lives and to their old age. They will bless your memory. My forebears have been workers and they have toiled on the land of French Switzerland. This they did with devotion to that One who is on high, the "Ce que leno" or the old Genevois of the Escalade
after the sowing
Here is what I found in the Journa 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 meas ured pace. Now the light was fading. I see yet that wrinkled face, those calloused 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 th 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.



## 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.

## (2hx Tunnitue Shon <br> Division of The Luce Furniture Shops

 840 MONROE AVE. GRAND RAPIDS, MICH.

## WHY I'D CHOOSE LARKSPUR

(Continuel 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 I've 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 seedlings.
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 ${ }^{t}$ crowns to discourage the hungry s of early spring, and then give usual covering of leaves, pine boug 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 leay with the same every two weeks duri spring. Or you can use the follow spray with which to drench ground and cover the leaves-a pou 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 usir put one part of the solution to parts water. Stir the soil and $p$ this around the roots every ten d until five applications have be made. Start with the first appe: ance of the leaves.

## Weather troubles

In very damp weather I have 1 Larkspurs rot off at the base and so chewed off by cut worms. The lat can be poisoned and the former re edied 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 st port them. A good wind will s them off. We cannot help a hot spe but we can stake our Larkspurs so tl 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 Delphinium sulphureum, or Zalil, a the orange, $D$. nudicaule, are negli ble in the border. They are really disappointment and can only be ca sidered as curiosities in the East. T white type, D. moerheimei, is wo having if you can get it really wh So many of the whites are reminisc of last week's wash before it w to the laundry. $D$. formosum is old-fashioned dark blue and $D$. be 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 $y$ worth its place. In the taller ki there is a vast range of blues, mau and purples enough to satisfy the $m$ exacting. And in the strains you $h$ a dozen or so to choose fromHood 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 a Hollyhock type and is a joy grow and to behold.
As for the annual larkspursthey are another story!


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 Drdinary building materials do not effectively top heat. No matter how solidly your house is puilt, 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 winter varm, summer-cool . . . economical to heat . . . ree from draughts . . . quiet . . . strong.

Just as Celotex gives comfort and health protec tion 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))
CETOTEX

## Build for winter-warmth,

 summer-coolthOrdinary 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.

(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 build ing progress. Use this coupon for a free copy.


## fou Owe them

 this great health protection

## make their playground draughtproof with



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.

## 20 to $40 \%$ Fuel Saving

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 draperiesthe 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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80 Sales and Service Offices Throughout the United States
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factory trained Chamfactory trained Cha
berlin mechanics.


Hartmann-Sandors Shelterhouse

## Beautified by <br> 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 HartmannSanders 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 cxhibit at the International Flower Show, Grand Central
Palace, Now 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.

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Pergolas
Rose Arbors
Colonial
Entrances


Garden Equipment
and Accessories

## The New, Easy, Electric Way thaveBeautiful Waxed Floors

## 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 yourfloors 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" RACINE, WISCONSIN

Loums/


In this bathroom is a new Gold Seal Inlaid - Belfor Pattern No. 7151-5. Notice the square blocks, straight with the goods. In the bedroom the brown and tan of Belfor 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 Belfor 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.

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Dutch Tile effects are always popular for the lichen. 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 Belfor Pattern No. 7150-5


Look for this Gold Seal when you buy!

## GOLD SEAL INLAID



A New-Style Kitchen as Arranged by J. Floyd Yewell-Architect

## WHAT IS HAPPENING TO THE KITCHEN?

GONE is the last relic of old-fashionedness. 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 gawkyand 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?


WITH SUPER VULCAN BURNERS


## 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; ir 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.

## Super

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 writhout 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 Planthe New-StyleKitchen" Contains beautiful full color illustrations of 6 newstyle 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 "leftited by Sarah Field Splint. 25 c in stamps.

Please check the coupon, and mail

[^13]

## INTERNATIONAL CASEMENTS



Residence Riverdale, New York

Julius Gregory Architect

T${ }^{1}$ HE 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.


## JAMESTOWN, NEW YORK

## FREE!

Which one shall we send you?
2 Wonderful Booklets on Interior Decoration


Fine American Reproduction in the Style of 17 th Century Enghsh

## 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 beauti- can Walnut."
ful American Walnut in the manner of bygone periods of interior-decorative greatness.
Simply for the planning of it, Nature can playa 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 learningthe 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 preferBOOKLET 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 Americar Walnut."
"THIS IS THE AGE OF WALNUT"

## Wabindit

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 "turnoff" 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 arenow "specified and used with pride for many of the foremost building developments in the country.


No. 990 Duplex Bakelite Convenience Outlet (Brown or Black) A complete. double electric outlet for
"plugging in" two applances at the same time.
List Price (complete)
$\$ 1.00$ each


No. 6170 Convenience Outlet, with Signal
Pilot light operates by inserting plug cap n outhet. Eliminates possibility of "pluy ind forgetting to disconnect when called iway for some other duty.
ist Price (complete).
$\$ 3.00$ each
Ask your architect or electrical dealer about CONNECTICUT-BAKELITE wiring devices


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 backa definite indication of their quality. Manufacturers of high grade wiring devices for 20 years

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34 Natoma Stree
CONNECTICUT "A-1" DEVICES

## A PROSPECTOF GARDENIN

(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 horticlltural 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 instinctthey 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, decreasing in greenhouse subjects, in this field I fear we face a real deplorable loss. I am informed t private houses are increasing in nu ber, but they are used mostly as serv adjuncts for the growing of flowers and bedding-plants, and pot-plants for the residence rather th as an integer of a home or estate or extension of the residence in whi real greenhouse and hothouse plar are reared for their own intere These old plants are all undoubted in existence somewhere in the countr 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 do not now expect to see the priva Palm house or the old collections Begonias, Selaginellas, Ferns, Nepe thes, Bromeliads, Heaths, Dracaen and Dieffenbachias, Anthuriums at Alocasias, and general "foliage plants The Palms illustrate the case wel they are now grown more extensive than ever before but for decoratio as in hotels and halls; they are scarce hothouse or greenhouse subjects in th former sense. The price of labor, $c$ 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 w such peculiar possibilities and none $t$ more exactly displays the love plants. We need here a real reviv Great numbers of new plants wou soon be available to meet a renewe interest in this noble branch of hort culture.

## EPOCHS AND BACKGROUND

Some of the tendencies in garder ing may be social and imitative ph nomena. In one epoch it may be t water-garden, color-garden, perfum garden, rock-garden, or winter-garde This is all well and to the good back of it lies the real feeling of $t$ gardener. To develop this backgrou demands a kind of instruction an training in which we are not yet pr ficient. We are not willing to gi sufficient time and pains to such trair ing.
All these enthusiasms constitute th lover of plants. On him depends th maintenance of the ideals. He is def nitely beginning to find himself in th midst of the commercialism of $t b$ time. I would not discourage th commercialism, but I hope for mos artistry in it. Diversity in plant m: terial is to be encouraged. The perm: nent significance of horticulture as contribution to happiness rests broad] with the amateur spirit; this spir should be quickened. In this directie lies the needful versatility in Amer can gardening.


