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## Only Chrysler Ensineering Gets Chrysler Results

CHRYSLERS at every price are Chryslers-and therefore joyously different from other cars. More alive, more responsive, smoother in action.

All Chrysler cars are definitely related to each other by the same general design, by the same general basis of quality, by the same general excellence of engineering, by the same general spirit of performance.

Today there is a Chrysler for practically every purse-each outstanding in value.

The Chrysler Six. A fine, big Six of sterling ability. rr6-inch wheelbase. Quiet 78 -horsepower engine. Quick, quiet gear shift. Staunch, rigid doubledrop frame. Low center of gravity. Safety bodies of steel rigidly welded into one piece. Internal selfequalizing hydraulic brakes. And with Chrysler's perfected free wheeling optional at slight extra cost.

Or the new Chrysler Eight De Luxe-de luxe in everything, inside and outside. Divided windshield. Unusually roomy bodies. Unusually deep, soft cushions. An easy-riding 124 -inch wheelbase. Unusually long springs. A smooth 95 -horsepower straight eight engine that gives you eighty miles an hour if you want it - with the safety of lowswung balance of weight and the positive, easy control of internal hydraulic brakes . . .

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\begin{aligned}
& \text { CHRYSLER SIX . . . . . . } \$ 885 \text { to } \$^{\$} 935 \\
& \text { CHRYSLER EIGHT DELUXE } \$ 1525 \text { to }{ }^{\$} 1585 \\
& \text { (Five wire wheels standard, six wire wheels } \$ 35 \text { extra) } \\
& \text { CHRYSLER IMPERIAL EIGHT } \$_{2745} \text { to }{ }^{\$} 3 \times 45 \\
& \text { (CUSTOM MODELS } \$ 3150 \text { to }{ }^{\$} 3575 \text { ) } \\
& \text { All prices f. o. b. factory; special equipment extra }
\end{aligned}
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Or the magnificent Chrysler Imperial Eight Chrysler's very finest-a motor car for connoisseurs of motor cars. An ultra-fine car of 145 -inch wheelbase and 125 -horsepower - winner of 12 official A. A. A. Contest Board stock car speed records.

Both the De Luxe Eight and the Imperial Eight have the exclusive Chrysler Dual High gear transmission. TWO high gears, and you can shift from either to the other instantly - at any car speed - without clashing. One high gear is for flashing action in traffic. Another still higher gear gives faster car speeds at slower engine speeds.

Drive a Chrysler - any Chrysler - and enjoy the difference. Enjoy the brilliant zest of Chrysler pick-up, the smoothness of Chrysler speed. Learn why Chrysler value is better value.

# Tiffany \& Co. 

Jewelers Silversmiths Stationers



Silverware
Designs of Lasting Merit

Mail Inquiries Receive Prompt Attention
Fifth Avenue \& 37TH Street
New York
Paris London


## The Imprints of Four Great $18^{\text {th }}$ Century Designers . . In One Dining Room

## $\mathscr{T}$

 immortal types created by Duncan Phyfe, Heppelwhite, Sheraton and Chippendale. Elements of all four are ingeniously blended into a dining group which is distinctive for its feeling of graciousness and hospitality. Although Solid Honduras Mahogany is used throughout, production economies have made it possible to price this group somewhat lower than $\_$Kittinger workmanship generally commands.It is one of the newest in our collection of over 700 distinctive pieces . . . all of which are authentic period reproductions or skillful adaptations in either Solid American Walnut, Solid Honduras Mahogany or Solid Oak. A folder describing this group, the "Mount Vernon", may be had at any of our Showrooms, located in New York at 385 Madison Ave., in Buffalo at factory, North Elmwood Ave., in Chicago at 433 East Erie St., and in Los Angeles at factory, 1300 S. Goodrich Blvd. . . . or by addressing Kittinger Company, 1906 Elmwood Avenue., Buffalo, N. Y. It is yours for the asking!
Sold by Leading Dealers and Decorators . . . and Displayed in Our Showrooms



## THIS IS THE NEW

Smphony
PATTERN BY TOWLE
We hope you will like its quiet simplicity, and will ask to see your own initial on a spoon

The design of Symphony is a modern expression of Early American ideas and forms - simplicity, character, poise. It blends beautifully with the various table linens of today. Be sure to see the completely new and delightful knife and fork for luncheon or salad. They are made only in this pattern. Symphony also has a new and gracefully proportioned knife blade - imbedded in solid solder within the knife handle, so that it can never rattle or loosen even in boiling water. Symphony is beautifully balanced, flawless in finish. It is in the slender style of today, but is of ample strength and full weight of silver.
It is priced lower than the price at which we have

[^0]introduced any new Towle pattern for 15 years. It is not, however, in the lowest or cheapest price class. Its style and fine workmanship are built up to a standard, not down to a price!
You can choose Symphony with confidence, for it is made by the same Towle Silversmiths who created the well-known Lady Diana and Louis XIV patterns. Our craft traditions trace back to William Moulton, silversmith of 1690 . Today we are the largest silversmiths who make Sterling only.

We do hope that you will ask a good jeweler to show you your own initial on a piece of this winsome new Sterling pattern.
THE TOWLE SILVERSMITHS, NEWBURYPORT, MASS.
Dert. F-10 $\square$ I enclose $\$$ t. 50 for a "Bride's Pre-view Showing" of SYMphony - to include a copy of Emily Post's "Bridal Silver and Wedding Customs, a folder with engraving sugrestions, and
Name
Address
My jeweler is

## PLASTERED WALLS INVITE VARIED TREATMENTS

A rough, antiqued wall with unusual cornice of classic line provides a lovely background of modulated light and shade for Venetian pieces. Rich tones of walnut, colorful upholstery and decorative objects are grouped in charming relief. Consult Altman Decorators about such important details in the development of your home . . . Interior Decorators - Seventh Floor


B. ALTMAN \& CO.

FIFTH AVENUE at 34th STREET, NEW YORK

## CONTEME©RARY

## a new contribution to the art of gracious living



Gilbert Rohde, distinguished member of the American Union of Decorative Artists and Craftsmen, creates anCraftsmen, creates an-
other furniture imnovaother furniture innova-
tion for the house of Heywood-Wakefield.

IT is new-quite new-to America. And quite sensible! It combines living, dining, and sleeping room furniture in one compact, well-styled ensemble.

We call it "Contemporary." You'll call it "comfortable," "smart". . . oh, there are lots of nice things you'll say when you see how simple it is to make the smallest apartment livable, dinable, sleepable with HeywoodWakefield Contemporary groups.

Please don't worry about wallspace. Desk, bookcase, and radio cabinet (one you can live with) are friendly pieces alone or together. The same with silver and linen chests. And


Contemporary-the new Heywood-Wuke. new Hey wood furniture-isready for any mood. Even lor any mood.
occasional tables do extrasional duty. There is a extra duty. There is a
full convertible sleepfull convertible sleep
ing sofa, too, with ing sofa, too, with
wedge-back cushions. wedge-back cushions.
that's just the best bed timeboat to dreamland.
the dining table, the console table-sh-sh! They're really one! Did we mention comfort? Just sit on the sofa. Wedge-back cushions! Ingenious comfort . . . The kapok-filled cushions seem almost to sing lullabies.
Fabrics are dreams trimly tailored.

Wood is finished in straight-grained American walnut. Lacquer-sealed, of course. There will be accidents!

These ensembles are distributed through the better furniture stores near your home. Prices? To please even just-married budgets.

# We've brought from England and France, their loveliest chintzes 

We've acquired quite a reputation for marvelous chintzes at low prices but we're not resting on our laurels. This year's importation of exclusive patterns is more exciting, more amazing than ever. We've illustrated two of the newest. They are the same as in former years, in that they are printed on fine semi-glazed percales-they are quite different inasmuch as they express even more vividly the richly decorative periods from which they were culled. A glorious collection at

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31 INCHES WIDE

THE CHINTZ ROOM

## MACY'S

34th Street and Broadway, New York
L. BAMBERGER\&CO.

Newark, N. J.
"THE DRAPERIES"

'THE PLUMES"


## © Charming Biedermeier Manner

## $\mathcal{F}_{\text {orms a }}$ a $\mathbb{D}_{\text {ceorrative }}$ Alliance vith Qelanese $^{\text {and }}$

Following the trend of decorative preference, the modern interpretation of a Biedermeier setting seeks its inspiration in the luxurious textures and vibrant colors of Celanese Fabrics. Keyed to the modern tempo of living, which ranks serviceability on a par with beauty, weaves of Celanese occupy a definite place in every decorative scheme. Their full, rich hand is
achieved without loading, insuring lasting quality and beauty. And they possess these extremely practical features, unique to fabrics of Celanese: they shed dust readily . . . are not injured by rain or dampness . . . do not shrink or stretch . . . never mold . . . and dry-clean perfectly.

Celanese yarns, fabrics and articles are made of synthetic products manufactured exclusively by the Celanese Corporation of America, 180 Madison Avenue, New Yorl City.

$\mathcal{D}_{\text {raperies of }}$ Celanese Permanent Moire in a soft Lake blue, over curtains of white Celanese Taffeta, add a note of rich formality to this Biedermeier group. Diane Tate \& Marian Hall, Decorators.

CELANESE
$\mathcal{D}_{\text {ecorative }}$ Tabrics


Style, and its correct interpretation, are as much a study with Fisher artists and craftsmen as is the continued development of comfort, safety, durability and value. Universal acceptance of this fact is leading increasing thousands of people to choose General Motors cars, the only cars with Body by Fisher.


Over 2,0oo different colors to choose from in weaving

your rug
$R U G S \quad(F O R \quad 9 \times 12$ SIZE)


Carpets (sq. yard) $\$ 2.15$ to $\$ 10$

Whatever elusive colors you may have in mind for your decorative plan, you're sure to find them in some Bigelow-Sanford rug. The colors we weave into rugs and carpets come from a palette of wools, rich with the glory of over 2000 different shades. The color of old wine . . . the mist-blue of the far hills . . . the red of a grenadier's breast. Colors to dream with... scheme with...

Behind the beauty of a Bigelow-Sanford rug are years of wear. Wool, from round the world, is specially selected for its resiliency, its ability to spring back under the boisterous scuffle of young feet.

Somewhere in the price range noted above you'll find just the rug you want at just the price you want to pay. A complete color scheme for the charming bedroom, shown bere, has been worked out. For a free copy write us at 385 Madison Avenue, New York. Also for a real book, belpful and stimulating, Decorating Your Home - price one dollar.



SALEM SERPENTINE BUREAU. Exact copy of a priceless original made by Samuel Macintyre, Salem, Early American interpretation of Chippendale. Theexquisite carving Chippendale. Theexquisite carving of the claw and ball feet and simple
serpentine front are particularly serpentine front are particularly
satisfying fearures. satisfying features. This perfect Danersk reproduction is offered
at the lowest possible price for the essential craftsmanship involved.

# Fashioned to outlive your descendants <br> <br> - yet you can enjoy them now <br> <br> - yet you can enjoy them now with no twinge of extravagance 

 with no twinge of extravagance}


YORKSHIRE ARMCHAIR. Typical of a large and interesting family of dining room furniture of the 1690 1720 period, reproduced from an original found in rural northeastern England. They are built of elm and English yew, with handwoven rush seats. Chairs of this type can not be built for less than Danersk prices.


LYRE SOFA TABLE. Copied from an English original. In San Domingo and Cuban mahogany, with rosewood and ebony inlays and lyre shaped pedestals of peculiar grace. Danersk has improved on the structure of the original antique, for old lyre tables are notoon the structure of the original antique, for old yre tables are noto-
riously flimsy. Without affecting a single line of its delicate grace riously flimsy. Without aftecting a single line of its delicate grace we have, by clever interior bracing, made it as sturdy and firm as a
heavily built table. No modern maker can offer this table for less than Danersk prices without cheapening its structure.

NEVER mind the future generations that will use and admire these examples of Danersk craftsmanship. Consider them not as heirlooms of tomorrow, which they assuredly are, but as the means of your own present enjoyment. The beauty, comfort and satisfaction which their ownership brings far outweigh their modest cost.
For Danersk Furniture assures enhanced comfort and pleasure for every home hour of your life. And it is a sound economy, too, for it casts less in the long run. All Danersk Furniture mellows and improves the longer it is owned. Massmade furniture depreciates heavily with use.
Each Danersk piece is fashioned with the same integrity, artistry and craftsmanship as were the masterpieces of Chippendale and MacIntyre and Phyfe. In fact, Danersk Furniture is more lastingly constructed-even better builtthan were the pieces of the great masters of the past who, with all their genius, worked without the aid of the improved tools and scientific knowledge of today
When shoddy, ephemeral furniture tempts you with bargain prices remember that every piece of Danersk Furniture is a true and lasting bargain.
"How," experts ask, "can such pieces be priced so modestly?" The answer is that they are built in a furniture workshop the like of which was never known before.
In our workshop a colony of 300 Scotch and English craftsmen-many the sons and
grandsons of furniture craftsmen-work with a hasteless deliberateness that is amazingly efficient.
Every process that machines can do as well as men is done by machines. Handwork is not stinted, but is used only for those things which hands can do more skilfully and perfectly than machines. Only by hand, however, can these conscientious craftsmen achieve the amazing perfection of joinery, carving, inlaying and finishing seen in every Danersk piece. Perfection that will stand the physical wear of time and use and will ever remain a joy to live with.
We know all the detours and shortcuts of easygoing methods-know them to abhor them Our craftsmen build the painstaking, honest enduring way with surprising deftness and speed. As a result we offer these heirlooms of tomorrow at the lowest prices ever achieved for furniture built to these standards.
"Cheap" furniture is always really an extravagance. Start collecting Danersk Furniture now for your permanent pleasure, comfort and satisfaction. Never have prices been so low,

Danersk Furniture can be seen only in our own salesrooms. As designers and makers of choice furniture the Erskine-Danforth Corporation invite you to purchase direct or through your decorator or dealer or by consultation with your architect.

All possible savings in present costs of labor and materials are passed on to the purchaser in our prices.

## JOHNSON \& FAULKNER

## 桩 <br> ESTABLISHED <br> 1823

45 EAST 53rd STREET<br>NEW YORK CITY

©

DECORATORS and their clients who visit the Johnson \& Faulkner Building are impressed with the wide range of choice offered in high class imported decorative fabrics, and with the many conveniences of the showroom for the handling and display of these materials.


## THE RUDDY GLEAM OF COPPER

AGAINST OAK AND WALNUT

The ruddy gleam of copper against oak and walnut-what a warm rich grouping of tones one finds in this modern suite for a bedroom.

Each piece is shaped and turned in the exquisite clean outlines of modernity

. . . each piece is designed with an eye to personal comfort at no sacrifice of beauty. As in all DYNAMIQUE, it is furniture that has grown out of modern living.

JOHNSON FURNITURE COMPANY JOHNSON. HANDLEY.JOHNSON CO. GRAND RAPIDS, • • MICHIGAN Creators of fine period and modern furniture.


CIEATIONS


## IT ISN'T HOW MUCH .. . BUT HOW!

Many a person does smarter things with a few odd dollars than one less ingenious, less inspired, could manage with a young fortune. It's all in the knowing how-and what. 面 So far as fine leather goods are concerned (and a great many people of taste and judgment are at one on this) the choice of the right gift at the right price is simplicity itself. They insist upon seeing the tiny golden keystone R. That golden keystone R, placed upon every article of fine leather from the house of C. F. Rumpp \& Sons, Inc., is the seal of a high tradition . . . your infallible assurance that the gift is good. Grace and character are in it, and a rare and precious beauty. 画 C. F. Rumpp \& Sons, Inc., manufacture fine leather goods of every description, excepting luggage. They may be had at the better leather goods and department stores, and at haberdashers, stationers and jewelers. And as you can see from the gifts on this page, prices are apt to be far less than you'd expect.

F-3

C. F. RUMPP \& SONS, INC.

ESTABLISHED 1850 - PHILADELPHIA NEW YORK CHICAGO


F-1 ... a pipe and tobacco pouch, the latter closed and opened with a slide fastener. Fits the pocket nicely. In ostrich, camel, pigskin or goatskin, as low as $\$ 3.50$ up, depending upon the leather. Patent applied for.
F-2 . . . a billfold that refuses to buckle. Special sliding band keeps large sums in check. Compartments for cards, stamps, and an identification window. In ostrich and pin seal, with or without gold corners. Depending upon style and leather, it can be had from $\$ 2$ up.
F-3 ... ecrase finished writing case, leather lined, with address book and perpetual calendar. Comes in assorted styles and leathers from $\$ 2.50 \mathrm{up}$.
F-4 ... a new tie rack, made to accommodate ties without crease or muss or rumple. This particular model is in green leather; this and other colors, from $\$ 1.50$ up. Patented. F-5 ... man's toilet case, leather lined. Soft, pliable, compact, this neat case takes up minimum space. Slide fastener on three sides permits owner to open case flat.
In pigskin, ostrich, and black and brown cowhide, with black or brown fittings. A large assortment of cases are made in this type from $\$ 7.50 \mathrm{up}$.
F-6 . . . an easel picture frame. in green morocco grained leather with gold hand F-6 ... an easel picture frame. in green morocco grained leather with gold hand
tooling and a small cameo medallion for decoration. Prices from $\$ 2$ up, depending upon size and style. go drapery-shopping these days. Because you'll want to FEEL as well as see these "New 3 " drapery fabrics whose lustre and beauty have been accentuated by *CELANESE YARN.
. Your fingers will find the DAMASK weave unusual - with its ground, satiny-smooth, and the raised design in ratine, dull and rough.
. Slip your hand along the caressing softness of SATIN STRIA. Want a surprise? Turn it over. Did you think that the "wrong side" could be so usable, so pebbly-rough and good-looking?

TABBY CRASH, ribbed and smart-looking. Try pulling it. It won't budge a thread. Firmly and sturdily woven, you can use it even for upholstering.
$\mathscr{D}_{\text {on' }}$ decide on new Fall draperies until. . . FIRST: you feel these "New 3" Colonial fabrics; SECOND: you SEE their rich color-tones and the graceful way they hang. The clarity of their colors and soft draping are due to a great extent to the CELANESE and novelty yarns. in these weaves.

NOW ON DISPLAY IN UP.TO.DATE DRAPERY DEPARTMENTS


Colonial Damask con taining CELANESE in bluegreen, mustard, wine, seaolue, salmon, and in com bination of rust and green Used in drapery illustrated


Satin Stria with its contents of CELANESE in same range of colors to march background tones of the Damask. Used on pillow.

abby Crash CELANESE is employed in wine, blue-green, autumnbrownand leal-greenmatch ing tones of Damask. Used as upholstering on chair.


The Damask, illustrated at the window, is likewise avail
able in several attractive styles of Redi-Made Draperies.
*Trade-mark Reg. U. S. Pat. Off

EXCLUSIVE PRODUCTS OF

Marshall Field \& Company, Wholesale
CHICAGO

MARSHALL FIELD \& COMPANY, Wholesale

## 222 North Bank Drive, Chicago, Illinois

Please send me GRATIS swatches of the "New $3^{\prime \prime}$ COLONIAL Drapery Fabrics together with suggestions for their use.
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$\qquad$
City..................................................................


Jake your first Sound• Proofed RIDE Nash now invites you to try Sound-proofed motoring - the latest in luxury. Every Nash model is completely and scientifically soundproofed in body, in chassis and in its new Synchro-Safety-Shift, Silent Second transmission. Nash also offers, in these great new cars, something brand new in free wheeling - Synchro-Shift Free Wheeling-as an optional choice at only $\$ 20$ to $\$ 35$ extra.

## Furniture Jesigned bu Elsis do Wollo



W No wonder it's a distinction to have one's town or country home "done" by her. No wonder you yourself want to have an Elsie de Wolfe living room. Certainly you will want to see the new pieces she has designed and styled for Karpen.
You'll lose your heart to this furniture to which Elsie de Wolfe's genius has given so much charm and to which Karpen has added such deep, lasting comfort. There are dozens of highly individ-


The English Room, by Elsie de Wolfe
Miss de Wolfe is partial to a soft, delicate background and to designs of simple elegance

- Craftsmanship by Karpen

Elsie de Wolfe, the internationally famous interior decorator, has designed and styled a variety of sroups and separate pieces for Karpen

The French Room. Not only the furniture, but the entire room was designed by Miss de Wolfe



This Knole sofa, from The English Room, is of striped damask, with adjustable arms
ual designs and fabrics to choose from. Karpen economy production brings them to you at prices that are most unusual for furniture of this character. Ask your dealer or interior decorator to show you these lovely pieces or write for the name of the nearest dealer from whom you can purchase. Also displayed at Karpen's showrooms, Chicago, New York and San Francisco.

+ WRITEFOR FREE ILLUSTRATED BOOKLETS -
S. Karpen \& Bros., 801 S. Wabash Avenue, Chicago, Ill.

37 th and Broadway, New York City; or P. O. Box 604, Huntington Park, Calif.
Please send me the following checked booklets: Elsie de Wolfe furniture $\square$ "Healthful Sleep," illustrating Karpen mattresses $\square$ "Rooms of Color," showing Karpen ensembles $\square$

Name... $\qquad$
Address

## KARPEN FURNITURE

Karpen Guaranteed Furniture

The secret of Auburn's success is very simple. It lies in building a better automobile and then selling it for less money. Anyone can verify this claim by making comparisons. That is why many thousands more Auburn cars have been sold this year than during all of last year. As a result of the enthusiasm of Auburn owners, the world has learned to expect more from Auburn. To prove worthy of its position of leadership Auburn's vigilance is never relaxed.

> AVBVRN

## When

## Hegin with the Kitchen Sink

IT'S time to bring your kitchen up-to-date-time to discover what a difference a Monel Metal sink can make in the appearance and convenience of your kitchen.

With the silvery Monel Metal surfaces brightening up corners as they were never brightened before... with the rich lustrous gleam of this Nickel alloy harmonizing with and complementing other kitchen colors... you'll see for the first time what a pleasant place your kitchen can be.

You'll also discover that a standardized Monel Metal sink is a sound investment. If you ever want to sell or rent your house, a Monel Metal sink will make it easier. And if you continue to live in it yourself, your
busy hours will be much more productive and pleasant.

The new standardized Monel Metal sinks offer advantages never before available in any sink, regardless of price. Silvery beauty ...solid metal with no coating to wear off... noise-deadening construction... protection against dish breakage...easily cleaned metal ...no seams or joints...immunity to rust... resistance to corrosion ... $31 \%$ more work space ... there are so many reasons why you will want a Monel Metal sink that you should ask your local plumber for more information. He can also give you prices, sizes, models, etc. Don't forget to tear off and mail the coupon below for the booklets offered without cost or obligation.



# ${ }^{6}$ Mister, I'm going to own a Buick, too, when I grow up." 

# "That's what I said, sonny, when I was a boy." 

Buick has kept faith with the boys of America for almost three decades, and will continue to keep faith with them
through the years, by building better and better and steadily maintaining Buick's position as the standard of value. Buick Eights, winning twice as many buyers as any other car in their field, are offered in four series with 22 luxurious models priced from $\$ 1025$ to $\$ 2035$ at factory. All models have Valve-in-Head Straight Eight Engines, Silent-Shift Syncro-Mesh Transmissions, Torque Tube Drives and Insulated Bodies by Fisher.


# NEW YORK'S UNOFFICIAL PALACE 

# by George S . Chappell 

FORTY years ago the dominant citizens of New York recognized that their city had no adequate background against which the progress of its fashionable life could effectively be displayed; no setting in which its society could, as it were, hold court.
Rome, London, St. Petersburg, Vienna, Madrid and Berlin all boasted of palaces in which the social progress of the people could be unfolded. But the geographical position of Washington; the fact that it was not our social capital, and the democratic limitations set upon our Presidents in respect to entertaining left us, in this country, without an adequate social mise en scène.
In the early nineties the astonishing growth of our country's wealth and our rapid advances in the arts, in sophistication and in taste, clearly indicated the need for such an arena.
Two men arose to supply that need-William Waldorf Astor, later, Baron Astor of Cliveden, and his cousin, John Jacob Astor. These men had inherited from their respective fathers two mansions on Fifth Avenue between 33rd and 34th Streets. As a result of their energy and vision the Waldorf-Astoria reared itself on the site of those ancient mansions.

It was in 1893, while the World's Fair in Chicago was astonishing the country that the Waldorf-the most imposing and costly hotel in America-opened its doors.
Our social leaders in those days, the Astors, Vanderbilts, Schermerhorns, Rhinelanders, Gerrys and Belmonts, managed to make of the Waldorf something very like a Court. It was they, for instance, who planned the hotel's opening ball and brought to it such famous subscription dances as "The Assemblies" and "The Patriarchs," then the smartest dances in America. While it was Mrs. William Astor who hovered benignly, as a presiding genius, over these affairs it was Mr. Ward McAllister who actually ran them, and Elisha Dyer, Worthington Whitehouse and Harry Lehr who led the cotillions that made the dances so famous.
Four years later, when the Waldorf had entrenched itself as a social institution in America, the Astoria was completed and joined hands with the Waldorf. The enlarged hotel at once became the background, not only for Society, but for bankers, statesmen, diplomats, and the avowed captains in every branch of industry. It was there, virtually, that the billion dollar United States Steel Company was formed; there that Gates, Widener, Schwab, Gary, Reid, Leeds, Vanderbilt and other prodigies of American finance foregathered and held sway.

