

TEN CENTS

FEBRUARY

# The American Home



10¢

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# Announcing SCHLING'S NOVELTIES for 1929

## Offer A

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Mrs. Pierre S. duPont  
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**New Hollyhock, Double Imperator**—Strikingly effective, with large cup-shaped flowers, 5½ to 6½ inches across. The outer edges elegantly fringed and deeply fringed around a very finely fringed double rosette about 2 inches across suggesting a giant crested Begonia. In many charming tints of salmon, cream, rose and yellow, etc. Pkt. 50c; 5 pkts. for \$2.50

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*Contents*  
for  
**FEBRUARY, 1929**

VOLUME I

NUMBER 5

PAGE

A Little Polish Home In New England . . . . .	382
Wolf Pits: a Remodeled Studio-home <i>Constance Blake Sanders</i>	383
What to Look for When You Buy or Build . . . . .	<i>R. S. Tilden</i> 385
The Home of Mr. Paul E. Bessire . . . . .	<i>James Jennings Bevan</i> 386
Shrubbery Planting for the Colonial . . . . .	<i>H. R. Sebold</i> 387
Three Houses of Distinction <i>H. L. Coggins and Schultz &amp; Warriner</i>	389
To Own or To Rent? . . . . .	<i>Roger B. Whitman</i> 390
What My Home Means to Me An interview with Neysa McMein <i>Wilma Van Santvoord</i>	391
Doorway Suggestions . . . . .	<i>Franklin Scott</i> 392
Building for Health . . . . .	<i>Norman J. Radder</i> 393
Blending the Old and New in Furnishings <i>Matlack Price</i>	394
Now See Your Own Finish . . . . .	<i>Henriette Weber</i> 395
When We Go a Furnishing . . . . .	<i>Lucy D. Taylor</i> 396
Decorative Lamps for Comfort . . . . .	<i>Grace L. Daggett</i> 397
Outfitting the Kitchen for Convenience <i>Virginia Nixon</i>	398
New Walls for Every Home . . . . .	<i>A. Louise Fillebrown</i> 399
Aids for Cleaning Day . . . . .	400
Decorative Bedspreads . . . . .	<i>Marjorie Lawrence</i> 401
Correct Service for Your Daily Three Meals <i>Eleanor Wells</i>	402
Your Clothes Closets . . . . .	<i>Margaret Harmon</i> 403
Making Your Own Trellises and Arbors <i>H. Rossiter Snyder</i>	404
Annuals for Everyman . . . . .	<i>Leonard Barron</i> 405
Making More of Your Favorites . . . . .	<i>Alfred C. Hottes</i> 406
Better Delphiniums . . . . .	<i>F. F. Rockwell</i> 407
Keeping a Secret . . . . .	<i>Paul Glenn Holt</i> 408
The Garden Tool Chest . . . . .	<i>Ellen Eddy Shaw</i> 409
Keeping Ahead of the Insects . . . . .	<i>P. T. Barnes</i> 410
An Indoor Water Garden . . . . .	<i>A. B. Walker</i> 414
Start Early and Arrive Sooner . . . . .	<i>I. George Quint</i> 416
Devices for the Home Owner . . . . .	<i>Wilma Luyster</i> 418
Hearthstone Editor's Chat . . . . .	438
Shop Windows of Mayfair . . . . .	<i>Shirley Paine</i> 460
In and About the Garden . . . . .	<i>Leonard Barron</i> 470
National Garden Association . . . . .	472
Garden Reminders . . . . .	482

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Photograph by George H. Van Anda

## THE AMERICAN HOME

The Need

for a

Home-making Ideal

IT IS not to be believed that the American people as a whole can be accused of a lack of home sentiment, though modern social and economic conditions appear to militate against it. The songs and the poetry of America are filled with it. It is one of the common traditions of our mixed race. Only among the nomadic tribes of city flat-dwellers do we encounter a loss of the home-making instinct, and even there it sometimes appears, perhaps in pathetic form. The potted geranium on the window sill of a poor tenement usually means that a home-loving heart dwells within.

The making of a home is so much a part of our everyday existence that sometimes we fail to recognize its supreme importance in our lives and in the life of the nation. We celebrate the achievements of soldiers and statesmen, but it is the home-makers who have built up the country. The inborn yearning for a home is perhaps the strongest incentive to progress that functions in our individual and national development.

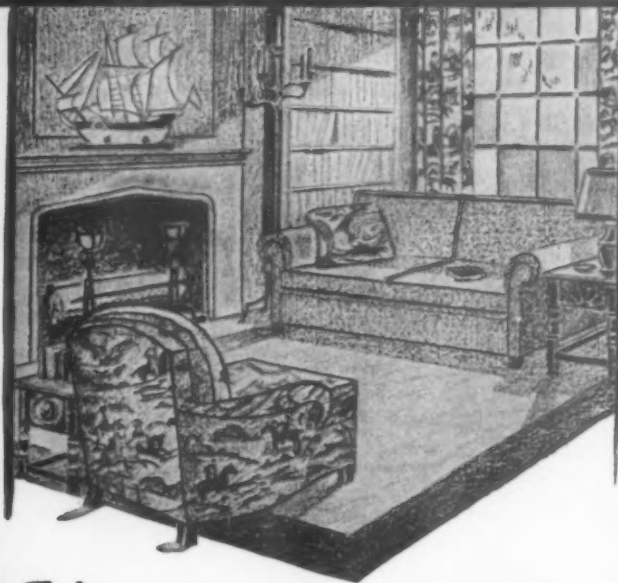
Home-making deserves all the earnest thought that we can put upon it. In the home the ties of human brotherhood are most closely drawn. In the home we may cultivate peace and beauty. In the home, if anywhere, thrive the ancient virtues of unselfishness, kindness, contentment.

Everywhere in the land to-day there is an ever-increasing interest in home building. Thousands of small detached houses are being erected, each with its lawn and garden to serve as the temples of family gods. For a time it seemed as though the home were being given up for apartments and hotels, as though something fine and sweet and wholesome and staunch had departed from our national life forever. City life was overshadowing country life, and the small town family as a permanent establishment appeared to be on the wane.

This, however, was unjustified pessimism, for while the pendulum did swing city-ward, while noble old homes built for families, for their children and children's children, were being abandoned, this same pendulum has begun the backward swing. Never in the history of this country has there been such a nation-wide home-making activity. This means not only large mansions and costly homes; it means instead the small home built by the wage earner with the small budget, the surest keynote to a nation's life and future.—WALTER A. DYER.

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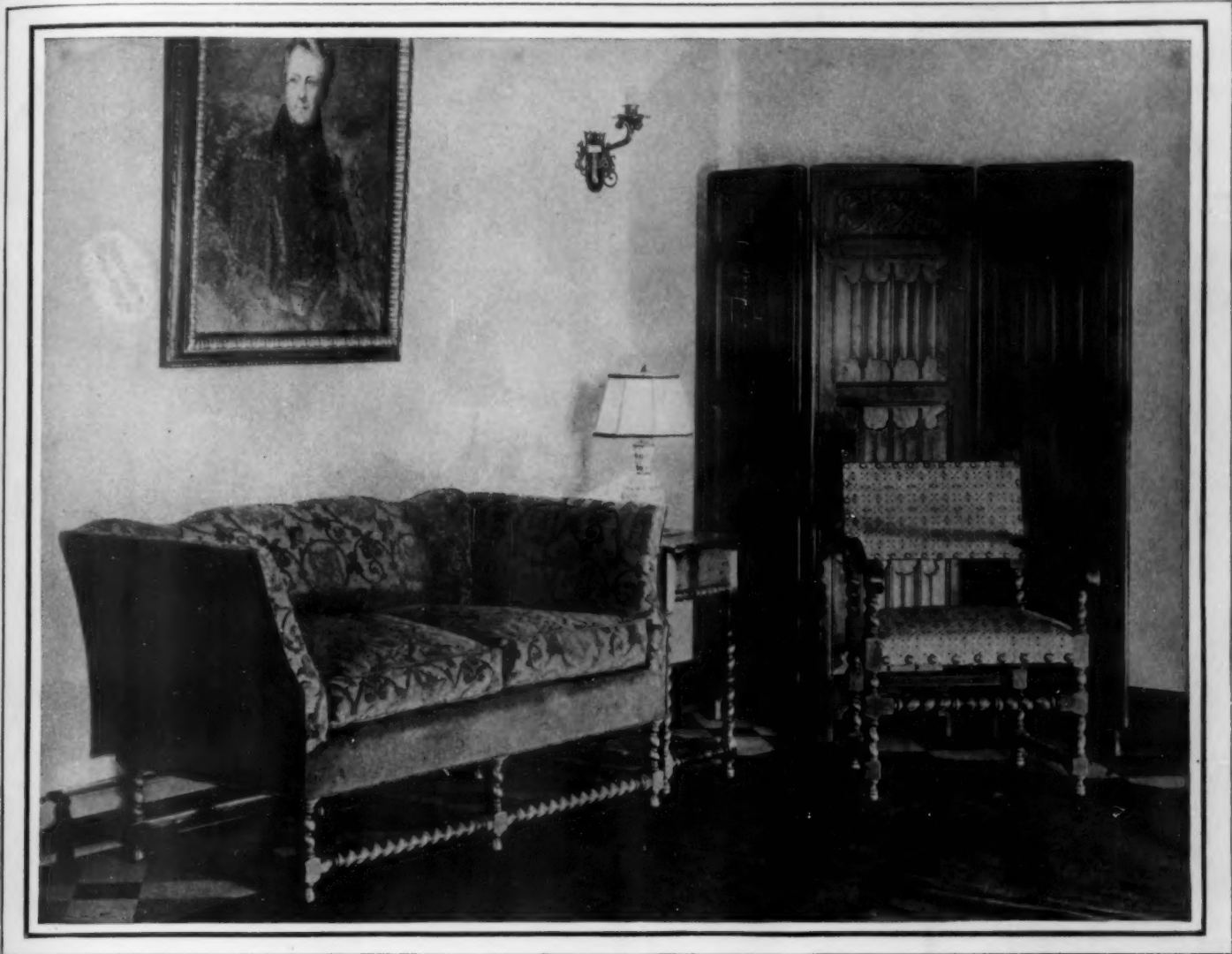
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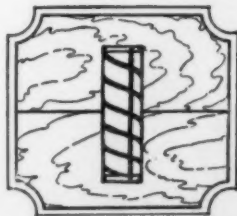
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## How can I make my own living-room more inviting?

A RECURRING problem is to improve your living-room. Home activities center there... comfort is essential. Friends and guests assemble there... dignity and charm are necessary.

Do you wonder why you tire of your living-room? ... feel the urge for some noticeable change? Look to your furniture. Nearly every early American home had pieces, sometimes of heirloom value, always in good taste, and always gratifying.

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# KITTINGER

Distinctive Furniture



*Photograph by George H. Van Anda*

## A LITTLE POLISH HOME IN NEW ENGLAND

*Looking across the lagoon to "Wolf Pits,"  
the interesting home of the artists, Emilia  
and Jadwiga Benda, described on the op-  
posite page*



# THE AMERICAN HOME

FEBRUARY

1929

## Wolf Pits: a remodeled studio-home

*An unusual dwelling that holds many helpful suggestions—and all for under \$8000*

CONSTANCE BLAKE SANDERS

IT WAS a little touch of homesickness and the love of their native land that inspired the builders of this quaint studio-home called "Wolf Pits." Set in Hopewell Lane on the Dodgingtown Road (there is a story back of this name, we are sure!), near Bethel, Conn., is this unusual house, a genuine copy of a Polish country home. And here live two famous Polish women, Jadwiga and Emilia Benda, the sisters of W. T. Benda, the artist, whose masks are known to all of us. A little group of home-loving people, born and brought up in Poland, they had come to America for freedom of expression, for freedom to cultivate their art even as had their illustrious aunt, Madame Modjeska.

But the American houses were not *home* to them and so they decided to design and build a house for themselves, one that should be both home and workshop, a house rich with color, a house whose doors and doorways should be carved and painted, a house with open shelves for gay pottery and dishes, a house with wide windows and quaint corners.

Curiously enough as they searched for just the right spot in which to build this little new home, they found a small isolated New England settlement with the quaint name of "Wolf Pits." Now "Wolf Pits" happened to be the name of a small mountain town in Poland, where the Benda family in happier times used to spend many joyous summers.

Delighted to find the name of their familiar little Polish town here in this new land, this spot was at once decided upon and the house itself when built was to be christened "Wilczdoly" mean-

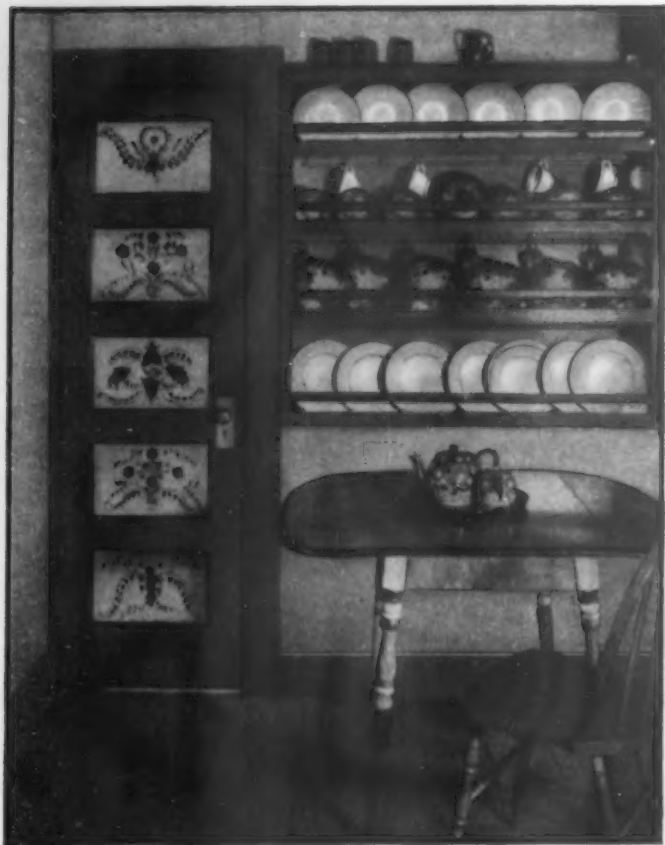
ing "Wolf Pits." It is a great distinction to be classed as a "Wolf Pitter"; one of the privileges (if you can only see it as such!) which accompanies this distinction is that you may be buried free of charge in the Wolf Pits cemetery.

When these artists first thought of having their studio in this little country town, they felt that half the pleasure would be lost if they let someone else design it for them. Even before they bought their land they had spent many an evening making floor plans and sketching exteriors, so that when they were ready to build they knew exactly what they wanted. They were fortunate in finding in this town of their adoption a piece of woodland property with two springs on it and an old house with a good well. Although the house was over a hundred years old the foundations were in good condition and were used for the new building, thus saving the cost of excavating. Another saving was effected by building it during the fall and winter months, for the contractor was willing to give much lower rates because he was glad to keep his men occupied during the slack season.

The foundation of this old house measured 21 x 46 feet, and using this as a working basis the floor plan was made to conform to this size, but it was most puzzling to know what the height of the building ought to be. By comparing the proportions of a number of houses a height of 24 feet was



*Silken hangings and richly hued panels over the balcony rail screen the bedrooms above the great stone fireplace. A corner of the colorful living room at "Wolf Pits." (Photographs by George H. Van Anda)*



*As decorative as the yellow, blue and black pottery at its side is this painted door so typical of the Polish country house*

*In this corner of the living room the colors are in the richest peacock tones. The table chair is especially lovely in black and gold lacquer. On the wall is one of the famous "Benda" masks*



decided on. This gives a 16 foot ceiling to the studio which is ample for any artist, and makes a well proportioned room. On this foundation they planned a four room studio building, with two bedrooms in a balcony overhanging the studio living room 21 x 22 feet and a kitchen on this main floor. Of course, there must be a wide hospitable fireplace, and back of this they designed a winding stair leading to the balcony where there were to be the two bedrooms, connected by a bath, one bedroom 17 x 10 feet and the other 12 x 7 feet 3 inches. And so the house was built.

**I**F you are ever so fortunate as to find yourself in Hopewell Lane, follow the windings of this almost forgotten thoroughfare. You will suddenly be surprised by the sight of the glimmering water of a peaceful lagoon, shadowing in its depths the many shades of green from the overhanging trees, and if you follow the footpath you will come to the doorway of what seems to be Poland itself in America!

Here, set back a little from the water, nestles the house, very gay with its carved and painted doorway in its setting of many flowers, for the old field about the original house has been turned into a flower garden of rare loveliness. The house has a low curving roof, typically Polish, which sweeps down over the built-in porch, where the arched supports of the roof follow the custom of all Polish country houses and are hewn by hand and fastened together with wooden key pegs. A low circular stone well is set in the center of the porch with unusually artistic effect, an effect truly of the Polish homeland!

The shingles of the house are stained a soft brown, with the trim of the windows and doors picked out in a dull green. The front door is the most important feature of the house and forms its chief decoration. It is built with generous proportions, indicative of the hospitality of a bygone generation and of another land. The inset of the archway is a hand carved lunette, rich in coloring and design. This is Miss Benda's own handiwork and the detail shows a spreading tree of decorative design with a wolf on either side silhouetted against the sky line. This is colored in deep blues and greens, with a background of darker blue.