## 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.

## Mlloyd <br> Surniture EBaby Carriages

 ,
## Let this Yale 44 Automatic Deadlatch guard your treasures

Alone at night. The sound of stealthy tampering at
he door! But quiet confidence within - There's a Yale
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 forgetfulness 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. Yale marked is yale made
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## Symbol of Happiness, is the Roper Complete <br> 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 ENAMEL:

## (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 thes 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, floors, floorcovering, floral ornaments on furniture, etc., flower pots, furnace pipes lamps, lamp shades, leather articles, mantelpieces, matting, metal, moldings, oil cloth, oil paintings, on 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 necessari. coated with fine varnish and boa need varnish which salt water, gasoline, fog, snow and rain will n turn white.

What to avoid
Now, all things of value have is from which even flesh is not exemp And here might be listed some va nish and enamel maladies which of course be circumvented. Primar these difficulties are due briefly the use of poor materials, to skilled or careless application, to foreseen and unpreventable tions of weather or atmosphere to a general careless attitude.

We must mention specifically important malady attacking varnis and that is whitening. Most varnish when exposed to moisture will whit get the sort that does not. Temp rary whitening is a physical rath than chemical reaction and com back to original color. Permane whitening surface often is due hemical reaction and when this curs the life of the varnish is ende

This whitening of varnish has be real bother. It is joyous to have coat of varnish on the dresser alcohol and water cannot hurt a relief, too, to have non-whiten varnish on the piano, for then if vase of flowers happens to spill yo varnish will not hold the souve f error. We have on our dresser coat of varnish, and when we sp perfume it makes no record.

When selecting varnish and enam first consider the use for which y vant them. Then consider carefu the maker and his reputation. A che varnish or enamel is a poor one, they must be of the best ingredie mixed with the greatest care.
The only way to tell if you ha a resistant varnish is to buy from best or test a few kinds by cover the same sort of surfaces under si ilar conditions and by asking friends about varnish luck.
Enamels come in standard colo but these may be blended to prod every conceivable color and togetl with the varnish body and the col become beautifying to everything which they are adapted. From glassy to the dull mat finish, enameled surface can charm the and besides protect the surface o which it is spread. But rememb it covers wood grain because it opaque-which is its charm.
Before ending it might be well explain what lacquers are in order prevent confusion. These are high transparent varnishes for met They produce a slight lustrous fil and, by excluding gases and vapo preserve the luster. In some cases th are finished by heating and in oth are simply dryed by contact w the air.


## Your Plumbing Store has something new to show you <br> Modern plumbing equipment has been re



ABOVE is the Hays Mova Combination Sink Fixture described in the next
Note Salumn.
Safety Strainer on end of spout


THIS is the Haysco Automatic Stop and wheel on the Haysco Automatic shuts off Automatic shuts off
the incoming water and drains the lines at the ame time, avoiding all possibility of freezing.


HAYS Mova Laundry ray Fixture has large
vaterway 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.
designed 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.
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.


## If it Doesn't Sell Ilself dont Keep il

AMAYTAG 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, georg ettes, 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 attradive booklet describing Oshkosh
Trunks will be sent you on request to 450 High Street, Oshkosh, Wisconsin.

THE OSHKOSH TRUNK COMPANY Osbkosh, Wisconsin, and New York City

## OSHKOSH TRUNKS

SHRUBS FOR TEN REGIONS (Continued from page 101)
-Goldenbells; Kalmia LatifoliaMountain Laurel; Kolkwitzia amabilis -Beauty-bush; Lilacs; Magnolia stel-lata-Star Magnolia; Spiraea henryi -Henry Spirea; Rosa hugonisHugonis Rose.

Region of Eastern New York and Pennsylvania

Azaleas, American and Asiatic, deciduous; Cotoneaster InupehensisHupeh Cotoneaster; Cydonia japonica -Flowering Quince; Forsythia intermedia spectabilis-Goldenbells; Kolkwitzia amabilis-Beauty-bush; Lilacs; Lonicera korolkowi-Blueleaf Honeysuckle; Magnolia stellata-Star Magnolia; Philadelphus lemoinei hybridsLemoine Mockorange; Prunus triloba -Flowering Plum; Rosa luugonisHugonis Rose; Viburmum carlesiClove Viburnum.

Region of Chicago to Minneapolis and St. Louis

Berberis thunbergi-Japanese Barberry; Caragana arborescens and va-rieties-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 hy-bridus-Ceanothus; Cistus Ladaniferus -Gum Rockrose; Cytisus multiflorus -White Spanish Broom; Deutzias in variety; Forsythia intermedia specta-bilis-Goldenbells; Hydrangea macro-phylla-House Hydrangea; Magnolia parvifiora-Oyama Magnolia; Philadelphus microphyllus-Littleleaf Mockorange ; Prunus triloba-Flowering Plum; Pyracantha coccinea-Scarlet Firethorn; Viburnum fragransFragrant Viburnum.

Region of Charleston, S. Carolina
Azaleas, Indian and Kurume; Camellia japonica-Common Camellia; Dapline odora-Winter Daphne; E:lcryphia 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-Brazil ian Abutilon; Callistemon speciosusShowy Bottlebrush; Choisya ternata-Mexican-orange; Citrus japonicaKumquat; Daplune odora-Winter Daphne; Jasminum primulinumPrimrose Jasmine; Myrtus communis -True Myrtle; Olearia haasti-Daisy ree; Osmanthus delavayi-Delavay Osmanthus; Pieris formosa-Hima layan Andromeda; Pittosporum tobira -Tobira; Viburnum tinus-Laurus tinus.

Pacific Coast Region of Los Angeles

Buddleia asiatica-White Butter flybush; Caesalpinia gilliesi; Calliste mon coccineus-Scarlet Bottlebrush Crinodendron hookeri-Crimson Lily tree; Cytisus canariensis-Canary Broom; Desfontainea spinosa-Flam ing-bells; Erica melanthera-Black eyed Heath; Jasminum primulinumPrimrose Jasmine; Lagerstroemia in dica-Crapemyrtle; Leptospermun scoparium nicholli-Red Tea-tree Pyracantia crenulata and varietiesNepal Firethorn; Tibouchina semi decandra-Brazilian Glorybush.

## Pacific Coast Region of San Francisco

Azaleas, Kurume; Ceanothus azureu. -Azure Ceanothus; Cotoneaster pan nosa-Silverleaf Cotoneaster; Erica lusitanica-Iberian Heath; Escallonia macrantha-Escallonia; Eucryphia pinnatifida-Chilean Rose; Gaya ly alli-Ribbon-wood; Jasminum primut linum-Primrose Jasmine; Lonicera nitida-Box Honeysuckle; Eugeni. apiculata-Shortleaf Eugenia; Olearia haasti-Daisytree; Raphiolepis um-bellata-Yeddo-hawthorn.