The Astoria itself opened its doors in 1897 with the most elaborate and ambitious entertainment ever seen in America, the memorable and widely discussed Brad-ley-Martin Ball. For more than three decades after that event the combined hotel continued to serve, in America, as a synonym for "smartness" and for refinements in the then little-understood art of living. Finally, after thirty-five years, when the hotel had apparently achieved permanence in American life, the country was astounded to hear that the institution would soon be no more; that it was to be demolished and utterly erased from memory. It was announced, at the same time, that the Empire Building, that incredible temple to modernity, with Al Smith as its genius loci-would rise majestically from the Waldorf's grave.

Hearing these announcements, the World of Fashion, a good deal alarmed, leaned back and said, "Well, where can we go now?"

But, fortunately for America and its social traditions, history is today repeating itself. For, just as the citizenry of New York were feeling the need of a greater and still more expansive arena against which to reflect its kaleidoscopic life, a group of representative men had gathered together and created for them the New Waldorf-Astoria which, like the fabled phoenix of old, has risen, newborn, from the ashes of its own demise.

And now, on October 1, at Park Avenue and Fiftieth Street, the new Waldorf-Astoria will open its doors.

It is a relief to think that the era of the great hotels is not ended and that this new enterprise (on which twenty-eight million dollars has been spent-without counting the value of its land) will carry on its old traditions. As New York's new and unofficial palace it will continue to serve as a gauge by which to measure the country's progress in taste, sophistication and good living. It is pleasant, too, to note that the architectural setting of the hotel conforms in distinction and taste with its location which, for more years than we can prophesy, is certain to remain the center of New York's social life. With the completion of the Waldorf-Astoria there is certain to begin a new and fascinating chapter, not only in the social history of New York, but in that of the country at large.

And, with the opening of its doors, the World of Fashion, no longer alarmed, may lean back and say, "Well, now we know where we can go!"


FINE LIVING... à la carte

THE NEW WALDORF
gives vital modern expression to a distinguished tradition. Its twin towers rise dominant above Park Avenue. In equipment and appointments, it is far beyond anything hitherto attempted in the hotelworld. In hospitality and personal service, it will carry on the famed tradition of the old Waldorf.

## THE RESIDENCE APARTMENTS

comprise a series of private town dwellings. Each is individual in color scheme and furnishings. Most of these residence apartments are in The Towers.

## PRIVACY

is assured by the arrangement of elevators, by individual foyers, by soundproofing and other modern innovations. The Towers have the further privacy of separate under-cover motor entrance and separate elevators. Tower residents also have their own concierge bureau.

## FREEDOM FROM RESPONSIBILITY.

All these luxuries of private-home living may be enjoyed with complete freedom from household cares, maintenance, or investment. Apartments are also available unfurnished.

## FAMOUS DECORATORS

have treated each apartment individ-
ually. English, French, Swedish and American decorators are represented. Eighteenth-century English and French taste predominates. The color harmonies are sophisticated and sure; the furniture is in the best private-house taste.

## MODERN CONVENIENCES

abound in the transient apartments also. Each apartment has an electric clock ...reflected lighting... double the usual number of electric outlets...radio ...circulating ice-water...immediate mail and message delivery.

## PRIVATE ENTERTAINING.

Numerous private dining-rooms and suites are available for dinner parties, dances, wedding receptions and other social occasions. In these rooms, arrangements can be made for portable movietone apparatus.

## PUBLIC FUNCTIONS.

Every form of entertainment, from the small party to the mammoth ball, can be handled with efficiency at the Wal-dorf-Astoria. The Grand Ballroom has an orchestral organ and full theatresize stage, movietone and technicolor apparatus. It is wired for television.

COMMENDATORE GIULIO GELARDI,
of Claridge's, London, is Director of The Towers of the Waldorf. The same
punctilious service which characterizes Claridge's will be created in The Towers under his direction.
"OSCAR OF THE WALDORF". The famous Oscar Tschirky, who has been associated with The Waldorf since its beginning, is in charge of the banqueting and entertainment facilities.

## ALEXANDRE GASTAUD,

internationally renowned chef, is the Director of Waldorf-Astoria kitchens. Food has always been the Waldorf's pride. It will continue to be so. A specialty of the house will be American cookery, following famous recipes.

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provided at call... maids, valets, butlers, chauffeurs, messengers... Social Secretary Service. Entertainment Bureau. Shopping Bureau. Personal servants may also be retained; there are pleasant quarters and special recreation rooms for them.

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THE WALDORF-ASTORIA


THE WALDOHE-ASTORIA
Lucius M. Boomer, President


A Living Room in the Waldorf-Astoria, decorated by $W$ Э゚ J Sloane

An attractive Bedroom in the WaldorfAstoria, decorated by $W$ Ef J Sloane

## The WALDORF-

EIGHTY-EIGHT years of experience in furnishing the finest homes of the United States, and our unique facilities for providing FURNITURE and FLOOR COVERINGS of unusual merit, were the determining factors in the selection of our organization as general furnishing contractors to carry through this - the largest contract of the sort ever placed.

The opening of this latest and most luxurious hotel will provide an opportunity to inspect the result of the careful planning which has produced the comfortable and homelike atmosphere of its rooms and apartments.

We are confident that a visit to this most modern hotel will prove most pleasing to all interested in correct home furnishings.
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## SLOANE

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A charming Boudoir adjoining a Bedroom in the Waldorf-Astoria, decorated by $W$ छ゚ J Sloane
*

A Living Room in the Waldorf-Astoria, decorated by $W$ छo J Sloane

doors, the management decided to include in the twin towers, with their glorious prospect, suites done in
the exquisite manner of the French 18th century. $\$$ The possibilities of both Europe and America were investigated carefully by the representatives of the $W$ aldorf-Astoria, with the desire to have utter purity of style, artistic merit and durability from the standpoint of construction. क It was realized, further, that to retain its true character, French furniture must be made in $F_{\text {rance. }} \hat{\psi}$ Hence, after exhaustive study, Jacques Bodart was chosen as truly able to adapt a highly individualized artistry to present-day American living conditions. W Its $\mathrm{J}_{\text {acques }}$ Bodart furnishings accordingly enable the Waldorf-Astoria to offer in these suites the charming atmosphere of the home of the connoisseur.


New York: $385 \mathrm{Madison}^{\text {Avenue }}$

# JACQUES DODART, Inc. 



Jacques Bodart reproductions, exclusively the product of skilled hand-workers in France, are certain
to grow rarer as the men capable of such consummate artistry grow fewer. Hence, in the truest sense,
the ownership of a Jacques Bodart piece becomes an investment.

This is a camera study of a living room in one of the tower suites, with furniture in the French 18th century manner by Jacques Bodart, Inc. The carpet, in a spe-cially-woven toast color, is Mohawk Chenille.



Where, amid a luxury of appointment and a mellowing tradition, living is transformed from a practical business into a fine and an immensely satisfying art.


Other views of a room in the twin tower suites, laid with specially-woven, deeppiled Mohawk Chenille carpeting.

NEVER before has the opening of a new hotel been so informed with a sense of the historic as is the case with The WaldorfAstoria, which on October 1 commenced its official existence. The country at large had long regarded the older Waldorf-Astoria as the nation's host to the visiting great of all the world. This national feeling, of course, the new Waldorf-Astoria now inherits.
 - Apart from providing a new home for an old tradition, however, this latest arrival among distinguished hotels carries tasteful luxury of appointment and equipment to new heights. - Naturally, all equipment was selected by the officials of the WaldorfAstoria with exacting care. That Mohawk carpets should have been chosen for many spaces-suites in the twin towers, the Park Avenue foyers, dining rooms, lounges and other prominent locations-is one more proof of Mohawk's capacity to weave floor coverings of harmonious beauty and exceptional durability.


[^1]

Rugi G Carpets

## Beauty and Quality created the demand



The new Waldort-Astoria. Park Avenue and soth Street, offers the world the last word in modern and luxurious appointments. Architects: Schultze \&e Weaver. Builders: ThompsonStarrett Company, Inc. Both of New York City.

Some of the Buildings for which the Wm. H. Jackson Company has recently executed contracts:

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| Bank of Manhattan Building | New York |
| R. C. A. Building . . . New York |  |
| New York Life Building | New York |
| Stone \& Webster Building . | New York |
| New York Times Building . | Brooklyn |
| The Fisher Building . . Detroit |  |
| Canal Bank \& Trust Co. Bldg. . New Orleans |  |
| Folger Shakespeare Library | Washington, D.C. |
| Bank of Hawaii . . . Honolulu, T. H. |  |
| Residence of H. F. Dupont . . Winterthur, Del. |  |

The Empire State Building
Bank of Manhattan Building
R. C. A. Building

New York Life Building
Stone \& Webster Building
New York Times Building
The Fisher Building
Canal Bank \& Trust Co. Bldg.
Folger Shakespeare Library
Bank of Hawaii . . .
Residence of H. F. Dupont

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Jackson Products were chosen for the old Waldorf and the new Waldorf.

Jackson Products will also add signal charm and distinction to your home.

FOR more than 100 years the Wm. H. Jackson Company has specialized in the importation and creation of fixtures and furnishings for America's finest private and public buildings. Jackson products are many and varied. They include all types of Architectural Metal Work as well as a great variety of decorative accessories for the hearth and home-in marble,
 bronze and other metals. 00 Back in 1893, when the old Waldorf was built, the Wm. H. Jackson Company was called upon to create and install the Ornamental Bronze Work, which long distinguished this famous and luxurious hotel. eas In the new Waldorf-Astoria Jackson has been awarded contracts for the interior Architectural Metal Work and is also supplying Electric Log Fires or Electric Coal Grates of their design and manufacture in over 200 rooms. You will find these attractive modern "fires" highly desirablefor your home or apartment. They are equally inviting the year round for they contain Electric Heating Elements which may be turned on and off at will. eso Another phase of this organization's service to the public is in the field of Mantels and Fireplace Fixtures. $\infty$ Jackson imports rare antique Chimney Pieces and authentic reproductions of Period Mantels from England, France and Italy . . . Jackson also duplicates many of these models in Cretan Stone (a product of exclusive Jackson manufacture) . . . and designs, and produces in their own foundries Andirons, Grates, Screens and similar Fireplace Fixtures styled

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## for these products . . . . Value sustains it!



Main Foyer, Park Avenue Entrance, of the new Waldorf-Astoria. Interior Architectural Metal Work, here and elsewhere in the building, executed and installed by W m . H. Jackson Company.
in accordance with the various decorative Periods and made from the finest materials, eas Further evidence of Jackson's skill in the casting and modeling of metals is found in their Bronze Lamps, Smoking Stands and
 Book Ends, which are available in both original and Period designs. your home, will find that Jackson products make their first and strongest appeal through their unsurpassed beauty and quality. es And you could be offered no more convincing evidence of value than the record of growth and success achieved by this century-old House. ear Piece-by-piece and price-for-price comparison with other products will make this clear to you. eso Jackson Mantels, Fireplace Fixtures,
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$\bullet$Over 20,000 sacks of Medusa White Portland Cement were used for non-staining mortar in setting the stone in the new Waldorf-Astoria. Schultze \&d Weaver, architects; Thompson-Starrett Co., contractors; Dickson \& Turnbull, stone masons; John A. McCarthy and Co., supply dealers.

MEDUSA PORTLAND CEMENT COMPANY 1002 Engineers Building, Dept. E,

Cleveland, Ohio Manufacturer of Medusa Gray Portland Cement (Plain and Waterproofed); Medusa Waterproofing (Powder or Paste); Medusa White Portland Cement (Plain and Waterproofed); Medusa Portland Cement Paint; Medusa-Mix, the Masonry Cement; and Medusa Stonese T Cement.

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AWARE that wallpaper is the correct wall covering for up-to-date, cultured homes, and aiming to give their guests the individuality and charm of such homes, the new Waldorf-Astoria decided to use wallpaper from Thibaut in 1,000 of the magnificent rooms of the hotel.

The advantages of coming to Thibaut for wallpaper apply with equal force when decorating a modest home.

First, Thibaut offers the largest collection of wallpapers in the world to choose from . . . period designs of Colonial America . . . old French and English patterns . . . creations of important living artists . . . as well as the famous Endural washable papers used in the Waldorf-Astoria. Whatever the spirit you wish your walls to express . . . the keynote

in wallpaper may be found at Thibaut.
Secondly, despite the range and variety, no time is wasted at the Thibaut showrooms in searching through mediocre papers. Every Thibaut pattern is authentically correct and sound in taste.

Thirdly, it is an important fact that many of Thibaut's choicest patterns are among those of moderate price.

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## New WALDORF－ASTORIA

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The names of owners of residences having WHITE HOUSE installations is a veritable list of Who＇s Who in America．


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ANTIQUES
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$M_{\text {AN Y new and }}^{\text {charming acces- }}$ sories for the Early American interior are constantly to be found in the shops where one is told that the interest in this long popular type of decoration is undiminished. The enthusiasm for Colonial furniture which has survived the birth of Modernism and the revival of Victorianism is still strong despite the present trend toward NeoClassic decoration. Perhaps the surest indication of this fact is found in the large number of Colonial hooked rug patterns shown by manufacturers this fall along with the floor coverings for Directoire and Georgian settings.
$A$ MONG the most interesting accesAsories for the Early American room is the lamp il
an historic association giving added significance to its graceful lines. This is a faithful reproduction of the oil-burning lamp which lighted the Vermont parlor where Calvin Coolidge took the oath of office as President. The design that is etched on the crystal surface of the lamp base appears like festoons of some fanciful drapery caught up in rows of graceful folds. The base has been cast in a threepiece mold just as was the glass of the original.
The shade, which is hexagonal in shape, is made of a fine quality linen and was designed especially

## THE Strahan wallpaper, of which a

 section has been illustrated in the center of this page, likewise boasts an unusual history. When General Knox of the American Revolutionary Forces was decorating his mansion in Mainc he prevailed upon his friend and companion-in-arms, the Marquis de Lafayette, to assist him in choosing the accessories. This paper is a copy of


Fire Screen-IIunt Diederich MODERN INTERIORS PAINTINGS DECORATIVE ARTS SCREENS CERAMICS SCULPTURE

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- Crystal Highball Glasses 6"- $\$ 2.15$ each

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New York City


Colonial in influence "The Bradford" ceiling light is strikingly beautiful in both conception and workmanship. Of enticing interest are the braceful
petal-shaped lobes hammered by hand petal-shaped lobes hammered
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## DIRECTORY



QUITEE EXCGLISH
in feeling this chair suggests the best of the Queen Anneperiod. Stoutly made of Italian walnut, it has the soft patina of old wood. A set of 6 - $\$ 900.00$. Selected from ourstock of over 1000 pieces of English and Continental furniture-largely 18th Century. Sold only through interior decorators; furniture shops. CHARLES HALL, inc.
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OLD ENGLISH
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BLUE GLASS and perforated Sterling silver sugar basket, an original Watson-mark creation after the old English tradition, \$12 each. Order from your jeweler or write to us. Ask from your jeweler or write to us. Ask son-mark gifts at $\$ 2.75$ to $\$ 100$. THE son-mark gifts at $\$ 2.75$ to $\$ 100$. THE
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GARDEN FURNITURE Distinctive garden ornaments of Pompelan Stone, Lead, Terra Cotta and
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THE ERKINS STUDIOS 253 Lexington Avenue at 35 th Street
|LLUSTRATED at the right is a copy of a Colonial rushbottomed chair in a charmingly graceful design. The severity which usually characterized the work of Early American craftsmen has been somewhat relieved in this case by fashioning the slats of the back like elongated bows. Hence its designation -the ribbon-backed chair. At the same time none of the practical features for which this period of design is famous are sacrificed, and the extreme sturdiness of this chair is another of its desirable characteristics. As can be seen in the illustration, the seat is very hardily reinforced and the legs gain extra support from the wooden stretcher. Useable in
either living room or bedroom of Early American affiliations, its durability recommends it also for the nursery or playroom. This reproduction is the product of a guild of workmen whose aim it is to construct furniture that not only has the appearance of the Colonial originals, but resembles them also in the fine, enduring quality of the workmanship. Made both in walnut and maple; $\$ 40$ and $\$ 38$ respectively, express collect. The Val-Kill Shop, 331 Madisọn Avenue, New York.

F you possess an antique chair for which you have been unable to find a mate, the thing to do is to submit your problem to the Adleon Studios.


Here, with ease and dispatch, a perfect twin of your chair will be turned out, hiding its newness beneath an antique finish almost more convincing than that of the original.
On the other hand, should you feel that any part of the interior decorations of your home is in need of facc-lifting, these workmen will rejuvenate it with skill and imagination. For example, on a recent visit to this studio, there was a bed shown to us whose tall and unlovely head and foot boards had been cut down to a graceful height, painted a new color, and finally decorated by hand with a delightful copy of a French miniature. The Adleon Studios are at 365 West 34th St., New York.

THE chickens strutting across the illustration at the left are an embroidered decoration on a linen breakfast set. The feathers of these fine birds are yellow and black to match the fringed border, and their beaks and feet are bright red. Besides forming a gay background for poached eggs at breakfast, this set would be delightful on a child's table, where the barnyard theme might be carried further in the china and decorations. The napkins measure 9 inches square, the cloth, 14 by 22 inches. The cross-stitched design is executed by hand, this set having been imported from Italy. The price is $\$ 3.50$. Alma Needlecraft, 225 Fifth Ave., New York.

extra large glass (16 oz.) decorated in permanent enamels with all three types of terriers on each glass, 22.00 doz. highballs with scotty, sealyham and wirehairs, assorted four of each in
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1$\left.\right|_{\text {hanced the style }} ^{\text {AVIN }}$ of our dining tables with linens woven especially to match our favorite china we may now complete the smart ensembling of our dining rooms by using china whose design has been inspired by the silver with which we use it. This idea, which was origi nated by Oneida Community L.td., has been developed by them in connection with three of their most effective silver patterns-the Deauville, the Noblesse and the Grosvenor. For each of these an individual set of china has been designed, similar to the particular set with which it is to be usel in pattern and general outline. In the table setting illustrated above, a motif of triangle shapes done in silver forms the border on pure white china, echoes the triangle design that is etched on the silver with which it is used.PARTICU

lovers of must be the an nouncement of a new means of protecting all silver from the unwelcome effects of tarnish. This is in the form of a cloth that has been scientifically treated with many tiny silver particles which attract the tarnishing elements from the air and prevent them from reaching the silver it encloses. In addition to the care it affords the silver, its importance as a labor and time saving

device does not have to be stressed. This material, which is of a nice, soft consistency, comes in an attractive dark brown shade and is made up in numerous sizes of both bags and rolls to take care of any amount or type of silverware with the utmost efficiency

THE design of the aquarium shown at the left is more than a little reminiscent of the work of Japanes artists, throughout which one is apt to find the flamingo motif quite frequently used. Since this bird is accustomed to feed on fish, its use here as a decoration for this aquarium is especially appropriate and its graceful lines lend themselves well to design. Both the bird and the base are constructed of wrought iron that has been painted a cool Pompeian green. The bowl itself, which is made of crystal, is 7 inches long, 5 inches wide and 6 inches tall With the stand, the measurements are 12 inches wide and 16 inches high. This fish dwelling looks especially well when standing upon a sunny window-sill where the light clearly defines the silhouctte of the wrought iron and shimmers through the water. In the sunroom it would be a harmonious addition to a floral setting. $\$ 5.95$, express collect. The Boulevard Shop, Inc., 220 Northern Boulevard, Flushing, Long Island, New York.

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Home Study Course starts at once $\cdot$ Send for Catalog $2 C$ Resident Day Classes start Oct. 2d $\cdot$ Send for Catalog 2R NEW YORK SCHOOL OF INTERIOR DECORATION 578 Madison Avenue, New York City
$\left.\right|_{\text {N the foreground of }} ^{\text {the picture to the }}$ right is a tiny calendar that was made in Japan. Measuring only $25 / 8$ inches tall, it has a base that is made of milky, graygreen jade. The mounting and calendar frame are of silver. The dog that sits before the calendar watching the days go by has been carved out of carnelian. In the opposite corner of the same illustration is a charming Japanese snuff bottle that would be an interesting addition to a collection of curios; or it might possibly be used as a perfume bottle. Blown in two layers of glassthe inner one white, the outer, redthe design which has been carved upon the surface leaves the white glass as the background for the red figures which are raised in relief. This effect is known as cameo glass. The design is an amusing one of grasshopper, butterfly and spider. The stand is of teakwood. The height, over-all, is 3 inches. Price of calendar, $\$ 35$; of snuff-bottle, $\$ 20$. Both express collect. Yamanaka \& Co., 680 Fifth Avenue, New lork.
One of the most interesting departments of the shop in which these articles were found is that in which old examples of Eastern art are converted into accessories for the contemporary interior. In this group is a novel inkwell, that once was a tiny teapot, made of carved gray agate.


Some very unusual desk blotters have handles made from carved white jade belt buckles taken from antique costumes. Exceptionally lovely is a willowy female figure, whose draperies, that seem to float in the wind, support a small coock. The figure is of white jade, exquisitely carved; the base, of rose quartz. Another clock is mounted in an old agate vase. The tambourine shape of the latter makes it ideal for this purpose, the rounded portion becoming the face of the clock.

IN a very different tempo from that of the articles pictured above is the set of bowl and vase pictured belowcompletely modern in spirit and design. Made of white Primavera china, they are boldly decorated with brilliant touches of pinkish orange, silver and black. The low bowl has uneven rays of silver streaking out from its center, and a broad band of orange is splashed on opposite sides of the exterior. This piece is $93 / 4$ inches across and $43 / 4$ inches tall. The slender vase which looks for all the world like a delectable peppermint candy stick has narrow silver and orange stripes running dizzily about it and, from top to bottom, on one side, a black and orange panel. The height is $117 / 8$ inches; the diameter, $21 / 4$ inches. The bowl costs $\$ 32$, the vase, $\$ 16$. From L'Elan, Inc., 50 East 52nd Street, New York City.


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A booklet of practical interest to both gardeners and travelers is this handy little reprint from the May issue of House \& Garden, "Gardens to see in Travels Abroad", by Helen Morgenthau Fox. We have received so many requests for copies of this article that we have reprinted it in booklet form. We'll gladly send you a complimentary copy.

Probably no one could do more justice to the subject than Helen Morgenthau Fox, who, in addition to being a much-traveled woman, is also an amateur gardener of the highest standing. She is a daughter of Henry Morgenthau, whom oldsters will recall as being much in the public eye when he was United States Ambassador to the Sublime Porte, at Constantinople.


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## READER QUESTIONS AND OUR ANSWERS

$I$ am anxious to procure a dog for my children. Would you consider a Norwegian Elkhound suitable for the purpose?-A. S.I.
The answer is yes. You could not procure a better pet for your children. These dogs have an exceptional disposition, and while they are new to American dogdom, their popularity is increasing by leaps and bounds, because of their absolute dependability in every respect as a house pet. They are not large, they do not take up much room in the house, and are quiet, do not do much barking, and are especially clean in their habits. If handled with sympathetic understanding by you and your children, you would never regret the purchase of one of these dogs.
Like most breeds of dogs that come from the Arctic Circle this dog has a fur-like coat, prick ears, and a curled tail. They are attractive in appearance, are of sturdy build, and stout limbs. They have a quick intelligence, keen sight and hearing, and their color is gray, in various shades. The chief points to look for in a puppy are a longish head, small ears, plenty of bone, a dense coat, and a compact body. Like a number of other breeds, they come near to being the ideal dog.

How often should a dog be fed?
A definite answer to your question depends on the following points-the age of the dog, its size, its condition, and how much work it does, or, to put it differently, how much exercise it gets. Dogs other than the toy breeds at the age of three months should be fed four, or at least three, times a day. A dog from six months to a year should be fed two or three times a day, and after a dog is a year and a half, it should be fed, generally speaking, once a day. Dogs that have a voracious appetite and gulp their food should have one-third of the amount of the ordinary evening meal fed in the morning to appease their appetites, and the other two-thirds at night.
Why is it that so many dogs look cute, smart, and healthy when they are puppies, and then turn out to be such horrible-looking mutts when they are about a year and a half or two years. old? -J. P. H.
Much of it depends on the indiscriminate handling of dogs when they are puppies. A lot of it depends on the over-playfulness and mauling many
(Continued on page 44)

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## READER QUESTIONS

AND OUR
ANSWERS
dogs receive during puppyhood from children. It has always been the feeling of this writer that dogs during puppyhood, like children during infancy, should be handled as little as possible. The bones are soft, not fully formed, and too much handling does a lot of injury, interfering with the dog's proper growth and development.
What in your cstimation causes a young Shepherd to have hiccoughs in the carly part of the day, followed by voniting its food?--S. M.

If you are feeding this dog too much sloppy food, that probably is the cause Still another cause might be that it bolts its food, and I might suggest that you have the dog examined to determine whether or not it has worms.
All things considered, would you ad rise the spaying of a female?-C.M.O.
All things considered, no. But if it is done, it should be done before the dog's first season. But it is my humble opinion that spaying does a dog more harm than good-it is not a natural thing to do.
Do you consider it harmful to feed potatoes to a dog? $-M$. V

Dogs can with impunity be fed potatoes once in a great while, but they are a slow poison to dogs, and should not be included in the daily diet. In all breeds, but more so in some of the Terrier breeds, they cause skin trouble. The average dog is better off if it is not fed potatoes at all.

My dog, a German Shepherd four vears old, while quiet with children and in and around the house, if permitted off the leash in traffic attacks strange dogs and rather seems to lose its head. What suggestions have you to offer? $-B . M c L$.