The front door opens directly into the studio, and facing one as he enters is the north window looking out over the Connecticut hills. Combination living room and workshop as it is, everywhere there are examples of Miss Benda's work—carved and painted panels in her favorite peacock colorings with backgrounds of gold, rich (continued on page 446)





*This little Pennsylvania dwelling was built in a residential section where the questions of gas, electricity, water, sewage, zoning, and so on, had already been considered. (R. Brognard Okie, Architect)*

*Philip B. Wallace*

## What to look for when you buy or build

*Practical suggestions to those considering the purchase  
or building of a home*

R. S. TILDEN

**T**HERE is no question but that a home means considerably more than just a place to live in. And, because it is to be permanent and will make demands for and receive more than temporary interest, all factors affecting it must be investigated in order that the final choice may give lasting satisfaction.

There are three major questions having to do with this selection, whether you build or buy a dwelling already constructed. These questions are identical with each family regardless of its wealth, or lack of it, its position in the social scale, or the plan, arrangement, or size of the home. These three are: first, the location; second, the certainty that you will actually own the property; and third, that the cost to live in the projected home is within your means.

Taking these in the order named, the

location must be judged from many angles beside the desirability of the outlook and the kind, variety and quality of the trees. For example: is the property located on a paved street, and if not, is this street to be paved or surfaced, when, and by whom? Certainly if you will have to build a section of road the land is not worth as much as another parcel where the roadway is completed.

Again, are sewers installed and connected to the system of the village, town or city? The cost of a modern and separate system of sewage disposal for the ordinary home is not great but often presents difficulties not foreseen by the layman, and certainly the cost is an item to be counted.

Water, gas and electricity are usually

present or arranged for, especially in land being developed by a real estate organization, but the lack of their ready accessibility to the particular plot you choose may be quite expensive.

The distance and means of transportation to schools, stores, churches, etc., as well as to the homes of friends in the vicinity should not be overlooked. The future development of the town as well as the immediate neighborhood is of real concern. This is not mentioned with the thought of later increase in values as we are talking of permanent dwellings, but to try to answer the question "Will the surroundings twenty years hence be more or less congenial than they are to-day?" One help in solving this question is in examining the restrictions as to houses which may be erected on nearby property.

*(continued on page 442)*

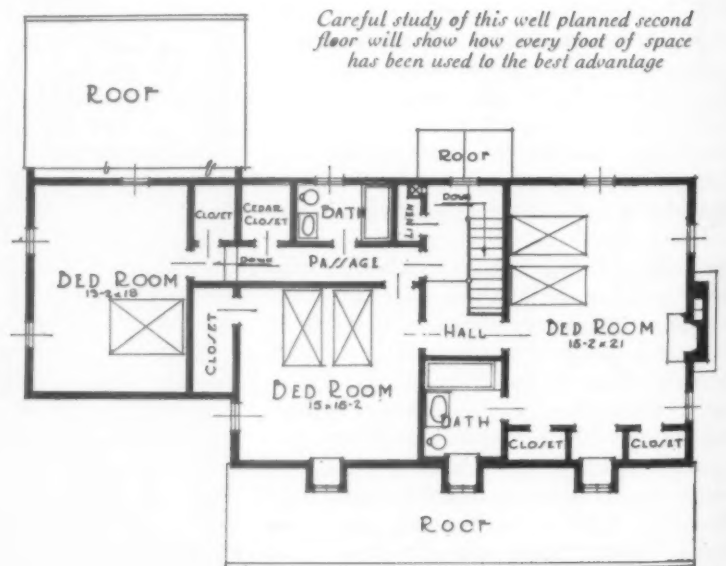
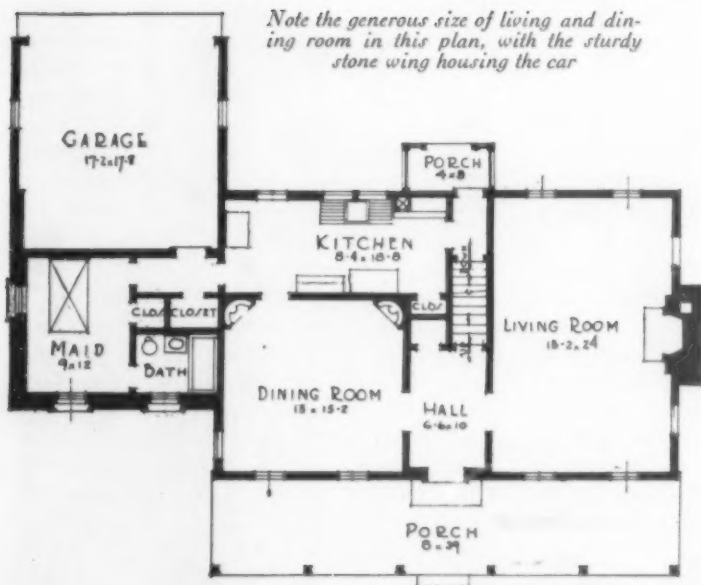


*This type of dwelling built along Dutch Colonial lines seems particularly adapted to present day needs. Snuggled close to the ground, it bespeaks comfort and livability in its every line and each carefully executed detail.*

## THE CHARMING HOME OF MR. PAUL E. BESSIRE

Built at Crestwood, New York

JAMES JENNINGS BEVAN, *Architect*





# Shrubbery planting for the Colonial

*An inexpensive shrubbery planting for the house  
shown on opposite page*

H. R. SEBOLD

THE grounds of the house shown in the photograph on the opposite page have been planted in a quite satisfying manner, yet other types of planting are possible. It is not likely that any reader will either build or buy a house identical with this one in size and design, but the principles of planting composition involved here will be found underlying many home planting schemes.

This house is Dutch Colonial in feeling and its porch is reminiscent of Southern Colonial porticos. Immediately, there come to mind Southern homes with foundation plantings practically limited to a few large Box specimens which express dignity, restraint, and stability. Herein then is found the key to a planting arrangement. Associations suggested

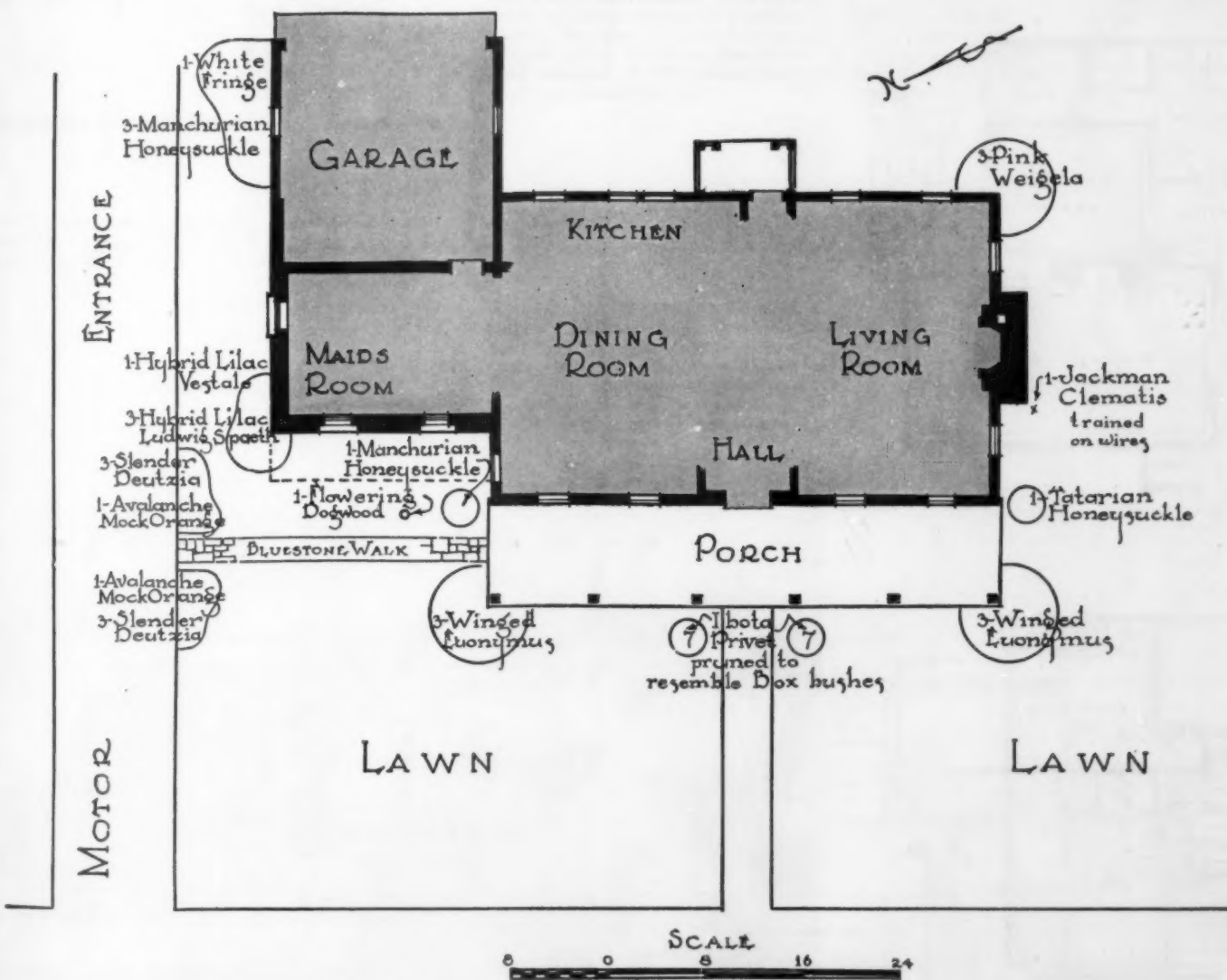
by architecture should never be disregarded in making planting plans. The next step is to visualize the sort of picture to be striven for in this particular instance. The entrance door should be considered the center of interest and a circular composition arranged around it. This would mean that the material on each side of the walk at its junction with the porch would be lower in height than that used at the corners. The planting used around the service wing of the house should be subordinate to this main composition and not conflict with it in mass and proportion.

Having the kind of composition in mind, consider the plants to produce it.

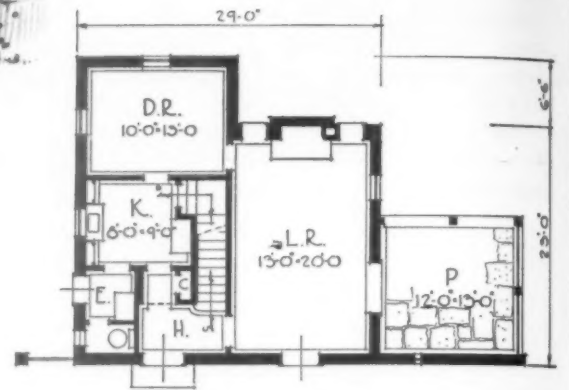
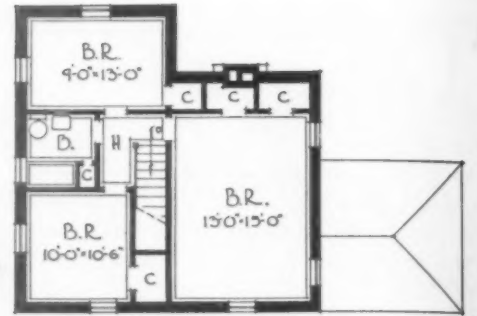
Box being expensive in effective specimen sizes and being reliably hardy in the latitude of New York only with considerable protection, Ibotia Privet may be very successfully used instead. If seven plants one to two feet high are planted, six in a circle and one in the center, on each side of the walk at the porch, they may be pruned to resemble Box bushes in outline and mass and be almost equally effective.

Weight and horizontal lines but with more freedom of growth may be secured by the use of Winged Euonymus at the porch corners.

Old heavy growth must be removed each year from the bases of the plants in order to prevent their growing too large but no pruning *(continued on page 476)*

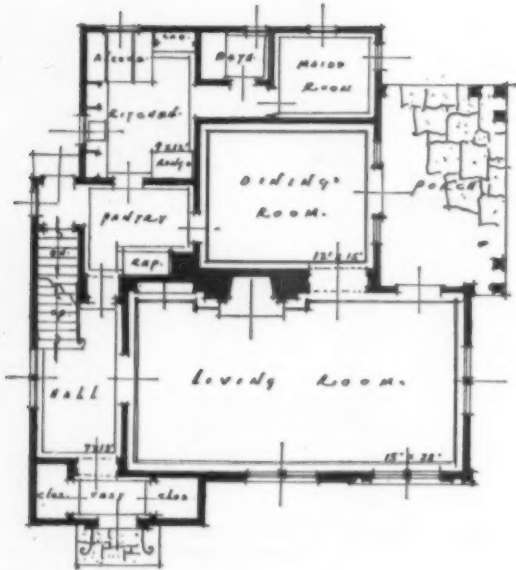


*Suggestions for a quite different planting of the Dutch Colonial house on the facing page, planned in harmony with its architectural style*

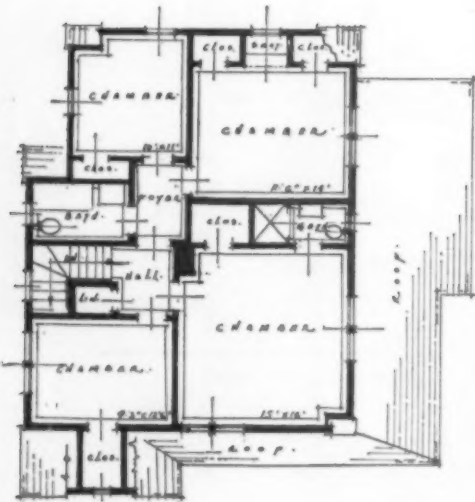


This little Norman house with white-washed brick veneer walls and chimney, colorful slate roof, all exterior woodwork weathered gray, can be built for \$12,000. H. Lawrence Coggins, Architect

The plan arrangement (above) of the Norman house designed by Mr. Coggins is unusually compact and convenient for the small house



Built for \$14,000, this house of early American inspiration shows an interesting combination of brick and shingle construction. The floor plans at left have been carefully developed to afford rooms of good size with many conveniences. Designed by Schultz & Warriner







With its half timber and brick construction this well designed home suggests the English type adapted to American conditions. Moreover, it is the type of house to which additions can easily be made. At left a garage could

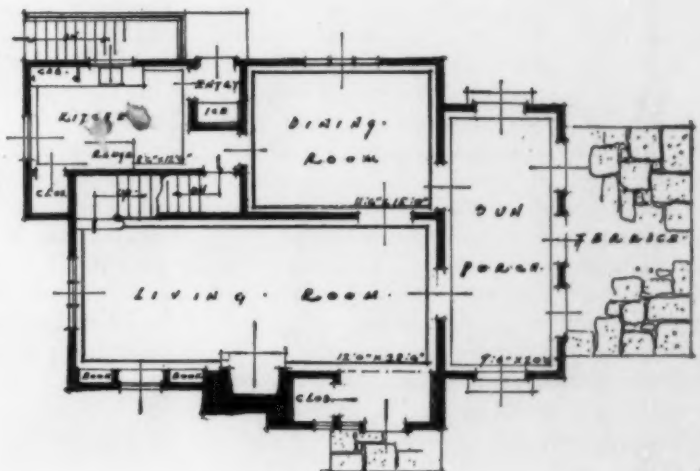
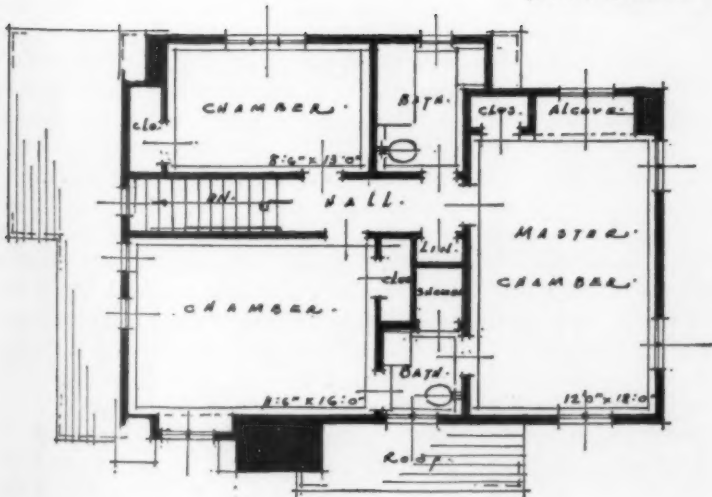
be added with sleeping porch above. The terrace could be turned into a library and a sunroom added at the rear of the dining room if desired. (Designed by Schultz & Warriner)

## THREE HOUSES OF DISTINCTION

Specially designed for The American Home by

H. LAWRENCE COGGINS AND SCHULTZ & WARRINER

In these floor plans for the house shown above the living room swings across the house front with the large chimney making possible a convenient nook for coats





*Such a charming little home is not beyond the reach of any family with a small income, for there are many ways of financing such an investment. (Common Brick Mfrs'. Assn.)*

## To own or to rent—there is no question

*Put the monthly rent money toward a permanent  
home of your own*

ROGER B. WHITMAN

**A**S THE purpose of a building and loan society is chiefly to provide money for home ownership, it is a matter of course that most of the members will have this object in mind, and are either paying for houses that they occupy or are saving for purchase or construction. But behind a desire to own one's home there must be a definite course of reasoning, and it was to learn how and why people come to this conclusion that one of the large associations recently sent to its members a questionnaire that asked for information on this point. On the surface the question is trite, for it would be difficult to understand why, given the option and free from special conditions or needs, a family should prefer to rent its living quarters rather than to own them.