Pacific Coast, Portland, Oregon to Vancouver

Azaleas and Rhododendrons; Ber beris stenophylla-Rosemary Barberry Cotoneaster salicifolia-Willowleaf Cotoneaster; Cytisus scoparius andre anus-Paradise Broom; Enkianthu campanulatus-Redvein Enkianthus Forsythia intermedia spectabilis-Goldenbells; Fuchsia magellanica and va-rieties-Magellan Fuchsia; Hydran gea macrophylla-House Hydrangea; Osmanthus delavayi-Delavay Os manthus; Pyracantha coccinea lalande -Laland Firethorn; Viburnum tinu -Laurustinus; Zenobia pulverulenta -Dusty Zenobia.


## The Economical Home

CYONSIDER it alone from the stand1 point 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.

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${ }_{1128}$ Fulton Building + Pittsburgh, Pa.

## NATCO ноиоwвulibina 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 break fast 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


Write us-we shall be glad to help you solve yourparticularkitchen planning problems.



MADE OF STEEL

"It's a Pleasure to work in a kitchen like this - "

A kitchen that's modern-efficient and sanitarybright, 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 spacesimply 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. <br> Established 1840

# Sconard Opleanable REFRIGERATOR 

"Like a Clean China Dish"


The refrigera here shown All-Porcelain, side and outs

## Women who sing at their wor HE New Leonard Cleanable in the kitchen is a help to goc

Tcheer in the home. Solving the problem of safe food, it is a agent of happiness and health. As the housewife's efficient serva it saves its cost in unwasted food, helps in ways of thrift; mak 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 Con pressed Corkboard insulation, sealed with wool felt. No heat ca pass 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.Porcelainextendsclear 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-Theidentifyingmarkthe 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 unexcell for Ice and Electrical refrigeration. A size and style for every purse. Ma dealers sell on the Partial Payme Plan. A small down payment will P one of these excellent refrigerators your home. See the Leonard deal If you cannot find him, write us and will see that you are supplied.

Just say "Send Catalog" and our illustrated catalog of mat styles and sizes of refrigerators will mailed you immediately, together wi sample of porcelain and Mr.Leonarc 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 eratorimprovements


W alls insulated with Compressed Corkboard $11 / 2$ inches thick, sealed with wool felt; equal in insulating value to a 24 -inch brick wall

One out of every refrigerators sol
is made by Leonar

Over Two Milli in Use


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 healthgiving, humidified air; if you want the smallest coal bills you ever hadthen 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.

## The Kelsey <br> warm air gemerator <br> (Trade Mark Registered)

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Dealers: Principal Cities


## Good Buildings Deserve Good Hardware



If buildings are built to live in-their hardware should be good to live with
F you ran your fingers over this graceful Corbin 1 Lever Handle-felt the sturdiness of its finely finished brass-saw its beauty on yourown 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 buildwhatever you build.
P. $\mathcal{G}$ F. CORBIN $\begin{gathered}\text { sisce } \\ \text { ise } \\ \text { new britain } \\ \text { CONNECTICUT }\end{gathered}$

The American Hardware Corporation, Sucessor
Chiladelphia
Nhicago


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 oflockingisdistinctive. No well-informed traveler will buy a trunk today without first inspecting the Wheary Wardrola, inthosedistinguished stores and shops where the foremost merchandise is displayed.
Wheary Trunk Company, Racine, Wis.

## WHEARY

Cushioned Gop
WAR D R OLA


The Trunk that
Rolls Open

## L I L A C S <br> (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 Lillacs

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 suci in our catalogs. It is apparently not known when the first named forms of Syringa vulgaris were introduced, but varietics 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 LibertDaminont 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 i 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, as it was originally christened, Andenken 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 : 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 Brussels 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)

##  <br> French <br> $H_{\text {and }} \mathbf{M a d e} \mathrm{F}_{\text {urniture }}$ <br> 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. <br> If your dealer does not handle French Furniture, write us. We will see that you are satisfactorily served. <br>  <br> Branded underneath every piece, this mark is a guarantee of quality <br> WM. A. FRENCH \& CO. <br> Interior Decorators <br> 90 Eighth St. So. <br> Makers of Fine Furniture MINNEAPOLIS, MINN. <br> DUNHAM SUITE. Appealing to every connoisseur of fine furniture, the Dunham Suite combines all the best features of a later facobean 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 vogue during the middle of the sixteenth century, the lower leaves drawing out for extension and artfully concealed under a flat top <br> 



A stencilled Grasscloth from the Tokugawa period which might be called a Symphony of Spring.
Colored by hand on softly tinted woven fibrea 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

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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 cye.
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.
 U. S. PAT. OFE.

ARKANSAS OAK FLOORING CO.

Pine Bluff, Ark.

## "PGRRECCIION"

BRAND OAK FLOORING

LILACS OLDAND NE (Cominued 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 (Lemoiac 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 vulugaris, 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 fro a very large one. Three of the $f$ are unfortunately weak growers do not recommend Danton, Pa and Vasuve except to those willin give them extra care. The more gardener should be content with wig Spaeth, Monge and Volcan
From the varieties above not lections may be made for a g small or large. For the smalles den the list, of course, will hav cut severely while for large can be extended indefinitely. B have tried to pick out varie ${ }^{10}$ every type little is to be gai extending the collection too Large numbers of varieties are he for the student and collecto olia than for the real gardener. I will, of course, see progre ange of color and in the let that of the season by the develo carly and late varieties. B Lilac is propagated slowly amflo be patient in waiting for th ties and content to pay hig than we do for most of our pstan hrubs which grow quickly $\mathrm{f}^{\mathrm{e}}$ qua tings. American nurserymen doing their part to overcome age of good Lilacs that suffered since Quarantine 37 effect. I hope the amateur ga buying liberally of good var refusing to buy unknown s encourage these nurserymen better and better Lilacs in la larger quantities so that plants own roots and at reasonab will be available in the fute

## NEW COLORS IN ROSE GARD

## (Continued from page 75 )

Christine: Deepest golden yellow small- but a profuse bloomer
Goliden Emblem: Yellow cadmium 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: Sunflowe 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 $\mathrm{U}_{\mathrm{p}}$, richard."

Mrs. Henry Morse: Silv to cerise pink. One of the pink Roses, ideal in form and

Emma Wright: Pure orang n attractive and a good bloomer. lo ers are small but very decorativons

Mme. Butterfly: Light p shaded gold at base, perfectly of bloom with excellent form. Ophelia parentage.
Rev. F. Page-Roberts: C int 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, beautiful and satisfactory Ros every respect.