## I would say that the dog was im-



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properly trained at the time when proper training would have done the most for him. A well-mannered German Shepherd while walking through the congested sections of the city, on or off the leash, should walk at heel and should be under the constant control of the accompanying person, and his voice. Possibly an inherited nervousness has something to do with it. However, at the age of four years the practice you speak of is a confirmed habit and the dog has probably gone too far in life to correct it. Therefore, I would recommend that the dog be not allowed off lead, in traffic and if the ordinary choke chain collar cannot hold him what is known as a training collat should be used. Besides, with a dog of this sort there is always the danger of its being run over by motors.

A recent discussion involved the running specd of dogs. What haze you to say concerning this subject?-E. R. K

The Greyhound has been known to run from 50 to 75 feet a second. The Whippet, considered the fastest of the canine race, can run 200 yards in less than 12 seconds. The record seems to be $111 / 2$. Eskimo dogs have travelled 45 miles in five hours, and one made 7 miles in half an hour. The average domesticated dog can run from 30 to 45 feet a second. Sporting dogs, such as the Setter and Pointer, can travel from 17 to 20 or 21 miles an hour, and maintain this pace for from two to three hours. The Foxhound is especially fast. They have been known to defeat even a thoroughbred horse, covering about four miles in a little less than seven minutes.


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The face of our dog, a Samoyedc, is stained badly from tears. This dog is a constant companion of ours on automobile trips and rides with his head out of the window. Would you say that this practice is irritating enough to the dog's eycs to cause the tears?

Erankly the dor will boc beterer off by not letting him ride with his head out of the car and exposed to the wind. The practice is generally injurious to the eyes, and undoubtedly sets up the irritation which causes the tears. A lotion consisting of witch hazel, boric acid solution and camphor water in equal parts, applied to the eyes every morning and evening, will possibly relieve the irritation. Have your druggist recommend some eye ointment which can be applied to the lids.

What do you consider a good brecd of dog to help rid a farm of rats?

There are a good many breeds that will help you to accomplish this purpose, but you will find the Kerry Blue, the Foxterrier, the Airedale and the Scottish Terriers particularly adept at this work.

How do you account for the fact that now, at eight months, the roof of my Chow puppy's palate is red with a few black spots, while earlier in life it was black?-T. P.

Your Chow puppy is probably anaemic and docs not have enough iron in his blood. Consult your veterinarian as to a good tonic. The principal part of the dog's daily diet should be fresh raw meat.

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## O CTOBER <br> 1931

Or all the year's twelve months, October is unique in its quality of fulfilment linked with preparation. Now is the season of Nature's ripeness; now, being a lady of forethought and experience, is she also building her walls strong against the stress and storms to come.

So, too, with the owner of a home. Another spring and summer have gone, leaving rich store of memories for the autumn fireside. Only the hardiest of the garden's flowers remain, yet already plans are forward for another season. The cooling days restimulate the imagination, stir again the slumbering ambition. We face the future with renewed faith, stronger in the health and vigor of autumn.

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## THE

## BULLETIN BOARD

Herbs and daffies. We venture to prophesy that the next few years will see discerning gardeners taking up two groups of plant material with intelligence and avidity-herbs and Daffodils. Not just the ordinary herbs nor just the ordinary Narcissus. Collecting herb seeds from the four corners of the world would be a fascinating diversion, and equally fascinating (did we have the money) to make a really good collection of the best Narcissus already on the market and the new ones as they come from the hybridizer's hands.
From various parts of the country there come reports of an increased interest in the Narcissus. A few patient gardeners are making crosses and sowing seed in hopes of finding some new improvements on existing varieties. Indeed, the interest has reached the point where we can expect to see an American Narcissus Society formed.
$G_{\text {arden clubs in october. A practical }}$ paper for the garden club program in October would be Winter Mulching and Protection. Since each locality has its own climatic problems, this paper should be the recording of local experiences.

If a garden personality is to be discussed, why not undertake an outline of the life and work of Alphonse de Candolle, who wrote, among other books, The Origin of Cultivated Plants?

For the month's book we would suggest the late Ernest H. Wilson's last work-If I Were To Make A Garden.

Houses that grow. In this issue we finish picturing the "House That Grows." This began in the June number and has continued on-exterior architecture, garden development and the decoration and furnishing of rooms-until the house is now complete. But the "House That Grows" idea is far from complete. In the November issue we shall be showing more examples of this progressive home building. Leigh French, Jr., architect of the "House That Grows," also designed these new ones.

One-fifth less. Apropos of House \& Garden's Build Now urgings, we learned recently of a case very much in point. It is summarized herewith in the earnest hope that he who reads may run-and do likewise.
A large construction firm in the New York region, in January of 1928, estimated the cost of building a certain home. The prospective owner looked at the figures submitted to him and decided to defer construction. In June 1931 he asked the same firm to figure again on the job, and this time he learned that the cost of such major factors as concrete walls and floors, excavation, brick work, timber framing and wood sheathing had come down about $21 \%$. Being a man of good sense, he then decided that a saving of more than one-fifth in the cost of building his house was certainly worth taking advantage
of, so now the actual work is well under way.
With slight variations this one-fifth decrease in construction costs holds good for the entire country. It is just one of the cold, definite, specific, logical reasons why the time to build a house is Now.

The consumer's chance. Not alone in building, but in all forms of merchandise as well, is the consumer finding prices coming closer to the size of his purse. It is well in these days to keep one eye on the middleman, however, and to see that excess charges are not heaped up unawares. We have arrived at a bargaining era. Those of us who inherit the quick wit of Yankee traders may now well thank our stars for it.

## NEW ENGLAND CONSCIENCE

Logs of spruce-wood laid to the embers, Chatter with sparks and the sweet smoke after, Fragrance a country heart remembers Clouding the air to the top-most rafter; Round, blue plate with its chilly apples, Cold from the cellar . . . and steep stairs creaking,
Wind in a rage as he roars and grapples With joist and timber, forever seeking Ways against safety.

## Am I pretender

Claiming the excellent warmth and wonder
Of bitter nights with a foot on the fender, Guarded, secure from the wind's wild thunder?
Perhaps I've earned as much as the kitten Who's hardly disturbed a mouse's yawning, I've darned some socks and the thumb of a mitten Stout for the work of a winter's morning;
Do I deserve the ease of fire?
(Wind at the door and the shutters rattle)
This room and the sleepy cat conspire To give me peace, when I've known no battle.

## -Martha Banning Thomas

$\mathrm{A}_{\text {rboreta. }}$ The American Association of Nurserymen in its recent convention at Detroit not alone made a pleasing gesture in giving the Distinguished Service Award to the august editor of this publication, but also presented a splendid paper on the arboreta in this country. The first of these was founded in Pennsylvania in 1728. Today those that are in existence or projected number eighty-five.

To a gardener and nurseryman an arboretum and botanical garden serve the same purpose that a library does to the student of books. There plant and tree families can be studied, there laboratory experiments are made, there rare treasures are preserved and from them often come new and worthwhile varieties that take their place in our gardens after undergoing the test of actual growing conditions.
$F_{\text {Rankitn the electrician. Lest, with our }}$ completely electrified homes, we should count ourselves very advanced, it would be well to glance back at Benjamin Franklin, the first American electrician. In 1750 he proposed giving an electrical banquet on the shores of the Schuylkill. "A turkey is to be killed for our dinner," he told them, "by the electrical shock and roasted by the electrical jack before a fire kindled by the electrical bottle, when the healths of all the famous electricians in England, Holland, France and Germany are to be drunk in electrified bumpers, under the discharge of guns fired from the electrical battery."

What, we wonder, would Franklin think if he stepped into a modern kitchen, with its electric stove, electric ice box, electric clock and its multitude of egg-beaters, orange juice extractors and other current-run gadgets.

Sweet corn abroad. Sweet Corn on the cob, one of the favorite items in the diet of Americans, has always been an object of wonder to foreigners. Russians scorn it as a food fit only for hogs. The French cannot quite be convinced of its succulence and the British look upon our method of eating it as a form of barbarism. Most of this criticism is based, of course, on the fact that until recently Sweet Corn did not mature properly in the climates of these countries. It has now been found that Golden Bantam Corn seed raised in Connecticut ripens quicker than that from the Middle West and this variety is being sent abroad to satisfy the demands of Americans living on the Continent and in England. One New York seedsman exports over 200 pounds annually to American garden owners resident abroad. It will mature in the southern part of England; it is being raised successfully along the Riviera; around Paris the Americans have had so much luck with it that they now hold Corn Contests in August.

Corn in the pot. We hope that these American Corn growers at their contests will also include a course of instruction on how to cook Corn. We still feel sorry for that kindly French hostess who, knowing of our impending visit to her place, had taken the trouble to raise a row of American Sweet Corn in her garden. She showed it to us at our arrival on an August morning. It was to be the prièce de résistance at dinner that night. Sure enough, at the middle of the meal, the Corn was brought in solemnly, wrapped as we had told her in a napkin to keep it hot. But such Corn! The poor dear had kept it boiling furiously on the stove for four mortal hours. "Otherwise," said she, "how could we have ever eaten those tough cobs?"

Anerrican aubusoons. In addition to making excellent copies of traditional Oriental rugs, our manufacturers are now creating good copies of Aubussons. We may expect to see this type of rug swing into popular demand. Hitherto original Aubussons have fetched such high prices that only the affluent could afford them. Both the colors and the designs of these new reproductions warrant serious consideration by those looking for new rugs.

The plant's the thing. Many fond and hopeful exhibitors at flower shows labor under the impression that when award is made by the judges, the honor goes to the exhibitor alone. In most classes it is the plant that receives the award, not the man or woman who grows it. Would that this might be understood by those who submit "artistic displays." The lives of the judges would be happier and, perhaps, safer.

Q. W. Harting

High-inghted by sun and backgrounded with shadow, this entrance detail of a wood doorway set in a brick wall, photographed at an angle from above, presents an unusual architectural composition. The residence of Dr. John M. Wheeler at Fieldston, N. Y. Julius Gregory was the architect


Harry G. Healy

## Wedding companionate flowers • By six good gardeners

Iv every hardy garden planting there are two important considerations which vitally affect the beauty of the whole: the selection of individual plants, and the manner in which those of different colors and types are grouped. There are those which clash and those which naturally harmonize and supplement each other. To the latter we might apply the term companionate flowers, significant of their mutual fitness for each other and the pleasant ways in which their association leads.
To point the way to success in such horticultural weddings House \& Garden has asked six noted gardening specialists to prescribe their favorite combinations: Mrs. Claude C. Hopkins on Iris; Mr. J. H. Nicolas, Roses; Mrs. Helen M. Fox, Lilies; Mr. Roy V. Ashley, Oriental Poppies; Mr. John T. Scheepers, Tulips; and Mr. Donald Wyman, Phlox. The opinions and suggestions of these authorities are set forth in the paragraphs which follow.

Mrs. Claude C. Hopkins, whose garden of aristocrats at Fruitport, Michigan, is especially famous for its color arrangements both in the border and indoors, has undertaken for us the difficult problem of brown Iris combinations:
"'I do not admire those brown Iris,' remarked a visitor to my gardens at Iris time last spring. 'They look as if they needed to have their faces washed.'
"That unkind remark about a favorite of mine set me thinking. I loved the brown Iris so well that they never looked dirty to me. But I recognized a basis for the
criticism, and I saw where the reason lay. The brown Iris was planted among blues and pinks and various delicate Iris shades. I awoke to the fact that in those surroundings their subtle beauty was lost. They need some special treatment to bring out their rare and lovely coloring.
"My remaining June days were spent in experimenting with colors for a background. The procedure was as follows: I made a small garden of cut flowers, putting them in the ground as though growing, and comparing the groupings in all lights, morning, afternoon and evening. Colors change in different lights, as we all know. Much bloom was sacrificed, for these experiments required days of hard work. But the eventual result was worth while. I feel that I have evolved a combination which will be a delight to connoisseur and true colorist, and bring to brown Iris the glory it deserves. To me the result was enchanting. Each Iris and Peony seemed to enhance the beauty of the rest. But I must add that this is not a planting for the timid.
"My final arrangement was this: Iris Rosalba, reddish color; Shekinah, pale lemon. Then into the deeper browns and yellowish shades, such as Coppersmith, Achracea Coerulea, Grace Sturtevant, King Carl, Ambassadeur, Vesper Gold, Glowing Embers, Ophelia, Bruno, Mme. Chobout, Valerie West, and ending with more reddish shades. Delilah presents an invaluable color, Evadue, Medrans and Tenebrae.
"In my section, brown Iris, being late, bloom with Peonies. So I plant the Peonies

In the garden of Mrs. Harold I. Pratt at Glen Cove, New York, a prevailingly green background of shrubbery and small trees is utilized as a foil for plantings of German Iris. The latter are carefully chosen for color harmony
back and beyond the brown Iris. Moon-Yen-Claire-a single Jap-is good near Bruno, Flora McDonald single, Torpilleur Jap and Gypsy Jap. Attraction, a tall Jap, should be used near Delilah. Cathedral, an exquisite Jap too little used, is good near anything. No pink or white. There is something about the various Peony shades I use and mention which helps to bring out the exquisite color tones existing in the brown Iris.
"For lightness and delicacy I use plenty of the blue and yellow Columbine, blue Lupins (no pink), and the lemon Hemerocallis flava. One may add such shrubs as Paul's Scarlet Thorn and Lilac Roth in the background.
"In some sections Tulips carry over into Iris blooms. There one may plant with the brown Iris Heloise, Media, Fawn, and the old-fashioned Tulip Noire. If these carry over into the Iris blooming period the colors are harmonious. They have none of the rose-pink that is so disastrous to brown Iris.
"I have not included in above suggestions the lovely King Midas, for this kingly Iris is too well placed in a group of yellows. Planted with Rialgar, it has

"A combination of Chatillon Rose, light salmon pink, medium height; Echo, light flesh paling with age; Gruss an Aachen, flesh and cream paling to white, low height; and Yvonne Rabier, pure white, medium height, would be strikingly beautiful in front of a bed of dark colors, as for instance Heliotropes. These would also liven up beds of early flowering perennials which have but their foliage to offer the rest of season, such as Iris, Peonies, etc.
"If yellow or white predominates in the bed, then red or deep pink Polyanthas would be recommended:
"Ideal, maroon red, medium height; Lafayette, cherry red, low to medium; Miss Edith Cavell, dark red, medium; Superba, deepest maroon, medium; Eblouissant, scarlet crimson, very low; Ellen Poulsen, deep pink.
"A blue garden would call for yellow or orange salmon such as Edgar Elger, lemon yellow, low growing; Golden Salmon, orange salmon, medium height.
"Salmon is the predominating color in Phloxes (although there are purple and magenta varieties) and the orange Polyanthas seem in order as companionate flowers. They will also go well with the purple varieties:
"Golden Salmon, above named; Gloria Mundi, deep (Continued on page 108)

In the photograph directly below four flower types are happily grouped: Iris and Lupines are in flower, with Sweet William and Oriental Poppies hurrying to join them. The larger picture suggests blended effects possible with Tulips



At guadalajara is a group of houses designed by a young architect, Luis Barragan, which interpret local requirements and traditions in the modern manner. They are constructed of thick adobe walls coated yellow and red tile roofs. Native wooden screens and gratings painted in bright colors have been successfully applied to create rooms in the interiors and to divide gardens and courts into small apartments

The roof terrace of the home of Sr. E. Aguilar is shown at the upper left. Projecting beams which support the roof tiles are of Arabic design and the chimney top is from Italy. (Above) These arches in the same house are built around a large tree and give entrance to the garden. (Left) A small patio in the home of Lic. E. Gonzalez Luna showing a bright red and blue turned wooden screen used as a door

Modernist houses in Mexico



## Fresh ideas to try

I. Wall pancls of flower prints from old books arranged as bouquets were shown at the Grand Rapids exhibition. Mounted on white paper framed with gold wire. Beverly and Valentine, decorators
2. This festive idea was seen in an elevator hall not large enough for furniture. A mirrored panel is enhanced by potted plants held in wire rings fastened to the walls at the sides of the glass
3. In Holland, Sweden and Denmark, Venetian blinds are frequently used outside the windows, painted the color of trim and topped by a wood or metal valance. An extremely practical idea
4. A thought for winter windows from Jones \& Erwin, consists of brown ropes and tassels looped over white satin curtains to form a valance. Loops, ropes and tassels are among the new notes
5. Not a ring-around-a-rosie but a table and seat built around a giant Elm for al fresco lunching. This sturdy table in the garden of Mrs. Preston Rice, Grand Rapids, Mich., is finished in green


## Indoors and out

6. Flowers on floors are a pleasant change from stars and the block and diamond linoleum designs. With all the colors available in linoleum and rubber, charming bouquet effects can be inlaid
7. In the same room with the cut-out flower panels shown opposite is this window treatment of eggshell taffeta curtains hung from a convex valance of twisted wire in antique gold color
8. A cool window treatment for California or Florida houses consists of Italian tiles set in the wall around the casement in place of the conventional curtains. Tiles have a drapery design
9. In Paris miniatures are framed in shadow boxes. The upper picture shows a frame made of narrow bands of beautifully grained walnut; in the lower illustration, the frame is cork
10. From the Paris Colonial Exposition come these garden lights. A series of inverted bells in creamy opaque glass form a radiant column of light, suspended from a gracefully curved standard


Beginning with these pages, House \& Garden will devote regular space each month to a presentation of ingenious ideas in decoration. The features will not be limited to any particular department of the home, but will range from basement to garret, and touch on garden and terrace, as well.
We urge our readers to send us appropriate ideas they have worked out successfully and care to pass along to others

## A tussie-mussie for these times

John Parkinson, who in his day was a godfather of English gardening, once wrote (the year was 1629) a delightful book that met the public eye under the name of $A$ Garden of All Sorts of Pleasant Flowers. In it he uttered, among other aphorisms, the words, "There be some flowers make a delicious Tussie-Mussie or Nosegay both for sight and smell."

That word "Tussie-Mussie" has long since entered into the parlance of gardeners. Though nosegays seem little worn these days, and flower shows almost never suggest them as competitive subjects, there is scarcely a gardener but finds his experiences becoming a Tussie-Mussie-and both for sight and smell. We are constantly gathering these nosegays, we gardeners, and from them our lives are measurably enriched.

There was that old climbing Rose which has spilled its prodigality of bloom each June over the top garden wall. This spring it appeared to be ailing. The combination of old age, profuse flowering and a touch of canker had written its doom. I routed it out and put a newly-created climber in its place and that night went indoors to write the ending and beginning of these Roses. The search for the date of the planting of this Rose sent me chasing back into the yellowing pages of my garden notes. Finally I found it-for thirteen Junes it had spilled that scarlet wave over the wall. In that search I also gathered a poignant Tussie-Mussie, one that all gardeners eventually collect-I realized how many Roses and dozens of other kinds of plants in those thirteen years I had set out and never saw again.
$\mathbf{N}_{\text {ature }}$ is prodigal-and so are most gardeners. We plant far more than we ever bring to successful blooming. In these days of careful spending, perhaps it might be well for us to question the wisdom of this prodigality. Were it not better to have few plants and grow them well, than an unending variety and bring only a few to successful fruition?

Another Tussie-Mussie I have been gathering in these days of economy is the enjoyment of the plants I have. We all suffer the temptation to buy more and more plants, to bite deeper and deeper into the frontiers of our gardens. More gardens and more plants exact more work and more care. The end of the day finds us so exhausted that we are too tired to enjoy the beauty surrounding us.

Lest I should miss this enjoyment, I have made a practice each week of going around the garden and collecting a Tussie-Mussie of everything in bloom. These make a jumbled bouquet that is set on my desk to study as I write. First come the Crocus and the other harbingers of spring, then the varieties of fruit trees and early flowering shrubs -the gamut that runs from Forsythia ovata in March, to the full orchestra of the fruit trees, the flowering Crabs and Plums and Japanese Cherries and Bush Honeysuckles of

May, commingled with an abundance of Narcissus. So on, week by week, these beauties are revealed to me, and as I study their infinite variety I am determined not only to grow better the plants I already possess, but to enjoy them more.
Through this survey I find myself not only becoming better acquainted with these flowers, but growing more critical of what constitutes a good flower. My Tussie-Mussie is a nosegay of discernment, of higher standards. I am determined that whatever new flower shall henceforth enter this garden shall be possessed of superior merit.
Still another nosegay of experience that I would collect is the practice of growing more of these treasures from seed. Doubtless the majority of them could be bought somewhere, but I am determined to follow that slower course which growth from seed requires. Perhaps some of the seed will fail to germinate, perhaps some of the seedlings will damp off, perhaps some of the maturing plants will find their environment uncongenial. From each of these I hope to gather a rich Tussie-Mussie of experience.
$H_{\text {aving gathered these three nosegays, may I have the }}$ good sense to sit still a while in my garden and extract from them the nectar of their wisdom. From the first: satisfaction with that I have. From the second: a finer discernment. From the third: the practice of patience.
During the past few years, these three excellent habits have been thrown very much into the discard. The rush of material prosperity caused many people to become discontented with what they already had. In the hectic acquiring of new and more possessions, they forgot their standards. They grew very impatient with anything that failed to prove instantly successful. The tendency of the last few months, since we felt the pressing thumb of depression, has been to slow up the tempo of living. Whereas heretofore we sped past many a thing of beauty and merit, we are now moving more slowly, we have time to enjoy the sights and smells and delicacies of our impressions and are gradually acquiring a whole new set of standards by which to judge them. Not alone are men and women now demanding real quality in goods they buy, they are requiring also that life repays them for the solicitude with which they live it.

Only the dumb and obdurate will fail to realize that the old order has changed, and that the new offers far more than the old ever did in the enjoyment of life. For the same discernment that a gardener will turn on a new flower can be turned on every other kind of pleasure-on new books, new furniture, new music, new architecture, new contacts of man with man. From our lives we shall be gathering an entirely new kind of Tussie-Mussie, gathering it with more exacting taste, with more patience. And perhaps we shall be gathering them more frequently.
-Richardson Wright


George W. Harting

The dining room in the New York apartment of Mrs. Edna M. Albert is furnished in Regency style to coincide with the paper panel picturing a house of that period. Walls and ceiling are gray-blue, with brown marbleized dado and pilasters. The furniture is tête-de-nègre and gold. Mrs. Buel, decorator

Regency inside and out


5. Eggshell Empire damask. Schumacher. 6. Fur cloth, deep, loose pile; upholstery or high windows. Jones \& Erwin 7. Hand-tufted cotton with horizontal stripes
8. Synthetic haircloth made to meet the demand for smooth, cool texture. For upholstery only. Jones \& Erwin. 9. Natural colored mohair damask. Johnson \& Faulkner


# Twelve excellent perennials for the border 

VERBASCUMS: We are just beginning to appreciate the Mulleins. In commerce we now have a tall white variety called Miss Willmott, a tall pure yellow and the Phoeniceum, as pictured at the left top corner of the opposite page. These last grow to a modest two feet high and can be placed well to the front of the border or even in the rock garden. They come in white, pink, blue, mauve and purple, blooming from June to September.

The plants are easy to raise from seed, and make no especial demands other than for a sunny location.

SPURIA IRIS: In addition to growing the newer varieties of Tall Bearded Iris, discerning gardeners are extending their interest to other Iris groups, of which the Spurias form an important part. They have fibrous roots, like the Siberians, and a flower that resembles Spanish bulbous Iris. At the upper right corner of the facing page is illustrated Lord Wolsely, one of the most beautiful of the group, that grows to 40 inches high. Other kinds worth growing are Monspur, Shelford Giant, A. J. Balfour and Dorothea K. Williamson. Spurias prefer a non-lime and damp soil.

PEONY LE CYGNE: Since the American Peony Society has made such an excellent study of the Peony varieties in commerce, the wise gardener buys them according to their rating. At the top, with 9.9 points out of a possible 10, stands Le Cygne. The color, at first milky white, later fades to a pearl white, and the fragrance is pleasing. A light grower this, but amply paying with its beauty for both its initial cost and its subsequent care.

Next below it in rating comes Kelway's Glorious, with 9.8 points, a large, creamy white flower with fringed petals.

JAPANESE IRIS: To grow to perfection Japanese Iris requires a sunny spot that is damp in spring and early summer and not too wet over the winter. The soil, also, should be tending toward the acid. Give these conditions and the July garden will be made glorious with their great flowers. The ideal Japanese Iris flower should hold its broad petals out flat.

So many are the varieties on the market and so confused the names that the beginner had better buy her collection from a source that has specialized in the production of these plants.

POPPIES: Pictured on page 67 is one of the newer types of deeply-cut Oriental Poppies. Blooming toward the end of May in gardens of the Middle Atlantic seaboard, they have a large number of flowers that can companion them in the border. Their colors include white, salmon and through the range of reds and scarlets. One must be quite careful in the placing of the latter lest they clash.

The planting times for Oriental Poppies are early spring and late summer when they are dormant. Set them in good soil with the top of the root an inch deep.

DELPHINIUM: At the upper right corner of page 66 is shown one of the types of large-flowered modern perennial Larkspur or Delphinium. The color range is through the mauves, purples and blues and even white is available. Start with good seed. Keep only those plants with the sturdiest growth and best flower stalks, and, if they deserve increase, root side shoots, since the Delphinium does not come true to seed.

In winter, Delphinium clumps should be covered with sifted coal ashes, and from first appearance of the plant be dusted with Bordeaux against blight.

LUPINS: Blue, pink and white are the commoner colors of perennial Lupins, although English hybridizers have recently introduced copper and brown shades. They make an excellent middle-border plant accompanied by harmonizing Iris and $\mathrm{Pe}-$ onies. Their foliage is always decorative.