The many hundreds of answers that were received gave a real insight into the underlying urge for home ownership. Some of them bore on the material aspects: the enforced savings, the building up of an investment, the getting of a tangible return for money spent, and the actual economy of it. But by far the

greater number of reasons lay deeper: a duty toward the children and for their greater comfort and safety, personal privacy and freedom, a sense of achievement in gaining a definite and recognized standing, the pride of ownership and the satisfaction of attaining it, and, more than any other, freedom from the dictation of a landlord. "For the same reason as owning my own toothbrush," said one member, and another evidently spoke from bitter experience in wanting "the right to play the piano all night, if I choose."

The results of the questionnaire proved the belief that the desire for home ownership was far more of the spirit than of the body, which is, of course, quite as it should be, for family and home are one and the same thing and the essence of life and of its purposes.

Granting that ownership is more desirable than renting, the immediate question is of ways and means, which brings out the fundamental fact that while both require the payment of definite charges

at regular intervals, the buying or building of a house must begin with the laying down of a substantial sum in cash. As a general thing, cash is accumulated through savings, and as this involves time, there is thus a period when there is no option but to rent.

It is usually considered that the cash payment should not be less than 20% of the value of the house and lot, which makes necessary the forming of an idea of what this value should be. There are two ways to get at this, one being that the price paid for house and lot should not be more than 2½ times the annual income. It is every-day experience that the expenses of owning and occupying a house will increase with its cost, as, for instance, the larger grounds around a higher priced house will call for greater expense in their upkeep, and the house with larger or more rooms will cost more to heat. The expenses involved in owning a house costing more than this ratio will be so great that the remainder of the income will not meet the needs of the family. This ratio, however, is only a very general guide, (continued on page 434)



# What my home means to me

*An interview with Neysa McMein  
and a peep into her lovely home*

WILMA VAN SANTVOORD

**H**IGH on a bluff overlooking the Sound, at Sands Point, Port Washington, Long Island, nestles the charming home of Neysa McMein. Here live in peace and enjoyment of country sweetness and relaxation, the well known artist and illustrator, her husband, Mr. John G. Baragwanath, and her three-year-old daughter, Joan. From May until November every week-end and almost every evening and very warm day, the chance caller will find Miss McMein at home, mistress of her house, planning and directing, busying herself with *(continued on page 440)*



*Simply furnished and with a dignified restraint, restful in every detail, the living room strongly reflects the personality of its artist-owner, Miss Neysa McMein*

*Of French inspiration, modified to fit the Long Island landscape, is this friendly home of Neysa McMein, at Port Washington. Photographs by Richard Averill Smith*



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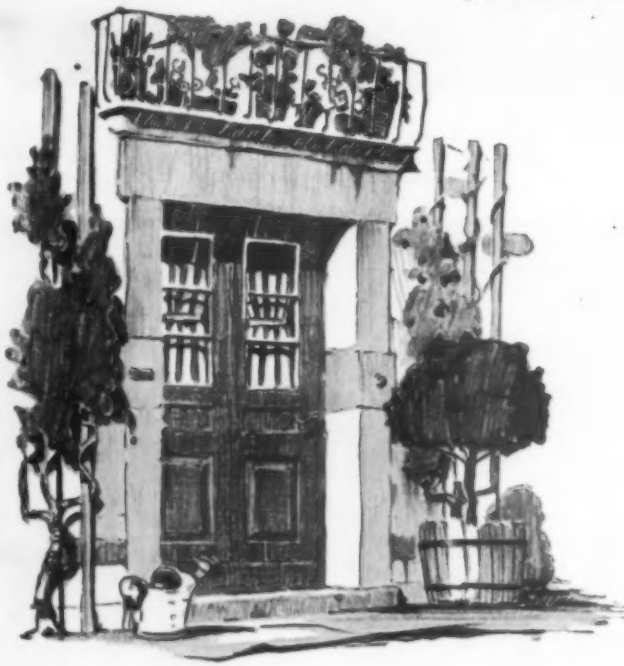
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## DOORWAY SUGGESTIONS FOR THE MODERN HOME

Designed by FRANKLIN SCOTT



*Wide open shutters frame an inviting doorway for a small house in the Italian manner*



*Colorful flowers in the balcony and bright curtains at the windows enliven an informal doorway for the masonry house*



*Nothing is more sparkling than white woodwork in a red brick wall, and a suggestion of railing is always friendly*



*A rather more severe entrance and a wide doorstone is appropriate for the truly American house*

FRANKLIN SCOTT/29



# Building for health

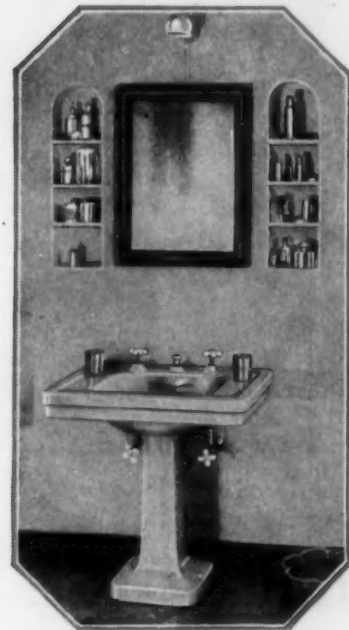
*Safeguard your family's health  
by careful selection of  
plumbing fixtures*

NORMAN J. RADDER

*A modern bathroom in which the  
medicine shelves are cut into the wall  
in interesting design*



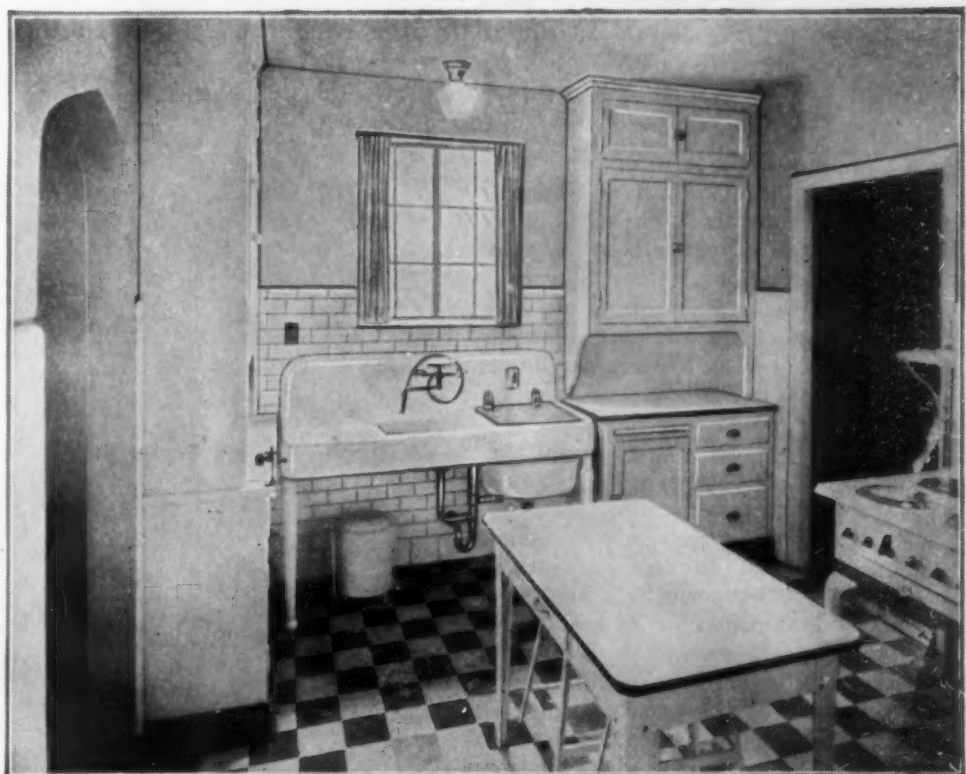
*A corner of a small bath which may also be used as a dressing room, so attractively is it furnished and so carefully chosen is the plumbing*



**T**HE first American bathtub was built in 1830. It was made of mahogany and was 7 feet long and 4 feet wide. It was lined with sheet lead and weighed more than 2,000 pounds. The invention was not popular. Boston City authorities made bathing unlawful and Virginia put a tax of \$300 on each bathtub.

To-day the American public is buying 1,500,000 bathtubs a year. The American bathtub has replaced the locomotive as the advance guard of civilization, for America leads the world in sanitation.

With the increased appreciation of the need for adequate plumbing equipment has come an increase in the variety of styles and types of fixtures available. This has had the unfortunate effect of confusing the public. The impression prevails that a tub is a tub, no matter what the price or by whom installed. The mystery surrounding *(continued on page 432)*



*Kitchen plumbing, as well as that of the bathroom, is an important factor in the family's health*



*Where old and new furnishings dwell in harmony*

## Blending the old and new in furnishings

*Modern fittings that lend distinction to old things*

### MATLACK PRICE

**M**ODERN furniture and decoration now have emerged from the pictured stage—from the stage of being seen only in magazine illustrations, or in exhibitions. Stores everywhere are showing *art moderne* (or any of the various names it goes under) and what, the average home furnisher wants to know, are we going to do about it? Must we refurnish our homes entirely if we wish to adopt the modern manner? Or can it be blended with the old and more familiar forms?

The problem involved is very definitely a challenge to our decorators. Theoretically, they will tell you, the modern style depends for its best effect on the complete ensemble, beginning with the architectural setting and thence going through wall treatments, furniture, floor coverings, lighting fixtures, draperies and decorative accessories. Such a



program obviously presupposes that one is furnishing entirely newly, or is in a mood and a position to discard existing furnishings completely in favor of modernalia.

For many of us, this is supposing a good deal. We may not, for any of several reasons, be prepared for quite so radical a transformation, even if we are really intrigued by the new furniture and decorations. Perhaps we have taken a strong fancy to a modern davenport with its box-like end tables; perhaps there are two or three modern chairs we would like to have, or a bookcase or desk in the modern manner. Can a few such odd pieces be made to live in harmony with the older things we have, or with furniture of any period type? (continued on page 502)

*A small group where modern and old pieces combine. Photographs on this page by courtesy of T. Eaton Co., and R. H. Macy & Co.*



# Now see your own finish!

*Paints and lacquers to transform furniture old and new*

HENRIETTE WEBER

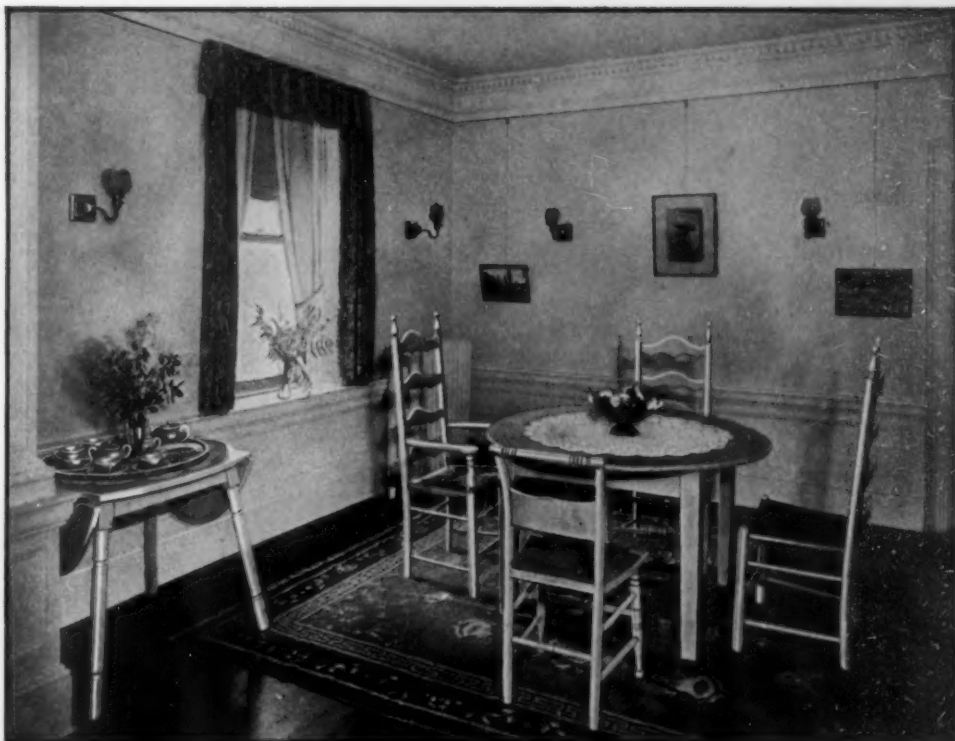
**T**HE subject of unpainted furniture (or "unfinished" furniture, which is the way the manufacturer designates it) sets us right down in the midst of a whirring field of activity. Unfinished furniture has to be "finished" before it is fit to live with, and the question now before the family is—finished by whom, and how?

Why, by you yourself, of course. That is, if you have the courage of your color convictions, and are not afraid of a paint brush or the nice little spraying arrangement with which you can lacquer a surface into a finish that certainly looks professional.

Any discussion of furniture in the unpainted state must naturally include not only new furniture in the natural, unfinished

*A flight of inexpensive bookshelves, including a small desk, easy to move because it comes in five separate units. This also makes possible a rearrangement to suit any space or type of room.*

*(Milo A. Guild, photo.)*



*An attractive breakfast room, with furniture painted in light green. Both tables are plain and inexpensive types. The John Alden "ladder-back" chairs, and the Hitchcock "pillow-back" have rush seats*



wood, but also furniture not new, which is to be painted or repainted, to suit our growing color complex. The fascinating thing about it is that it brings us at one bound into the provocative field of individual creative effort. We must therefore look at this problem not merely from the angle of new acquisitions, but of what we may do in transforming certain of our own possessions into new pieces, of new appearance, and sometimes even new uses.

Unpainted furniture, like all other furniture, has a varied price range based on the degree of craftsmanship involved and the quality of material used; but for the most part it is remarkably inexpensive as compared to a great deal of "finished" furniture of an inferior grade of workmanship and certainly of inferior design. At first glance many persons think of unpainted furniture as representing a kitchen table and chairs, and nothing else. This is because this very homey part of the house has for years boasted of its glistening coat of washable white paint with its obviously "clean" appeal, (continued on page 450)

*Painting all pieces in this room a deep gray makes them harmonize. The bed with fluted posts, is Colonial. The tendency to fussiness in the chairs is accentuated by a floral design which repeats the colors in the wallpaper*





*The character of the odd piece of furniture added to the already furnished room must depend upon what you already have. Above the sturdy desk, chairs, even the lamp are of the same proportion and harmonious*

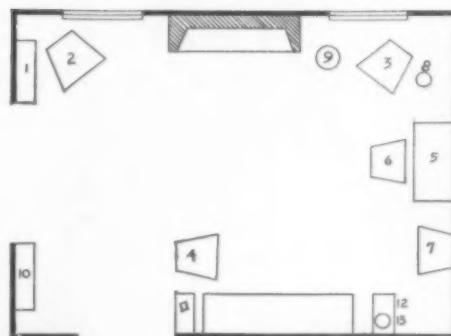
## When we go a furnishing

*The wisely chosen piece that fills the gap—  
buying for added beauty*

LUCY D. TAYLOR

**W**HAT can I do when it is impossible to change all of my furniture? I know it is not good, but I can buy only one or two pieces now and possibly no more for a long time. What should I buy?"

At some time during our home or apartment careers this question faces the majority of us with more or less vividness according to our sensitiveness to the present beauty in our surroundings. And what *can* we do about it? The answer is not always found easily—but there is always something that can



*Suggestions for pleasant "living groups,"  
the key of which is given on page 424*

be done to the marked improvement of the entire room effect. It is one story to have a comfortable income with ample allowance for changes of mind in our decoration, but quite another tale when we have to conserve every item already in the room in order to have a sufficient number of pieces to make it even habitable. The addition of new pieces to go with old ones—not as handsome as they might be—is a distinct problem. And it is on this problem that I am going to try to give you some assistance this month. (continued on page 420)



# Decorative lamps for comfort

*Lighting your home for beauty and convenience*

GRACE L. DAGGETT

**N**O MATTER how attractively furnished a room may be, it can always be improved by interesting lighting supplied by the studied use of shaded lamps. While lighting fixtures play their part in the decorative scheme, the concentrated rays necessary to close attention either in reading, sewing or study must necessarily be achieved through portable lamps.

Personal comfort then is the first function the lamp must have, but there are other duties it should perform which are frequently disregarded in selection, and these points we consider.