There must be room in the go for the single Hybrid Teas, that Irish family. Irish Elegance leader of them all and one of th decorative Roses we have, "wi long, thin bud of vermilion, gol pink and its five petals openin fascinatingly. Irish Fireflame much stronger coloring and Beauty is probably the purest
(Continued on page 196)


## WEEK-END BOXES

 FOR OUT-OF-TOWN RESIDENTS THE earliest chirp of the robin, the first delicate 1 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.
OTHER DEAN SPECIALTIES Catering, Birthday Cakes, Cakes and Candies, and Bon Voyage Boxes

628 FIFTH AVENUE, NEW YORK ESTABLISHED 87 YEARS

## "SOL" <br> FABRICS

## Worthy of Your Choice

## $\mathrm{T}^{\mathrm{N} \text { their beantiful variety of }}$

 colors and designs, "Sol" Fabrics are the specified upholstering and drapery materials in particular homes.Individual decorative schemes find in exquisite "Sol", harmonizing propertics at a modest cost-and the color is guaranteed fast.

When you choose-choose wisely-specify "Sol". At most good stores, or write for samples and color chart.
S. M. HEXTER \& CO. CLEVELAND, OHIO New York Office: 1140 Broadway


MEMORAAS PRESBREY LELAN
631-FIFTH:AVF-NWV.YORK WVE SUGGEST. PERMANENT:WHITTE DUMMERLTON - GRANITE. FRPMOUR:QUARRIES.IN-VEPMONT



## He didn't hurt a bit!

Your dentist is an important guardian of your health. Consult him twice a year. He can keep your teeth and gums healthy, prevent decay and ward off serious sickness that often originates in the mouth.

## 4 out of 5

 wait too longAs 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 is 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, 35 C and 60 C in tubes.
Formula of R. J. Forhan, D. D.S. - Forhan Company, New York


# Forharis <br> FOR THE GUMS 

## 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 is the 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 azurea.

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 coertulea. 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 Jack-in-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 chety exotic might well envy only is the carriage of the plan of dignity, but the strange, flower is a thing of real beat the gay scarlet fruit a gift be scorned when days grow s woodland flowers few. It accident that we discovered fine setting is provided for in-the-pulpit by the ferny Corydalis lutea.

The Bishopscap, Mitella is another woodland plant be said to possess a distinct though a less showy plant beautiful relative the Fo Tiarella cordifolia, the littl cap wherever seen attracts by reason of its graceful, habit and general decorati

## Galium and allius

Though close kin to quite outrageous weeds, the Bedstraw, Galium boreale, and desirable perennial blooms in early summer and fluffy inflorescence has much pearance of the Stevia so mt by florists for lightening of heavier blooms. In $n$ range is wide, taking in a la tion of this country, East anc 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 associate 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 through the Alleghany Mo and west, but it takes to gard with zest, any soil, any situatio exposure seeming to satisfy it. so many of its family it bloon summer. The nodding cluster pinky-lilac blossoms are carrio stiff stems about eighteen inch that arise from among narrov liage. Large clumpsarequickly fo from small beginnings and the self-sows so freely as to enable a short time to make effective it along paths or in waste place
Many beautiful plants have $f$ their way into my garden fron 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 in a single flower family could do better than to set out to k
(Continued on page 178)

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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 Gilbrac Damasks, Brocades and Roman Stripes, including Jacquard effects.

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That's what pretty Mrs. Williams Ithought. Wonderful to have Jim Williams making such splendid progress 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 charming. "Guests notice things so," Mrs. Williams told Jim, "and they appreciate the little refinements. J m , I wish we had a better looking bathroom. 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 bathroom 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 every. one can afford.

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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 flowers.

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 hillsic in full sun, so I converted a porti of my rock garden into a semblan of such a situation and called it Tex There the plants were set out. Amo them was a small slip of a thing, t slender stems with a few thinn leaves; altogether less promising appearance than any of the othe But it had a sounding title, Euston russelliana! Soon after Texas w added to my United States I away for six weeks. Upon my retu I was amazed to find that Eustor had shot skywards to a height nearly two feet and was prepar to bloom. From toward the top the stem, now grown adequat 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 large blue-purple cups, the interi of which were exquisitely decorate
It continued to evolve these love blossoms from mid-August until af several hard frosts, the single pl appearing at a little distance like torch of blue flame. Moreover ripened quantities of seed and ma a good growth of new shoots at base from which to start operatic in the spring. This is the handsom and most spectacular plant that come into my garden for many a d and I believe that when known will enjoy a wide popularity.

Eustoma is a relative of the tians but I should say has few their reserves and caprices. $\mathrm{Mr} . \mathrm{Br}$ well, who sent it to me, said that best soil for it is a rich limey sa with plenty of water during the gro ing season. It will stand full or partial shade.

That I have no photograph of 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 our climate.

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 plat set out later in the garden.

Salpiglossis. Here is color play for you, from July to fro Yellow, chamois, white, gold, rose, scarlet and blue-enough riety for anyone.
Zinnia. Last but very, very from least. You should have plen including some of the Giant Dahli flowered varieties in red, white, low and gold.


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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 tozen accessories are fittingly housed

LAYING<br>O U T<br>THE<br>LAN D

(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 Gener Oglethorpe developed a formal stre scheme for Savannah, a gridiron pla with many parks-most of the squares of city block size-it was six years later that professional tow planning may be said to have had start in this country. In 1791, Majo L'Enfant produced his layout for t City of Washington. In this, t parkways and intersecting diagon streets laid over a gridiron plan gi opportunity for the placing of buil ings to great advantage.
We owe much to President Roo velt and his distinguished Park Con mission of 1891 -Burnham, McKin and Olmstead-for bringing back a guiding scheme this brilliar Frenchman's conception of the ide city. Besides this revival of the 0 Washington plan was the great stin ulus which the members of this par commission gave to city plannin throughout the country. There ha been few opportunities to plan, as d 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 found today more or less direct several other cities of early 19th Ce tury founding. Buffalo, Detroit an Indianapolis show the radiatin avenues leading out from the cent of town. We owe a great debt this Frenchman who, though an gineer, was also an artist.


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ONE of the great experiences of my life was the discovery of the Welte-Mignon* reproducing piano. I have always looked for a mechanism which would serve to perpetuate my playing for future generations so that I , as an interpretative artist, might end my career with the assurance that my art would live forever. That happy consummation of my dreams came when I heard your records and then and there I decided that through its medium I could preserve my playing for the future.

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are perfect. After my disappointing experience with other so-called reproductions you can imagine my joy and my happiness when I listened to the proof of your method of 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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TRADE


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F O R
T O W N
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, neve: needs pruning and never resents being mutilated for the convenience of overhead wires or underground cablesand 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
lave imherited is mainly of magnifi cent American Elms and Sugar Ma ples, neither of which adapt then selves to a smoke and gas-lade atmosphere. Others of a tougher fibr will have to be found.
Now a word or two on tree plant ing, so rarely done properly. To many people seem to think that hav ing favored a tree by paying a dolla or so for it the same tree should so overwhelmed with gratitude th it will grow flourishingly in any soil or place. A puny hole in th ground is made, the roots thrust in a few spadesful of earth thrown ov them and trodden down. What mor can the thing need? Man has honore it by purchase; now flourish, tree, an beam your thanks!