While Lupins seem satisfied with poor soil, some authorities hold it best to feed them heavily with bone meal or a fertilizer rich in nitrogen. Aphids which attack young sprouts can be controlled with a nicotine spray. Lupins are easy, though often slow, to grow from seed.

POGOCYCLUS IRIS: Many of us have admired that strangely beautiful Iris called Susiana or Mourning Bride. This is an Oncocyclus Iris, a tender native of Asia Minor that requires special care. Cross this type with the Tall Bearded Iris and the resulting hybrid is called a Pogocyclus. Of this kind an easily-raised type is Zwanenburg, which blooms with the Intermediate Iris in mid-May. Its colors are cream flushed pale violet with old gold falls splashed soft maroon. The crest is yellow and the beard bright orange. It is shown in color on page 68 .

COLUMBINES: The third flower portrait en page 66 shows the familiar Aquilegia or Columbine, an essential in any border. The long-spurred varieties, although not as long-lived as the others, come in an abundance of colors and are easily raised from seed. Nor does the plant require any especial soil save the Rocky Mountain type or Aquilegia coerulea, which seems to thrive when set out in an acid soil.

Always raise a fresh batch of Columbines each year and always buy the best seed; self-sown seedlings are apt to revert to the common short-spurred types.

SINGLE PEONIES: Large loose petals of delicate colors or finely feathered edges characterize most of the single Peonies, and the Japanese varieties are further marked by an inflorescence that in some varieties is as richly colored as a big Chrysanthemum. At present there is an increasing interest in these types.

The culture they require includes setting the roots so that the eyes are not more than three inches, and not less than two, below the level of the soil. They respond to rich loam, require a fair amount of sun, and should be carefully staked.

TORCH LILIES: Various common names are given the Tritomas-Torch Lilies, Red Hot Pokers and such. They are better known in England than here, but given intelligent care they can become a feature of the border. Easily raised from seed. From New York north lift the plants in fall and store them in a frost-proof cellar.

The colors vary from pale lemon yellow to the most vivid scarlets and in size there is an ample range from the dainty little Gracilis types suitable for rock gardens to five-foot bold kinds that can range down the middle of the border.

$I_{\mathrm{N}}$ THE old herbals the drawings are always circumscribed in a square or oblong. In presenting these studies, Miss Louise Mansfield has followed the ancient style, lopping stems or bending them to fit the imaginary frame. On this page are Mulleins, Spuria Iris and Peony


Modern flowers shown after the
style of the old herbals


$\mathrm{N}_{\text {ot }}$ aloxe do these flowers vary in the shape and character of foliage, but each bears a flower of pronounced in-dividuality-the flat discs of Japanese Iris, the purple spires of Delphiniums and the airy grace of Columbines. Of those diversitics is the successful perennial border composed


Japanese Iris beside Delphinium
with Columbines below



New Lupins, an Oriental Poppy
and a Peony from Japan


On page 64 are directions for growing the perennials pictured on this page. Here we would point out the variations in form that help these plants give interestthe pinnate leaves of Poppy Lord Lambourne, the flower spires of new Lupins, and the bushy growth of a Peony



## What to know about tapestries

TAPESTRY making is much more than mere weaving, it is an interpretative art. The weaver must be an artist-craftsman, not a mere copyist, for to him falls the part of interpreting in his medium of woven threads the full sized colored cartoon prepared for his use from the small original picture or design of the artist. This transition of flat paint into a repped textile requires as much native art talent as technical skill, and it is small wonder that the best weavers have made a practice of signing their masterpieces by initials or names in the margin (galloon) of their tapestries, just as the painter signs his picture.

In European woolen tapestries the pattern is composed of the weft, or cross threads, which completely covers the warp, or lengthwise threads; but the piece is woven sidewise on the loom, that is, the height of the tapestry is stretched across the width of the loom, which is limited in breadth, and the "length," or width of the piece, may be extended to any dimension.

The rep, or ribbing, is horizontal as a piece is hung. The coarseness of the weave is regulated by the spacing of the warp threads. When these are stretched vertically on the loom, the work is known as high-warp-haute-lisse, anciently hautelice. On the basse-lisse, or basse-lice loom, the warp threads are stretched horizontally so the work lies flat before the weaver and not upright, and is called low-warp weaving. The texture of the weave is identical in both. The spindle, or bobbin, holding such colored weft thread as is needed for the design, is passed by hand over and under the warp threads and pressed into a strong fabric by a comb-like implement.

The bobbin for a high-warp loom is called a broche, and for the low-warp is a flute. The weaver works on the back of the tapestry, where the loose ends of the threads are left hanging, as one color ends and another is inserted to form the pattern, and he does not see the general effect of his work in the process of his weaving.

Tapestries can be as well made to-day as six hundred years ago, but the softening of colors by age and use, as in Oriental rugs, is achieved only by time and is one of the points of value in an antique. Tapestries have long been called "woven pictures," but when it is considered that the average accomplishment of a weaver of

# First of two articles telling the story of this craft • By Mr. \& Mrs. G. Glen Gould 

woolen tapestry in a medium coarse weave is one square yard a month, while an equally expert painter can fill his canvas of the same dimensions with a completed work in a few hours, the divergence of the two methods becomes striking. Because of its pictorial possibilities, tapestry follows very closely after the painting of each period.

The term tapestry, by the common consent of the Western World, means a decorative hanging made of wool, often on a linen or hemp warp, perhaps with the enrichment of silver and gold threads, and the addition of silk. But the word includes any fabric similarly woven, so that an allsilk, all-cotton, or linen fabric may be a tapestry. Tapestry uses, too, have been many. Ancient and primitive tapestry pieces usually ornamented fine garments, were used for tent adornment, for blankets and for rugs.

The history of European tapestry making from Medieval times is inextricably bound up with the adventures of heroes and the vicissitudes of kings, so that a romantic setting for the story of its development from city to village, palace to factory, is inescapable and is one of its most delightful aspects.

Because France so long dominated the art world, French terms persist in any consideration of tapestry. The tapissier is the weaver, the chef d'atelier is the artist weaver in charge of any great work. The workshop is the atelier; the artiste, the designer. He makes the petit patron, or small color sketch; selects the colors and designates the materials-wool, silk, gold thread, etc. The grand patron is the colored cartoon, as large or nearly as large as the finished tapestry. It is made from the petit patron, early on linen but later cn paper. The ornementiste is the specialist who is responsible for the borders and other ornaments which add appreciably to the beauty of the finished product.

Design, color, and texture vie with each other for supremacy in the accomplished result. While texture catches the eye of the
expert, and color engrosses the connoisseur, design appeals to everyone. There are three classes: verdures, personnages, and verdures des personnages-verdures with human figures. Tapestries follow quite closely the development of painting, in their designs, from the Gothic period to the 19 th Century.

Gothic: Flat drawing and colorstrong and brilliant; distinct outlining of figures, little perspective; decorative and pictorial; effects produced by contrasts in texture as well as color. Early pictorial tapestries all wool, or woolen, linen or hemp warp; later, superb with gold and silver enrichment. Generally oblong. Sumptuous sets rich with silk, gold, and silver. Verdures, or millefleurs, foliage with flowers amid curling leaves; forest and foliage with birds, dog, rabbit, fox, lion, monkey, unicorn, etc. Verdures des personnages-forest trees with human figures, flowers, birds and animals; dog or squirrel casually introduced in any foreground; simple woodland flowers-lilies, primroses, blue bells, and daisies. Armo-rials-blazon, the shield with coat-of-arms, on ground with detached flowering plants, scattered or patterned millefleurs; squareor espalier-in horizontal or frieze form. Personnages-Medieval impassiveness of face and form. Center of interest placed bigh on design; furniture all in foreground. Compartment designs, framed architecturally or with foliage; triptychthree compartments; sometimes in tiers; each compartment often crowded with figures. Religious and allegorical scenes. "Credo" tapestries, based on the Apostles' Creed, with an Apostle and his allotted Prophet, which by common ecclesiastical belief was thought to prefigure the Apostle; these prefigurations persisted throughout the Gothic period, with appropriate texts and prophecies, the "divisio symboli." The nine "Preux"-heroes of old Biblical, pagan and Christian times, three of each. "Salvation" tapestries-Creation, Redemption, Baptism, etc. Allegorical-Virtues and Vices, Prodigal Son, etc. The "Cerf Fragile"-(Continued on page 100)


Two levels in a garden near New York


Perfect balance and a sense of repose mark the outlook from the rear gates into the garden of Louis Wilputte at New Rochelle, N. Y., of which three views appear on these pages. Clarence Fowler was the landscape architect and Julius Gregory the designer of the house

At the top of this page is the springtime view of the garden from the terrace, with flanking Dogwoods at their best. In front of the wall in the foreground low-growing Yews are planted, and next to them Azaleas in deep salmon and orange shades
On the lower garden level each bed contains an intermingling of pink Clara Butt, lavender Dream and the dark red Zulu Tulips, with borders of blue Phlox divaricata. The upper level carries a herbiceous and shrubbery border


## The house that grows is completed

by its baths, kitchen and pantry

Washable wall covering, green, yellow, rose and orchid, makes gay pantry walls. Standard Textile Products. White enameled steel cabinets, Janes \& Kirtland. The sink, from Kohler, includes an electric dishwasher. Yellow linoleum, green border, from CongoleumNairn
Kitchen: white steel cabinets, Janes \& Kirtland; monel metal sink, International Nickel Co.; automatic refrigerator, Frigidaire Corp.; and gas range, Glenwood Range Co. Red and blue linoleum, Armstrong Cork, combines with red, white and blue washable wall covering, Standard Textile Products. Electric clock from Warren Telechron


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Distinguished living suites
of New York's newest hotel


## Among the building gadgets

Comfort heater. A thermostatically controlled portable electric heater has a heating element, thoroughly tested by long use in the industrial field, that is entirely new to residential heating.
This element, consisting of a flat ribbon of strong, non-rusting metal arc-welded to the terminals and held permanently rigid by a heavy molded insulator top and bottom, and molded insulating end frames, heats almost instantly, but never gets red hot. It is mounted in a well-designed metal cabinet, joints of which are welded.

To generate safe, comfortable and dustless heat it is necessary only to plug into an electric outlet and set the thermostat to the degree of temperature desired. The cabinet, which comes in mahogany, walnut, jade green and ivory heat resisting lacquer finishes, stands on rubber cushioned legs that will not scratch the floor.
The cabinet never gets so hot it cannot be handled. Open grille work covers the entire bottom of the heater and prevents accidental contact with the heating element. Should a child knock over or fall on this heater he could not be burned or shocked, a fire would not be started nor would the heater be injured.

Cool air is drawn off the floor, quickly warmed as it passes through the ribbon coil and is returned to the room through louvres at the top of the cabinet at a rate of 120 feet per minute. This heater is made in two sizes: 660 -watt for average rooms, and 1250 -watt for large rooms. Humidifiers may be had with the heaters.

Steel casement weatherstrip. An excellent way to make steel windows draftproof, particularly the out-swinging type of steel casements so much used in homes today, has now been developed. The equipment takes the form of a spring bronze and felt weatherstrip that is just going into distribution.
This bronze-felt strip, of simple and ingenious construction, is purchased by the foot and cut into lengths to fit the window; it is installed, from the inside, by being slipped onto the edges of the window frame. It absolutely stops the infiltration of air and dust. The casement leaf, when closed, presses against the felt without any "chewing" action. As the felt is not submitted to any abrasion and as it is fully protected from exposure to the weather, the strip is very durable.
Due to simplicity of manufacture, the

# New developments in residence equipment 

and construction • By Gayne T. K. Norton

cost of this equipment is very reasonable. A handy man can easily install it. It is self-locking when attached. When in place, the half-inch band of the bronze strip which is visible may be finished to match the color of the window frame, if desired. During the summer, the strips may be removed entirely from the windows.

Garage door control. A New England manufacturer of an overhead type garage door now announces a remote control for operating the doors. This consists of a key switch on the driveway approaching the garage, a push button located within the garage and the necessary accessory apparatus.

The key switch is so positioned as to be easily reached from the car seat, enabling the driver to operate the door by merely reaching out of the car window. The switch is an all-metal housing containing a standard cylinder lock; it is waterproof and cannot be taken apart except with tools made for the specific purpose. When the door is closed by means of the key switch, it is locked and cannot be opened from the outside.
As the garage is entered from the house a button is pressed and the door opens. The car is backed out to the key switch located on a wall or post; with the key the door is closed and locked. Upon returning, the car is stopped at the switch, from which point the door is opened. The key should hang in some convenient place in the car, and special precaution should be taken to prevent its loss or removal.

Plywood flooring. Plywood flooring, strip, parquet or plank, is now an established fact. Furniture and interior trim plants have long recognized the advantages of plywood which, with its alternate cross laminations, reduces to a minimum shrinkage, swelling, twisting and warping.

Aircraft research during the Great War demonstrated that, pound for pound, well designed plywood is stronger than steel. Government specifications have encouraged the use of wood adhesives that are
stronger than the wood itself, and tests have proven that properly constructed plywood tears in the wood rather than separates in the glue joint.

Plywood flooring overcomes unsanitary cracks and squeaks caused by split tongue and grooves; it will lay quicker and at lower cost due to its standard six-inch widths and six-foot lengths.

Until the development of plywood, parquetry flooring came in individual unit blocks and the excessive cost prevented its use except in costly mansions. Plywood flooring permits manufacturing parquetry in the above standard widths and lengths, as easily laid as strip flooring, and makes possible the adoption of parquetry in modest homes. Prefinished parquetry affords an opportunity to see in advance how a new floor will harmonize in its setting and with furniture and draperies.

Prefinished plywood flooring, in almost any style or pattern, can be laid in a day, with little or no inconvenience or disturbance to home comfort. It is equally appealing for the new house, the house to be remodeled or re-floored. This product, recently placed on the market, is accurately tongued and grooved, carefully graded and conveniently bundled.

Ready formed plastering arch, A metal arch just introduced solves the problem of the plastered arched opening in a most satisfactory manner. These arches, in six sizes, are galvanized steel forms which provide a unit plaster base. They are nailed to the rough bucks over the lath. In one operation the plastering base and the corner bead are in place, providing perfect curves for any opening up to 72 inches.

The architect likes this product because it assures truly symmetrical arches. Using it, the builder saves time on each arched opening. The owner benefits by the low cost of the unit and the freedom with which arched openings may be used.

In remodeling work, this item is of special appeal, for by its use an old house, built before (Continued on page 106)

$\mathrm{T}_{\text {he morning room above and }}$ at the extreme right was planned around a collection of Staffordshire dogs which form a gallant decoration along one side wall. A wise poodle dances beside his master in the 18th Century overmantel panel, and more china puppies disport on the mantel shelf. Paneled walls are a delicate gray shade; the curtains of fuchsia colored taffeta harmonize with the fuchsia, gold, gray and white of the Aubusson rug. In the home of Mrs. Pomeroy Francis, Morristown, N. J. Mrs. Kenneth Torrance, decorator


Collectors show their china kennels

Coliectivg china dogs of all breeds has long been a favorite pastime of Rose Cumming, the decorator. Part of her extensive kennels is shown in the small illustration at the lower left. Here, a gay assortment of dogs of many nationalities is imposingly housed in recessed shelves in the living room of her New York apartment. Woodwork and surrounding wall are painted turquoise blue, with touches of gold in the moldings

A day in the life of a well-dressed dog

Andrew actavish, awaking at dawn, makes sure his chamois shoes (SaksFifth Ave.) are still under his hairmattressed, mahogany finish bed (Harry Meyers), and scuttles to his morning tub. Emerging, he dons a rose colored batbrobe lined with white (Saks-Fifth Ave.) and dries himself in the timehonored way, heedless of the effect on his fitted week-end case (B. Altman).


Meanwhile The Boy Friend makes merry with a bottle-green broadcloth coat, force collar, muzzle and greenish blue brush (any breed decoration), all from Abercrombic \& Fitch.
Later, in blue and yellow woven collar and leash (Saks-Fifth Ave.), black rubber, flannel lined raincoat and black waterproofed shoes (B. Altman), Andrew sets forth to acquire appetite and thirst, which he soothes from an enameled tin feeding dish (Altman) and Swedish pottery water pan (Saks-Fifth Ave.) under the speculative eye of Philomel in her red harness and leash (Altman).

## McKINLEY H. S. LIBRARY



He forgets Little Ambrose, overwhelmed by the big braided calfskin collar and leash (Saks-Fifth Ave.), red, yellow, green and blue plaid leash and red muzzle (Abercrombie \& Fitch). And there is Schuyler Spaniel, too, considering his choice of collars (French blue, studded; round red; flat redAbercrombie \& Fitch); plaid lined trench coat (Saks-Fifth Ave.), navy blue worsted overcoat, red trimmed, or green jersey lined with plaid, or green and white striped sweater (Abercrombic \& Fitch). He travels in tan fabric luggage, leather bound. (Saks-Fifth Ave.).


EDWINA

## Grace and charm come

hand in hand with Clematis

By Louise Beebe Wilder

$E_{\text {arliest }}$ to bloom of the hardy species, and a good scrambler for the rock garden, is Clematis alpina, at the left. It is not too rampant and its fragile, nodding blossoms are colored a delicate lilac blue
$\mathrm{T}_{\text {Hotgir }}$ we may not obtain the great number of largeflowered varicties available abroad, certain good ones are to be had, including Nellie Moser, shown below. This is casily grown and very lovely

OF all climbers sung by poets or acclaimed by gardeners none has the invariable and beguiling grace that distinguishes the members of the Clematis tribe. Whatever the type or whatever the position it is called to adorn, it takes its place with a charming ease, a wayward but delicate flexuousness that unfailingly charms the beholder. There is no situation, seemingly, in which it cannot make itself appear unstudied and perfectly at home.

Clematis is a great race belonging to the Buttercup order and widely distributed in the North Temperate Zone. It is a genus of deciduous climbing shrubs, mostly wooded, and herbaceous perennials, with a few evergreen species. The blossoming of the various kinds covers almost the whole growing season, from early spring through autumn, and the way they go to seed, flying their smoky feather-tailed seed vessels, is as attractive as their extravagant and lovely blossoming. Many give truly gorgeous displays of blossoms and many possess a fine fragrance which they give off freely to the air. There are few garden situations where one or the other of them may not be used to advantage. Let them climb a trellis or be trained against a wall; let them scramble over fences with climbing Roses, or over old tree stumps or low shrubs, or surge riotously over rocky precipitous ground, or train them on posts at the back of the herbaceous borders (the large-flowered kinds are the best for this purpose) and the effect they produce will always be highly gratifying.

And yet they are strangely absent from the majority of American gardens. The Japanese Virgin's Bower, Clematis paniculata, is found in most gardens, and occasionally a good piece of the lovely old C. jackmani, with its splendid enveloping bloom, but certainly no general use is (Continued on page 118)


A the right is Clematis spooneri rosea, closely related to C. montana and of similarly strong growing habit. It is one of the late Ernest Wilson's notable plant introductions from China to western gardens
$\mathrm{T}_{\text {he }}$ clenatis pictured immediately below is Miss Bateman, a beautiful example of the large-flowered forms. Next to it lang the little flower bells of C. nutans, a valuable sort that blossoms in autumn



Two or the choicest evergreens for the rock garden are shown above. The upper one is the Swiss Mountain Pine, with shape oddly distorted as by the stress of storms. Below it standsa specimen plant of Juniperus excelsastricta, afine conical form

Among the many miniature Spruces none is more distinctive and appealing than P. excelsa maxwelli, shown at the right. Its low, flattened cushion of bright green grows very slowly and imparts a strong impression of antiquity and permanence

## Dwarf rock garden conifers

$\mathrm{T}_{\text {He rock }}$ garden is the gardener's Paradise, by which he attains relief from man-made flowers in the repose of the simple plants of Nature growing in natural conditions. It provides in miniature, hills, mountains and cliffs, ravines, rivulets and streams, as a setting for the tiny plants that are, for the most part, indigenous to the highlands of the world. The rock garden is thus the outlook to Nature, to satisfy a certain yearning of the garden enthusiast for Nature in the midst of the surroundings of the garden.

The rules of the garden are the rules of art whereas the rules of the rock garden are the rules of Nature herself. The ideal is to yoke Nature in her choicest bits by the introduction of miniature alpine slopes and ravines composed in effortless harmony. Consequently, the selection and placement of suitable rocks and stones and equally of miniature shrubs and trees, particularly evergreen, is of prime importance.

The placement and setting of the rock garden, too, are of great importance. If possible, it should be apart from the regular garden, an extension of a wild garden or beyond a fringe of shrubbery or upon some slope, more or less precipitous. Such conditions are not always, perhaps too infrequently, possible. When they are not, screens and specially made settings are very essential. For developing these, stunted evergreen trees and evergreen shrubs are indispensable.

Rock gardening is comparatively new in America but it is developing rapidly and in a few years' time this country will have some of the best rock gardens in the world. The supply of the most suitable trees and shrubs in America is still very limited indeed, but with the increase in demand and in knowledge of the best forms, the supply will become greater. Only those types at present obtainable in this country will be here referred to, although, as just stated, the existing commercial stock of many of these is extremely small.


By Franklin B. Mead

While the beautiful White Pine and Hemlock may be used as screens and settings for immediate effect, especially if retarded by root pruning and the elimination of the growth of the more vigorous branches and by disbudding, other forms are generally more desirable. Although also of vigorous growth, especially is this true of the Austrian Pine as it is much more rugged and mountain-like, of more irregular habit, and by training can be made more so. It is characterized by heavy dome-shaped plumes of dark green, so dark that it is sometimes called the Black Pine. Its long, whitish winter buds are most effective through the cold weather.
It should always be borne in mind that the illusion of Nature is augmented by plants that are gnarled or look storm-tormented. Those having such character should be selected insofar as possible and that character maintained or enhanced by training. Training is necessary, for the Pine, although associated often with scenes of disorder and desolation, is primarily a tree of order and precision. We must wreak on it the sort of irregularity caused by the wrath of the storm and simulate the warping away from the prevailing wind, often lopping away the healthier limbs as if it were by the tempest or stunting cold, using particular care to avoid too unnatural grotesqueness.

Of less rapid and still more irregular and Jappy growth is Pinus montana or the Swiss Mountain Pine, which may be readily trained into all sorts of gnarled shapes. This is extremely variable in form and much is to be gained by personal selection of types at the nursery. It is usually low in habit, often almost prostrate in fact, and for this reason may be used to set off rocky slopes or secure the effect of growth on storm-driven heights.
Pinus montana is native to the mountains of Central Europe. Naturally those at the greater (Continued on page 114)



At the left is shown a very old plant of Retinospora obtusa nana, one of the finest dwarf evergreens suitable for rock garden use. Its fanshaped groups of foliage, together with its irregular and twisted branches, give to it a strongly Japanese effect

IN the angles of the rocks Juniperus sabina tamariscifolia, shown at the top, is at :ome. Above it is Ret. obtusa nana. The lower picture shows Juniperus squamata meyeri in front; Picea albertiana conica and Ret. obtusa gracilis behind, lefi and right


# A gate lodge 

## that serves

for a home



On the place of K. B. Wick, at Kirtland Hills Village, Ohio, the gate lodge serves for residence while the house is being built. A complete house it is in itself, its brickwork, half timber and steep roofs reminiscent of the dwellings found through the Normandy countrysides

The living room (No. 1 on the plans) has a dining alcove-2-with a kitchen adjacent. Across the entrance is the garage-4. Upstairs are three bedrooms. Following the style of the exterior architecture, French Provincial and English rustic pieces have been used for the furnishings of the lodge, as will be seen in the two views of the living room on this page

The architects of the lodge were Dunn \& Copper; the landscape architects, Alexander \& Strong

Carl F. Waite




## Nine steps in making a silk shade

$\mathrm{T}_{\text {He fabric lampshade, which is har- }}$ monious with any type of room, may be flat or gathered. The one illustrated here, in the process of making, is of crêpe georgette shirred over a stretched silk foundation. Most lightweight silks can be used in a shade of this type-crêpe de Chine, georgette and taffeta are excellent. One may also use an amusing cretonne, organdie, lace or net. For the lining, pongee, taffeta and china silk will give good results.

Begin by covering the metal frame, which forms the body of the lampshade, with a very strong ribbon matching in color the fabric you intend to use. This first step is shown at the top of the opposite page, at the left. Use lengths of ribbon of about a yard or 40 inches at a time; if longer, they are difficult to manage. Each time that you come to the end of a length of ribbon, catch it with a few stitches and begin with a new piece, covering the seam. Next, make a paper pattern of one of the sides of the shade, as well as of the top. Cut out from the pattern the material used for the foundation, in this case taffeta, being careful to have the vertical center of each piece "with the grain" of the silk. Pin the first side to the frame all around (shown opposite in center of
top row), then sew it very tightly. Cut it all round (opposite, top row right) keeping it taut "along the straight thread" in order to ensure accurate fitting. Finish one side entirely before going on to the next. After all the sides are in place, proceed in the same manner with the top (left in the middle row, opposite). Pin on this round piece of cloth, beginning by stretching it against and with the grain of the silk; sew it to the frame, leaving a hole in the center for the fixture which should be buttonhole stitched. Trim it off, and the lining is finished.
Now, place the outer fabric over the lining, in this case crêpe georgette. To allow for shirring, it is necessary to cut a strip having the depth of the shade, plus $1 / 2$ an inch top and bottom and, in length, about $11 / 2$ times the circumference of the bottom of the frame. Divide this strip into four parts; shirr each quarter separately, leaving in every case threads with which to adjust the gathers. Make two rows of shirrings-top and bottom, the exterior one about $1 / 4$ inch from the edge, the inner one about $1 / 8$ inch from the preceding one. Join the two ends of the strip by a seam to form a sort of shirred ruffle. Place on the lampshade and pin first in four sections. See opposite page, center of

THE various steps in making a lampshade of silk and crêpe georgette are shown opposite. In the picture above are the essentials-wire frame and ribbon for the binding, the lining and outside silk, the trimming for top and bottom, and the necessary sewing equipment
middle row. Adjust and equalize the gathers, first at the bottom, then at the top. Sew to the frame at top and bottom, being careful to keep the shirring absolutely vertical. Then put on a narrow ribbon, either flat or shirred, to cover the stitches at top. See left of lower row opposite. Finish off with a flat flounce, ruffles or ruche.
In a lampshade it is necessary to think of the silhouette-the shape and proportion of the frame in relation to the lamp base. Another important point is the matter of color. The exterior of the shade is visible in daylight and should be selected with the general scheme of the room in mind. But the tone of the lining counts for much when the lamp is lighted and this color should naturally harmonize with the outside. With an all white shade, a pink or peach lining is advisable as these colors give a soft pleasing light.