If the furniture in the room has been properly placed, there will be several groups with comfortable arrangements for individual use. In each of these groups a lamp must have its place. It is obvious then that the lighting must balance as well as the furniture and that a variety of suitable lamps will be just as essential as a variety of chairs. How deadly monotonous to have too much similarity in these accessories. There are places, however, where a pair of lamps will create a delightful balance and at the same time provide a strong utilitarian purpose.

Now a lamp is a powerful decorative



*An ideal place for the brass and steel floor lamp has been found between settee and window. The brass bridge lamp, with amusing stagecoach design, and the painted composition lamp, are also placed for comfort in reading*

medium from every angle, because, in the first place, it is a luminous spot of color that will either agreeably reflect the color scheme or cast a gloomy spell over the entire setting. In most cases the color scheme has been chosen in daylight and therefore it will be well to keep your lighting of one general tone to simulate sunlight; and while shades may be of different sizes and shapes the same quality of light should be carried through

the room. Linings and interlinings of silk shades may be of amber hue or the warm tones of yellow, and these should be tried out by samples before the actual shade is decided upon. Except in rare cases, colored lights creating definite dark spots are not desirable.

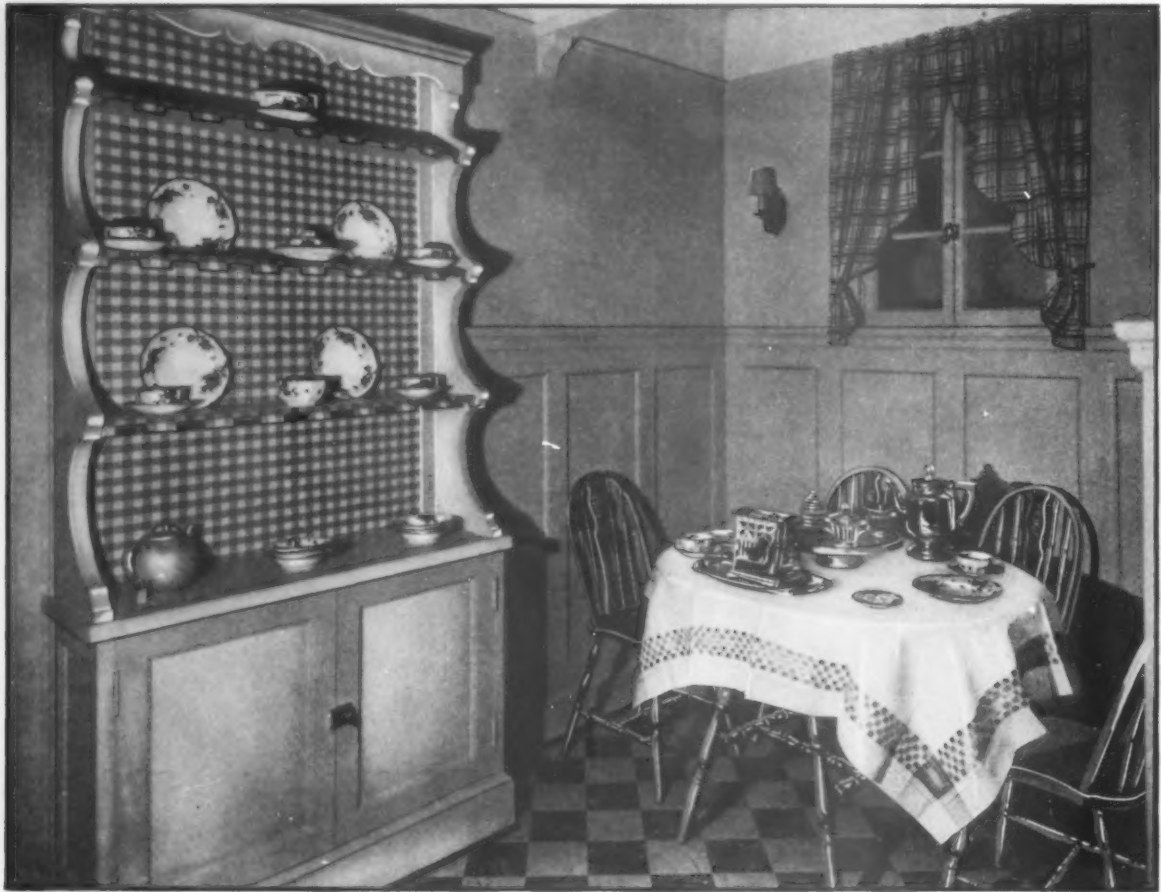
There are such quantities of attractive lamps being shown that the average shopper finds herself sadly confused in making a choice. It is advisable to remember that if there are a number of lamps in one room, they should not only be different in design and size, but if possible different in composition. For example, there are metal lamps of great variety, but in the ordinary living room too many metal lamps would not prove successful. Suppose you choose a simple floor lamp of iron trimmed with antique brass, you could still have a bridge lamp in metal, not too similar but, of course, sympathetic and appropriate in character. More interest would be supplied if this floor lamp were of tôle (painted tin) or some totally different composition.

For the table lamp you might choose a porcelain jar suitably mounted or a colored glass bowl which makes a splendid table ornament. All kinds of quaint bottles are being fitted with excellent effect as occasional lamps. Wood is even being used to fashion unusual and very decorative bases.

Lamps are among the most important of all the accessories (continued on page 436)



*Here is a cozy living room showing a pair of painted tôle lamps with shades to match which concentrate the light and throw it down on the davenport and nearby chairs*



*Kitchens nowadays with their attractive colorful appointments, electric ventilators, skilful lighting, and all sorts of conveniences, also make delightful dining nooks. (James McCreery & Co.)*

## Outfitting the kitchen for convenience

*Planning kitchen equipment that cuts the housewife's daily dozen miles, and makes her workshop attractive*

VIRGINIA NIXON



*Another workshop-dining alcove, where a slight partition divides the two compartments. (James McCreery & Co.)*

**T**HE planning of a kitchen in order to make the work in it as easy and pleasant as possible should take into consideration the size, light and ventilation of the room; the choice of equipment; and the placing of equipment.

The large kitchen is a waste of time and energy. A room with a floor space of one hundred square feet is ample for the ordinary family, and this space may be used to better advantage if it is oblong, rather than square. It should have at least two doors, one into the dining room or serving pantry, and one on the back porch. Larger kitchens may have an opening into the cellar or up the back stairs, but a number of doors should be avoided. The door into the dining room should be swinging, and should be hung to conceal as much of the kitchen as possible from those sitting at the table. (continued on page 428)



*Such careful arrangement of sink, cabinet and stove makes for easy housework. (James McCreery & Co.)*



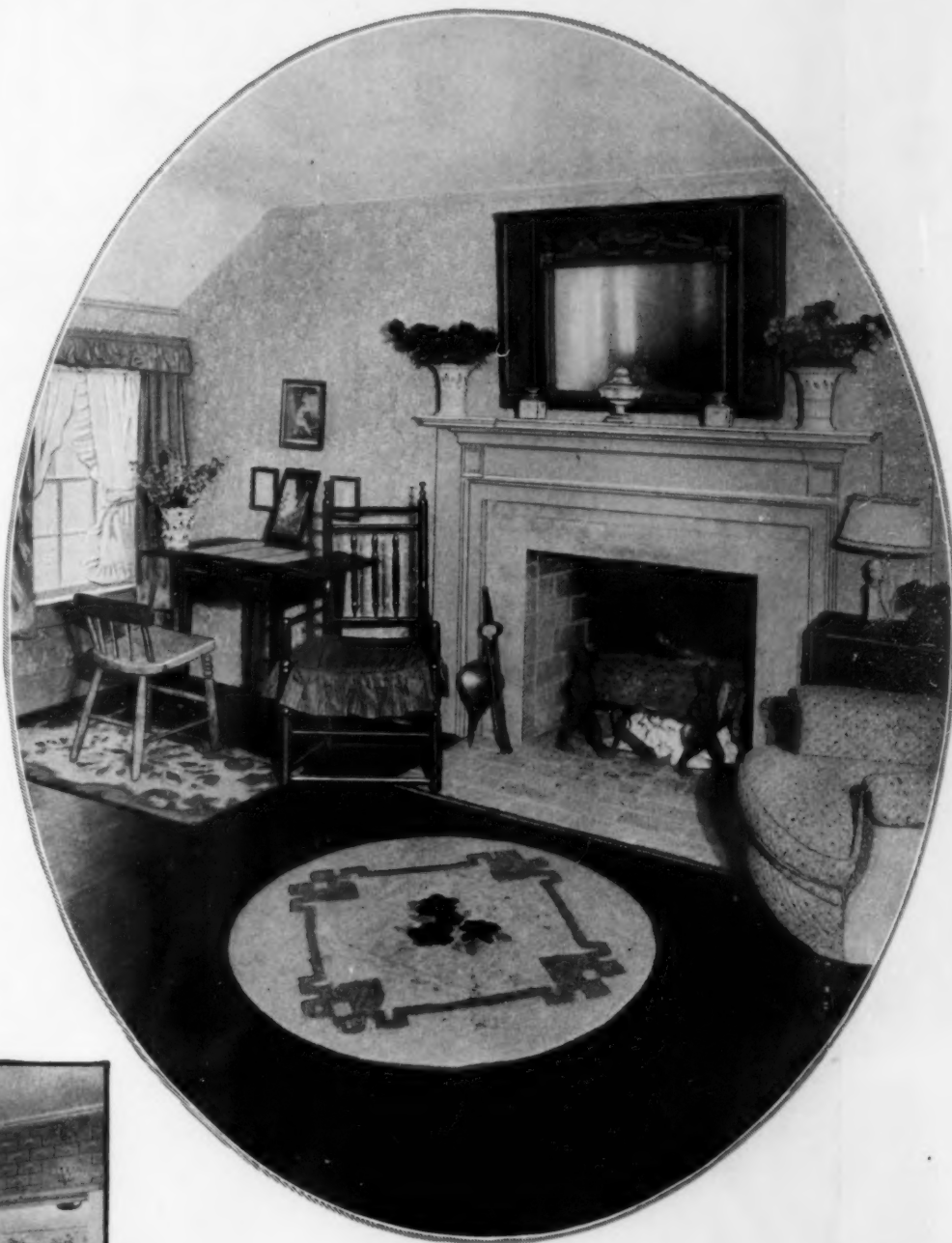
# New walls for every home

*Wallpapers of good design for all the rooms in the house*

A. LOUISE FILLEBROWN

WHEN walls and woodwork become dingy and faded, and it is time to redecorate the question always arises, "Which shall we use, paint or wallpaper?" This article is not an answer to that question; there are always conditions that sometimes demand one, sometimes the other. To-day we are discussing only wallpaper, its value from a structural standpoint and from a decorative one, and we will leave it to someone else to point out the conditions that demand plain walls, and their value and advantage over design.

Aside from their purely decorative properties, color and design properly used can do a great deal to remedy structural faults. Often we find a living room, particularly in an old house, that is well proportioned with the exception of a very low ceiling. Just as short women should select dresses with long lines, low rooms should use wallpaper with stripes or rising lines in the pattern. The paper should run directly to the ceiling line, and the ceiling should be papered with a plain color close to the shade of the background of the walls, if it is not too dark, so that the change from wall to ceiling will not be so marked.



*Thoroughly in harmony with the early American atmosphere is this small sprigged wallpaper*

Contrasting white ceilings are harsh, and many decorators have gone so far as to advocate design on them, too, claiming that they are part of the room, and should be treated as such. In small bedrooms with broken ceiling lines, and gables, where the walls are necessarily low, this treatment is excellent, especially if a small floral paper is used with no definite up and down to the pattern. Single scattered blossoms, on a light background, are delightful used on both walls and ceiling and such a plan adds both the effect of space and unity in the room. In small rooms most people think it necessary to select tiny patterns, but this is not always wise. Small close patterns with almost no background, shut in a little room, making it seem even smaller than it is. (continued on page 466)



*A copy of a famous old Colonial design is the wallpaper in this modern dining room at left*



Photograph by H. Victor Keppler

Brooms and brushes, mops and dusters, vacuum cleaners and carpet sweepers—pieces of equipment designed to make cleaning day easy for the modern housewife. The articles are of standard grade and price; and notice the little

mattress and carpet brush on the next to the top row, third from the end, which sells for only \$1.25. Photographs by courtesy of Hammacher Schlemmer & Co., Lewis & Conger, James McCreery & Co.

## AIDS FOR CLEANING DAY



# Decorative bedspreads

*Colorful bedspreads that  
spread cheer and charm*

MARJORIE LAWRENCE

**T**HE importance of bedspreads in a bedroom ensemble is something that many of us are apt to overlook. The large surface area of a bed makes a correct and attractive covering an absolute necessity. It is not essential to follow the advice of some authorities on furnishing who insist that the spread should be the focal point on which your whole scheme is based, but it is a good plan to consider your bed before your room is completely developed.

Even if you intend to devise a spread which will suit your own particular room, it might be well to first wander through the bedding sections of the larger shops. If you buy a ready-made spread, it may save you time and trouble in the long run. Even if you succeed in resisting the alluring displays which you will encounter, your pilgrimage may furnish you with an inspiration for the solution of your problem. The variety in spreads which are being shown this season is so great that it seems as though no woman should have difficulty in finding exactly the right thing, just waiting to be wrapped up and carried home.

**T**HE present vogue for quaint and simple surroundings naturally extends to bedspreads, and the coverings of Colonial times are in high favor. Every variation of the theme of the old patchwork quilt is presented in the shops in the guise of spreads. These spreads are lightly quilted, either by machine or by hand, and may be also be used as quilts. They come in percale or sateen, or in a combination of these materials, and are made in such famous old patterns as the "rolling-stone" or the "star" design. The colorings, however, are very different from the quilts of our ancestors which often presented an astonishing jumble of tones. The modern patchwork spreads employ only two or three colors, and these are apt to be pastel tints. They are hand pieced and hand quilted and are generally priced from \$17 to \$25.

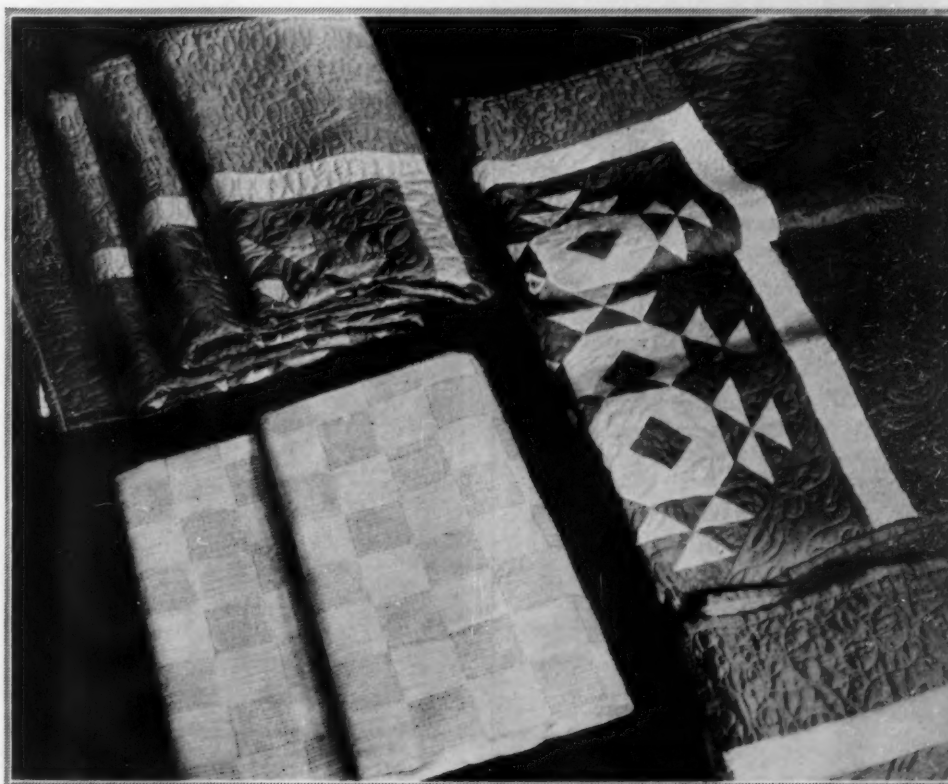
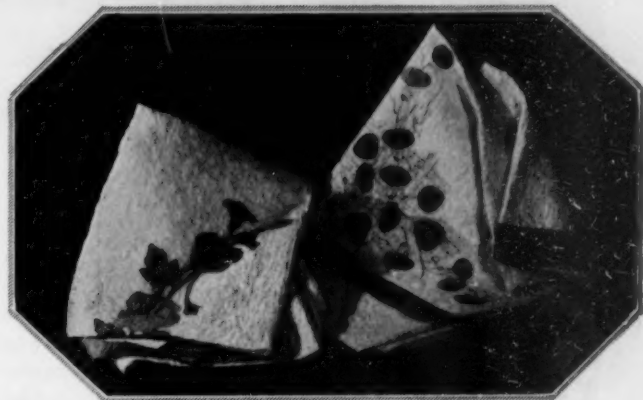
Rather more expensive are the very charming appliqued bed covers. They are also of percale, quilted by machine, with large conventionalized flowers of sateen, in one or more colors, sewed on by hand. A young girl's bedroom (continued on page 468)