## proper planting

Let us consider the matter. Tre are living, not dead things like tel graph poles. They really should $n$ be cemented in the ground nor ju thrust in anyhow. The work shoul be done with thought and care an with due regard to the fact that, bein living things, they need food and -the roots as well as the leaves an branches. Proper pits should be mad pits eight feet wide and three fe deep, the sub-soil properly broken a the pit filled with good loam riched with fertilizer. In buildin new highways these pits may be blaste by dynamite, using forty or fifty pe cent sticks, which is cheaper and bette than digging. The dynamite metho loosens the ground outward and down ward and allows the roots to ramify easily. In this prepared pit and soil 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 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 a kinds. In the country the pits need $n$ covering but for the first few year they should be forked over occasionally. In towns the pits should be covered completely with an iron grating This admits air and water, allows pedestrians free moving space and does not obstruct the sidewalk. From time to time this grating should be raised and the surface of the pit forked ove to keep the earth sweet. From fifty seventy-five feet apart in the line the distance to plant street trees.
Such is the correct method of plan ing. Too expensive, you say? Pa and many other European cities prac tise this method; surely the riches country in all the world cannot seriously advance such a pucrile excuse. An 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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FOR TOWN BETTERMEN
(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 gencrally 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 clse, a type of tree that will grow freely and live long under city conditions is demanded. The highways are casily ac commodated, 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 mosi strongly city conditions. We have to look farther afield. Of a truth thero 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 treets and hishways.
Admitting that they will gr freely, the fitness of trees for str planting depends upon their possessi several other qualities. They must have wide-spreading crowns, they $m$ stand pruning well, they must not ha objectionable fruits, they must $h$ their foliage late into the fall, $t$ must not be prone to pests or disea Rich in virtues, they must be verita angels among trees.
in the northeastern states
Now, for New England cities large towns, for those of adjac Canada, those of New York Pennsylvania, the strect-tree best proximating these qualifications is common Hedgerow Elm of rural F gland-commonly known here as onus campestris, though experts say correct name is $U$. procera. This vigorous, tall, long-lived tree with massive trunk and erect and spread branches which hold their leaves into the fall. It seldom produces tile seeds but increases readily by su ers. For nearly two centuries this is known to have been planted in country, and, in the city of Bost there are fine specimens of va ages. The best, I think, are those i the reservoir at Chestnut Hill. conditions seem to the liking of tree and, all in all, it is rich in vir and the best we have. In its homel it has a sinister reputation for dr ping its branches without warning for no known reason, but I am una to find an instance of this happen here. The Jersey and Cornish El both European, have more nar crowns and are probably equally an able; they should be given a trial

A tree which seems to prefer bri and mortar or ash-heaps to good is the so-called Tree of Hea (Ailanthus glandulosa) which is qui growing and with proper attention pruning a good tree for city stre It is a tall, good-natured tree v large pinnate leaves and unisex flowers borne on different individua This is fortunate since the male flo ers have an objectional odor and street work the female tree only sho be planted.

In narrow streets, recourse must had to trees with upright bran such as the Lombardy and Bolle's P lar. Given good soil both grow w under city conditions, but they are long-lived.

The most famous and most wid planted street tree in the world is, course, the so-called London Pl (Platanus acerifolia). This pre-en nence is due to its indifference to conditions and its ability to withsta severe pruning. For the central a of broad thoroughfares and for embankments of river fronts splendid and its rapid growth fine asset, but it has a wide-spread crown which demands continual pr ing to keep in bounds so that really unsuited for the streets of dinary cities. For town squares small parks it is ideal.
(Continued on page 188)

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New Sunshine Aster garden-Golden yellow cushion center harmonis-
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# FOR TOWN BETTERMEN 

(Continued from page 186)

Good-natured and in consequence much planted are the European Lindens (Tilia oulgaris 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 yellow 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 gracefully.

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 Zelkora (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 spreading branches and multicolore autumn-tinted foliage. These two tree are an impressive feature of Ne England roadways and lesser town but, unfortunately, they cannot with stand modern city conditions. But fo its highways at large, the colder par of eastern North America need no look beyond these two splendid nativ species.

Poplars in general should not $L$ 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 Norwa Volga and Berlin Poplars are ver hardy. The handsome oriental maximowicai is worthy of more tention. For the same regions the Asiatic Ulmus pumila is showing gre promise. This is a tall and shape tree with small foliage, remarkabl hardy and fast-growing. Likely enou it will withstand city conditions.

In California Eucalyptus chiefly $E$. globulus, have been mu planted along highways. This is $b$ no means a good tree for the purpo since it grows too rapidly and she its bark too freely. The wondro red-flowered E. ficifolia would much more serviceable and infinite more beautiful. Another excelle species is E. sideroxylon with small pink to crimson flowers and tenaceo dark bark.

In southern California and Florida the curious Casuarina equise folia is much planted, but the We Australian C. glauca and C. frase would be found better subjects tha the Malayan species. And better sti I think would be some of the Aus tralian Cypress Pines like Callitr robusta, C. rhomboidea and C. arenosa These are medium-sized, round-toppe trees that grow well in warm sand soils.

CONCERNING SOURCES OF SUPPL
The practical among us will sa that it is all very well to talk abou trees for street and highways, 1 where are they to be obtained? W used to draw them ready grown fror Europe, but where are the y now? Th problem of supplies is up to th nurserymen. The wise among tha class would find a good investment raising in quantity a selection of $t$ best and most desirable kinds. He in New England for street purpose in quantity almost unlimited shoul be raised that peer among trees fo our cities, the English Elm-the mus campestris of our elders, now days styled Ulmus procera.


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Mme. Edouard Herriot (Daily Mail) Buds coral-red, opening to shrimp-red, shaded with yellow and scarlet. Magniffcent.
Mrs. Aaron Ward.-Long shapely buds of Indian yellow, occasionally flush salmon. One of the best yellow
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.
nother equady well baranced 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 crimsonscarlet flowers in profusion all summer long.
Jonkheer J. L. Mock.-Unusual and most at tractive. Bright cherry red inside, silver 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
Mme. Butterfly.-Big, strong plant with sprays of abundant pink bloom. Flowe exquisite in form, rich in polor at base of cately
petal.
(If purchased separately, $\$ 1.00$ each.)

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 flowe garden is not overly prolific. These should either be included or planted near every well-thought-out cutting garden:

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), Bayberry

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 bantern plant,) Helichrysum, Statice, Globe Amaranth, Moneywort, Everlasting.

## COLONIALARCHITECTURE

(Continued from page 148)
of the year was warm, the ceilings were high to permit the free circtilation 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, repeated 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 varicty 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 n 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 passe into what one might call bird's-ey pictures of the whole collection, on for each of the four seasons. Having thus set the general stage, it intimately introduces group after group of ac tors-the Cherries, Crabapples, Lilacs Azaleas, Hawthorns, Oaks and Hick ories, 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 gar den-lover in America should know:
"Assembles and nurtures all that (Continued on page 194)

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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 others.
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 sanc tioning the phrase "fragrant beauty" in connection with it, and in callins Iris Queen of May by the namd Pallida dalmatica.
F. B. M.