COVERING THE FRAME


TOP ADDED TO LINING


NARROW RIBBON AT TOP


PINNING ON LINING


PINNING OUTSIDE SILK


FINISHING WITH RUFFLES


FINISHING LINING


DISTRIBUTE GATHERS EVENLY


THE SHADE COMPLETED


$D_{\text {estaned }}$ for a small family which prefers simplicity of living, this house has many advantages. The plan above shows three sides of a paved court surrounded by rooms-a study filling most of one side, a large living-dining room occupying one end, and the other side carrying the bed chambers and service rooms. Stucco or wood could be used for the structure, or it could be built of whitewashed brick with a pan tile roof

Ov this page each façade is projected from plan; on the opposite page are presented the living page arious details. In the room and various details. In the living room a screen suspended on rollers can be folded against the wall between meals. Here are also glimpses along the glassedin bedroom corridor, the service entrance, a bird's-eye view of he entire house and a side view of the main entrance. The house was designed by Robert McQuinn

Suggestions for a bungalow
built around a paved court


A Mid luxuriant shade trees and with its fine dooryard garden enclosed by a white picket fence, this rambling Colonial house presents a perfect picture. It is the home of George L. Street. Ir., at Richmond, Va., of which W. Duncan Lee was architect and Charles F. Gillette, landscape architect

To the left is another view of the front of the house and the garden that prefaces it. The nearest corner of the house is occupied by kitchen and pantry. Behind these, facing the rear, is the dining room. In addition to the hall, other first floor rooms in this part of the house are living room and play room

The Colonial in a Virginia setting


Some time after the main body of the house was completed, the library wing, shown in the foreground, above, was added. The garden room, open at the rear in loggia fashion, serves as a connecting unit. The children's entrance is located here and alongside it a stairway leads to their bedrooms just above
$\mathrm{T}_{\text {He }}$ stde walis of Mr . Street's house are covered with wood shingles; copper shingles are used upon the roof. At the back of the residence, a broad porch extends across the outer walls of dining room and living room; stone-paved terraces and walks flank the other sections of the rear façade




Sigurd Fischer
"Raagegaarden"-a Danish country house
$\mathrm{T}_{\text {he }}$ country house of Carl F Glad stands on a rugged cliff on the northern coast of Zealand overlooking the Kattegat at Raageleje. Behind it stretches a Spruce and Pine forest. Its reddish stuccocovered brick walls and thatched roof blend in perfectly with the surrounding landscape
In the living room, the walls and ceiling are whitewashed, against which are set the dark beams and other woodwork and colorful pottery and china. A Spanish brazier serves for ash-tray. Fine Persian rugs are on the floor
The dining room colors are powder blue and old rose. The ceiling sky is spattered with gold stars. Old French tapestry has been used to upholster the chairs. French windows along one side open out onto the terrace

In the guest room, the walls and foot and headboards of the fourposter beds are all covered with a French toile in old rose. The furniture is mainly in ivory and gold


# The Gardener's Calendar for October 


#### Abstract

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


## SUNDAY

MONDAY
TUESDAY
WEDNESDAY

First Week. Clear and still, with summer warmth drowsing in the fields.
Second Week: Brighter and yet brighter grow the slopes of the wooded hills. Third Week: Cold rain and a northeast wind; then killing frost.
Fourth Week: Everywhere are fallen leaves, a subtle fabric of warm yellows and browns, golden buffs and reds.


## Autumn Pays Its Dividends At Old Doc Lemmon's Door

> "Wal, it's Fall ag'in, I guess-last night the frost shet down onder a sky as clear an' sharp an' twinkly as a trout brook in the mountings, an' thes nornin' when the sun come onto the tomater vines they went limp an' black. Now, as I set on the old bench outside the kitchen door an' watch the robins flockin' down in the orchard, it seems like the lull world was just a-takin' it easy, knowin' thet the year's work is purty nigh done.
> "Thet's one o' the best things 'bout Fall-the way it feels kind o' full an' completed-like. The hay's in the barn an' the corn's all cut an shocked up. Barr'ls of apples stand side by each in the pit onder the barn floor. There ain't no more weedin' nor cultiwatin' to be done. Even the, hens hev kind o' quit layin' an' go moochin' 'round onder the apple trees, peckin' at the windfalls like there warn't no hurry nor worry 'bout nothin'
> "An' there ain't, really. Whut's the use o' scrabblin' when ye can set an' watch the sky stay up, all soft an' smoky an' full $a$ ' distance? Is there any sense in pesterin' your mind with anythin' when ye can reach out an' pick a bunch $o^{\prime}$ big, dead ripe Concord grapes without so much as uncockin' one leg off' $n$ t'other? Why would anybuddy want to sweat an' fret as long as there's 'baccy in the old corncob, an' matches handy, an' them gold an' red an' yaller hills over yonder acrosst the River?
> "Mebbe I'm wrong, or mebbe it's 'cause I'm beginnin' to git old
(cighty-one come next Feb'uary, ye know), but it seems to me thet all these here quiet blessin's Fall brings to Elviry an' me are worth a lot more'n new ottermobiles an' fancy clo'es an' raddios thet look like they was built to hold the fambly sileer or somethin'. I've knowed a-plenty folks thet went out to git them sort o' contraptions, an' got 'em, an' then wished they'd bought somethin' diff'rent. The way sech people go hoppin' from one idee to the next looks to me like purty good proof thet they're on the wrong tack. Onless a thing makes ye feel glad ye've got it, whut earthly good is it?
"An' right there is where Fall scores so heavy; it's chuck full o' the sort o' satisfaction thet sticks by ye. Ye can't sell the misty sunshine or the smell of apples layin' in wet grass. Thet sugar-maple yonder with s leaves all yaller an' red an' green ain't got no market value, I s'pose, no more'n my old stone wall with the scarlet woodbine spread acrosst it can be turned into dollars an' cents. But why would I want to sell 'em? Them and their likes don't lose none o' their worth b'cause no smart alecks start speculatin' with 'em in the market. They're one kind of investuent thet no amount o' politics or Wall Street fenanglin' can bust. They're Fall's real dividends, an' the man thet hes 'em-an' knows it-hes got somethin' thet nobuddy can't take away."



## THE CHARM OF PERIOD BACKGROUNDS

EACH new season brings with it a greater interest in "period" settings. Queen Anne chairs and Duncan Phyfe sofas mean so much more than they used to mean-and whether the new dining-room furniture should be Sheraton or Chippendale is a question of vast importance!

To complete whatever decorative scheme you have in mind, from the Earliest English manner to the new Victorian revival, there is a wide choice of Strahan papers. The Strahan Company have spent more than forty-five years in re-discovering and reproducing the fine old
 designs of the early craftsmen and in creating new patterns for the demands of today.

Ask jour Dealer or Decorator to show you Straban papers.

THE COLONNADE-No. 7035 This Toile de Jouy . . . with its serene and charming scene and the lady beld by the tribute of music . . . is particularly well suited to an eightcenth century setting - French, English or Colonial.


## STRAHAN Wallpapers

THOMAS STRAHAN COMPANY

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THIS octagonal dressing room is decorated in Empire style in tones of black, white and silver, with touches of garnet red. The walls are covered in aluminum paper over which is draped white moire trimmed with red silk fringe. Pierre Dutel, decorator


## Decoration in Grand Rapids

Completely and harmoniously organized and officered, the American Institute of Interior Decorators emerged from the International Conference of exponents of this art in Grand Rapids the week of July 8th to 15 th .

The Institute is the first association of its type formed to function on a nationwide scale. It firmly establishes interior decorating as a profession on the high plane attaching to other organized professions.
When the Grand Rapids convention was asked to meet, it was hoped that out of it would grow such an organization as that now happily existent. Discussions and interchange of views had not proceeded far before the Institute became a certainty. The whole atmosphere was one of harmony, good taste and lofty aspiration. Grand Rapids residents extended the utmost hospitality to the interior decorators
and cooperated to the fullest extent in order to make the convention both agreeable and successful. Architects, to whom interior decorators are so closely allied, generously aided with counsel and advice.
To climax all was an exhibition of twenty-seven rooms, perfect in their appointments, arranged by leading interior decorators of the United States, the city's furniture industry providing material for the room exhibits. To this exhibition the visiting decorators went again and again, to gain new inspiration and to acquire a firmer realization of the dignity of their creative endeavors.
The rooms featured on these pages were among the outstanding exhibits at Grand Rapids. The dressing room shown at the top of page, octagonal in shape, is both gay and distinctive in treatment. The walls were covered (Continued on page 98)


Two sides of this French provincial room are paneled; end walls are blue plaster. Curtains of rose, white and blue percale and a sofa in green and white chintz are fine color accents in combination with the Alpujarra rug. J. C. Demarest Company, Inc., decorators

# That Women Might Be More Charming 

we gave this man

## the WORLD'S WORST JOB



Henry W. Banks, III, is a consulting chemist in New York City.

We went to him and said: "Mr. Banks, we want you to investigate odors. We want you to test Listerine and other mouth washes to determine their effect against odors. We would particularly like to have you specialize on unpleasant odors-such as might arise in the human mouth, so that people afflicted with halitosis may know the best means of correcting it."

Certainly no man was ever assigned to a more unpleasant task. It was as he said, "the world's worst job." But he attacked it with the eagerness displayed by all scientists undertaking research in a new field.

Against nine odors, chosen for their resistance, he tested again and again the deodorant power of six mouth washes, among them Listerine.

## Listerine immediately overcomes odors other

## mouth washes fail to mask in $\mathbf{4}$ days

The substance of Mr. Bank's conclusions is found in the headline directly above. In every test, Listerine's superiority as a deodorant over ordinary mouth washes was clearly apparent. Thus Science corroborates a fact long known to the medical and dental professions.

Some of the harsher types of mouth washes showed little ability to overcome odors. Other milder types, showing traces of deodorant power, were lacking in germicidal effect, so important in mouth hygiene.
When you wish to be sure that your breath is beyond reproach, the one mouth wash to use is Listerine. It not only strikes at the cause of odors (fer-
mentation and infections), by its germicidal action, but as shown above, quickly overcomes the odors themselves. Moreover, its taste is pleasant.

Use full strength Listerine every morning, every night, and between times before meeting others. Recall that no one is exempt from halitosis, for the reason that every day even in normal mouths fermentation may produce a temporary halitoxic condition. You won't know when such a condition exists, but your friends will. That's the insidious thing about halitosis. It never announces itself to the victim. Lambert Pharmacal Company, St. Louis, Missouri, U. S. A.

The safe antiseptic-the swift deodorant


CELADON
Out of the dim and distant past come those famous old Chinese Celadonspotteries that represent some of the finest examples of that ancient art. The skill and science of modern times can= not approximate the smooth, translucent texture and soft, pale sea=green color= ing found in these choice old pieces of the Mins and Sung dynasties. From these Celadon vases Yamanaka and Company have fashioned handsome lamps with silk shades to harmonize.

Among other features of the renown= ed Yamanaka Oriental art collection are jades, ivories, screens, paintings, por= celains, bronzes and lacquer ware-a veritable museum of superb treasures garnered from palaces and temples of the Far East. Illustrated booklet on request.


## YAMANAKA \& CO.

680 FIFTH AVENUE ... NEW YORK CHICAGO , BOSTON , WASHINGTON LONDON , NEWPORT

$A_{\text {N interesting scheme of white and egg- }}$ shell was carried out in the morning room above. Curtains are eggshell taffeta and the floor is cream colored linoleum. Beverly \& Valentine, decorators

## Decoration in Grand Rapids

(continued from page 96)

in a new aluminum paper, and to simulate the Empire period, were hung in white moire trimmed with garnet red silk fringe; chairs were upholstered in white satin. The Empire mantelpiece of grayish-black marble is an old one, and one of the most interesting features of this room was the lighting consisting of alabaster urns fitted with indirect lights and placed in the niches painted white.

In the French provincial living room shown at the bottom of page 96, one half of which was paneled and the two end walls finished with a wainscot, was a cornice and mantel in French waxed oak of the Louis XV period. The plastered walls above the wainscot were painted pale blue. Curtains of rose, white and blue striped glazed per-cale-a copy of material used for banners in the Victory Hall at the time of the French Revolution in Pariswere used at the windows, with under curtains of white net trimmed with dark blue and white wool ball fringe.

The furniture shown is an assembly of pieces contemporary of the period of the room.
The decorative scheme of the morning room above was achieved by the use of white and eggshell color in the furnishings. Here the wall panels were of antique white painted paper on which old flower prints cut out of books on horticulture were arranged as bouquets.
Bright color accents were brought into the scheme of the bedroom illustrated below, where the walls were painted white. A cherry satin valance was hung over the curtains of white embroidered muslin and the bed was draped in muslin with cords and tassels of bright blue; old blue and white chintz covered the bed. The chaise longue and bench were upholstered in cherry satin and the wing chair had a covering of beige pink material. An antique needlework rug with a royal blue ground and a flower design in red, white and pink covered the floor

$\mathrm{B}_{\text {right }}$ color accents were brought into the decorative scheme of this white-walled bedroom. A cherry satin valance is hung over white muslin curtains. The antique needlework rug with blue ground and brilliant flower design. Thedlow, decorators


Private Silversmith Service
Through many of America's leading jewelers, you may now engage the personal services of a private silversmith at Watson Park. Fine, unduplicated Sterling silver services or single pieces fashioned for you by individual craftsmen of exceptional experience and ability! Such silver becomes priceless with family traditions that always begin with you. Ask your jeweler for details of this service-or mention his name when you write.

Complete services of Watson-mark Sterling are always available in these famous
standard patterns
 ERE is a famous designer's latest personal creation-superb tableware of heavy Sterling silver. For Watson craftsmen he has designed an extraordinary variety of matching sets and single pieces ranging from standard luncheon, tea and dinner settings to delightful footed bowls and candlesticks and special-service pieces.

By the uncompromising richness of its worth in weight and all the "extra values" of fine craftsmanship, this ware of solid Sterling stands out as one of the finest achievements of modern American silversmiths. Lovely Lotus-it is a pattern to remember-and to recommend!

You'll enjoy the timeless simplicity of the Lotus design, the fashionable, hand-wrought originality of each piece-and above all, its serene power to arouse the admiration of all who see it on your table. The Lotus pattern is found only in Watson-mark Sterling made by Watson craftsmen for selected jewelers in each city. Your own jeweler can secure for you a complete illustrated folder showing Lotus pieces and prices or you may address your request direct to us. The Watson Company, fine ware in Sterling silver only$6 W_{\text {atson Park, Attleboro, Mass., U. S. A. }}$

## What to know about tapestries

(CONTINUED FROM PAGE 69)
man personified as a stag in a forest; subject taken from early French verse. Historical, romantic, mythological sub-jects-especially from the Chanson de Geste. Country life-the hunt, shepherds, rose garden, etc. Marriage tap-estries-armorial with coat-of-arms. Inscriptions-names written across the robes, two or three lines at top and sometimes at bottom of piece.

Borders-Early Gothic, plain monotone tape or selvage outline-galloon, or narrow line with flowers and berries; later Gothic, design of larger flowers and berry clusters, with fruit in a garland bordered on either side Iy about two inches of plain maroon or blue weaving; late Gothic, narrow verdure border, typical of Brussels. Background-architectural or foliage for early scenes which are crowded with figures; later, fields and sky.
Gothic-Renaissance: Transitional period, design in late Gothic and early Renaissance styles. Smaller sized tapestries; frequently sing!e pieces; marrow verdure border, especially at Brussels. Architecture usually Renaissance; frequent Gothic background. Costumes, Renaissance; attitudes more natural; details perfected. Frequent silk, silver, and gold enrichment. Faces occasionally touched up with pastels.
Renaissance: Classic subjects predominate, fewer romantic and religious. Subjects from famous artists, Raphael and his school dominant. Point of view moved to middle distance as in painting of the period. Figures grouped as in painting; early quite simple, later highly elaborated designs of Greek gods, Feroes, etc., used to glorify kings an I warriors; hunting scenes. Verdures-type of foliage enlarged and shaded, more realistic details, cabbage leaf-"feuille de chou," panels.

Borders-Early Renaissance, simple row of sprays; later, elaborated and coordinated into typical richly decorative Renaissance border; much wider, larger flowers and fruit spreading over the tape, or galloon. Raphael's borders typical-divided into compartments, each with a scene; sides architectural, massed flowers, fruit, vines and trellises. Raphael's followers designed borders with masses of foliage, fruit and flowers, with occasional figures. Flemish borders, finely compartmented, clusters of beautifully drawn fruit amid strap scrolling interrupted by a figure on each side. Brussels, garlands of fruit and flowers in varied succession. Late Renaissance, voluptuous border compositions.
17th Century: Early, less sensual than later. Designs over-weighted, figures exaggerated, draperies always floating in a brecze, architecture and landscape over-emphasized. Rubens', Teniers', and Lebrun's influences dominant. Designs conceived in sculptural, or Baroque style, bold and outstanding.

Borders-Early, flowered bordering in Renaissance style, trailing fruit clusters interrupted by dogs, bird-cages, bird's-nests, etc., generally three feet wide. Typical border, designed like a heavy carved picture-frame in high relief with deep shadows; cartouches and medallions with symbols, arms, ctc. Grandiose borders with over-plump
amerini, heavy swags of pumpkins, melons, and big fruit, overflowing cornucopias. Rubens' borders designed in large scale with big urns, swags, amorini, ctc.., strong architectural molding, a cartouche at crown (top) with title of picture ; a cartouche at foot (bot(om) with miniature landscape. Brussels' borders-typically with side pilasters, rams' heads supporting winged cupids with offerings of fruit, oblong cartouche with tiny landscape, festoons, and pendent bunches of fruit, grapes, and flowers. Italian borders-overstrong masses of blue, yellow, and red; sensuousness, even grossness. Louis XV verdure panels with plain selvages, many without borders. Lebrun's designs, classic Greek and Roman type, delicate foliated scrolls and grotesques. Aubusson-vase and flower borders. Gobelin-garden flowers and oak leaves garlanded and twined, a scrolled cartouche at crown.
18th Century: Subjects from ancient and contemporary history rendered in an attempt to rival the work of the painter. Frequent tiny picture surrounded by a very large damassé (damask) garlanded mat, the alentour, with double gilt frame effect. Berders-overweighted, tendency to become monstrous. Brussels-strapwork with trophics, vases and floral festoons. Aubusson-narrow, delicate, continuous chain of natural flowers, roses, tulips, etc. Louis XV-woven in yellow silk to imitate a gilded carvel frame.
19th Century: Copies of Renaissance paintings popular. Louis Philippe -narrow borders, with shells and latticed bands, simulating carved and gilded framing like that on a picture.
2oth Century: Old cartoons reproduced; modern subjects.
Tapestry sets: A series of designs illustrating a single subject.
Attributions: In the absence of makers' marks or when these marks are as yet unidentified, tapestries are attributed to certain dates from character of costume, especially headdress, as is done in Persian art; confirmation gained by the small number of existing dated pieces. Very few tapestries are as yet assigned definitely to certain workshops. Character of border precludes the piece being of any earlier date, even when the subject it frames is an earlier design.
Colors: Marked increase in number of colors in European tapestry since Gothic period. 14th Century-12 to 15 colors. 15 th Century-usually about 20 , perhaps 40 in a very large piece. Louis XIV-maybe 79 colors. Modern Gobelin factory has 14,400 different tones of color; brilliant blues and reds highlighted with gold, notable. Colors shaded by running one into the other, like teeth of a comb, when few colors are used. Figures outlined in black before 17th Century, 17th-18th Cen-tury-tones of color varied in different pieces of same set; one border or one side border may be lighter. The old blues in foliage of antiques were originally greens, the yellow having gone as from old chintz; yellow still remaining in some high lights.
Marks: Town, shop, and weavers' marks used since 16 th Century; woven (Continued on page 102)

## Dedicated to a Great $S_{\text {portsman *** }}$

## Gorhamis nen

## The sterling leading

 yachtsmen are usingTo celebrate its hundredth anniversary, the house of Gorham has paid homage to Sir Thomas Lipton with its proud new pattern-Shamrock V.
Its clear grace and speed, the sweet harmony of its balance, give this pattern a swift distinction.

Its acceptance was instant. The owners of luxurious American yachts that sail the happy waters of the world are using Shamrock V. Aboard Mr. William B. Leeds' swiftly flashing "Flying Fox," so often seen off Southampton, on Mr. H. Edward Manville's "Hi-Esmaro," familiar to the gay harbors of the Riviera, Mr. Julian F. Detmer's "Florence," and Mr. A. M. Andrews' "Sialia," the Shamrock V pattern will serve distinguished guests.
Shamrock V takes its place triumphantly in the long line of aristocratic Gorham patterns. You will find them all at your jeweler's. Be sure to look, too, at the beautiful Shamrock V hollow ware as well as this distinguished new flat ware.


Sir Thomas Lipton's yacht Shamrock V, contender for the America's Cup

The luxury of this new pattern, so fleet of line, so precise in its exquisite balance and proportion, is as appropriate to the charming dining room of the modern bride as it is to the magnificent interiors of celebrated yachts. The dinner knife, fork and tablespoon, shown here two-thirds actual size, indicate the suavity and delicate grace of Shamrock $V$ Sterling.


Its road leads seawards-Mr. William B. Leeds' spirited yacht, "Flying Fox." She has seen the harbors of the cool and gleaming north-the colorful ports of southern isles. Her master, noted for his daring sportsmanship and for his flair in entertaining, chose Gorham's brilliant Shamrock V Sterling for hospitality aboard his yacht.

Gorham

* Never has Gorham Sterling been offered at the low price of Shamrock V. For example, 6 teaspoons for $\$ 6.00$. Only the recent drop in silver bullion makes this possible, and such prices may never recur.



## Interior Decorators approve

 Hart \& Hutchinson EnclosuresThe artistry of Hart \& Hutchinson Radiator Enclosures has met with the approval of noted Interior Decorators.
Whatever the period of your home, there is a Hart \& Hutchinson Enclosure of the proper design and finish to add the touch of completeness and to conceal those unsightly, exposed radiators. These Enclosures may be had in your choice of twelve actual wood grain finishes, fifteen solid colors; or any special colors can be matched.
Hart \& Hutchinson Radiator Enclosures also have a very practical value, as they protect your draperies and walls from sooty radiator dirt. This protection alone saves many times the moderate cost of an average installation.


Then too Hart \& Hutchinson Enclosures give forth a refreshingly moist heat that is in exhilarating contrast to the irritating dry heat of exposed radiators. And this moisturized heat is directed at the "living level" where you need it. The enclosure grilles are scientifically designed to permit heat to pass freely from the radiators, carrying moisture
from the concealed humidifiers into the room. The insulated tops can be used for flowers, books or other objects.
If you desire to add this finishing touch of decorative completeness to your rooms, we invite you to send for our illustrated folder, showing the latest designs and installations.

## Hart \& Hutchinson Radiator Enclosures

are made in types and designs to suit all homes-Custom-Made, Regular and Adjustable in a wide range of prices.

Radiator Shields illustrated above are used in bedrooms, bathrooms and kitchens. Convenient and economical.

The Hart \& Cooley Mfg. Co., New Britain, Conn. THE HART \& HUTCHINSON CO. Successor

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Learn how inexpensizely these modernizing Enclosures can be installed.

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Without obligation send me your Folder illustrating and describing H \& H Radiator Enclosures.

NAME
ADDRESS
CITY

## What to know about tapestries

(continued from page 100)

in galloon; consisting of devices, ciphers, initials, monograms, etc. 1528, marks compulsory at Brussels, except on small tapestries. Many marks not yet identified. Brussels: B's flanking a shield on galloon, usually in lighter shade on plain blue or brown; the weaver's, merchant's or client's mark added. Bruges: B's flanking a shield, and B traversed by a crown. Enghien: arms of the town. Oudenarde: striped shield with horn-like scrolls. Paris: 17th Century-fleur-de-lis, initial P, and weaver's initials. Enghien weavers generally used monograms. Flemish weavers used ciphers in 16th Century; initials, separate or interlaced, in 17th Century. Initials and names in Roman letters after 1635.