*No longer need the bed appear only in plain white. To-day's bedspreads are of every color and pattern imaginable, to harmonize with every type of room. (Mosse)*

*Appliqued bedspreads which are also quilted are done in attractive floral patterns. (McGibbon & Co.)*

*Reproductions of the old hand made quilts come in a variety of colors and designs, and the modern spreads in front are a deep cream. (James McCutcheon & Co.)*



# Correct service for your daily three meals

## Knives and forks and other appointments for the dining table

ELEANOR WELLS

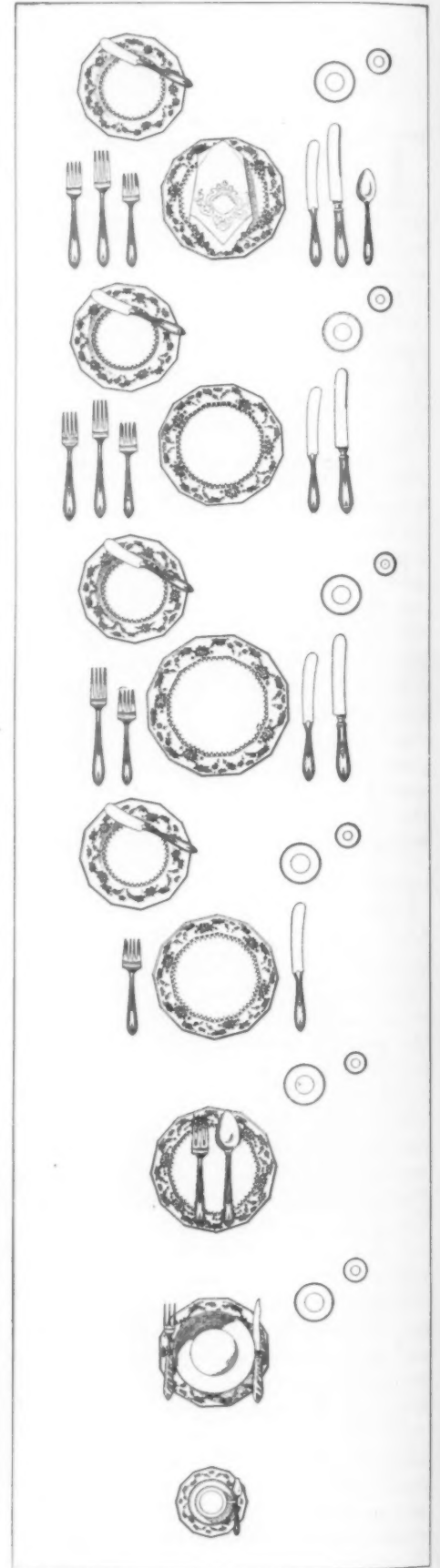
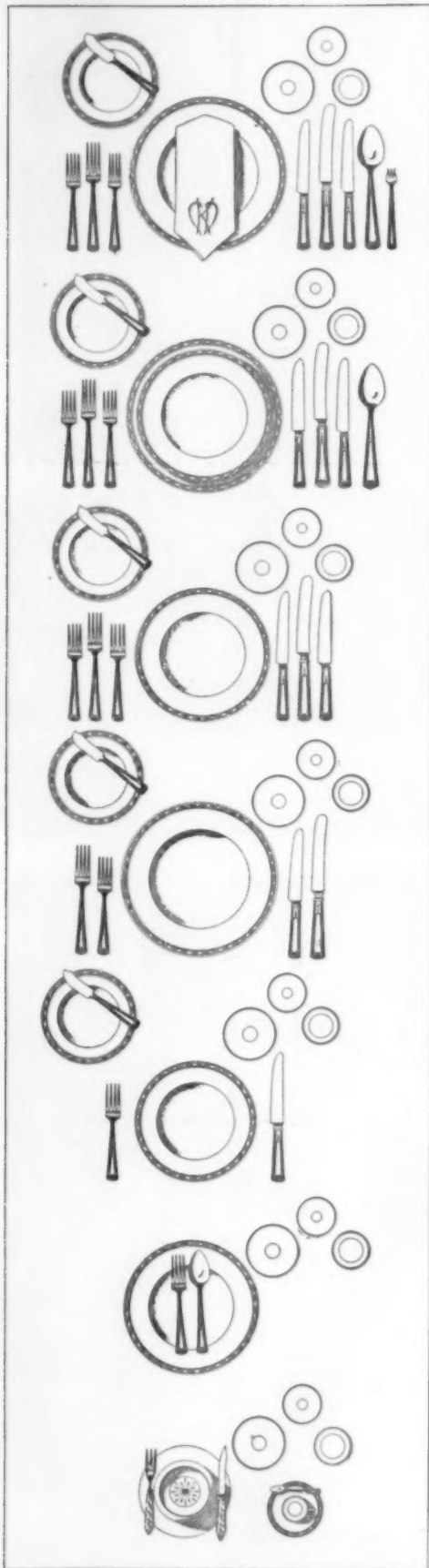
Arranged for THE AMERICAN HOME  
by B. Altman & Co.

**W**HEN the modern hostess entertains her friends in her own home, she wants, above all, to have things correct, and most especially does she want this on her dining room table!

At the left is shown the correct setting for a seven course dinner. Of course, today almost no one considers such an elaborate meal in her own home, but we are showing the correct knives, forks, spoons, glassware, and napkins for each course, any number of which may be omitted. Beginning with oysters or melon, we go straight through soup, fish or entrée, main course, salad, dessert, finger bowls and black coffee. If fruit is served with coffee a small knife and fork are set on each side of the bowl.

At right is the corresponding service for a formal luncheon where we begin with fruit cocktail or soup in cups, then entrée, main course, salad, dessert, and ending again with finger bowls and black coffee. As in the dinner service any number of courses may be omitted, providing always the appointments for each remain as shown here. When setting the table you need simply to omit the appointments not needed, always, of course, placing the dessert plate with its fork and spoon on it, and the coffee course as indicated.

The photograph below shows the correctly laid breakfast table, which may be modified according to the preferences of the family. Breakfast is usually an informal meal and the hostess serves the courses to please her guests.



The service for breakfast is simple, and seldom varies except to suit individual preferences



# Your clothes closets

*Hangers, bags, and hat boxes help to keep their owner well groomed*

MARGARET HARMON

**N**O MATTER how much or how little clothes may mean to her, every woman to-day aspires to be well groomed. In the large world of business and the smaller world of society, the woman whose apparel is in the pink of condition always feels a certain assurance in her human contacts. The greatest aid to neatness in appearance is a well kept, well planned closet.

Garments that are placed on hangers as soon as they are removed and shoes that are never allowed to stand without trees to keep them in shape produce a very different effect from clothes which are thrust willy-nilly into any hole and corner. Whether your wardrobe is extensive in scope or limited to absolute

*A simple silk material makes the furnishing of this dressing room and closet cost \$17.10. (James Mc Creery & Co.)*



*Mauve is the dominant color note in this closet furnished for \$10.25. Sprigged and plain chintz in shades of mauve are used as shelf trimming. (Stern Bros.)*

essentials, you undoubtedly want to extract the maximum of service from it. And it is equally important to you that every piece of wearing apparel shall look its best as long as it lasts. A hat which is permitted to rest its whole weight on its brim will not preserve the same perfection of outline as one which is mounted on a stand, or carefully stuffed with tissue paper and placed in a hat box. A properly arranged closet is truly worth its weight in gold. The bewildering array of accoutrements which the shops display for cupboard embellishment makes it at once more difficult and more delightful to plan one's closet. A good idea is to set aside a definite amount which you feel you are entitled to spend in making your wardrobe both attractive and useful. Then you are not so likely to run amuck on your shopping tours. At the end of this article, we have suggested three types of closet outfits, each one of which may be encompassed within a definite sum. Naturally, any one of them may serve as a basis for further elaboration.

A closet should be scrupulously clean in appearance as well as actual fact. Discolored plaster walls and a shabby clothes pole are not (continued on page 448)

# Making your own trellises and arbors

*Construction work for the home carpenter  
in late winter evenings*

H. ROSSITER SNYDER

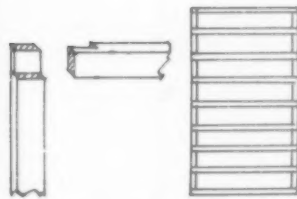
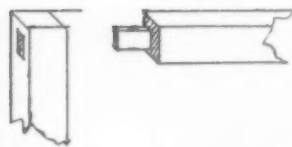
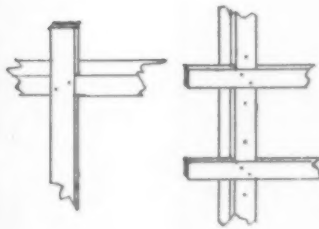
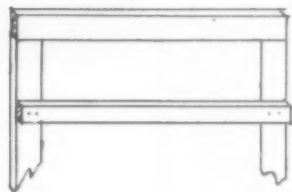
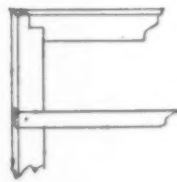
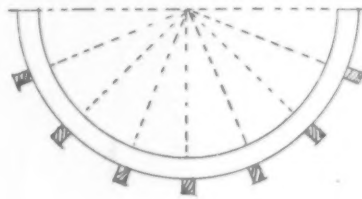
**T**RELLISES are such fun to make at home, fashioned just to fit that narrow garden walk where we hopefully watch the Dr. W. Van Fleet Rose, envisioned as a future arbor of delight! They are easy, too. There are clean "batten strips" to work with, or one-by-two inch "furring strips," or even two-by-fours of pine, cedar, cypress and other weather-resisting woods.

First the framework is to be planned, the main structural part which is to carry the load, keeping in mind the probable growth of the plant, the strain of wind pressure on sail-like foliage, and the firmness of the soil in which the frame is to be set. If the trellis is to stand upon its own strength alone, not being fastened to any wall, porch roof or fence, it will need a heavier frame than if it were to have such exterior support. On

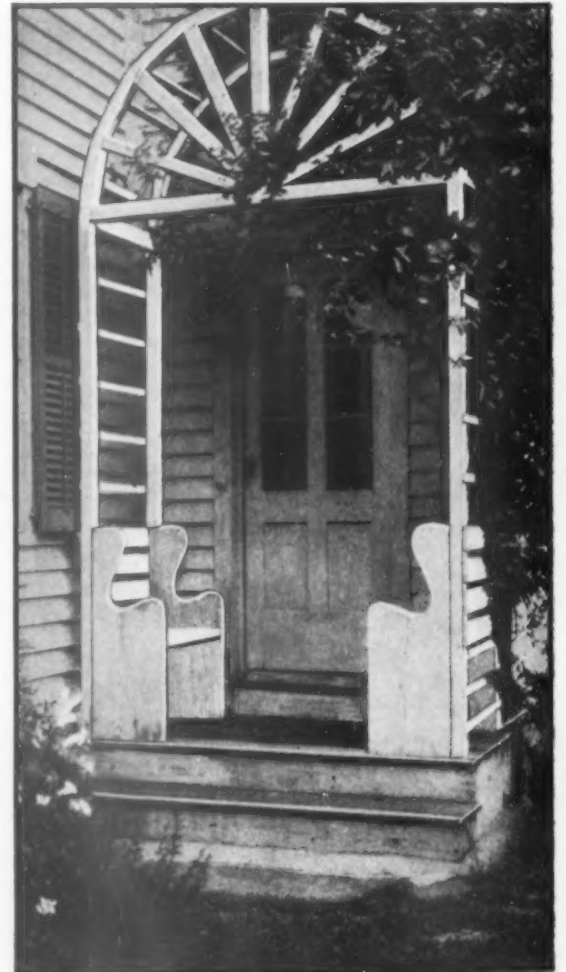
the other hand, if it is merely made to assist a Clematis to climb from the door step to the portico roof, the frame may be very light indeed, being fastened at the top as well as the bottom.

In the first case nothing larger than two-by-four finished timber will be needed. In the second, material as light as one inch by one-quarter inch batten strips will suffice. The frame shape is important and is best drawn on paper after making a study of trellises which have been formerly designed and found pleasing to our eyes. These may be imitated as a whole or used only as suggestive material which we may alter to suit our own feeling. A scale of "two inches equals one foot" will be satisfactory for the drawing.

With the lattice work which is to be attached to the frame members, simplicity, honesty, directness of design will produce most pleasing results. For very strong arbors, a combination of two-by-four inch frame and one-by-two inch lattice will suffice. *(continued on page 484)*



*The arbor gateway is an example of heavy self-supporting trellis work with frame members of 2 x 4 inch stock*



*An entrance arbor-trellis at the door of a house is an ambitious piece of work, and must be substantial*

*Joints may be simply fastened with nails or screws or the ambitious home carpenter may employ complicated perfection*





*Annual Larkspur bordered with Pelunia makes a bed of continuous bloom around the birdbath. A variety of color combinations may be made*

## Annuals for everyman

*Something for every purpose from dwarf edgings to temporary hedges*

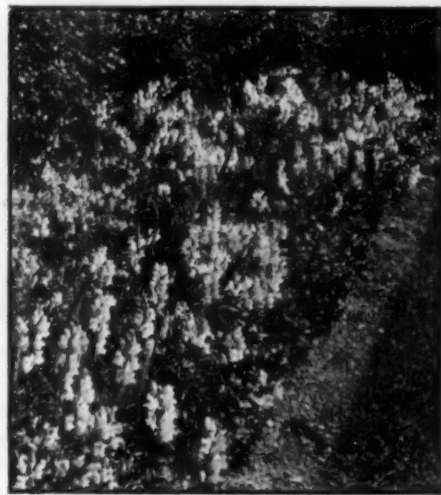
LEONARD BARRON

YOU just can't get along without the annuals. They have been belittled at times because they are the standby of the beginner in gardening. But is not that sufficient justification for continued popularity? We are so sure of results from annuals, and in such abundance, that the newest garden can be made gorgeous and glorious with flowers this same year with them if the seed be bought and sown this spring. To the old hand at garden work annuals have another glory of their own. They are the sheet anchor of safety for giving abundance of bloom and for cutting and color in the garden in full summer when perennial bloom lags.

We do not disparage the perennials in praising the annuals. It is not fair to pit one against the other. They serve two totally different purposes. The one is for permanency, the other is for quick furnishing. By and large the annuals give more return in flowers for a little attention given them than can be gathered from the perennials. Annuals give the finishing touch to the perfect garden, and they can be the complete feature in the new garden. Of course, it is better to start the seeds early in frames

and transplant already growing plants, but you can get along and get flowers without doing this. Don't hold annuals with any lower respect than the perennials.

There are annuals for every place and purpose, almost. Do you want edging for



*Snapdragons bloom from midsummer to fall, frost alone stopping them*

the beds and walks? Or would you have sheets and masses of color ranging from a few inches of height up to several feet, or would you have early bloom or late, in any color that you can fancy? Would you have draping vines for trellises or in cases of necessity quick screens where permanent hedges are meant to be later on? You can find all these among the annuals. Is your soil heavy, light, rich, or poor? The annuals will serve.

The seed catalogs list hosts of kinds page after page in alphabetical order. The very wealth of the offerings is confusing. Of course, if you have been playing with your garden for a year or two, you can steer your own way through these alphabetical lists but you can easily go wrong and plant the thing that does not fit unless you have some experience, or a guide.

In making the selection of annuals for the garden you should apply the diagnostic method—what do you want, what purpose are the flowers to serve?

You have a trellis or a fence to cover quickly; there are Gourds in a great variety, the fruits of which in the fall are sufficiently interesting in themselves—big, little, all types. (continued on page 000)

# Making more of your favorites

## Multiplication and division in the perennial border made easy

ALFRED C. HOTTES

*Horticulturist, Ohio State University*

THE natural method of plant propagation is by seed, but the gardener has crossed so many plants which therefore do not "come true" from seed that he has resorted to other methods so that the new plants shall resemble their parents exactly. From seed many plants are apt to inherit some of the (perhaps less desirable) characteristics of their parents. For example, Peonies can be grown from seed but the result is generally disappointing, in as much as the flowers of many will be rather small, ill-shaped and with the less desirable colors. Consequently the gardener *divides* the plants of such sorts as please him most. Equally, there is no excuse for having inferior Delphiniums. Specialists are raising wondrous sorts and are selling seed within the means of all persons with which to start a plant for division later on. No matter how much you must pay for seed, it is cheap compared to the results that may be obtained. It is absurd to look through the catalog of a seedsman with economy as the first consideration. When a variety of flower seed is listed higher than another one in price that will indicate one of two things, either that the sort is a novelty worth trying, still rare and therefore a trifle more expensive; or else it is a selected strain of an old favorite which is offered to those who appreciate something superior.

Just when perennial seeds are sown is not so important—it rather depends on how they are handled. In general it may be said that many sorts are best sown when fresh seed is available. This is particularly true of all the plants related to the Delphinium.

Provide a coldframe. An amateur without a coldframe is still in the beginner's stage. Suppose then you are a timid beginner, provide a large box partially sunk into the soil with the bottom knocked out. A glass sash will be useful for the times in the year when the weather is bad. Use the best soil you can obtain or make it what you know will be good.