Beautiful Gardens in America, by Louise M. Shelton. New York Charles Scribner's Sons.

GARDEN books are bought b 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 th galaxy of lovely pictures must indes be a prize. With hardly less intensit should it appeal to all other lovers o beautiful gardens. Few persons, granted the necessary funds and time for travel, could gain admissio in season or out of season, to a larg number of the spots where great weal and taste and skill have combined make earthly paradises.

So this book is well worth the pric and the price is not so high as migl be expected for so large and sumptuou a volume, containing 274 plates illustrations, most of them full-pag and some in colors. All have bee selected with great care and passe upon by four garden experts who sisted the author. The majority ha stood the test of time also, for th appeared ten years ago in the fir edition. Some that were given pla in making the earlier edition ha been supplanted in the new one a due recognition has been given to d serving new ones, as to some th though already in existence had been discovered in the first roun Brief introductory remarks prepare student to appreciate climatic a horticultural peculiarities in the va ous parts of the continent. (Mexic Central America and South Americ however, by-the-by, are not reps sented.) More comments beneath ea picture would usually aid even experienced person to profit more fro

An indication of the species plants composing each picture wou be of use, at least in many cases.
F. B. M.

The Lilies of Eastern Asia, Ernest H. Wilson. London: Dulau Co., Ltd.

WE ARE constantly being that we are living in a scienti age. The newspapers headline coveries, and the proceedings of scie tific meetings are almost as importa in the press as the latest divorces. E the interest in science is keenest in departments related to machinery a construction. People like to be thril by new discoveries while they do understand or even sympathize the tedious process of painstaking search.

Mr. Ernest H. Wilson's monogra on the Lilies of Eastern Asia gives both the thrill of the adventurous (Continued on page 196)

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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 litertry 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 alway 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 nee attempt to cover the same field for some time to come. He has unravel mazes of misunderstanding and clare up confusion about names. He fo lowed up the descriptions of th Lilies when they were first recei and went to the various centers Europe where he studied the herbal fum specimens to make sure whethe the Lily received and given a nam in Paris was the same species sen over to London or Holland by som one else similar description but quite a diffe int name.

Many of the Asiatic Lilies intr duce into England failed to success and were branded "difficult or del cate." The chances are that most them will do well in some part the United States, where the clima is more like that of Eastern Asia th Europe's pale blue skies and co dampness.

The literature on Lilies is we limited. There are only seven boo on the subject including this one, al all but one were written by Englis men from experiences in Engli gardens. When compared with countless volumes about other flow his is poverty indeed, and for t reason as well as for its own me as a scholarly, scientific work prepar with extraordinary modesty, this a most welcome book

Helen Morganthau Fox

Have these Roses faults? Wen, 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 Gross an Teplitz.

Nor will we give up Claudius Pen because it misbehaves in wet weath will wait for the sunny days. With this wealth of color in pres day Roses, what are we to expect f the years to come: All hybridizer striving for form, color, fragrant quantity and continuance of bloc foliage, hardiness, freedom from ease and good growth of pl Color is the great attainment, without distinctive coloring a new has very little chance for popular All these named in this article probably always have a place in garden and should stand the test time. There is probably one excep to this, the Queen Alexandra Rose

Plant Queen Alexandra. See its markable blooms and wonder w this type of Rose coloring may to. We all know that other bice Juliet. Queen Alexandra is said "out-Juliet Juliet" which had fault of lack of form and stra growth and was renowned as the ter of many Rose diseases. Certa Queen Alexandra is an improver and the best bicolor of the mon with its vermilion petals with on the reverse sides. What start combinations are possible? They sure to come, and Rose colors keeping away ahead of our exp tons.

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## FOR THE GARDENER'S

SCRAPBOOK

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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 arc 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 $10^{\prime \prime}$ or so if best results are sought.
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## FOR THE GARDENER'S S C R A P B O OK

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## FOR THE GARDENER'S

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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.
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Trees may be ordered singly or in any combinations at above prices.
If larger trees are wanted, send for catalog of every variety of
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## THE GARDENER'S DELIGHT

Yoted for its unexcelled flavor, beautiful verdant follage, 9 to 11 ft . tall, and enormous size of its stalks. These stalks are rich green with 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 Glant Roots this Spring. tive background for your garden.

50 Giant Roots $\$ 5$
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Mailed prepaid to any address. Complete cultural directions tneluded.
Larger quantities priced on application
0 roots will plant three rows, each 50 feet long, and furnish a generous supply for the average family of four or five persons.
the average family of four or five persons.
Each root specially selected for the Garden Trade. Rust-Resistant, easily grown Each root spectate sting booklet sent free upon request.

Order direct from this advertisement
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## 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, Dink; Gladstone, white. These three plants
$\$ 6$ will start a water garden and show you how lovely Waterlilies ate
Our 1926 Waterlily Catalogue describes many kinds, and tells how easy it is to grow them.
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Chinese Flowering Crab
Japanese Roseflowering Cherry, etcetera
Americas Finest Collection
F ARLY in the spring these Oriental trees burst into glorious brubery and gardens into veritable Paradises. Order these Oriental Flowering Crabs from America's Finest Collection.
\$50 Assortment $\left[\begin{array}{c}\text { Trees 4 to }{ }^{5} \text { [ } \\ \text { feet high }\end{array}\right]$
\$25 Assortment $\left[\begin{array}{c}T \text { rees 2 to } \\ \text { feet high }\end{array}\right]$
 1 Crab Baccata, single, white, fragrant $\ldots .{ }_{3}^{4.00}{ }^{1}$ Crab Arrosangunine semi-dbl. pink 1 Crab Floribunda, sgl. pink, early. ${ }^{1}$ Crab Arnoldiania, semingle red 1 Crab Bechtels, dbl. pink, fragrant 1 Crab Niedswerzkyana, purple fi. \& fol. 1 Crab Spectabilis, double pink 1 Jap. Cherry. Weeping, single pink . . . 6.000 ${ }^{1}$ Jap. Rosef. Cherry, Naden, dbl. pink $\ldots 6.00$ Special for March, 50.00
\$15 Assortment $\left[\begin{array}{c}T \text { rees 2 to } \\ \text { feet high }\end{array}\right]$
Crab Niedswetzkyana, prpl. fol. and fls $\$ 2.00$ Crab Niedswetzkyana, prp, Shing, sgl. red 2.00
Crab Parkmani, semi-double, pink, dwf. 3.0
Crab Prunifolia Rinki, Chinese Apple :
Crab Scheideckeri, dbl. pink
Crab Eleyi, purple to red - new


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$\$ 15.00$ dich upon any other stock.
We submit, therefore, that this discrimination is a greal advance and the popular colors so much in demand at the present day, and up to the resent has not been appreciated by the rose growing public. Our Hybrid rea and Perpetual Rose are budded tas sof Fardness of wood is essentiat, when set out roses die she well ripened set out. Our plants have well stpened plants.