Texture: European woolen tapestries in pronounced rep weave with hatchings, slits and stepped slits, and holes formed in weaving which add character, variety, and contrast to texture. Hatchings-spires and vertical lines of one color running into another. Colors are separated from each other along the line of the warp, forming slits which are sewed after weaving, except where lock-weave is used, as in the Gothic wool tapestries, where ribs are less pronounced. Silk is used with wool for flesh in French tapestries; red silk accents lips and .complexion; delicate colors are heightened by the added luster of the silk; dull and dark colorings are given neutrality and depth by wool. Gold for high light and glitter used lavishly in 14th Century; less gold and silver employed but with more brilliant effect in 15th and 16th Centuries, usually for jewels, armor, patterned costumes, lettering, columns, arches, etc. Sheen of gold in Renaissance tapestries occasionally obscures the pattern. Effective use of gold in Louis XIV pieces.
Uses: Curtains for door or window, wall hangings, wall panels, bed hangings; ecclesiastical-wall, chancel, and altar hangings; covers for bed, table, chest or bench, etc. Cushions, upholstery, mats or rugs-foot-cloths, screens. Ceremonial or festival hangings for house front, balcony, pillars, etc. Banners. Clothing-ancient, Coptic, Peruvian, etc. Bauvais and Gobelin sets popular in France, 18th Century; floral designs for upholstery, Boucher's medallion designs for wall tapestrics.

Collections: Notably in Cathedrals, Churches, Royal and private residences, museums; public and private galleries, houses, dealers' collections. Gothic and Renaissance: Spanish Royal Collection and American private collections, notable. Gobelins: French National Collection, greatest.
Weazers, cartoonists and painters: There are many notable names in the history of tapestry weaving. In the 14th Century, Nicholas Bataille was weaving in Paris from cartoons by Hennequin (Jean) de Bruges.
15th Century-many Flemish weavers; among them Pierrot Féré and his son; some at work in Italy, especially Giacomo de Angelo at Ferrara; Giovanni dei Conradi and Andrea Mantegna were noted cartoonists, and Bramantino and other artists produced the designs. John Dolace was weaving at Edinburgh.

16th Century-prolific weaving;

Raphael and his pupil, Giulio Romano, made many cartoons for the Ferrara looms, and these were often reproduced. Romano's Scipio set in 22 pieces, illustrating the life of the great Roman general, was often copied with various borders. The FlemingsNicholas and John Karcher, and John's son Louis, were weaving at Ferrara, with John Roost, also from Flanders. Roost signed himself facetiously with the mark of a roast on a turnspit, punning his own name Later, Roost was at work in Florence from cartoons by Bachiacca. The Fleming, Jan van Straaten, or Stradano, as the Italians spelled it, was leading artist at Florence. Pieter Van Aelst and Pieter Pannemaker were the leading master weavers of Brussels, Wilhelm de Pannemaker having nine or ten different symbols which he used as his mark. Richard and Francis Hyckes were weaving in England, as well as the Dutchmen Erasmus Brownys and Anthony Rayskaert.
17th Century-list of weavers enormously increascd, and works by innumerable artists were cartooned for weaving. The Leclerc family were great Brussels weavers in the 17th and 18th Centuries and excelled in producing Teniers' subjects, of peasants with a landscape background. Giovanni Francesco Romanelli was head-master at Rome with artists from the school of Pietro di Cortona; Riviera, the noted weaver. The master weaver, Pierre Lefèvre and his son, Philip, were in Florence; were recalled to work in Paris by Mazarin, but returned to Florence. Philip Lefèvre was the first famous Gobelin weaver. Marc de Comans, the Fleming, and Francois de la Planche from Oudenarde were noted Gobelin weavers, as were Cozctte, Le Blanc, Audran, and the master weaver James Neilson. Lebrun, the Director of Gobelins, made many of its most notable designs, Toussaint Dubreuil, Simon Vouet, and other artists adding to its fame.
18th Century-J. B. Oudry was chief inspector of Gobelins, and was succeeded by Boucher. Boucher was the most brilliant artist with the popular Watteau, Vanloo, Audran, and Coypel, composing a brilliant group. Paintings by Raphael, Titian, and other Renaissance artists were cartooned and woven. At Lille, Guillaume Werniers was succeeded in weaving by his widow, who humbly or perhaps graciously signed herself La Veuve de G. Werniers. Francis and Thomas Poyntz were weaving in England, as were John Vanderbank, Paul Saunders, and the Frenchman, Parisot. Philip de Mascht, Flemish, was weaving at Mortlake, where Louis Dermoulen and Peter de Craight wove the faces and flesh parts; Paul Van den Steen and Charles Gotens were the master weavers, and in 1649 John Hollenberche was chief tapissier.
19th Century-Winterhalter, the Court painter of the Second Empire, was copied in many Gobelin tapestries, and the decorative panels of the artist Paul Baudry were popular. Great painters and designers have added to the importance of tapestry weaving: Goya in Spain, Perugino, Andrea del Sarto, Dürer, Rubens, etc.; even Leonardo da Vinci has added his quota.

HERE'S STERLING SILVER THAT NEED NEVER BE RUBBED OR POLISHED


I
Thagine owning sterling silver that you need never rub or polish! Imagine finding every piece of your flatware fresh - untarnished day after day, year in and year out! Candlesticks that keep their lovely lustre, without laborious cleaning. Tea and coffee sets, dressing-table silver-always gleaming-free from tarnish.

You've wished for such a miracle, and now - here it is! By a wonderful new process called "Palladiant," International Sterling has banished silver tarnish. The beautiful sterling silver shown here needs no more cleaning than
you'd give glass or china. With ordinary care, it will stay like new-through the years!
Ask your jeweler to show you the new Palladiant-processed sterling silver in the Orchid, Minuet, and Fontaine patterns.

And remember, there never was a better time for buying sterling silver than right now! Prices of International Sterling have been reduced as much as $331_{3}$ to $50 \%$. The Palladiantprocessed sterling silver is not expensive . . . you'll pay no more for it than you formerly paid for sterling silver in the regular finish! Just look, for instance, at these low prices...

New low prices of Minuet Prices of Minuet finished in the regular finish by the Palladiant process 6 teaspoons \$ 7.50 $\$ 10.00$ 6 salad forks . 12.00 . . . . . . . 14.50
6 dessert knives 18.00
23.00

6 dessert forks . 17.00
20.75

6 butter spreaders 11.00 . . . . . . . 13.50
For further information and complete price lists on the International Sterling patterns shown here, write for the new Palladiant boolilet. It is free. Address a card to the Fine Arts Division, International Silver Company, Wallingford, Conn.


# This dependable, self-starting electric alarm clock lights its own face and never needs winding! 

TeLALARM is NEW . . . and easily one of the most efficient devices ever invented for drumming drowsy mortals out of bed!
Put Telalarm in your bedroom. You'll never have to crawl out of the covers to make sure it's wound. Telalarm never needs winding!

You'll never lie awake on a restless night with a loud, tinny tick beating into your brain. Telalarm is as silent as moonlight!
You'll never need to stare through the darkness and guess at the time. Telalarm's dial is lighted by a tiny Mazda lamp that burns bright or dim as you wish it!


No. R-802-Mahogany case. Westminster chimes. $\$ 39$ Same pattern with hour and half-hour strike. $\$ 30$

You'll never oversleep because you forgot to wind Telalarm. Once set for your rising hour, it awakens you pleasantly on time. It can be shut off with a flick of the finger.

You'll never complain again about an alarm clock disrupting the decorative effect of your room. Telalarm's handsome "Dura-silver-alloy" case is fresh and modern in design. It won't stain or tarnish! It mirrors its surroundings and becomes a part of any color scheme!

Telalarm is self-starting, too. Most other electric clocks stop at the briefest current interruption and must be started again by hand. Telalarm runs blithely on its way and wakes you next morning!
There are many other Telechron models, designed to direct your waking hours. For wall or mantel, desk or stair. For every room in the house. Some with mellow chimes and hour strikes. All built with beauty and precision.

## Jelechron

Registered U. S. Patent Office

Displayed by a Telechron dealer near you, listed in the classified telephone directory. Telechron prices range reasonably from $\$ 9.75$ to $\$ 55$. The Revere Clock Company, of Cincinnati, Ohio, manufactures strike and chime clocks with Telechron motors, priced from $\$ 22.75$ to $\$ 650$.

Telechron is the trade-mark, registered in the United States Patent Office, of the Warren Telechron Company.

WARREN TELECHRON COMPANY ASHLAND, MASSACHUSETTS
the revere clock company CINCINNATI, OHIO


Hostess - For the kitchen. Moulded case. Choice of white, green, ivory, orange, blue, yellow and black. $\$ 9.75$

Illustrated below is the Cadillac V-16 all-weather Phaeton, created by Fleetwood especially for the V-16 chassis. Prices of the V-16 range from $\$ 5350$, f. o. b. Detroit.


To sit at the wheel of the Cadillac V -16 is really an exceptional experience-for there is no precedent at all for what this car does, nor for the manner in which it does it. The V - 16 was planned, of course, as an entirely new embodiment of motoring luxury; and not a single tradition or limitation was permitted to influence its design. As a result, it is a
highly individualized creation - a car so irresistibly inviting in appearance, so superbly behaved in action that it must inevitably revolutionize your highest opinion of motoring. Lest we seem overly enthusiastic in the telling, may we suggest that your Cadillac-La Salle dealer will gladly arrange to demonstrate the truth of these statements?

1


## YOU CAN DO SO MANY INTERESTING THINGS WITH this seemingly seamless carper

You may have a weakness for early-American, French provincial, Empire, Georgian . . . or a preference for the Modern. It is pleasant that decorative tastes differ so widely. Imagine the monotony if every one suddenly adopted the same fashion!

But in most decorating today, one trend is beginning to stand out. So many floors are covered with all-over carpet! Certain virtues in carpet, easily recognized, help to explain why. There is the softness of it, the quiet, the springy "turf" feeling underfoot. It makes a room seem more livable, more restful, somehow more downright comfortable.

The new Collins \& Aikman Carpet has all these virtues; they are common to all good carpet. But there are other things about Collins \& Aikman Carpet that are unique. It is made in 54-inch widths, with a resilient back. The widths are joined by a special method which gives a seemingly seamless appearance in rooms of any size or shape. (Please remember that this is true of no other carpet.) And it sells at the price of the old-fashioned narrow-width carpet which gave you unsightly stitched seams!

This new type of construction makes Collins \& Aikman Carpet the most versatile, the most adaptable of all carpets. Decorators are doing many correct and interesting things with it.

The photograph below illustrates one of the simpler and newly accepted uses. Soft, quiet, all-over carpet in a Colonial room; its surface unmarred by stitched seams; its unobtrusive color in keeping with the simplicity of the Colonial spirit. Some people like to throw small hooked rugs or rag rugs on top of the carpet for bright spots.

Then, of the many other individualistic ways to use Collins \& Aikman Carpet, there are special borders, outside or inlaid, to harmonize with drapes or wall-tints . . . circles and angles of color to set off modern interiors . . . special designs to suit your rooms, and your decorator's original ideas. Literally, customtailored carpets, at a cost entirely within reason. Our illustrated booklet will give you a better idea of the variety of things you can do with this new decorative medium. Write to Collins \& Aikman Corporation, 25 Madison Avenue, New York City.


This actual color-photograph shows an early. American room designed by R. H. Macy \& Co., New York. Note the seemingly seamless appearance of the Collins \& Aikman Carpet. It costs no more than the old-fashioned type of strip carpet which had to be stitched together.
you know percale sheets

## FOR THEIR LUXURY • NOW

 dISCOVER THEIR ECONOMY

What a smart touch these lustrous Utica Percale sheets give to your beds. So fine and soft. So silvery white. Yet so sturdy and durable. They have the feel of silk and the strength of linen.

Perhaps you think of percale sheets only as a luxury. If so, the new Utica Percale sheets bring you a delightful surprise. For here are percale sheets that are an actual aid to thrift.

Utica Percale sheets-with all the lustrous beauty and silky smoothness found only in genuine percale-are amazingly light in weight. And that is the secret of their economy. They weigh a pound and a quarter less per pair than ordinary muslin sheets. On the basis of average pound rates, Utica Percale sheets cut your laundry bill $\$ 5.85$ a year on each bed.

Of course, if your laundry is done at home, you may not realize this saving in dollars and cents, but you will appreciate the difference in easier washing and ironing.

Ask for Utica Percale sheets at your fa-
vorite department store. At the new low prices you can now buy these most luxurious of all sheets for approximately one-third less than you would have paid a few years ago. If your regular store has not yet stocked Utica Percale, write us direct.
Utica Steam \& Mohawk Valley Cotton Mills, Utica, N. Y. Also makers of the
famous Utica Heavy Duty Muslin Sheets, so widely used in hotels, hospitals and homes.

Send for free sample - doll sheet size. To enable you to judge the lovely quality of Utica Percale, clip the coupon and we shall send you a $12 \times 18$ inch sample, daintily hemmed and suitable as a sheet for a doll's bed.


The feel of silk - the strength of linen

UTICA STEAM \& MOHAWK VALLEY COTTON MILLS 432 Court Street, Utica, N. Y.

Please send free sample of Utica Percale, size $12 \times 18$ inches, suitable for use on a doll's bed.



A pattern of distinct charm, on Wedgwood China. The border is Florentine on a background of jade green (or dark blue, or yellow, if you prefer. Carried in
complete open stock. Dinner Plates $\$ 45$ doz. Tea Cups and Saucers $\$ 40$ doz.

IMPORTERS OF
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7 \& 9 East 35th Street, New York
NEW HAVEN, CONN.
954 Chapel Street
Near 5th Avenue
HARTFORD, CONV.

## Among the building gadgets

(conttnted from tage 76)

arched openings became popular, may be given one or more curve-topped doorways with little fuss or litter.

These metal forms, which eliminate the construction of curved forms and the forming of corner bead around corners-two difficult and slow opera-tions-are casily and quickly placed over any type of lath.
Not only is the true circle arch provided by these forms, but Gothic and clliptic designs can also be had. so making available the type of plastered arch best suited to the interior architecture. Perforated flanges afford excellent keying qualities for plaster, a protection against cracking.

Triple service boller. Of water tube type, a boiler designed and constructed for oil burning not only heats thee home, but also provides domestic hot water service winter and summer and functions as an incinerator. An oil burner can te used in the boiler.
A special stecl capable of withstanding the intense, intermittent heat of oil burner operation is used. Long fire travel is provided by horizontal baffles. The domestic water heater is completely enclosed within the dome of the boiler-this is possible only with the water tube boiler wherein high velocity of water reduces the volume of copper heating area required. No hot water storage tank is needed.

Incineration is provided for in the back section of the boiler. Garbage is dehydrated; then the flame of the burner ignites the dried material, we are assured, which in burning contributes a measure of heat. Unpleasant odors are avoided. Only a fine, easily removed ash remains.
Emergency coal grates are set in the incinerator chamber on which to burn coal or wood during an electric power shut-down that will prevent oil burner operation.

New asbestos shingle. A new line of asbestos cement shingles is being introduced by a well known manufacturer. These shingles, says the maker, have been built to meet the increasingly exacting demand for beauty in roofs as to color and massiveness, and to afford long life, fire resistance and strength at moderate cost.
Colonial gray, tile red, jade green and quarry blue are the colors offered; the colors are permanent and enhanced by the deep shadow lines from the extra thick butts. Because of the manner in which the shingles are punched for nails, the roof may be laid in the usual style or the butts may be staggered to produce a distinctive effect.

Faucets for low back sinks. To make it safe and easy to wash large dishes and fill tall vases under a kitchen sink faucet and at the same time enjoy the advantages of a modern eight-inch back sink, there have been developed three new type faucets each with a five-inch elevated swing spout which curves upward.

These faucets, designed especially for use on low back sinks, provide a total clearance of 12 inches. They are made of red brass and finished with a heavy coating of chromium. Renewable seats and eccentric union
shanks are available. A self-draining removable soap dish of vitreous china is regular equipment with two of the new faucets, while one of these has a third water supply.

Floor accessories. A mid-west firm that has concentrated on bindings and nosings for floor and stair coverings is introducing several innovations. One of these is a stair angle for carpet installation without the use of tacks, teeth, rods or rings. It may be used on wood, marble or concrete stairs, whether straight run or winding. This angle is scwed to the back of the carpet and screwed to tread and riser. Its use gives a smooth, tailored appearance and decreases wear caused by shifting of the carpet under traffic.
Other accessories include interlocking threshold and sill plates for exterior door, French door and casement openings; a cove mop molding for use with lino'eum and composition flooring that makes corners easily cleaned: floor plates, binder bars and parting strips for use where different floor coverings join or where coverings end as at doorways; stair nosings, one having a non-slip tread, and binding strips that protect the edges on an applied covering, keeping it from chipping or scuffing.

These accessories are made in brass and white metal, and one has considerable choice in the designs and weights offered. They are sold by the foot and can be casily worked to exact size on the job.

Colored mixing values. Thermostatic water mixing valves in colors to match modern bathroom decoration may be had in yellow, pale blue, ivory, orchid, dark blue and green, in shades to match colored fixtures, as well as in white, gold plate and chromium. Combinations such as white with gold plated trimming are very attractive.

These valves, with easily operated temperature indicator and handle, are both anti-scalding and anti-chilling, and they are furnished for either concealed or exposed piping. If cold or hat water supply should suddenly fail, or if steam accumulates in the hot water line, the thermostat in the valve will instantly close the port.
Temperature scale reads "cold, tepid, warm, hot," and may be had in French, Spanish or other languages as well as in English. Circular and octagonal designs are offered. These valves are adapted for use with single l.ead showers, combination tub and shower, lavatories, bidets, baby baths and nursery installations. In connection with the last two mentioned, thermometers may be set into the lines to check temperatures and special escutcheons, used to set and lock temperatures at which infants or young children are to be bathed.

Double jointed chain. Along with almost every other building material sash chain has been brought up to date. This humble product is now to be had in a form that prevents kinking or snarling; it is ornamental, strong and flexible as a piece of twine, it will bend at all angles and is pliable in any position. It is made in five sizes and six finishes.

Charming．．．．nevere the coss so doo $\ldots$ ．
was STERLING


In American Directoire flat silver，the classic proportions， the suave curve of the bandle， fine reeding，the acanthus leaf motif，all express the spirit of the Directoire period
＂Treasure

## Sulid Silber

American Directorre bollow－ ware is likewise fashioned on classic lines，inspired by the bollow－ware of the period， beautifully embellished with the typical acanthus leaf motif

ALTHOUGH for centuries fine solid silver in the home has been a recognized emblem of taste and graceful living and the prized possession of every woman，never was there a keener interest in lovely Sterling than there is today．This new importance of Sterling Tableware cannot be attributed to its present unusually modest cast alone，but more especially is it due to the modern woman＇s increased interest in the design of her silver．

TODAY，the hostess，or hostess－to－be，is as much concerned with the correctness of her pattern as she is with selecting real solid silver．Not only must her tableware bear the stamp＂Sterling＂but the pattern must be correct and in harmony with the decorative scheme of her dining room．This finer dis－ crimination of pattern is directing society＇s preference for＂treasure＂Solid Silver which is authoritatively and delightfully designed in all the various accepted decorative styles．

Newest of＂treasure＂patterns is the american directoire，destined to win special favor with this season＇s leading brides．With the trend towards Federal American and other late 18th and early 19th century styles，American directoire is very much in the mode．It blends nicely，too，with Modern settings because of its sophisticated simplicity．YOUR JEWELER will be glad to show you the new american directorre pattern and other＂treasure＂en－ semble designs－patterns which you may select with the knowledge that they are correct，with the assurance that they will always remain in unquestioned good taste throughout the years to come．

ROGERS • LUNT \＆BOWLEN CO．• Silversmiths • GREENFIELD，MASS．

## BEWARE ANOTHER DECADENZA



## THE ARTIST - CRAFTSMAN

 IS STILL WORKING in Southern Europe, creating beautiful glass, dinnerware and other exquisite examples of the interior arts. If you take pride in fine table appointments, ask your dealer to show you these delightful table services imported by Carbone, Inc.Write for your copy of THE SHARD, "At Dinnertime" Your dealer's card will give you entrée to our special displays of Murano Glass and Deruta Maiolisa at any of our showrooms.

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348 CONGRESS STREET, BOSTON
385 Madison Ave.
NEW YORK
620 No. Michigan Ave. CHICAGO

## Wedding companionate flowers

orange, medium: Orange Perfection brilliant orange to scarlet; Locarno, orange red.
"Polyanthas begin to bloom long before and are still blooming long after the Phloxes-a point of added attraction.'

Helen M. Fox, the widely known author of gardening books and a leading authority on Lilies, herbs and plant material generally, writes from her home in Peekskill,
"Writing down the color combinations for one's favorite flower is like creating visions with the pleasant but illusive qualities of a day dream which, when faced with the invariable casualties of the garden, will have only slight chance of coming true. However here goes!
-Never or do I like Lilie planted in with the hard shapes and stiff leaves of evergreens. I always arrange them where they will dominate the picture and so do not place other spire-like plants close to them but prefer the fluttery, billowy kinds with Fern-like foliage
"In the beginning of June this year we had about five hundred homeraised elegans, fairly coarse, cupshaped Lilies from two to four feet high, ranging in color from apricot through fiery orange to dark crimson. Under these we had billows of white and purple Petunias, each color in a great sweep, and behind them the green of fairly tall shrubs as a neutra toned background

White Lilies such as Regal, candidum or browni look well massed in great numbers and with these we like blue and purple flowers best. Chines Forget-me-nots, Chinese Delphiniums Lavender bushes, Campanu!a carpatica (white and blue) all look well and bloom at the same time. Linum perenne in two tones of blue is charming except that it closes at night and white Lilies are most poetic in the moonlight. Heliotrope is always handsome with white Lilies and to tuck behind them the gray leaved Thalictrums are splendid. Tenuifolium, which flowers in June, is a dainty plant and this year we had it sprinkled through a circular bed filled with Forget-me-nots.
"The native American Lilies such as pardalinum, canadense, superbum, parvum-all in yellows and oranges-
grouped together in front of a Hemlock hedge and in front of them we had Thalictrums and Canterbury Bells in blue, purple and white. As a foreground, either of the following annuals was used: the cream and pale yellow Eschscholtyia, cream Phlox drummondi, blue Nemophilas, blue Viscarias, annual blue Salvias, blue Swan River Daisy or Asperula azurea setosa. "Tiger Lilies are difficult with their pinkish orange coloring. We have planted ours this year in amongst Campanula lactiflora and back of them have grouped plants of the early flowered Hydrangea with the creamy round flower clusters

Speciosums (the deep pink ones) we planted back of gray leaved Artemisia pontica and in front of the red leaved bush Rosa rubrifolia, quite an exciting effect

Roy V. Ashley, who lives in Battle Creek, Mich., is noted for his professional work with Oriental Poppies and Peonies, two of the indispensable spring-flowering perennials
"Painting garden pictures with flowers is one of the most fascinating of garden occupations. It gives living expression to those inspirations for the grouping of plants according to the finer color harmonies which from time to time take commanding possession of the garden minded.
"The present-day list of named Oriental Poppies offers a most enticing field for the study and demonstration of color harmony, both among themselves and in association with a wide range of plants of similar blooming season. The name Oriental Poppy still brings to the mind of the average gardener the oranse scarlet type color which is said to clash with many garden subjects; but even that strong color has its proper place in which it may be most effective. But this Poppy now has achieved so wide a color range that the following lines from Color in My Garden are almost as applicable to them as to the Chinese Tree Peony which first inspired them: 'Of the most imperious yet well-bred loveliness, in every pure shade of color from the white snows of Fuji at dawn, through faintest shades of pearl and pale roses to the growing ardors of coral, salmon, scarlet, crimson, claret, and a maroon that deepens IImost to black
"Some of the best of the strongcolored Oriental Poppies are Bracteatum, Royal Scarlet and Excelsior, orange scarlet; Beauty of Livermere, Wurtembergia and Lula A. Neeley deep red; and Orange Queen and Orange Beauty, orange. Such colors may be too strong for broadcasting throughout the garden, but will find their own place in the companionship of the cool lavender-blue Irises such as Juniata, Perladonna, Yolande Zilia, the bluer Wedgewood, and the deeper Souv. de Mme. Gaudichau.
"The grouping may well includ Canterbury Bells, Peach-leaved Campanulas, Nepeta, White Pinks, the lighter colored Foxgloves with a few scarlet Geums and Lemon Lilies. Mrs Louise Beebe Wilder says: 'Nothing so softens the outlines of these intens color masses as do the little spreads of gray-pink Valerian or Garden Heliotrope carried well above the Poppics.' Mrs. Wilder also states that some of the loveliest of early June's pictures are made by planting the sal mon and shrimp-pink and flesh-co! ored Poppies in groups with Lyme Grass and Nepeta, Stachys lanata and Valerian.

The delicate shades of pink Poppies, such as E. A. Bowles, apricot to shell pink, Lightness, a pleasing soft rose, Queen Alexandra, a light pink with gray blotches, and Watteau, a delicate flesh color with no blotch find charming expression in association with such Irises as Hippolyta and the newer Mary Barnett
"Another pleasing picture may be had by grouping Poppies Mahonoy, mahogany maroon; Lula A. Neeley, deep, dark red; Perry's White, the best white yet in commerce; and
(Continued on page 110)

# Announcings sensational new RCA Victor Radio-Phonograph 

Featuring new record that plays 30 minutes, (about 4 times as long as present type) and SIX other revolutionary developments . . . all at the former price of a radio alone!


#### Abstract

New io-tube De Luxe Super-Heterodyne Radio with Pentode Tubes and Automatic Volume Control.