Because of the prevalence of disease in the soil or even upon the seeds, the careful gardener takes advantage of each advance in science. He treats the soil and the seeds with some organic mercury compound, such as Semesan or

Uspulin. Good seed is worth conserving. Each one should be encouraged to germinate. Sometimes the weakest seedlings produce the best colors or the more double flowers.

THE seed had best be sown in rows as young plants can then be better cared for. Let the rows be five or six inches apart so that if at a later date the seedlings are not all transplanted, they may be allowed to grow to some size. Shallow sowing will insure prompt germination of such seeds as are very tiny. A burlap covering over the bed will help to conserve the moisture and allow watering of the seed beds before the seeds are up. Seeds will germinate better in the dark but as soon as they are up it will be necessary to remove the burlap. Nevertheless, a light shading should be provided because the young seedlings can



*Division in the garden is usually done with a spade when dealing with a large plant like Daylily*

not tolerate the strong rays of the sun. The amateur often complains that the seed is worthless because he allows the young plants to die just after they have germinated.

No matter how well the soil of the perennial bed has been prepared and enriched, the perennials will need a change in location at intervals. In favorable locations Bearded Iris, for example, grows luxuriantly for a few years. Then the rot enters, so little in evidence at first that it does not seem dangerous but you may be confident that it will spread if you do not watch it. When the clump begins to crowd, it is time to think of a new location for it. Dig it and you will readily see that it divides itself or shows you where help is needed to make it do so. With Iris this transplanting is only necessary every four years perhaps, but some other perennials, such as Asters, Sunflowers, False Dragonhead and others of the more rapidly spreading sorts will need dividing each fall or spring. A big knife, a hatchet or just your strong hands will serve to break the clumps into a number of pieces. Any that you cannot give away, should be thrown away. It is a pity to call such plants weeds just because they do their best to propagate for you, but so it is!

If you have Monkshood, Bleedingheart, Gasplant, Wild-indigo, Globe-flower, Oriental Poppy or Sea-holly you will wish that they propagated more rapidly. They are not the rampant spreading sorts. We dislike to take them up to propagate for fear that the clump will be ruined. Nevertheless, the time comes when they, too, must be divided into two or three pieces or else some other method of increase must be devised.

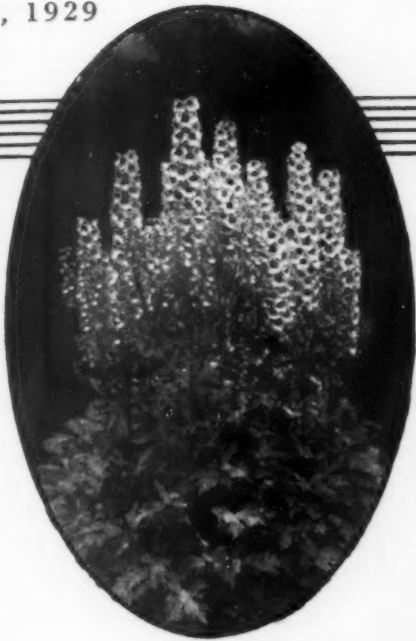
This is a method of propagation rarely tried by the amateur. Some fleshy rooted perennials (notably the Anchusa), Japanese Anemones, Oriental Poppies and Phlox are easily propagated by taking pieces of the roots.

In the case of Oriental Poppy, the plants die down to the soil soon after blooming. The clumps are lifted some time in July or August. Pieces of roots are cut off so that they are about two inches long. Each piece is then placed in a pot of sandy soil.

In late August they will sprout nicely. Plant out in their permanent quarters the next spring.

Much the same method may be used with Phlox (continued on page 474)





*The glory of one single clump of Hybrid Delphinium when it has a place that it likes. (In western New York)*

## Better Delphiniums

*Early started seed means flowers this year  
and better plants for next*

F. F. ROCKWELL

**I**F ANY flower in the garden merits such adjectives as stately, noble, regal, royal, it is the modern Delphinium. Flowering upon stalks which under favorable conditions attain a height of six feet or more, but nevertheless, on account of their tapering form and delicately cut foliage, among the most graceful of all the garden's occupants, they dominate the hardy border through summer and autumn.

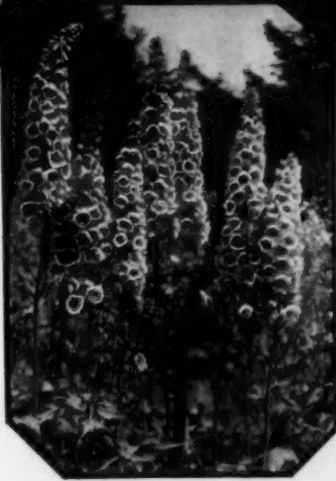
But the queenly Delphiniums reign with a graciousness which well becomes their unrivaled beauty, for almost all other flowers gain rather than lose through association with them. Blue, real blue—not shades which pass for "blue" among many other flowers—is their keynote color; and they offer innumerable tones ranging from the palest opal, turquoise, and powder shades to pure and deep azure, ultramarine, and gentian blues.

One of the most pleasing things about the glorious new Delphiniums is that they may readily be grown from seed. If they are started in March or very early April, indoors or in a hotbed, and well cared for during the summer, they will flower the first season in July or in

*They are hungry feeders and must be given a rich soil if they are to give massive flower spikes*

August. The seeds, which are perfectly hardy may be sown outside in April, and will often give a fair percentage of flowers in September. I have had blooms the first season from seed sown as late as May, but this could not be counted upon where frost is expected in late September or October.

Getting flowers the first season is not the only advantage in starting early. Early started plants make fine strong clumps that will give the finest possible spikes of flowers the following summer; whereas summer or autumn sown seedlings will not do their best until the second summer following. Choice seed may be bought at from twenty-five cents to a dollar or two per packet. It is, of course, possible to pay as much as five or even ten dollars for a packet of seed, or for a single root of some of the very latest new things. As with the new varieties of other flowers, these novelties are worth what they cost to the collector.



*Second year growth of a selected type (Lilian Murray)*

But it is not necessary to pay so much to get Delphiniums of real quality, even if not of quite such recent introduction.

The named varieties of Delphiniums, of which there are scores listed and described in the catalogs of the English specialists, and a more limited number in American catalogs, will not come entirely "true" from seed. But there are many varieties which will reproduce themselves fifty per cent. or more true from seed, and most of the other plants will be quite similar.

With the prominence now given the marvelous gigantic new hybrids, we are likely to overlook some of the older sorts, which have their place and purpose, and which have never been fully appreciated.

To begin with, (continued on page 480)



*"What's behind the hedge?" is the alluring question that this garden asks, and so leads you on*



*Such a feature as a bird bath has more interest if it is in a somewhat secluded corner not to be seen from everywhere*

*Composition is balance, but not necessarily an even arrangement of equal spaces around a central spot*

## Keeping a secret

*Try to do it when laying out home grounds and gardens*

PAUL GLENN HOLT

**T**HE bend in the road, the half-hiding, half-revealing fence, rockeries with steps which lead we cannot see just where, the gate ajar, the curve in the path, these are the touches which turn humdrum garden design into romance.

To landscape our grounds, let us walk hand in hand with human nature. There is something in all of us which demands suspense, hope, surprise, to hold our interest. About the most unpleasing piece of landscaping imaginable is a railroad track running straight away from the eye to a flat horizon. (continued on page 478)



# The garden tool chest

*Begin with the few essentials and add specialty devices according to individual needs*

ELLEN EDDY SHAW

*Brooklyn Botanic Garden*

**A**LTHOUGH it may seem early to consider filling the garden tool chest, really it is not. One should begin any piece of work before he starts. This sounds paradoxical. It is as necessary for the gardener to have the right tools as for the surgeon to have the right instruments. Now what are these "right tools"?

When one gathers together some catalogs and looks them over to select tools, the feeling is a desire to have every single thing listed. But it is very foolish for the beginner to start with too many implements. Just a few essential ones should be bought and then, after the first season of gardening, a better understanding of needs is acquired. Then choose more tools. I almost said

more and better tools, but that is wrong because it is foolish to buy inferior tools ever. The best are none too good. Better to have fewer in quantity, and good ones, than an abundant array of poor quality tools.

In the beginning avoid those of limited uses. General serviceability is as good a trait in garden tools as in other things. Specialized tools find their places among luxuries even after we have started our garden tool chest. You will know more about what you need a year from now than you do to-day, for no person or catalog can take the place of the individual's own knowledge obtained from his own experiences.

Now let us start literally from the ground up. This means considering the garden problem from the time the garden area should be spaded up in the spring. There are two tools for this. One, the spade, and the other, the spading fork. Choose the spading fork. Why? Because the tines of a fork are easier to force into

the ground than the blade of the spade, and because they break up the earth more easily and quickly, allowing the air to get into the soil better. Then, too, another advantage is this; that it is a far easier tool for women to handle and since gardening in America is not only a hobby, but also a joyful business of women, tools should be bought with that in mind. What sort of spading fork shall one choose? Buy a light weight medium sized fork. Pay enough for it so that it is good and will last for years. So much for our first tool to hang in the tool chest.



*The Wooden Man is almost a necessity for cleaning the tools after use*

A rake should come next. There is a splendid rake on the market called ladies'-sized English rake. It is just right in length for women and will do perfectly well for men. The handle is of ash and the head of the rake is short

with eight teeth. It is a good rake for all purposes. If one has quite a strip of lawn, it is well to have one of the light weight bamboo rakes. They are very easy and comfortable to handle, but are of no use in general gardening.

Now comes the hoe. Choose a companion to the rake. That is an English hoe, ladies' size. It has a very small blade, but is a splendid hoe. Do not buy one of those great big lumbering hoes that your grandfather used. There is a second hoe I think should be in every tool chest. It is called the scuffle hoe. It is a splendid implement to use in both general cultivating and in getting weeds out of long borders. When scuffling back and forth, it does an excellent piece of work. I imagine someone saying: "Why not eliminate the first hoe?" The reason is that the first hoe is needed in opening drills when planting seeds and in cultivating where the space is limited, as between rows and plants.

Since we are speaking of cultivating the garden, why not add a little hand cultivator? This little inexpensive implement, shaped like the fingers of the hand, is an essential tool. You may buy it for almost nothing, or (continued on page 486)



*You can't do any work properly without adequate tools. Here are a few for the garden chest. (Hammacher-Schlemmer & Co.)*



*The scuffle hoe, from its appearance alone, tells the story of its usefulness*

# Keeping ahead of the insects

*Making things easy for the average man  
with one all-around oil*

PARKER T. BARNES

**S**PRAYING has become a necessary operation for the perfectly kept garden because, unfortunately, the insects apparently are with us to multiply unless repressed.

Before the Apple trees are in bloom they will be sprayed because last summer I noticed San Jose scale on the fruit. If it is on the fruit, more will be found on the branches. Moreover, I know European red mite is in the neighborhood. I don't know whether it is on my trees or not, but a petroleum spray will be effective against both so I don't worry. The red mite produces that bronzy looking foliage we sometimes see in midsummer.

The Connecticut Agricultural Experiment Station finds petroleum spray equally as effective as lime-sulphur against the scale and better than the lime-sulphur for the red mite. Petroleum sprays are making headway in popular appreciation and are very handy for the amateur and much more easy to handle than the famous smelly and caustic material which while being a perfectly good spray also stains and ruins paint on buildings and fences.

This handy liquid spray can be used against a lot of insect pests about the garden but if it is used on evergreens remember to spray them early in the spring, before growth starts, but not while there is severe frost at night. One part to thirty parts of water of at least one good spray oil will kill the over-wintering eggs of red spider. The Michigan Station reports control of scale on Pines and Spruces by using petroleum spray. Connecticut, New York and Massachusetts find it will control the spruce-gall louse which should be good news to lots of people. It is this little spruce-gall louse that makes imitation cone-like growths on the tips of the shoots. No reason why you shouldn't keep your evergreens in good condition.

Remember that petroleum sprays will dissolve the waxy covering that gives the whitish effect to Koster Spruce and other

bluish evergreens. It doesn't matter, the new growth will have the covering just the same. The point is to spray as late as possible before the new growth starts.

Your Lilacs, Ash, and Poplars are almost sure to have oyster scale if they haven't got San Jose. The petroleum spray will work here, too.

It is held against the Euonymus with some people that it is infested with a white scale and from New York south-

ward it surely is persistent. Still a dormant application of petroleum spray, one to thirty, and several summer applications of one to fifty will keep down the pest. It is so easy—you can have your stock of spray oil and just dilute it with water whenever it is time to spray for any of the insects on the trees and shrubs.

The Mophead or Umbrella Catalpa attracts mealy bug. The Virginia Station finds that a dormant petroleum spray will control that pest by killing its eggs. In the spring, when you prune the Catalpas, clean out the old leaves and rubbish that collect in the crotches. Then wash out the head with a strong stream of water and follow with a petroleum spray, one part to fifteen of water.

In late March or early April spray Pear trees for the psylla because the psylla will not lay its eggs on oily wood. It has been wintering under the bark or in nearby rubbish. This has the approval of the Experiment stations of New York, Michigan, and Ontario.

Modern spray preparations put out by established concerns are not haphazard productions. They have been developed after the result of a lot of experimental work and coöperation of the research departments of their agricultural colleges. Follow the directions on the label and you will not have trouble.

Of course, you cannot control the insects on the shade trees in the streets, but you can do your part in seeing that your town or village has a shade tree commission or some other authority equipped with appropriate machinery to prune and spray at cost large ornamental trees along

the streets and even in your garden. It is being done in some communities even now. For the last two seasons Maples have been having a particularly hard time with the cottony scale and others, but the pests of these trees do not usually require petroleum, so avoid petroleum sprays on Sugar Maples and Beech but use it on all other shade trees—Magnolia, Tulip, Oak, etc.



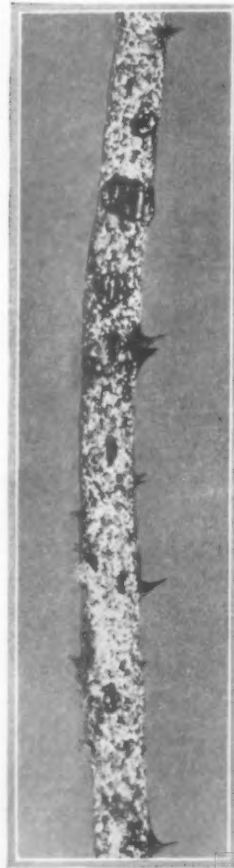
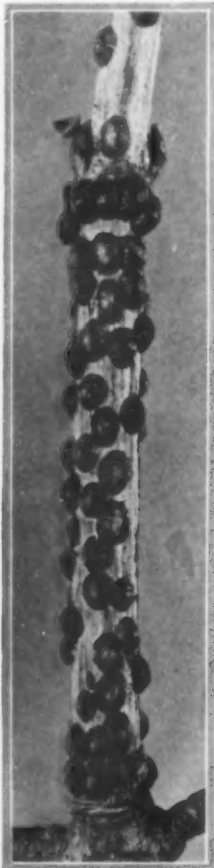
*Maple leaf woolly scale. White cottony patches on foliage and chalky appearing trunks in mid-summer indicate this pest. Dormant sprays more efficient than summer*

*Terrapin Scale, a dreaded pest of Plum and other stone fruits, Sycamore, Maple Unaffected by lime-sulphur sprays*

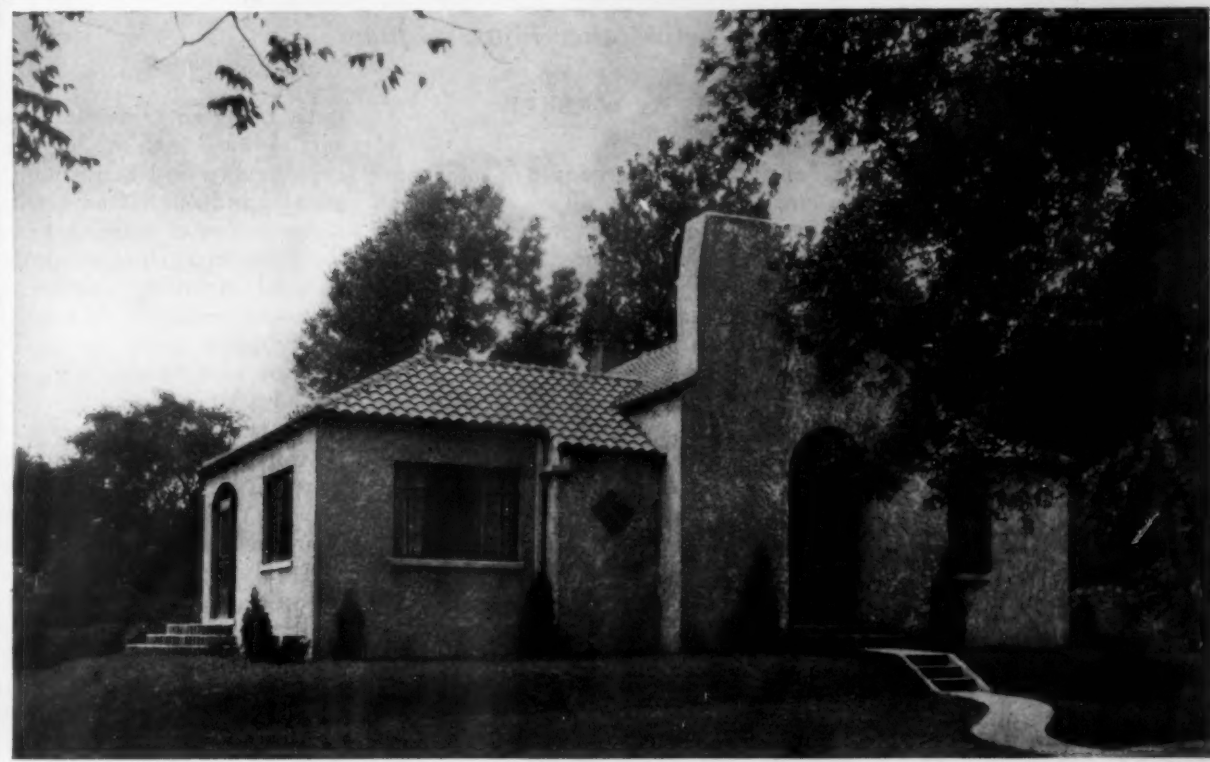
*Look for this white scale on rugosa Roses, Raspberry and Blackberry canes, in shade especially. Use lime-sulphur or oil*

*The imported San Jose Scale is really responsible for widespread spraying, a blessing in disguise*

*Surfy scales are small, white elongated and are found on Dogwood, Mountain Ash, fruit trees, etc.*







Tinted portland cement stucco, applied directly to cinder concrete masonry, gives this small home a beautifully textured finish—and with its concrete tile roof, a high degree of fire safety. The home of Mr. Eugene Olsen, Adrian, Michigan—owner designed.