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do not pass tion of the Europe ists as the roses brow in Nursery always stating defects as well as merits.

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WILLIAMSVILLE, N. Y. Near Buffalo


More Beautiful Lawns at Lower Labor Cos

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 utting reel and provides tractive ower. The operator simply guides the machine and manipuates the simple, convenient conrols. He doesn't try to do as little as he can when an engine does all the hard work-and sets fast pace!

Your lawn deserves this most
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The Standard Insecticide-Harmless-Easy tollse
SURE DEATH TO ALL INSECTS and BUGS
$\mathrm{R}^{\text {ECOGNIZED }}$ as the best insecti $\mathrm{R}_{\text {cide for your flowers, shrubs, }}^{\text {cis }}$ evergreens, vegetables, etc. For year it has been used by the most exact ing florists and estate superintendents, Absolutely harmless and clean, both for indoor plants as well as outdoo gardens.

Recommended by the officers of the Garden Club of America.

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 Wllson's Spray Cal (gives you correct m in which to spray.
different plants).

WILSON'S WEED-KILL Don't hoe . . . just sprinkle with Wilson's Dre application a season is sufficie kill all the weeds in your walks, gutters, et

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SPRINGFIELD NEW JER

## Floral Novelties <br> 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.
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The clearest yellow Rose and only one of the many fine kinds we introduced in our twenty years of Novelty Introductions.
DELPHINIUMS: HARDY CHRYSANTHEMUMS: RARE PERENNIALS.
Our catalogue mailed on request !
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with the Least Possible Effort!


The BOLENS Garden Tractor is made for those who want to do their gardening and lawn mowing the casy way. Here is a light power unit with instant hitch implements for weeding, cultivating and lawn mowing. A gasoline motor supplies 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 marvelous assistant. What 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 complete 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,
vigorousflower, nearrly tow ofect tall and large bluee
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 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 Delphin-
ium Plants. You will have blooms this summerYou 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 It is free upon request. His Full-O-Pep seeds and
plants are thrifty growers. They have pleased thousands of people.

## Our Guarantee -

If you are not satisfied send back the Plants and we refund your money cheerfully. Jim Young's name and reputation is known to flower lowers every-
where. He has spent his lifetime where. He has spent his lifetime growing flowers
and plants. Send for his catalog to-dia, it's tre. and plants. Send for his catalog to-day, it's free. Young's Aurora Nurseries, Inc. $\underset{\text { Dept. HG-3, Am, President }}{\text { Jim }}$


Name

## Half Price

 Winter SaleTo make room for spring stock we must sacrifice good sturdy plants which ought to sell at much higher prices.
For example, our valuable gladioli, which include rare kinds, such as E. J. Shaylor Mrs. Dr. Norton, Mary Fennell, and Rose Ash, will be sent in unnamed collections of 50 for $\$ 1,100$ for $\$ 1.50$.
Three \$1 Bargains
Chrysanthemums in 2 year
old clumps, all colors, 12
old clumps, all colors, 12
for $\$ 1$
Dahlias, giant growing varieties, assorted, 12 for $\$ 1$
Canna Bulbs, splendid for background, 12 for $\$ 1$
Peonies in all colors, ex-
cellent for a cut flower supply ( 3 to 5 eyes), 4 for $\$ 1,12$ for $\$ 2.50$
We will send the entire bargain list, containing 50 gladioli, 4 peonies, and a dozen each chrysanthemums, cannas and dahlias for $\$ 4$.
All prices include postage Send for full list of our flower offerings

Atco Floral Gardens Atco, New Jersey

The Outstanding Flower Seed Novelty for 1926
Sweet Pea "Mary Pickford"
A most beautiful, light and dainty cream
pink, faintly suffused salmon.
Packets only 25 c


FISKE'S Novelty Collection of Sweet Peas
12 full size packages, 12 varieties Giant Spencers, $\$ 1.00$ postpaid Beautifully illustrated catalog free.
FISKE SEED COMPANY 12 and 13 Fanewil Hall Square

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 Alpines - Rare Native Plants We SPECIALIZE in these exquisite kinds of plants. Our catalogue-sent upon request-lists many of those mentioned in the articles appearing in this number by $M R S$. LOUISE BEEBE WILDER and MONSIEUR HENRI CORREVON.
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Orchard Street, Bergenfield, New Jersey


## Garden of Gorgeous Roses 1 <br> 10-1yr.Roses\$ <br> Grand collection, ght bloomers: all shat 10-2yr.Roses \$ Stronger difterent; fragrant. $10-3 y r . R o s e s ~ \$ ~$

Tervest size. quick effect: moderate price; all ge Above Roses are monthly bloome All will bloom this summer 10 HARDY CLIMBING or 10 JUNE ROSES, same prices

## All Sorts of Nice Thing

## For Your Garden

[^14]
# SPECIAL SPRING SALES 

Dahlias and Gladiolus by prepaid post

50 choice, large-flowering gladiolus, different colors, and 1 Mrs. John S. Wood (labelled), extra. This sensational, new gladiolus is the largest and tallest gladiolus grown. All for $\$ 3.00$.

50 beautiful primulinus hybrid gladiolus, nasturtium colors, with 1 Ada DePoy, our choicest primulinus origination. . $\$ 3.00$. Both of the above collections.

12 dahlias, our own selection, all different, all named and listed in our 1926 catalog for $\$ 7.50$ or over, specially priced. . . . \$5.00.

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All of our bulbs are plump, healthy, and guaranteed to bloom. Our illustrated catalog lists hundreds of these beautiful flowers in a wide range of color. Sent free on request.

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Cladiolisis GADDEN $\$ 1.35$ INCLUDING FROST PROOF PANSY BUTTERFLY FLOWER FREE
Childs Gladiolus are world famous. 50 Bulbs, newer varieties; wonder-
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Make a blorious Make a glorious garden.
Sure to grow and delight Sure to grow and delight.
Order at once and we will order at once and we will
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Sweet Corn in 60 Days Have the first Sweet Corn. Beat your neighbors with
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Packet seeds GIVEN with each order. Will produce
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John Lewis Childs Seed Co.,
32 Childs Ave., Floral Park,


## "OREGON SUNSHINE" <br> TO WARM YOUR ROCK GARDEN

Euophyllum Caespitosum: This charming native of the Cascade Mountains in Oregon makes brave display of brilliant yellow flowers, on stems 6 to 8 inches high, over a very long period. Foliage a soft gray-green. A gem for the sunny rock garden.

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\begin{array}{lll}
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\text { Blooming size plants } \\
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\end{array} & 40 \text { cents each } & \$ 0 \text { cents each }
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& \text { ten }
\end{aligned}
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Many other seldom-seen plants, including the rare double primroses, are listed in my 1926 catalog. May I send you one?