2
New electrically recorded and electrically amplified phonograph recording.

3
New automatic record changer-that will play ten records as long as you like.

4
New long-piaying records-15 minutes of music on each side or half hour per record.

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Marvelous home-recordirg apparatus with studio-type microphone-so you can make 1o-inch records of your own voice. 6
New chromium needles-good for 100 playings-also improve tone.

7
New acoustically balanced cabinet-carefully designed for fine tone effect just as the old masters designed their violins.

TODAY ... a glorious new type of home entertainment is here! Today with the new RCA Victor radio-phonograph, you have at your command notonly America's $\$ 70,000,000$ worth of broadcasting programs-not only a $\$ 500,000$ library of the world's finest music-but also-you can now enjoy two and a balf hours of record music without touching the instrument, or stirring from your chair.
You can now enjoy a marvelous new type of record that plays 15 minutes on each side- 30 minutes in all. A record far more true in reproducing tone.
You can now enjoy a new RADIO-a 10 -tube De Luxe Super-Heterodyne-the finest RCA Victor radio ever made. It employs the new RCA Victor Synchronized Tone System, affording radio entertainment heretofore impossible.

A new type of record changer is here, too!... capable of playing any 10 regular-size records as long as you desire-with no effort on your part.

A new type of phonograph is here with a new method of electrical amplification almost uncanny in its realistic effect. And all these features come to you in this new instrument for $\$ 350$-about half the former price! By all means, hear this new radio-


RCA Victor Co., Inc. "Radio Headquarters" Camden, N.J. ARadio Corporation of America Subsidiary.

All you do is select the records . . . the mechanism does the rest . . . 40 minutes of music from present type records . . . $21 / 2$ hours-almost four times as much-from new long-playing type. Machine also plays individually any record you now own.


fabric wall coverings - with
warmth and richness and a surface
that is easy to keep clean!

INSTEAD of lifeless monotone walls in your kitchen, why not have 1 the colorful beauty, the warmth, the richness of fabric wall coverings? Backgrounds that do add something to your kitchen!
The Wall-Tex pattern in the kitchen illustrated is cheery and inviting, yet unobtrusive. This fabric wall covering, with its soft, graduated tones, forms a decorative background that enriches the color beauty of everything in the room. No bareness here. No harsh, spotty effects of equipment against this attractive background. And, think of it - you can wash this beautiful decorative material, clean it repeatedly with mild soap and water.
Beautiful new Wall-Tex patterns and colorings are available for every room in the home. Ask your decorator or dealer. Write us for interesting folders on decoration.
COLUMBUS COATED FABRICS CORPORATION
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Columbus, Ohio Makers of fune coated fabrics for a third of a century

No. 3407-A distinctive, modern pattern
furnished in color combinations to harmonize with any decorative treatmen

## WALL - TEX

## Wedding companionate flowers

## Pygmaea, a smaller, dwarfer Orange Ifeauty, in front of bold masses of

 Anchusa italica, Dropmore variety, and between masses of the lower growing Anclusa capensis. The interplanting here of the Valerian will add a definite touch of grace to the ensemble. "Among the most graceful and delicate of the Orientals are E. A. Bowles, apricot to shell pink, Silver King, a dainty off-white, Watteau, flesh coral with no blotch, and Perry's Blush, a clear, pale pink. These are most effective in front of a planting either of pink Tree Peonies or pink climbing Roses, interplanted with pink Pyrethrums and Heuchera, and edged with such a Dianthus as Gladys Cranfield.A deeper, heavier garden picture of the 'brunctte' type may be made by planting in partial shade groups of Poppies Delicata, old rose pink; Perry's Blush, described above; Henri Cayeux, a crushed raspberry; Negrillon, a vivid carmine; and Mrs. Baker, a rich wine red without skeen. This group will be most effective in front of a mass planting of dark colored Delphinium.
"With some seventy-five or more named Poppies now in commerce, there is practically no end to the new effects we may create by painting Poppy pictures in our gardens. And it's no end of fun.

John T. Scheepers, whose fame as a bulb specialist is international, sends us from his exhibition gardens at Brookville, Long Island, these interesting and widely varied suggestions for combining chosen Tulips and particularly appropriate companion flowers of other types:
Dark Bizarre Tulips with pale yellow or cream colored Primroses as ground cover, or rising out of a mass of hardy Alyssum var. Silver Queen. and brown Violas-associated with pale yellow Cottage Tulips such as Alaska, Arethusa, Mrs. F. E. Dixon, Nathalie May, or Vesta.
Pink Cottage Tulips Rosabella, shoaled in front of a clump of the white Lilac Mrs. Willmott, with a ground cover of Forget-me-nots, or Phlox divaricata Laphami, perhaps near a pale yellow early Iris.

Salmon pink Darwin Tulips Clara Butt in front of purp'e Barberry, amongst Camassia, associated with silver leaved Nepeta and clumps of Bleedingheart.
Pink Darwin Tulips Baronne de la Tonnaye or similar variety in that shade rising out of a mass of Anchusa myosotidiflora, in front of pink double flowered Peaches and blue or white Forget-me-nots as edging.

Pink Darwin Tulips Princess Elizabeth in front of dark evergreens with Phlox G. F. Wilson.

Rose-pink Darwin Tulips Princess Mary in semi-shade with clumps of Bleedinghearts placed in front of them, edged or underplanted with a mass of Iberis.
Cherry-pink Darwin Tulips King George V, with early mauve and white Irises, in front or near Bechtel's Crab. underplanted with Cheiranthus allionii or blue Forget-me-nots or rising out of a mass of white Arabis or Iberis. Pink Cottage Tulips Inglescombe

Pink or Leda above blue Forget-menots or light blue Pansies. Yellow Cottage Tulips Arethusa, a glorious "double tone" translucent light chrome yellow, rising out of a mass of brown Wallfowers-or blue Forget-me-nots, associated with Bi zarre Tulips Zebra among pale Violas or above English Daisies, and a clump of Cottage Tulips Madame Buyssens alongside of the varicty Zebra.
Yellow Cottage Tulips Avis Kennicott over blue Forget-me-nots or Mcrtensia virginica, or rising above a solid bed of white Pansies or Arabis.
Yellow Cottage Tulips Nathalie May are lovely near clumps of Mertensia Cirginica, or Scilla campanulata var. Excelsior.
Vellow Cottage Tulips Monlight near Bleedinghearts over clumps of Nepeta mussini or bluc Aubrietias.
Yellow Cottage Tulips Inglescombe Yellow over blue Forget-me-nots or sky blue Flax.
Yellow Hybrid Tulips Mrs. F. E. Dixon, undoubtedly the finest soft ye:low Tulip of longest lasting qualities. amongst blue Forget-me-nots or light blue and white Pansies with the beautiful Lilac President Fallieres as background.
Yellow Cottage Tulips Arethusa under the purple pendants of Wisteria. Cottage Tulips John Ruskin over blue Forget-me-nots or Myrtle's lavender blue flowers, or rising out of a mass of apricot Violas, associated with the artistic Cottage Tulip Ambrosia, with the Darwin Tulip Faust, its perfect foil, nearby, or Cottage Tulip Twilight placed below Ambrosia.
The beautiful, tall, deep yellow Hybrid Tulips Jeanne Desor rising out of a mass of Viola Jersey Gem or blue Forget-me-nots.
The dark red Darwin Tulips Eclipse with white Camassias and Alyssum, associated with another Tulip of more brilliant hue, such as Darwin Tulip City of Haarlem.
Purple Darwin Tulips Jubilee with blue Forget-me-nots, near Darwin Tulips Duchess of Hohenberg, or the brilliant Hybrid Tulip Dido with some shoals of Nepeta mussinii.
Darwin Tulips Anton Mauve near Bleedingheart associated with Cottage Tulip Inglescombe Pink, underplanted with Iberis sempervirens or Cheiranthus allionii, the Chinese Wallfower. Darwin Tulips Melicette with Bleedingheart near white Spireas, amongst gray leaved plants, with Cottage Tulip Madame Buyssens or Moonlight.
Darwin Tulips The Bishop over apricot colored Violas associated with Breeder Tulip Madame Lethierry or Valentin and Cottage Tulip Madame Buyssens rising out of a mass of Viola Jersey Gem.
Purple Breeder Tulips Velvet King in yellow Pansies or dotted through pale heliotrope Darwin Tulip Dream, associated with Breeder Tulip Garibaldi or above darkest purple Pansies. Purple Breeder Tulips Bacchus rising out of a shoal of Anchusa myosotidiflora.
Purple-bronze Breeder Tulips Roi Soleil rising out of yellow Pansics or light toned Wallfowers.
Darwin Tulips Mrs. Harold Irving
(Continued on page 112)


# Josiah lledguoodx $\mathbb{S o m s h}_{\text {, Jne: }}$ 

OF AMERICA
160 FIFTH AVENUE: NEW YORK

Northwest corner of 21st Street WHOLESALE ONLY

[^9]Jasper, Basalt, Queen's Ware, Etc WEDGWOOD

The two floral patterns - Ranunculus and Corn Poppy - are developed in a wealth of appealing color harmonies, while in the third - Grape Vine - the decoration is embossed either in cream or lavender. These patterns are on the famous Shell Edge-a revival of one of the old Eighteenth Century models in Queensware.

Upon request we shall be pleased to send you a copy of our illustrated booklet.


## " $\partial$ have PICTURE BOOK walls"

YTOU just can't be bored in my nursery. II can't for the life of me tell you why I have a better time there, but I do.
"It always seems sunny, even on rainy days. It's got little furniture that doesn't tower over my head -and mother put wallpaper pictures all over the walls. She said it was because she wanted me to have the nicest nursery ever, and I think it is for, frankly -I like wallpaper pictures."

Growing, eager minds and sensitive nerves of the small members of our households react to pleasant surroundings as surely as a flower turns towards the sun.

The balanced color of well designed wallpaper gives their very own rooms character and charm so that even the smallest occupant is a little happier living there. Our new Booklet "Improve it with Wallpaper" will be sent for 10c. The Wallpaper Association, 10 East 40th Street, New York.

## Wedding companionate flowers

(CONTINUED FROM PAGE 110 )

Pratt, against the dark surfaces of Yew or Box, in company with the delicate gray feathers of Artemisia and a few clumps of Viola Jersey Gem, or Scilla campanulata var. Excelsior. Will be effective with Cottage Tulips Madame Buyssens, or Arethusa, or a dark chestnut Breeder.
Bronze violet Breeder Tulips Turenne against Cottage Tulip Hammer Hales, over Phlox laphami.
Light bronze Breeder Tulips like Cherbourg associated with Wallfowers and pale Munstead Primroses.
Breeder Tulips Heloise or any mahogany shade variety associated with dark Japanese Maples with the bronze leaves of Heuchera Richardsonii below all as foreground.
Breeder Tulips Bronze Queen with pale yellow Cottage Tulip Alaska or pale lavender Darwin Tulip like Duchess of Hohenberg. Or in front of Breeder Tulip Louis XIV, the latter above blue Forget-me-nots or yellow Pansies associated with Breeder Tulip Garibaldi, followed by Bacchus, Goldfinch and Darwin Tulip Duchess of Hohenberg, with ground cover of blue Forget-me-nots.

Breeder Tulips Copernicus or simiAar shade with Chinese Wallfower and brown Pansies.
Breeder Tulips Garibaldi with Bronze Queen or Cherbourg or other pale bronze form, associated with Velvet King and Louis XIV.
Breeder Tulips St. James is a good color to be brought out by Breeder Tulip Le Mogol and the pure violet of Mrs. Beecher Stowe with blue or white Forget-me-nots or white Arabis
Rembrandt Tulips associated with Lilacs.
Botanical Tulips Clusiana associated with Narcissus Poetaz Elvira, blue Forget-me-nots and blue Scilla campanulata.

Donald wyman, of North Abington, Mass., is a leader among the professional plantsmen of New England and a firm believer in the Phlox family as indispensable in the hardy border. He considers these color groups especially meritorious:
light pink blends
Annie Cook: Good trusses of deliate pink.
Milly von Hoboken: Very large flowers of a good soft pink.
Mrs. Pfitzer: A very good, large flowered dwarf Phlox, pinkish lavender.
bright pink blends
Juliet: Good trusses of bright pink ith a small red eye.
Jules Sandeau: A dwarf, large flowered watermelon pink. The plant forms a broad mass, its color is good, the plant is fine for front situations and accent masses.

## SALMON PINK blends

Johnson's Favorite: Good sized flowers of bright, slightly salmon pink, red eyc.
Boule de Feu: Very brilliant salmon, late blooming.
R. P. Struthers: Very bright, reddish salmon.

Julius Heurlin: A fine large flowered true salmon pink, a very good Phlox.
Enchantress: Very good, in size and tone, like J. Heurlin, but it has a light eye, instead of Heurlin's deep pink.

## beignt red

Firebrand: A large flowered bright red Phlox. Combine with Count Zeppelin, a large flowered white Phlox of the Europa type, with large red eye.

## late group

B. Comte: Dark velvety red (not at all magenta in shade), very late, combined with Etta's Choice, a late white.
blete grote
Bluc Hill: Nceds white near it, and shade, to bring out all the blueness.
F. Anton Buchner: A large flowered white.
Mia Ruys: Dwarf, broad masses of large flowered white.
Maid Marian: Light lavender blue, very good; also bluer in light shade.

## House \& Garden's bookshelf

Field Book of Common Ferns. By Herbert Durand. New York: G. P. Putnam's Sons.

Seldom do we find a Nature Study book that accomplishes its purpose in such a definite and delightful way as does this one by Herbert Durand. It is intended as a Field Book to be carried by one who desires to be introduced to the study of our common Ferns in their natural haunts. In order to confine his book to a compact form, the author limits his study to a description of fifty Fern species. The detailed descriptions of these in the text, together with sketches and vivid photographs of the Ferns taken as they grow in the wild, make this little volume of two hundred and more pages both an accurate and a fascinating work.

Being a book for beginners in the study of our Ferns, it is written in plain English and with the use of "only nine technical" terms. The only adverse criticism I would have to offer concerns the illustrations of the Fern terms "Pinnae" and "Pinnules" on page 31. They are not clear as used and numbered here, but as used throughout the book, or text, they are perfectly clear. The author has shown a scholarly carefulness in consulting authorities to back up his recorded facts about the Ferns and in listing both their correct common and botanical names. For those who desire to do advanced study, references to book and periodicals are furnished.
Not only to the novice but also to the more mature student of nature, this book must come as a gratifying (Continued on page 116)



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- Above: Williamsburg, a fire-proof reproduction of weathered Colonial handhewn shingles.
- At left: Creo-Dipt handsplit Pilgrims (red cedar). Note the heavy shadow lines and rough effect.
struction. If you are rebuilding an old house, you can have Creo-Dipts laid right over the old clapboards, and if necessary, right over the old roof. They will reduce upkeep and add valuable insulation, because they are made only of selected red cedar, stained under pressure by a patented Creo-Dipt process that forces the greatest possible amount of stain deep into the wood. And with the new CreoDipt Finance Plan that most lumber dealers are now offering, you can even pay for them on the installment plan. If you prefer a fireproof roof, you will be glad to hear about the Creo-Dipt-Mohawk Shingles. They are made in natural designs that are unlike any fireproof roofing you ever saw before. The Williamsburg type,
illustrated on this page, is an interesting example. This shingle was designed for architects Perry, Shaw and Hepburn for the restoration of Williamsburg, Virginia. It is a perfect replica of weathered Colonial hand-hewn shingles.

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heights become dwarfed in the struggle for existence and we have as a result the slower growing variety Mughus, the most common of all dwarf evergreens in cultivation, but both useful and attractive. It customarily does not have one main stem or trunk but several leaders which may be reduced in number and trained in almost any way desired so that it will ultimately become a rugged, irregular dwarf tree. Special irregular types may be selected at the nursery. They may then be used to replace gradually the more rapidly growing Austrian Pines and the Pinus montana which may have been originally planted for immediate effect.

There are a number of fine dwarf forms of other species of Pines that are difficult to propagate and which are, therefore, unfortunately only found in the Arboreta.
A favorite tree with Japanese gardeners is Pinus densiflora, the Japanese Red Pine, which they artificially dwarf, although it is a rapid grower here. Happily, the variety tanyosha globosa (Japanese Table Pine) is available in this country. This is reproduced by grafting and has a short, stout trunk with a table-like top of an attractive light green color with long, slim, soft and flexible needles. It rarely grows over two feet high and is both unique and interesting.
Slow growing, picturesque and irregular is the upright form Pinus pariiflora, the Japanese White Pine; the Korean Pine, Pinus koraiensis is also slow growing, has handsome foliage and is useful in the background.

## LITILLE Cypresses

Extremely rich and beautiful are the Retinosporas, Japanese or Hinoki Cypresses, which were introduced in:o England by J. G. Veitch in the 60's, although they had long been favorites with Japanese gardeners who had propagated them under abnormal forms. Their foliage is rich, lustrous, shining dark green; the leaves are blunt and arranged in fan-shaped, cockscomblike branckes in a most picturesque and Jappy manner. Retinospora obtusa makes a charming background and is extremely effective flanking steps that pass up through stone walls. The dwarf type obtusa nana is of very slow growth; in beauty and suitability for the rock garden it ranks at the top, a prized possession. At the Arnold Arboretum is a very old specimen which is now a pyramidal bush eight feet high. The true generic name for these Cypresses is Chamaecyparis, under which they are frequently listed.
Entirely different in character in this genus and the smallest of all conifers is Chamaccyparis pisifera nana or Dwarf Moss Retinospora with spongelike, fluffy foliage of glaucous silvery green. It forms low cushions of great beauty four or five inches high and rarely over ten to twelve inches through.

The Spruce is a race rich in splendid pigmy types. The White Spruce ranges through Canada from the Arctic regions to Wisconsin and in New York and is one of our finest trees. It has produced one of the best of all dwarfs in Picea alba albertiana, form conica,
which was found in the Canadian Rockies at Lake Laggan in 1904 by Mr. J. E. Jack of the Arnold Arboretum where the parent tree of our supply is one of the most prized treasures. It is a distinct plant of pyramidal growth with fine, delicate foliage of grass green. The annual growth is only from one-half to one inch.
One of the oldest forms of Spruce in cultivation is the Norway, with rich, dense, dark green foliage. It is very variable and in every batch of seedlings many varieties of habit and color may be found. Consequently various dwarf forms may occur in cultivation. Two of the rarest and finest of these are Gregoriana and Maxwelli, which are somewhat similar in character and are, therefore, sometimes confused in the trade. Fortunately, both of these may be secured in this country by sh:opping around a bit, although occasionally they are not sent out truc, even by reputable houses.

## TWO buSh trees

Gregoriana is densely formed, very dwarf, making a low, flat bush rarely exceeding two feet in height, even when of great age. Specimens in the write-'s garden, although quite old, are not a foot high and the growth from year to year seems scarcely perceptible; one at Kew is over thirtyfive years old and is now eighteen inches by twenty-one inches. Gregoriana was raised in the Cirencester Nurseries in England in about 1860. Veitch sent out a variation of this which is probably the form to be found in this country. There are fine specimens at Highland Park, Rochester, and at the Arnold Arboretum. Picca excelsa maxzelli is even finer, a very distinct form raised at the Maxwell Nurseries at Geneva, New York. It makes a low, flat cushion of even slower growth than Gregoriana with very beautiful bright green foliage. Both of these flattish forms are useful, imparting an air of permanence and antiquity to the rock garden.
Still rarer but obtainable, though very expensive, is Picea excelsa remonti, of regular, conical form and of extremely slow growth. It is very distinct and, once identified, it cannot be confused with any other. It is of Continental origin; a very old plant at Kew has made a conical tree three feet by two and one-half feet.
There are other depressed dwarf forms of fine, shining, bright green foliage of slow, picturesque growth which may be secured under the names Excelsa pumila, nana compacta and orientalis nana. The Oriental Spruce inhabits the Caucasus, the Taurus and other portions of Asia Minor.
While many of the Junipers have a dingy commonplaceness, a few of the dwarfs are among the most beautiful and useful evergreens we have, forming prostrate mats or upright growths, conical or fastigiate, in various tones of green, blue or gray. Of these prostrate forms the most beautiful is Sabina tamariscifolia, a native of the mountains of Southern Europe of a most pleasing shade of gray-green. (Continued on page 116)


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In 1930 we dormant-sprayed all trees and summer-sprayed the majority, as well as cable-bracing where necessary. We removed certain trees to allow for development of better specimens.
This year we dormant-sprayed apple, elm and fruit trees; fed the larger and mature trees, pruned where necessary, and summer-sprayed where conditions indicated need. We also installed Bartlett Lightning Protection on six specimen trees, protecting the key trees on the estate. The average cost per tree for this broad, complete program has been $\$ 4.77$ per tree, per year. As to the results, the accompanying letter is ample testimony. Whether your trees are few or many, Bartlett can give them the benefit of a rounded, laboratory-directed program at a cost most satisfactory when measured in present results and future health and increased beauty.
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Juniperis procumbens, from the mountains of Japan, is a favorite in the gardens there. It has attractive, irregular trailing growth with light bluishgray foliage. Juniperis squamata has distinct, thick, crowded foliage of picturesque form and brilliant, glaucous bluc-white. It hails from the Himalayas.

The two jewels of the upright race are the Spiney Greek Juniper, Juniperis excelsa stricta and Juniperis squamata meyeri. The former is of very symmetrical, conical outline and beautiful glaucous color, tapering gradually from the ground to a sharp point. The latter is a newcomer of unusual merit, discovered in Chima by the late Frank N. Meyer, plant explorer of the United States Department of Agriculture. It has the most striking color and form of any evergreen. It is of fastigiate growth of extreme irregularity, some upright and some more spreading. It is a bright, shining bluegreen, varying from different angles and is tipped with star-like points of very light greenish-gray. None other is so striking in color as this.
Entirely distinct from any of the foregoing is the beautiful dwarf Japanese Yew, Taxus cuspidata nana or brevifolia, unique in the irregular and picturesque outline of the rich, dark green of its foliage, unchanging in hue throughout the year. Its foliage is heavy and waxy and lustrous. It is very slow growing, dense in growth in early years, later becoming more open in its graceful old age, when it seldom exceeds three feet in height. It is sturdy and hardy in the most trying climates.
Reference would not be complete were mention not made of the lovely Daplune cneorum, with its little trumpets of glowing rose, forming corymbs at the tip of each evergreen branch in early spring and at intervals later in the season, and emitting the most delicate but intoxicating fragrance of an unforgettable quality. It should be given a place not too hot or dry,
with an abundance of leafmold and lime rubble, where it will be exposed to the proper degree of sunshine.
While the rock garden is the natural shrine of the little flowering jewels of the hills, both bulbous and herbaceous, it should be so planned in structure and planting as to possess in all seasons beauty and charm independent of the radiance of blossom. The dwarf evergreen is a chief aid to this but other dwarf shrubs and a host of herbaceous plants lend their aid by way of variety of form and various shades of green. Particularly is this so in the writer's garden in somber November, as this is written, when no bloom survives except that of the little precious Heron's Bill, Erodium chamaedryocides roseum, upon whose neat, recumbent mass of scalloped, Fern-like foliage, as dark and rich as that of the Yew just described, rest innumerable brilliant little stars of soft, melting pink, and when various greens present cheery contrast. Among these latter, now, are Dianthuses in many tones, the dainty and exquisite glaucous-gray Aethionemas, precious downy-green Androsaces, Veronicas and Helianthemums, rosetted Saxifrages, Campanulas, the mosslike vivid green Arenaria cacpitosa. more properly called Sagina subulata, the dark hued Sempervivum triste, the speckled Sempervivum calcarcum, the coppery Sedum rupestre made more metallic by nestling about the bluegray Sedum dasyphyllum, the heartleaved Sedum seiboldii, the bright green and gold Scdum reflexum, silvery Santolina, the grassy Festuca glauca, the little rich green spires of Heather, the scarlet and green Rock-sprays or dwarf Cotoneasters: Cotoncaster horizontalis, of various types with bright berries, Cotoncaster adpressa, perpusilla and macrophylla and the trailing red berried Cotoneaster dammeri radicans, rerooting as it goes and molding every rock in the embrace of its glossy green leafage, now delicately tinged with bronzy crimson.

## House \& Garden's bookshelf

inspiration. It is a satisfaction to have placed within one's hands a book written out of a wide research of the literature covering the subject. This book is that; but it is more than that. It is the expression of fellowship with the romantic beauty of the Fern world and is written out of a rich experience of personal observation of the Ferns in their wild haunts and of their culture in his own garden of mative plants. It is for these reasons that Mr. Durand is skilled in naming the distinctive characteristics of the Ferns in such a way that there need be "no difficulty in telling them from all other plants at sight"; and in introducing his readers-and shall I say his stu-dents?- to that mysterious atmosphere where the wonders of Fern forms spring out of spore cases into the fairy-like tracery of growing, swaying fronds. Chapters on "Why Everyone Should Know the Ferns"; "Getting Acquainted"; "Fern Facts and Fancies"; "Botanical Synonyms"; "When the

Spores Are Ripe"; and "How to Grow the Ferns", added to the detailed descriptions of the fifty species their clear illustration in drawings and the wonderful photographs of them (fifty-three in all), taken in their natural habitat, constitute this little book a complete success in the field which it covers.
H. J. J

Homespun Handicrafts, By Ella Shannon Bowles. Philadelphia: J. B Lippincott.