## *Homes of Charm and Beauty in Concrete Masonry*

For the formal mansion on the country estate—or the modest bungalow—modern concrete masonry construction offers equal and definite advantages.

In large homes or small, concrete permits unique beauties of design and finish both exterior and interior. It provides absolute fire safety. It minimizes upkeep expense. Its cost per cubic foot is moderate, permitting important economies whatever the size of the dwelling.

Householders and architects who are interested in the modern trend in the use of concrete for homes are invited to write for full information. The architectural possibilities of concrete are virtually unlimited. Interesting studies and illustrations await your request.

**PORTLAND CEMENT ASSOCIATION ~ Chicago**

# An indoor water garden

*Not only do real aquatics thrive but the evaporated moisture helps other house plants*

A. R. WALKER

**M**Y PROUDEST moment when showing off the pool in my sunroom is when I announce with great satisfaction, "You know it is the old kitchen sink," and stand back to enjoy the look of amazement and incredulity registered on the faces of my innocent victims. I have a friend who says that I actually gloat, at such times, and I acknowledge that to be true, for I am still filled with glee over my achievement.

The time when I felt that the old iron kitchen sink might be replaced with one of modern vintage, and the time when the contents of my summer pool must be brought in to be saved from freezing, being coincident, seemed to inspire me—why not an indoor pool and why not utilize the old sink for this purpose?

The first step was to make it water tight. A piece of sheet rubber packing was fitted to the hole which had been the drain, and the strainer was screwed back over it. All cracks and holes were filled in with plastic roofing cement. This was allowed to harden for twenty-four hours and proved to be perfectly water-tight.

I next procured a strong plain table, eighteen inches high and twelve inches wider than the dimensions of the sink. At the same time the plumber made a sheet-tin tray measuring the same as the table top, with an inch turned up on all sides. Both were painted a good green. The sink was now placed in the center of the table and leveled by placing stones under it. I sprinkled on the floor of the sink a layer of white pebbles mixed with the colored shell chips sold by florists.

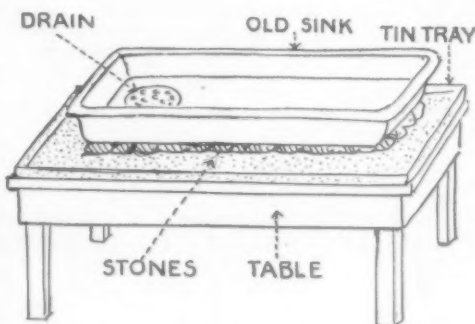
In one corner, planted in a shallow pottery bowl, I placed my tropical Day-blooming Waterlily Dauben, and, by the way, the most prolific and satisfactory variety I have found for the winter indoors. In another corner an Umbrella Sedge (*Cyperus alternifolius*) made a background for the little bisque figure of a boy with a fishing rod, who was perched on a stick covered with growing moss, which I brought in from the woods, while several Water-hyacinths floated on the surface of the water around the edge. Then I put in the

goldfish, tadpoles, a couple of snails and a small green turtle, all of which act as scavengers to keep the water clear.

Around the outside of the tray I set pots of blooming Begonias, Ageratum, and some foliage plants. From the woods I brought in some of the little Winter Ferns, Prince's-pine and several varieties of moss with which I filled the spaces. These with some flat stones placed here and there, made somewhat the effect of a Japanese garden.

The pool has not only proven to be an ornament and a source of great entertainment, but is a distinct asset in moistening the air of the sunroom as there is a great deal of evaporation from the large amount of fresh water which I am able to put in daily, and which greatly benefits all the other plants in the room.

This home is so congenial to the goldfish that they have become interesting



*Here are the details showing how the old discarded sink was used in making the indoor miniature water garden*



*The table is eighteen inches high and larger in both directions than the iron sink so that potted plants may be arranged about it*

pets, being so tame that they will eat bits of bread from my hand; and, when I occasionally find a worm in one of the plants, and offer it as a treat, they indulge in a most amusing game of tug-of-war, chasing each other about until they succeed in entirely devouring the unfortunate creature. So I feel that I may justly gloat over the success of my venture with an indoor pool.

The goldfish themselves may become a separate interest, and indeed in this way you might begin a new hobby. They must have oxygen in the water to breathe, so aquatic plants and fish become parallel or related studies, in a way. Colored pebbles mixed with sand and soft tinted shells at the bottom of the water may be made to add greatly to the attractiveness of the modified aquarium. All goldfish are not alike and there are varieties with greatly developed fins that are exquisitely beautiful. They are not difficult to keep alive if proper means are taken to get air with the water, and in the absence of living water plants this can be done by agitation of the water. Be on the lookout for the big brown waterbug (which may be attracted by a bright light, and has lately been called electric-light-bug). It hides under stones to capture small fish, from which it sucks the juices. Of course, the really great menace from this bug is when the fish are kept in outdoor pools, and then there are other enemies to contend with—just a few. Birds may take an occasional one but it is not likely that their depredations will be very serious. The

fish hawk which comes up from the South in the early part of the summer is addicted to picking up a big goldfish from a large pond but it is not likely to visit a small pool or tank in a garden. The domestic cat is much more likely to cause trouble, attracted in the first place by the glitter of the fish as they swim to and fro. Every once in a while a cat develops a great fondness for catching a pet fish. Sometimes the effort to get the prize is disastrous to the aquarium or whatever it is that holds the fish—not only disastrous to the aquarium but also to the rugs and furnishings.



# From Vienna

## PHOTOGRAPHS OF THE BEAUTIFUL BEDS AND BEAUTYREST MATTRESSES ORDERED FROM AMERICA

BY THE

*Countess  
Colloredo  
Mannsfeld*



THE COUNTESS COLLOREDO MANNSELD, FORMERLY NORA ISELIN—of the famous New York family, and now a member of two old and illustrious Austrian families. The Countess herself furnished her charming Viennese villa—delightfully located in the midst of an old apple orchard—with Colloredo and Mannsfeld heirlooms, but sent to America for her superlatively comfortable Simmons Beds and Mattresses.



THE BEDROOM of the Countess Colloredo Mannsfeld furnished with precious family heirlooms in Austrian marquetry—a lovely setting for twin Simmons Beds No. 1581 and damask covered Beautyrests in Venetian blue! The walls are painted blue green, hung with French prints. The blue green beds, whose graceful lines and exquisite coloring delight the Countess, are spread with hand-made filet over pink.

TWIN Simmons Beds and gorgeous damask covered Beautyrests have recently crossed the ocean to equip another home with superlative American comfort and beauty! For the Countess Colloredo Mannsfeld (née Nora Iselin of New York) has just ordered them sent abroad for her Viennese home.

Luxurious comfort, deep, relaxing sleep—and now new beauty in covers of handsome damask in two French patterns and six lovely colors!

As the Countess Colloredo Mannsfeld says, "I am especially pleased with the damask covering on the beautiful Simmons Mattresses and Box Springs—it harmonizes so nicely with the decorative scheme of the room."

In furniture and department stores, Simmons Beds \$10.00 to \$60.00, No. 1581 \$32.75; Simmons Beautyrest Mattress, \$39.50; Simmons Ace Box Spring \$42.50; Simmons Ace Open Coil Spring \$19.75; Rocky Mountain Region and West, slightly higher. Look for the name "Simmons." The Simmons Company, New York, Chicago, Atlanta, San Francisco.



THE NEW BEAUTYREST MATTRESS—and Ace Box Spring—covered in matching damask!—Venetian blue, seafoam green, and beige in the medallion pattern, or lilac, rose and pale blue in the all-over design of delicate leaves. The Beautyrest has a center of hundreds of fine small coils, each cloth encased, to insure independence of action and marvelous buoyancy. The new Ace Box Spring, resilient and long wearing, has the same taped edges and a smart stitched border to match the fluted sides of the Beautyrest.

Already, 625,487  
Beautyrests  
in American homes\*

Every 54 seconds,  
one more Beautyrest  
in someone's home!

\*These records are for the U. S. only.

# SIMMONS

BEDS · SPRINGS · MATTRESSES

# Start early and arrive sooner

*Aiding nature with coldframes and hotbeds*

**H**AVING planned his garden in January, Jack Thompson was anxious to start work as soon as possible. In the heart of every gardener, be he novice or hardened expert, there lingers the irrepressible desire to see that first seedling bursting through the earth. And Jack was no exception. This was to be his first garden, and he was impatient to see what actually could be done with his little plot out in the suburbs.

He had heard of the practice of forcing plants a month or more, and when he asked me whether there really was anything to it I trotted out an array of catalogs and pamphlets describing cloches, forcing boxes, hot pits, cold pits, hotbeds and coldframes.

"Isn't that cheating nature?" he asked.

"On the contrary," I assured him. "It is helping nature. What is more natural than for persons and animals and plants to live and flourish? When the weather is cold we don heavy garments. When animals begin to sense the approach of winter they receive a thicker covering of fur or hair. Why not provide warmth for our plants if the weather is too cold to start them?"

The simplest and easiest way to obtain results usually is the best, and for the beginner there is nothing more practical than the hotbed or the coldframe to give plants an early start in life.

No matter how small, every garden should be equipped with such a device. Without these aids to nature we should be forced to wait until midsummer for most of our annuals to lend color to the garden, and we should be forced to patronize our vegetable dealer until late July or August. By the use of the hotbed or coldframe, however, we may enjoy brilliant blossoms and eat our own vegetables in June, at a time when produce and flowers are expensive.

The coldframe, with which we may grow hardy vegetables for winter use as well as start seedlings early in the spring, is indispensable in gardens of cold latitudes. In it we may also carry through the winter vegetable and flower seedlings, making them strong enough to be transplanted in the open ground long before we should dare put out plants grown from seeds sown in the spring. And the point which interests the beginner is that it is easy to construct and care for the frame.

Give it a sunny spot, protected as

## I. GEORGE QUINT

much as possible from the blustering north and west winds. The best location is the south side of a wall, garage or house.

Prepare a wooden frame about six feet wide and ten feet long—though the dimensions will depend upon the number of plants to be started. The rear of the frame should be about twenty inches high, and the front six inches lower, so that sash placed over the frame will slope down to catch the sun properly and permit rain water to run off evenly.

The frame may be held in place by nailing it to a half dozen stakes driven into the ground, or it may be placed in furrows dug to accommodate the bottom of the frame, which in either event should be banked with about two or three inches of soil.

The top of the frame should be subdivided by cross bars. Cover every division with glazed sash. "Double-light" sash is considered the best as the layer of glass on the lower side provides an air pocket and retains the heat of the frame.

Some prefer to have the sash long enough to extend a few inches beyond the front of the frame, to permit its being raised easily. This is not essential, however, with regulation sash, which comes equipped with handles. If you wish, the cross bars need not be at the top of the frame, but may be placed a little lower, so that the sash may come together.

If desired, the sides and ends of the frame and sash may be joined with hooks and staples.

Having constructed the frame, put about five or six inches of rich, mellow, well-pulverized soil into it, and you will be ready for sowing seeds.

frame, and then built one to fit inside it, leaving about three inches of space between both, on all sides. He then poured concrete into the openings, assuring him of a permanent, thoroughly warm frame, and one which required no cross bars.

A hotbed differs from a coldframe only in that it is constructed with a layer of heat-producing material under it, with the frame sunk into the bed. The heat may be carried into the bed by electricity, by steam or hot water pipes or by manure. As the manure pile is the easiest and least expensive method it is the one almost universally adopted.

With a quantity of fresh horse manure—sufficient to make a pile eighteen inches deep and long and wide enough to accommodate your frame, mix about twenty per cent. of bedding straw. This lengthens the heating period. Pile the mixture in a sunny location. If the manure be dry, pour hot water onto it to start decomposition.

Within a few days steam will rise from the surface. Turn the pile over, working it thoroughly. Two or three days later steam again will be detected. When that happens, the pile is ready for use.

Sink the frame into the manure, which should be packed tightly. Bank the outside of the frame with more manure, up to the level of the front edge.

Into the frame put the soil, and cover with sash, so that the soil may be well heated. Put a thermometer into the soil, and note the temperature daily, opening the frame for a few minutes every day. When the mercury has dropped to between 85 and 90 degrees Fahrenheit the bed will be ready for seed sowing. Remove weeds.

The soil in the frame should be watered with a fine rose. It must be moist, not too wet.

Always replace the sash after watering or weeding. On warm days the sash may be raised slightly for an hour or two when the sun is shining directly upon the glass.

On very cold nights cover the sash with a straw or burlap mat.

It should be understood that plants in the frame must be cultivated just as though they were in the garden. Weeds must be removed, and plants must be thinned out and protected from insect pests. Careful at-

tention will provide a quantity of plants to transplant into the open as soon as the weather permits. (continued on page 488)

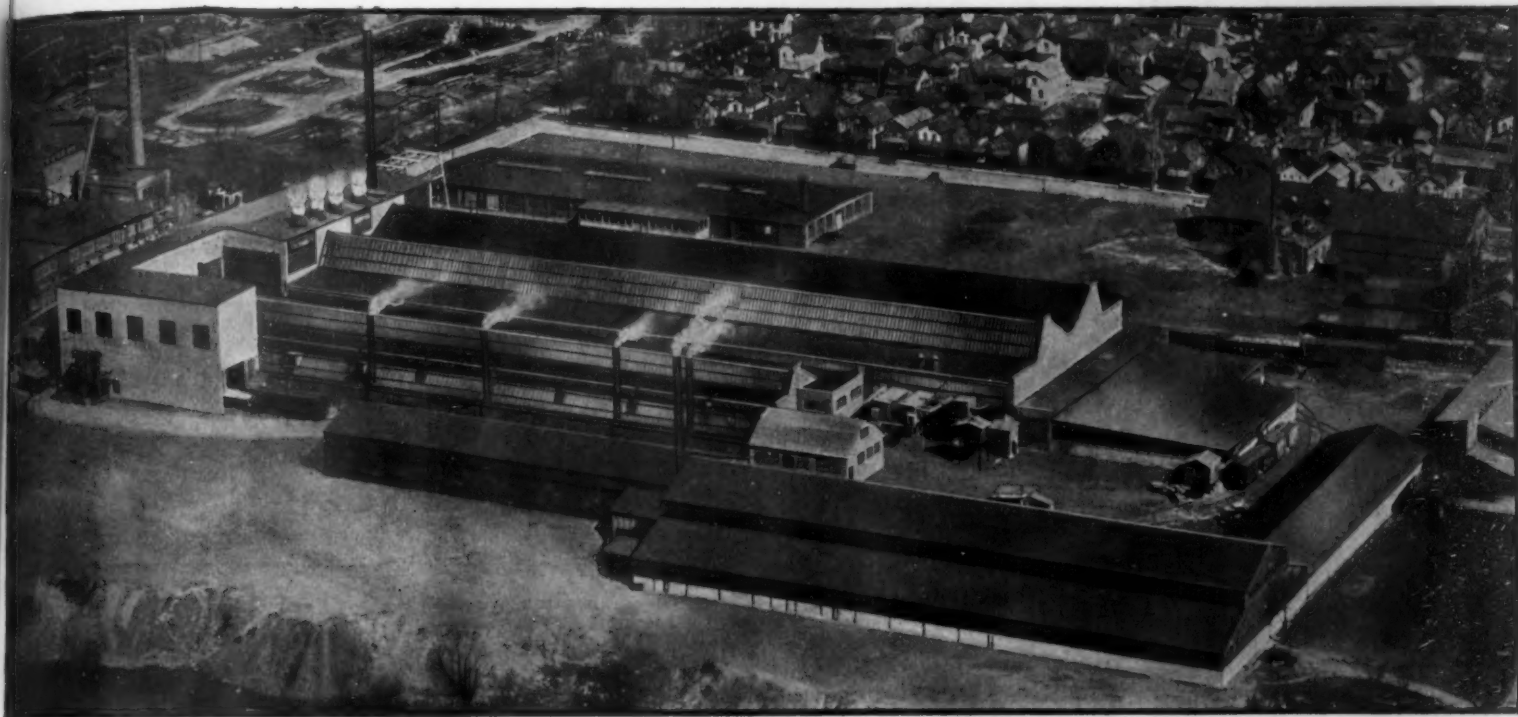


*Best the weather man by making a simple frame to catch heat by day and ward off cold by night. It means earlier flowers and vegetables*

If permanency is desired, a plan adopted by a neighbor of mine may well be followed. He constructed a wooden



# This great material success must PROVE the SPENCER heating principle correct!



The great modern factory where the Spencer Heater is made

**A**CREES of modern factories—greater and greater sales each year—lower and lower prices—millions of dollars saved each year for anthracite users alone! What can all these be but evidence that the Spencer Heating principle is correct and always was?