The W. L. Crissey Alpine Gardens, R. F. D. 1, Boring, Oregon

## Scotts Greeping Bent for Perfect Lawns!

Sod in six weeks! A rich, velvety stretch of lawn that chokes out weeds before they can grow! A deep, thick, uniform turf that makes your home a beauty spot! That's what you'll get if you plant Scott's Creeping Bent.

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Creeping Bent-long recognized as the ideal grass for golf
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As cut flowers
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Giant blossoms of pleasing beauty, Livingston's
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hangs from top of the door without interfering with opening or closing. Also can be attached to wall.
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it will still preserve its beauty and charm if it is enduringly sided with weather-resisting Keystone Red Cedar Siding.
Manufactured from selected Western Red Cedar by special methods which preserve its high quality, it will protect your home faithrations.
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is simple in construction and runs so easily that anybody can operate it. The finest kind of a motor furnishes power to climb any grade and cut all kinds of grass. Engine drives both traction roller and cutting knives but they can be operated separately.

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Uss Sani-Flush to clean the toilet bowl. It is the only safe method. Does all the hard work for you saves you time-does away with the need for disinfectants. Cannot injure plumbing connections.
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Cleans Closet Bowls Without Scouring
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The Moto-Mower will give you a nice clean job with little effort. It is fast, powerful, simply built and entirely "fool-proof." Controlled by two rubber handle-grips. A single twist causes it to stop, start or turn in any direction-on its own power. Cuts close to trees and flower beds. Send for our latest catalog-today.

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Custom-builit throughout, with hand-carved posts. Can be used in any part of the home. Dull rubbed satin finish in the Sheraton color

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Size: $44^{\prime \prime}$ long, $22^{\prime \prime}$ deep, $43^{\prime \prime}$
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How best to curtain the windows is a question with whichevery home-maker is concerned. For, curtains can make or mar the room. The right curtains give personality, distinction, charm. While curtains that "don't belong" are like an unbecoming frock on a pretty woman . . . like an ugly and inartistic frame on a beautiful picture.

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It tells you about fabrics to use that hold their color against the ravages of sun and washing. It deals with the problem of selection, and the things to consider when determining the style of a window's draping.
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## Holes

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> How to stop them for-? ever with these invisible weather strips

AROUND ordinary window frames there are cracks that no builder can prevent. They let in, science has proven, as much cold, dirty winter air as a hole four inches square thru each window.

That means a fuel waste of several tons annually. It causes dangerous draughts. It means that your fine drapes become soiled, your carpets and furniture injured by the soot and dust blown in around the windows.

45,375 home owners have called us in to remedy this condition. And from the experience we have gained has come a new type of metal weather stripping. Improved over ordinary strips by a new scientific principle. Perfectly concealed. principle. Perfectly conceath direct leakages and others not prevented by ordinary strip ping. Maximum protection against any type of air or dirt entrance.

This is the new Ceco Slide-Lock Weatherstrip. It is available to you thru Ceco experts located in the principal cities. Old houses as well as new, and all types of casement or sliding sash, can be protected the Ceco way.

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Mail This Coupon for FREE Estimate Ceco Weatherstrip Co., Dept. C-I. Gentlemen: Send me free cost estimate for Gentlemen: Send me free windows.
my house. It has my house. It has if casement type $\square$ Name

[^15]

## THE MODERN FLAGGING

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Correct in taste, and strictly up-to-date, Mettowee Stone for walks and pathways with its varied colors and natural cleft surface offers a most pleasing departure from the cold, glaring plainness of ordinary flagging or concrete.
Send for our circular "B" which fully describes this interesting Stone.

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Beautify your home surroundings with
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Ice Box Cake
Every woman wants the recipe fo this famous cake. We have had hun dreds of letters asking for it. So w are publishing the recipe for Ice Bo Cake in the March issue of

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the Household Magazine that tells yo how to cook your favorite dishes-tell you how and what to serve, not oms for every possible occasion. Eac issue features special menus and recipe for Dinners, Luncheons, Wedain, Recep tions, Card Parties, Sunday
American Cookery helps you buy bett food and set a better table for le money. If you cook at all this magazin will prove a profitable investment in th art of cooking well. The March issue wi also feature
"A. B. C. Dinner" "Chocolate Pinwheels "Stuffed Peach Salad
SPECIAL OFFER. Send us ONE DOLLAI only and we will send you America Cookery for the balance of 1926, be contains the recipe for "Ice Box Cake and many otiner good things. Addre

AMERICAN COOKERY
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Gerken "Therm-O-flectors" protect decorations. Assist circulation. Prevent "Radi ator smudge"-soot and dirt on walls, ceilings, pictures and hangings. Fit snugly over any radiator. Ingenious airvents throw the heat out into the room. Space above radiator stays clean. Save redecorating expense.

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make rooms more attractive Transform radiators into hand stands, shelves, benches and window seats. Made in three styles cabinet type, console type and open type for high and low radi ators. Handsomely made of heav gauge furniture steel. Finished it baked enamel beautifully grained by photographic process to match any wood-work. Write today for full details.
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[^1]:    Spokane Davenport Hotel St. Louis Wheeling

[^2]:    THE last word in fine lavatories. All exposed parts of Durock-no metal to polish. Integral combination hot-and-cold water inlet giving a single stream of any desired temperature; large, square bowl; anti-splash rim; hooded overflow outiet, automatically cleansed.

[^3]:    "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.
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[^4]:    The Wherler, Osgood Company, Tacoma, Washington. Gentlemen:
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[^5]:    $\$ 5$ for 6 of either

[^6]:    S
    UN BEAM FARM trong heart kennels Easton Ave., New Brunswick, N. J.

[^7]:    Hollow Building Tile Association, Conway Building, Chicago
    Enclosed find 25 c for which please send me your booklet, "Hollow Tile for the Home." I am interested in building: $\square$ Residence $\square$ Church $\square$ Store $\square$ Farm Buildings $\square$ Private Garage $\square$ School $\square$ Factory $\square$ Small House Plans $\square$ Public Garage $\square$ Theatre $\square$ Apartment $\square$ General Contracting

[^8]:    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, Comp. Clark \&o Arms were the architects

[^9]:    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 enought. These are found at the home of Cameron

    Clark, architect, at Greenfield Hill, Connecticut

[^10]:    The London Plane, the most popular street tree, is really too broaid of crown for anything except wide boulevards, river fronts and similarly spacious situations

[^11]:    A Dutch Colonial home of unusual charm, designed by Drwight James Baum. On a house of this type, Carey Asbestos Shingles provide a roof 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.

[^12]:    Connoisseurs appreciate the fugitive delicacy of Clicquot
    Club Pale Dry. It is a drink for the sophisticated taste. The Clicquot Club Company, Millis, Massachusetts.

[^13]:    Standard Gas Equipment Corp.
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    Name
    Address.

[^14]:    6 Chrysanthemums. Prize winners. All colors. 5 Geraniums. Beautiful Doubles. Choice colors 4
    5
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