Motivaten doubtless by the pres. ent keen interest in all things Colonial. Mrs. Bowles has folt justified in expanding on a subject that other writers have treated in a less comprehensive way, and has given us a practical, delightfully written book on the crafts of our forefathers. She has collected data from her own and the related experiences of others, classified it, and woven it into a book. The various homely (Continued on page 122)

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# Grace and charm come with Clematis 

(continued trom page 80)

made of these beautiful climbers. This scarcity of the Clematis in our gardens may possibly be due to the fact that attempts to grow any but the amiable Japanese Virgin's Bower have met with failure and in our impatience other more amenable subjects have been chosen in its place. The fact is that these plants, the majority of them, have certain definite requirements that must be met; when these are understood and complied with there is little trouble in growing any of the species and even the superb large-flowered hybrids may be attempted with a very fair certainty of success.

## necessary conditions

The first of these requirements is probably a degree of lime in the soil. Any one who has seen their superb performance in the neighborhood of Bath, England, where the subsoil is chalk, will readily understand that lime contributes much to their well-being. Nevertheless, Mr. William Robinson, who has long made a specialty of Clematises in his garden in Sussex, maintains that although the Clematis is essentially a plant of calcareous regions, it will succeed in ordinary soil. "At Gravetye," he says, "when making fresh plantations, the soil, three feet deep, is made up of loam and leaf soil with a good proportion of sand. Nothing is added but a mulch of bracken. No manure is given."

Other authorities, on the other hand, strongly recommend the addition of lime in some form, and in certain parts of the United States where the soil is naturally acid, often very acid, this is undoubtedly a first necessity. The making up of the soil so that it will be loose and well-drained is also important, and it has frequently been pointed out that the Clematis, for all its fragile appearance, has a good appetite and quickly exhausts the soil so that a dressing of bonemeal or cow manure, well rotted, may well be added at the time of planting, and a mulch of nourishing material applied early in the spring, so that the young shoots will have something to feed upon in their early stages.

The second requirement is undoubtedly some degree of shade. Clematises are, it must be remembered, naturally copse plants, or grow on the fringes of woods, twining up through bushes or climbing up the tree trunks, so that the stems for a considerable length are protected from drying influences, while the flowering growths fling themselves out into the sunshine. This is a lesson to be taken to heart. We must not get the idea, however, that these plants will thrive in dank situations, such as on the north sides of houses or in heavy woodland; but undoubtedly the stem should be protected for a portion of its length from the burning rays of the sun. Growing them through open shrubs such as Magnolias or Hawthorns gives this consoling shelter, or they may be trained up the west side of an Apple or Pear tree with beautiful effect, and the slender climber does no harm whatever to its sturdy support.
It is with the beautiful large-flowered hybrids, of mixed and often
obscure origin, that we experience the most trouble, and it is the burden of Mr. Robinson's cry that when we can secure these lovely things on their own roots, rather than grafted on wild and often unsuitable stock, our troubles with them will be largely over. They are, nevertheless, worth all the trouble and travail of spirit they cause, and in spite of their bad reputation often prove most unexpectedly long-lived and even tough.

There was an old vine of jackmani with a great woody stem that grew on the porch of my old Rockland County home. It had been there for years and met every sort of vicissitude, from children swinging on it to being eaten to the ground by an omnivorous puppy, with an undimmed cloak of purple bloom that was almost startling in its gorgeousness. I suppose this old plant bore out Mr. Robinson's contention, for it was certainly not a grafted specimen. But in that garden, which had naturally much lime in the soil, throve also the beautiful $C$. henryi, with its immense white blossoms, and on the Rose pergola a Clematis was planted beside each Rose and contended charmingly for a place in the sun. They throve satisfactorily and were long-lived.

## clematis trom seed

The soil of my present garden is at once too heavy and too acid to be to the liking of the Clematis tribe and I have not yet got around to contriving conditions that will meet the necessities of the large-flowered kinds. But the small flowered species thrive easily and many of them are very effective. Moreover they are easily raised from seed. A. J. Macself in his invaluable book, Plants from Sced, has this to say about raising Clematises from seed:
"Put the fluffy seeds, as soon as gathered, into a box half filled with dry sand. Close the lid and shake well, to get the seed well distributed through the sand. Spread thinly and evenly over the bed and cover with $1 / 2$ inch layer of sand and leafmold in equal proportions. Water well with a fine-rosed can, and shake a loose light covering of chaff over the bed. Germination will be slow (as it is with all the Buttercup tribe) but the chaff may be removed in spring, the bed again watered and kept moist throughout the summer. The following spring transplant the young roots."
There are numerous American species of Clematis, sometimes referred to as Atragene, that are well worth growing. Our Traveler's Joy, C. virginiana, found glorifying the roadside tangle in the late summer with its crowding, creamy blooms, is not of the first merit for garden use, though it may be transplanted from the wild to disguise unsightly objects or for trailing over a wall or stump. It lacks the delicious vanilla scent that augments the charms of the Japanese Clematis paniculata, which it otherwise resembles. Other Clematises of this paniculata type are the fragrant Virgin's Bower of the Mediterranean region. C. flammula, and the vigorous C. vitalba, of British hedgerows. All
(Continued on page 120)


Built by the Rev. John Hancock in 1698, this house in Lexington sheltered John Hancock, descendant of the builder and signer of the Declaration of Independence, when Paul Revere rode to warn him of the march of the British from Boston on the memorable morning of April $19,1775 \ldots$ Photograph by Charles Sheeler.

The selection of a roof is of utmost importance, no matter what the age or period of the house. For a roof that is obviously modern dominates the

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## Grace and charm come with Clematis

these are desirable, bearing a profusion of creamy flowers in panicles and climbing ligh.
C. coccinea (C. texensis), a species native in Texas, is a slender climber of great interest and distinction. Its leaves are slightly glaucous and for a long period in spring it hangs out scarlet urn-shaped flowers in generous numbers. I grew this species from seed and allowed it to share a cedar post with a white Rose with which it got on admirably. It climbs little more than six feet high. C. crispa is another extremely pretty American speecies found in Virginia and the Southwest. The flowers are sweet scented and in various tones of blue-purple and are borne over most of the summer. Allowed to clamber over a bush, or swinging from the cross-piece of a cedar pergola, this is an attactive and graceful species, and easily grown. It may be purchased or raised from seed.
There are so many desirable foreign born species that it is not possible to do more than make a selection among them for discussion here Taking them alphabetically the first is C. alpina, found in some seed lists under the name of Atragene alpina

## muropean kinds

C. alpina is the carliest species to open its blossoms, save the winter flowering kinds, which are not hardy in the North. It is found at high elevations in the mountains of Europe and is quite hardy where other conditions are to its mind. Mr. Robinson recommends for it a northe $=$ n exposure and a peaty soil, though undoubtedly lime should be added to the soil. Though a climber it does not aspire to any great height, growing s!enderly only from four to six feet tall. The fragile nodding blossoms are a delicate lilacblue. This species is very useful in the rougher parts of the rock garden where it may be allowed to trail over bushes or large stones.
C. calycina (C. Iatearica) and C cirrhosa are evergreen climbers, not hardy in the locality of New Jork; indeed, they require a much milder climate, and the latter form is sometimes grown as a greenhouse plant. But for southern gardens they would be an admisable addition, blooming as they do in winter. The first is native in Minorca, and has bell-shaped greenish flowers spotted with color; the second is found in southern Europe and North Afriea and the creamy flowers are sweet scented. M. Correvon offers seed of C. cirrhosa,
C. montana, and especially its lovely variety C. m. rubens, are splendid hardy climbers. The flowers, which are profusely borne, are the size and shape of a Japanese Anemone, and delightfully sweet scented. The variety rubens
is the hardier and more lovely of the two, the blossoms being of a soft orchid pink. These bloom at Tulip time and a wall hung with them makes a fine background for masses of lavender pink and white Tulips. A form known as wilsoni is said to be particularly fine but I have not seen it. C. spooner is one of the late Dr. Wilson's introductions from China. It is closely re lated to C. montana and is a vigorous kind with white blossoms. All thes are lovely for planting against Apple trees where they clamber among the open branches and hang in festoons of amazing grace. Of this group also is C. fargesi, a hardy species blooming at midsummer.
Several yellow-flowered species are attractive and well worth growing. I first saw yellow Clematises many years ago in Miss Willmott's garden at Warley. I have since grown from seet C. oricntalis (C. grazicolens), an Asiatic species with small, pale yellow, sweetly fragrant urn-shaped blossoms and a somewhat rampant, though not excessive, habit of growth. C tangutica, found in a wild state in Mongolia and Western China, is a finer plant altogether, however. This, too, I have raised from seed. The blossoms are larger and of a purer yellow than those of any other yellow-flowered species I have met with, more or less urn-shaped and long and pointed, and are carried free of the foliage on sixinch stalks. It is absolutely hardy
C. mutans is another yellow-flowered species native in the Himalayas, the blossoms of which are said to have a delightful Cowslip fragrance. It would be valuable for its flowers in the autumn, but I have not yet found seed of it.

## i.arge-flowered types

C. siticella is a mative of southern E.urope and has grown in gardens for several hundred years. It has rich purple flowers of flat shape and good Gize. I have found the varicties derived from this specties the easiest of the large-flowered kinds to deal with. The variety kermisian is a delightul winered in color and blooms from Junc throughout August
We have not at our command the vast number of large-flowered Clematises offered in foreign catalogs, but a very gool selection may be made Ramona, Henryi, Jackmani. Mme Baron Veillard, Mme. Edward Andre Ville de 1 yon, and the double-flowered and sweetly seented Duchess of Edinlaurgh are all lovely and to be had Grow them with climbing Roses and no effect could be lovelier
I shall be very glad to inform any one who is interested as to the where abouts of seeds and plants of the varied Clematis tribe.

## Chain-Linls Fences in actual uill of Pittsburgh

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## - THE GARDEN MART •

House \& Garden's bookshelf
(continued from page 116)

BOOKS and PERIODICALS
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issue. Gardeners. Chronicle, 522 G, Fifth Ave.. issue. Gardenen
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ADVENTURES IN A SUBURBAN GARDEN, by Louise Beebe Wilder. This new book by a favorite
House \& Garden author is a gold mine of practical information on the uses and behasior of hundreds
of new and old plants. Bulbs, roses, annuals, perenof new and old plants. Bulbs, roses, annuaks, peren
nials, alpines, widdlings, color shenemes, and garden
care are all included. Illustrated. $\$ 3$. 50 at all teaters or postpaid from The Macmillan Co., 60 Fifth

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## FERTILIZERS

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So do stalks, vines and cuttings from the sarden. traw and cornstalk from the yourself to know about this Ludlow St., Philadelphia, Pa.
WILSON'S RHODY-LIFE-Soll stimulant makes ines, Spruce, ete. Apply any time. 100 lbs. $\$ 5.00$, NSECTICIDES

WILSON'S AWINC-Pyrethrum Spray, Non-poi-eects-Mexican Bean Beetle, etc. Complete requiring
dllution with water. Andrew Wilson, Springfield. N.J. WILSON'S SCALE-0-Powerful dormant spray readily in colld water. covers rapidly, 1 gallon $\$ 2$.
5 gallons $\$ 9$. Andrew Wilson Ine., Springield, N.J. WILSON'S 0. K. PLANT SPRAY-Clean, nonmolsonous, easy to apply, Controls red splater, 83 ,een

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Plans submitted. Expert and
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## miscellaneous

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paid. Hellige, Inc., 179 East 87 th St., New York.

## ORCHIDS

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dat dale Nurseries, Box D. Tarrytown, New Nork TREE PEONIES. Twenty of the newest and fines varieties of Tree Peonies avallable from our coller
tion of 450 . Write for list and prices. Farr Nur sery Co., Box 106, Weiser Park, Pa.

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 Gardens, Sinking Spring, Pa PEONIES- 12 for $\$ 2.50$-all colors, 12 Hegale


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## SHRUBS

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rows 2 feet apart, will make a splendid hedge. You rows 2 feet apart, will make a splendid hedge. You
would pay double for these plants buyink in the would pay double for these plants buyink in for
regular way, but we are crowded for room for other stoek and will sameritice these plants in order
to to dispose of them immedtatelye Primens, suitable for steps or entrance- $\$ 15.00$ per pair. Send for Fall steps or entrance- $\$ 15.00$ per pair. Send Tor
Planting List of Roses and Perennials. Totty's hadson, New serses
LILACS. Eighty distinct varieties of French Hybrid


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GARDEN TOOLS of excentional merit. 96 page

## Trees

NUT AND OTHER TREES for full planting: American Chestnut. Shellbark and Shagbark Hick ory, Black Walnut, Butternut, Red Bud, Dogwood,
American Beech. European Beech. American Ash, Gingko, Honey Locust. Special list free to thase
who mention House \& Garden. F. W. Kelsey who mention House \& Garden. F. K. Kelsey
Nursery Co., 50 Church Street. New York City. CHOICEST EVERGREENS in wide varlety now Henry Hicks \& Son. Westbury, Lon: Island, N. Y.

## WEED KILLER

WILSON'S WEED KILLER-Clean, inexpensive, ${ }^{1}$ mallon Weed Kllier to 40 gallons water. Kear. weens
polson wy, etc. One application a y y
$\$ 2 ., 5$ gals. $\$ 8.00$. Andrew Wilson, Springrield, N.J

## PENNY-WISE AND PEONY-FOOLISH

As we go to press we answer a letter from a reader asking us to recommend a source for peonies. We are always glad to answer any question from a House \& Garden reader, but this subscriber could have saved two pennies, and a great deal of time, if she had turned to The Garden Mart on page 104 of the September issue, where she would have found telegraphic advertisements from five specialists in peonies, each an answer to her letter. Of course if you don't see exactly what you want in The Garden Mart, at any time, write us and we will help you to find it, without obligation: Address: The Garden Mart of House \& Garden, 1930 Graybar Building, New York, Lexington at $43 \mathrm{rd}, \mathrm{N}$. Y.
crafts of the early settlers, basketry, weaving, dyeing, knitting, sewing, candle dipping, sampler, quilt and lace making are all vividly set forth. Under the chapter on "Fine Works" are included painting on velvet, cutting and making paper flowers, wax flowers, stenciling, the embroidering with wool on perforated cardboard with such mottoes as "Home Sweet Home", "God Bless Our Home" and the coverings of band boxes. These cannot be considered works of art. They are rather the expression of an urge for something frivolous to offsct the everlasting stern reality of daily life.
In content and feeling the reader is reminded of Life in Colonial Days by Alice Morse Earle. Mrs. Bowles however goes further into the history of the various crafts, and in some instances gives practical instructions:-rug-making for example. The student of handicrafts cannot fail to be interested in, and inspired to continue and perpetuate some of these ancient crafts.

The antiquarian is sure to find an answer to perplexing questions as to the uses of some of his "finds"
Hampshire is the locality most generally mentioned, although the crafts in the Southern colonies are not neglected. A Canadian was delighted to find a picture of a basket similar to one in her great grand-mother's attic in Nova Scotia and to learn to what use such baskets were put. The handicrafts of a country are the inevitable results of the needs and desires of its people, and thus the history of a period is authentically portrayed.
Homespun Handicrafts deserves a place among the books of both craftsmen and collectors of American Antiques. I doubt if any very original research has been done by the author, but she has certainly bound together into an enjoyable book, much useful information. The sixty illustrations are well chosen, and charming.

Field Book of North Amertcan Mammals. By H. E. Anthony. New York: G. P. Putnam's Sons.

Man has always been more or less intimately associated with the animal life about him. Sometimes this has been because of the economic importance of the animals, or because of their depredations upon his own habitation; and sometimes it has been a charm of simple interest in them as living creatures. To study animals in a book like this, with animal biographies, color-plates, photographs, line cuts, and maps showing their native home areas, is to discover them with a feeling in one's breast next to that of personal adventure. This is particularly true when one sees them through the trained eyes of such an observer as Mr. Anthony, Curator, Department of Mammals, American Museum of Natural History.

His book deserves to meet its purpose as a popular, yet scientific, field book for laymen, and as useful for scientists. It ought to stimulate Nature Study, for here we have intimate and appreciative insight into our mammal life as it now is, north of the Rio

Grande, on the North American confinent, and scholarly understanding of the appearance and disappearance of species and types in the past. This ook is of convenient, pocket size, with text describing 1,445 species and subspecies and with both Latin and common names indexed.
To show the need of just such a work, the author states that "There is no single publication today which attempts to give a full and adequate synopsis, with geographical distribution and notes on habits of every North Imerican Mammal." The author gives data sufficient to enable the layman to identify every recognized species and sub-species. The only exception to the thove is that certain bears of the genus Ursus, which includes the Grizzly and the Big Brown Bear of the North, are treated in a sub-chapter to avoid confusion to the lay mind.
Directions are given the student as to the "Methods employed to standardize results and to enable us to comparc the data gathered by one worker with that brought together by all other workers." We are told how to make the measurements and how to determine the colors of mammals, standard measurements and colors being listed under the heads of species and subspecies. He points out how to place an animal in the larger group to which it belongs and trace its relation successively to the smaller groups till we have found its species or sub-species. Emphasis is laid upon "Life Zones" in geographical ranges as aids in determining identification.
The smaller mammals about our homes as well as the larger ones in the wilds of the Continent are brought here in pre-view for the eyes of youth -for this book in the home library would captivate youth as well as their fatiers. What a new world of enlivening interests it would open to the wideawake American boy! Here he would find all the land mammals from the fierce, active, little Shrew to the giant Grizzly Bear with the terrible name Ursus horribilis. Here also he would find all the dashing, adventurous mammals of the sea.
H. J. J.

Beginning to Garden. By Helen Page Wodell. New York: The Macmillan Company.
"S Stan always finds some work for idle hands to do." Boys and girls must always be doing something and we should remember to "train up a child in the way he should go and when he is old he will not depart from it."
It certainly is a good little book to appear in its publishers' series of Work and Play Books, with language and ideas nicely adapted to the child mind and yet sound and clear in its teachings. Even the subject of weeds and other pests is made not uninviting. Then there is a nice chapter on Garden Things a Girl Can Make and one on Things a Boy Can Make for the Garden. Added interest for a boy or a girl will be found in the Garden Club Idea and in what is said about enjoying Nature's flowers, about harvest time and what to do with flowers and vegetables in winter.


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## The garden scrap book

## $G_{\text {Reenhouses in parvo. Every }}$

 real gardener-and a good many others who are only mildly interested in plants and planting-is guaranteed to covet one of the miniature portable conservatories recently put on the market by two of the large manufacturers of greenhouses. They are the best gardening gadgets we have seen in months, and in some ways the most lastingly useful.Briefly told, the first of these devices is a glassed case, $241 / 2^{\prime \prime}$ long by $161 / 2^{\prime \prime}$ wide by $18^{\prime \prime}$ high, fitted with an underlying water pan and a hinged top of lean-to shape for purposes of ventilation. A perforated metal bottom and two steps rising toward the back of the case provide resting places for potted plants. The steps are removable so that the whole bottom can be on a single level for the arrangement of a miniature woodland garden, a tiny rock garden or any other of the Tom Thumb type of plantings which are so popular for indoor decoration. Besides these uses, the frame is idcal for starting seeds early in the spring. The second tiny greenhouse is about the same size but is peak-roofed instead of having a shed or lean-to top. Where moisture other than that in the soil is desired, it is provided by means of a separate water container rather than the pan which the first type contains. The device is especially to be recommended for seed-starting and potted plants and is equipped with several separate trays. It can be used outdoors in moderate weather,
as well as in the house. Of course an instruction book comes with it. Placed on a table or shelf near a sumny window, one of these little glass houses will enable you to keep all kinds of moisture-loving plants in the driest of winter rooms. With it, you can completely forget the old bugbear of Why House Plants Perish, or Death Ty Drying. It becomes a godsend as soon as the furnace is lighted in the autumn, and it will, if you wish, provide you with a tiny section of jungle field or woodland all winter long.
Yes, we heartily recommend thes latest products of the greenhouse man's ingenuity, and we believe that they perfectly fill a long-felt want. Ncedless to say, we'll be happy to tell you where you can get them if you'll write to us,

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You cannot afford to risk disappointment by using any but the finest seeds, bulbs, and nursery stock . . . the most effective fertilizers and insecticides . . . the best garden decorations and furnishings. Your best insurance for a successful gardening season is to make your garden purchases from the reputable firms advertised on these pages.
Also, we invite you to make use of our information service on any of your special problems, without obligation, of course.

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## TRADE LITERATURE REVIEWS

## Building Materials

## Bathrooms

1. "Edge-Lite" Bathroom Cabinets. This booklet illustrates how the lamp, brackets on either side of the mirror slide into position where they give the best light.
Henkel "Epge-crte" Corp., 912 N. Henkrl "Edgelite" Corp.,
Franklin St., Chicago, Ill."
2. Beautiful and Dutipul. Bathrooms and Kitchens. Several designs in Kohler bathroom and kitchen equipment are illustrated. Equipment is available in several colors. Конler Co., Kohler, Wis.

## Heating \& Air Conditioning

3. Bryant Gas Heating. The advantages of gas heating are given and the cleanliness afforded by this type of heating is Co. 17864 St. Clatr Ave, Cleveland, Оні.
4. The Carbier Weatherm oker. This interesting book tells how the Carrier Weath ermaker provides a combined heating and air-conditioning system of superior quality Carrier-Lyle Corporation, A Div., 850 Frelinghuysen Ave., Newrk, New Jersey.
5. The Modustat, An autumatic temperature control for use on individual radiators described through text and drawings. MtN neapolis-Honeywel. Regulator Co., 2790 Fourtil Ave., So. Minneapolis, Minn.
6. The Boller-Burner Book. Explains how any good oil burner combined with a Smith Oil-Burning Boiler becomes a Boil-er-Burner Unit. The H. B. Smith Co., Dept. K-36, Westfield, Mass.
7. "The Use of Gas as a Fuel" And "Revitalized Aik". Two interesting looks pertaining to gas-fired warm air heating and humidification. Surface Comhustion Corporation, Toledo, Ohio.

## House Bldg. Material

8. Portland Cement Stucco with Mrdusa Watrrproofed Whitr, Portland Cement. This booklet gives the advantages and the general specifications of this water repellent cement stucco. Medusa Portland Cement Co., Dept. E, 1002 Engi neers Bldg., Cleveland, Ohto.

House Building, Misc.
9. Hodgson Houses and Outdoos Equtp. ment. Illustrations and descriptions of play houses, garden houses, kennels, bir houses and other garden equipment appens in this catalog. E. Nenter, Boston, Mass.
10. Sedgwick Mechanical. Servants. ttlustrations and descriptions of the four Sedgwick servants - the dumb waiter, the fuel lift, the trunk lift and the "individual"
elevator Sspawick Machine Works. 150 elevator. Smanter Stret, New York City.

## Radiator Covers

11. New Destgas. New Effictincy. New Savingis. An illustrated folder shows several models of steel radiator covers. wherech are available in sixteen colors and which are avalable in sixteen colors and can be had. The Hart \& Hutchisson Co.. Dept. B3. New Britaln, Cons.

## Roofing

12. Salesm Roors. Describing the Salem shingle which has the advantages of fireproofing and durability combined with the beauty of weathered shingles. Architectural Service, Johns-Manville, Madison Ave. \& 41 st Strert, New York City.

## Venetian Blinds

13. Higain Venetian Blinds. The purpose of these blinds is to diffuse the light. eliminate sun glare and at the same time provide ventilation. Drawings show how
they operate. The Higarn Mrg. Co., 5.3 they operate. The Higgin Mfg. Co.,
Washingron Avente, Newport, Ky.

Each month there will be briefly reviewed here a number of the new brochures, pamphlets and catalogs which have been issued by House \& Garden's advertisers. Address the concerns direct for this literature, or indicate by number on the coupon below the material in which you are interested . . . mail it to House \& Garden's Reader Service Bureau, Greenwich, Connecticut, and we will have these booklets sent to you at once. Where a nominal payment is mentioned please enclose your remittance in stamps.

## Gardening

## Fences

14. Anchor Cedar Fences. Descriptions and illustrations of types of Anchor Fences that not only protect but beautify properiy Anchor Post Fence. Co., Baltimore, Md. 15. Ways to Enbich Home Life. Showing by photographs how Cyclone Fences pro tect your gardens from careless stranger
Cyclone Fence Co., Waukegan, Ill. 16 Dugors Woyen Wood Fencrs, Illus 16. DUBoIS Woven worn for soiving landscaping problems. Dubots Fence \& Gardean Co., Inc., 101 Park Ave., N. Y. C. 17. Fences por Protiction and Beauty. Illustrated looklet showing several types of Page fences. Page Fence Assoc., 520 N. Michigan Ave., Dept. D16, Cuicago, Ill.

Gardening, Misc.
18. Peat Moss. Outlining the uses of GPM Peat Moss. Also a pamphlet on Driconure, a lawn and garden top dressing and soil conditioner. Atkins and Durbrow, Isc., 165 .O John St., New York City.

Seeds, Bulbs \& Nursery Stock
19. Roses. An indispensable directory for those who grow roses in their gardens or wish to do so. The color illustrations are beautiful. Bobbink and Atkins, Ruther-
gord, N. J. 20. Brand's Beautiful Peonies. A long list of Peonies, Irises and Roses. Sections are devoted both to Lilacs and Mock Oranges. Brand Prony farms. Inc., 135 E. Division St., Faribault, Minn.
21. Burpee's Bulb Book. A Fall garden guide to the best varieties of bulbs. Attractive illustrations. W. Atlee Burpee Co., 832 Burpee Bldg., Philadelphia, Pa. 22. Star Guide to Good Roses. The 1931 elition of this guide contains helpful information on Roses and makes the selection of varieties much easier. 11, PA.
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