The Spencer was the first magazine feed heater. After thirty-two years of daily public use, it still stands first! It is today, and has been for years, the only complete line of magazine feed heaters, made both in cast-iron sectional and steel tubular types, for every building from bungalow to skyscraper.

Men who know magazine feed heaters build the Spencer. As it was improved by these experienced engineers, it grew in popularity. Today, the tremendous factory equipment required to build the volume of Spencers demanded by the public is one proof that the public appreciates better heating methods.

When the Spencer was invented thirty-two years ago, its magazine feed and sloping grate marked the only fundamental improvement in heating since the first primitive stove.

### The Spencer scientific principle

Once a day, fuel is put into the magazine (A). It fills the sloping grate to the level of the magazine mouth (B). The fire bed always stays at the level shown at (C), for as fast as fuel burns to ash (D), it shrinks and settles on the Gable-Grate (E). As the surface of the fire bed (C) is lowered, by this shrinking process, more fuel feeds down automatically, over the top of the fire. This combination of magazine, correct depth of fire bed, and Gable-Grate makes fire burn up-hill and permits the use of inexpensive smaller sizes of fuels that save as much as half the annual fuel bill.



Now anyone can have the economy of a Spencer. It burns any small size, low cost fuel—No. 1 Buckwheat anthracite, coke, and graded bituminous coal—with no blowers, no moving parts, nor outside power. It saves on fuel cost and gives a better, more uniform heat, with attention only once or twice a day.

Men who build and sell the Spencer have had more years of training and experience in this heating field than can be found anywhere else. So expertly is the Spencer tested and designed, so precisely is it built, that its heating capacity can be and is guaranteed. So tremendous is the volume of sales and manufacture in recent years, that the Spencer starts its thirty-third year with even lower prices.

Write for the Spencer book, "The Fire That Burns Up-hill." It tells how anyone, anywhere, can have Spencer economy, convenience and uniformity with any steam, vapor or hot water heating system. Spencer Heater Company (Division of Lycoming Manufacturing Company), Williamsport, Pa.

## SPENCER

steam, vapor  
or hot water

## HEATERS

## DEVICES FOR THE HOMEOWNER

Conducted by  
WILMA LUYSTER

*We are very glad to offer a shopping service for anything shown in The American Home. Send your check for the articles you wish to Shirley Paine (payable to her), care Doubleday, Doran & Company, Inc., 244 Madison Ave., New York, and she will order the articles sent to you from the manufacturer. This service is entirely without charge.*



### Guest Room Ironing Board

Here is a brand new idea for your guest room: a neat little ironing board which attaches to the wall of a closet or to the closet door itself. It is a very useful bit of furnishing—for you know yourself how nice it would be often when you're visiting to be able to press a crumpled dress or two. The board folds out of the way when not in use, and is always in readiness. (\$3.50)



### Folding Bed

A folding roller bed that is not attached to the wall, yet folds up to be stored in a small closet—surely a find for the small apartment dweller. It gives, really, an additional room. The bed is easily rolled about, widens into a double bed if desired, and is well equipped with springs and mattress. (In various styles at \$50, \$46 and \$37.50)

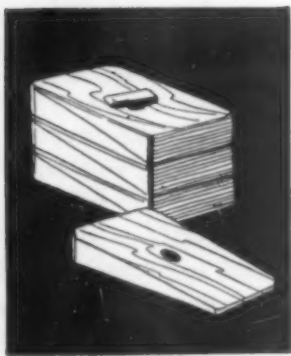
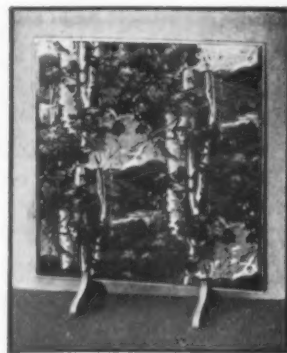


### Parchment for Cooking

A new trick in cooking is this parchment square in which the modern housewife steams her vegetables, thereby keeping all the valuable mineral salts within. A genuine vegetable parchment, it is, of course, absolutely safe and of such a consistency as not to disintegrate when wet. At left it is seen in use. (Per package 35 cents east of Denver; 40 cents west)

### Bridge Table—Fire Screen

Once upon a time we would have thought such a combination impossible—but here it is, right before our eyes, a combination bridge table and fire screen. When there is a fire on the hearth it is a splendid and attractive fire screen; and when not needed for this it may be used just as successfully for bridge. (\$18)



### Wooden Wedges

How often have you folded and refolded bits of cardboard or old letters, vainly trying to do away with that annoying wiggle in the table or desk? Here is an ingenious device: a little wooden wedge, a solid underpinning for the wobbly leg! They come in packages of six, and cost only 10 cents a package.

### Bridge Table Tray

Designed for the hostess who seeks to provide the utmost in convenience for her guests, this tray serves as a safe holder for refreshment glasses during the bridge game. The upper guard ring is removable and the tray may be used for ashtrays, cigarettes, cards, etc. In red, green, and black. (\$3.50 per pair)



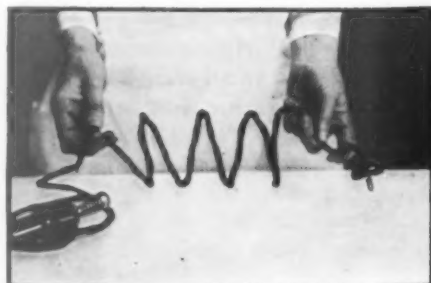
### New Razor

The inside surfaces of the metal box containing this safety razor are used, one for honing, the other for stropping the razor blade. The razor comes equipped with a blade of English steel which will last for years. (Silver plated case, with stropper \$15; nickel plated, \$10)



### A Cord that Does not Kink

An ingenious arrangement for keeping telephone and electric iron cords from becoming kinked and knotted is this little device shown at right. Not unattractive, easy to put on, and a decidedly practical addition to the kitchen and the telephone room. (75 cents)





# RITTER FLOORING

*Manufactured Exclusively from  
Appalachian Oak*

Ritter Parquetry Oak Flooring (Block Pattern) in Residence of James A. Short, Philadelphia, Pa.



*Designed for American Homes of Distinction*



A RICH expanse of beauty... so velvet-like in texture and so uniform in grain that even the most priceless orientals are placed reluctantly over its surface! From the slopes of the Appalachians where conditions of climate, soil and drainage are conducive to slow, uniform growth,—comes the oak from which Ritter Flooring is *exclusively* made.

Consult with your architect in regard to Ritter Appalachian Oak Flooring. He will tell you how it will harmonize with the other fine appointments of your home.

W. M. RITTER LUMBER COMPANY  
Largest Producers of Appalachian Hardwoods  
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## Irresistible Beauty that has lived and endured



Bookcase  
5046½



Woodseat Rocker  
7029E



Gate Leg  
Tilt Table  
3040

IT WAS in the long winter evenings of the early 18th century that hardened hands, familiar alike with broadaxe, plough and musket, fashioned the first Early American furniture. Rigorous times demanded comfort with strength and simplicity. But in these settler-craftsmen was the soul of the artist. They created a distinct style, they implanted a quaint, irresistible beauty that lived and endured.

These original masterpieces have long since found their way to valued collections. Many to the museum of the Stickley Shops at Fayetteville. And here, patriarchal craftsmen are faithfully reproducing the originals in their natural woods and finishes that the artistry of our forefathers may grace our homes.

So today those who recognize quality, value authenticity and treasure beauty, choose Early American bearing the Stickley of Fayetteville name.

*On display by the better dealers*

Write L. & J. G. STICKLEY, Fayetteville, N. Y. for your copy of the attractive Stickley Booklet "F"

Tourists welcome at factory show-rooms five miles east of Syracuse on main highway—Route 5.

Also displayed by Lake Placid Club, Adirondacks



Early American  
BUILT BY  
**STICKLEY**  
OF FAYETTEVILLE



A well arranged group, comfortable, convenient, and with excellent individual items. (McBurney & Underwood, Decorators)

## When we go a furnishing

*Continued from page 396*

Often by changing the positions of the furniture we can improve both the appearance and the actual physical comfort, through more convenient arrangement.

Of course, as we go about this rearrangement, we also find that the replacing of the most hopeless chair by a better looking one will add much to the entire effect. Even if it is only one chair out of many, nevertheless it has lifted the room into distinction. Sometimes one or two small tables may be placed by the side of already existing chairs—good, bad or indifferent as their case may be. The result is one of the happy little groups we spoke of last time. The cold aspect of a few chairs dotted about the room has gone. Little tables can do wonders! I find that the addition or substitution of a few good lamps also makes a great difference. The horribly beruffled and beribboned shade upon the quirky base still stands in far too many living rooms along with otherwise very simple furniture. It is such a mistake. Until its fussiness is eliminated, nothing can make the room attractive. And quite as often, the central lamp, or the big lamp on the reading table, is a great gawky affair with a shade either too large or too small for it. One sees it looming awkwardly the moment the threshold is crossed. A little expenditure here is wise the rest of the room can wait, this time! These are all simple things but they loom large in point of appearance, and may easily be small in point of expenditure.

Then there is the room that seems to actually ask right out loud for some of the larger pieces of furniture, a sofa, a big chair, a large table, a bookcase or a desk. When this need is thus imperative, there are probably in that room several chairs very much alike in both size and general design.

They sit stiffly and awkwardly about the room. The only variation for our attention is the radio upon a small table, and a pot of ferns. It is an uncompromising room because all of the sizes are so similar, as well as all of the shapes. Constant repetition of any kind quickly becomes very tiring. There is a queer bareness that is very far from the atmosphere of those pleasant rooms in which we like to linger. The addition of even one widely differing item will add newness and interest. It may be a sofa by the fireplace, or along the wall between the windows that is added. Immediately the room is more interesting because the long line gives that element of contrast which is such an important point in all kinds of decorative work. A bookcase on each side of the fireplace might help immensely. Or a desk placed near the window could give variety by breaking up an otherwise very monotonous wall space, at the same time balancing a table, picture and chair across the doorway in a corresponding wall space.

Grant the need. How can we decide which thing to buy first? How can we decide what character it shall be and how be certain of its standard in design? Each point might well be the subject of an article, but this month I am going to try to give you a sort of bird's-eye view. We may follow with more detail later in the series of lessons.

Let's take the very first question—"How can we decide which thing to buy first?" This is the hardest one to answer for the problem hinges on the room arrangement that we studied last month. Suppose you have followed the general ideas given in the preceding article and rearranged your room to balance with definite centers of interest that follow the ordinary usages of the family. (continued on page 422)



# FIREPLACE CHARM WITH FURNACE-LIKE HEAT

*"you might  
as well build  
your fireplace  
right!"*



You can see the Heatilator—and test it—in any town or city in the United States. Dealers everywhere are putting in permanent displays.

**I**T doesn't cost any more to have a fireplace built with a Heatilator than without one; and the Heatilator positively assures perfect draft, no smoke, double heat from same fuel, complete satisfaction. So you have nothing to lose and everything to gain by building every fireplace with Heatilator construction.

The dancing flames of an open hearth fire in a successful fireplace are an unflinching source of pleasure and comfort—always a center of attraction.

But the successful operation of any new fireplace has always seemed a matter of chance. Carefully built and costly fireplaces often fail to radiate sufficient warmth or to draw properly; or they smoke, or cause un-

comfortable drafts upon one's head and shoulders. Even experienced masons have not been able to know, in advance, how every fireplace would draw and warm and ventilate and satisfy.

The Heatilator, however, removes all doubt. The Heatilator is a rust-proof metal form around which the fireplace masonry is laid. It is one complete unit up to the chimney flue. Double walls provide an extra heating chamber surrounding the fire at top, back, and sides—with grille intakes and outlets. Heat ordinarily wasted is thus sent into the room. And as firebox, damper and smoke chamber are scientifically designed,

good draft and smokeless operation are unavoidable, even though an inexperienced mason makes the installation. The scope for architectural variation is unlimited. And savings in labor, material and fuel more than equal the cost.

We *Guarantee* no smoke, perfect ventilation, double heat from same fuel, and complete satisfaction—or we will refund the purchase price with a liberal extra allowance for removal and return. Before you buy or rent a home, see whether the fireplaces are Heatilator-built. Before you build, be sure that Heatilators are specified and then installed.

Heatilators are made in many sizes. Write for address of nearest distributor. Plan sheets sent free on request. Mail the coupon below.

THE HEATILATOR COMPANY

713 Glen Avenue, Colvin Sta.

Syracuse, New York

## Heatilator Fireplace Unit



Diagram shows Heatilator installed in fireplace shown above. Cold-air intakes and warm-air outlets may be placed wherever desired, and masonry may be of any material and design.



Heatilator Company, 713 Glen Avenue, Colvin Station, Syracuse, N. Y.  
Without charge or obligation, please send plan sheets.

Name .....  
Address .....



DO YOU KNOW THAT

SOME DRAPERIES absorb light..WHILE OTHERS reflect it?



Many such interesting subjects are discussed in this valuable guide to artistic colorful interiors. Send for it!

WOMEN who like to depend on their own ingenuity to decorate their homes individually, beautifully, and economically, will find this guide of tremendous interest and help. "Color and Design—Dominant Notes of the Modern Home," written by Marcia Meadows, Interior Decorator, treats in a fascinating way the outstanding characteristics of various "periods" . . . the emotional effect of different colors . . . the proper length and width for draperies. It contains photographs in full color of actual rooms decorated with beautiful Colonial Town and Country Cretonnes and Colonial Chintzes. There are among them designs of rare loveliness or unique patterns that intrigue one's fancy at once. You should find these materials readily at the better stores—if you have any difficulty, a word to us will bring you the names.

The coupon below and 25c will bring you the valuable guide to friendly, radiant interiors—"Color and Design—Dominant Notes of the Modern Home," written by Marcia Meadows, Interior Decorator. Send for it!

ASK FOR THEM BY NAME  
**COLONIAL**  
 CRETONNES AND VARIED DRAPERY FABRICS  
 A product of  
 MARSHALL FIELD & COMPANY  
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MARCIA MEADOWS  
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Enclosed find 25c for which send me the 32-page book, "Color and Design—Dominant Notes of the Modern Home."

Name .....  
 Address .....  
 Town ..... State .....



The Pembroke table is beautiful in proportion, and can go far toward "lifting" the room. (Courtesy James McCreery & Co.)

### When we go a furnishing

Continued from page 420

You will unquestionably discover that the minute you have pulled the big sofa over into its place by the window, it can not stay there alone! You need a small table either by its side or in front of it, slightly at the side, on which lamp, book, pipe can be placed. If it is in front you should be careful not to have it too high, for two reasons. First, it does not look well to have an obstacle in front of the sofa. Second, it is not convenient to reach up to it. If it is at the side, it is easier to have it at least high enough so that both lamp and books are easily reached; also so that the arm of the sofa does not loom up between the seat of the latter and the horizontal surface of the table. That is not pleasant design. The purchase of this table is obviously important.

The moment that the table is decided upon, a chair can usually be placed near it so as to form a pleasant group. This can be one of the old ones if necessary. Simply try to select one of these old ones that will not appear too large or awkward in contrast to the table and sofa. It should not loom out into the room because of its size. A smaller chair would make a pleasing line jutting into a room where a large one would call too much attention to itself. But the addition of the table has made this grouping possible.

In similar fashion, once the rearrangement has started and furniture becomes a matter of grouping with livable units instead of being stretched around the walls to fill in space, we are likely to discover one wall space that is a hole! Nothing has been left to place there. Grouping used up all of the chairs and the tables. This is often the case and the reason why some rooms appear so awkward. They actually are "bare." Please don't try to picture as an ideal the old-time Victorian clutter with only half-inch spaces left unoccupied! Some of us remember "dusting the parlor" in those days when whatnots held bric-a-brac in generous quantity. But the art of getting this room of ours attractive *does* lie partly in a sufficient supply of furniture, chosen

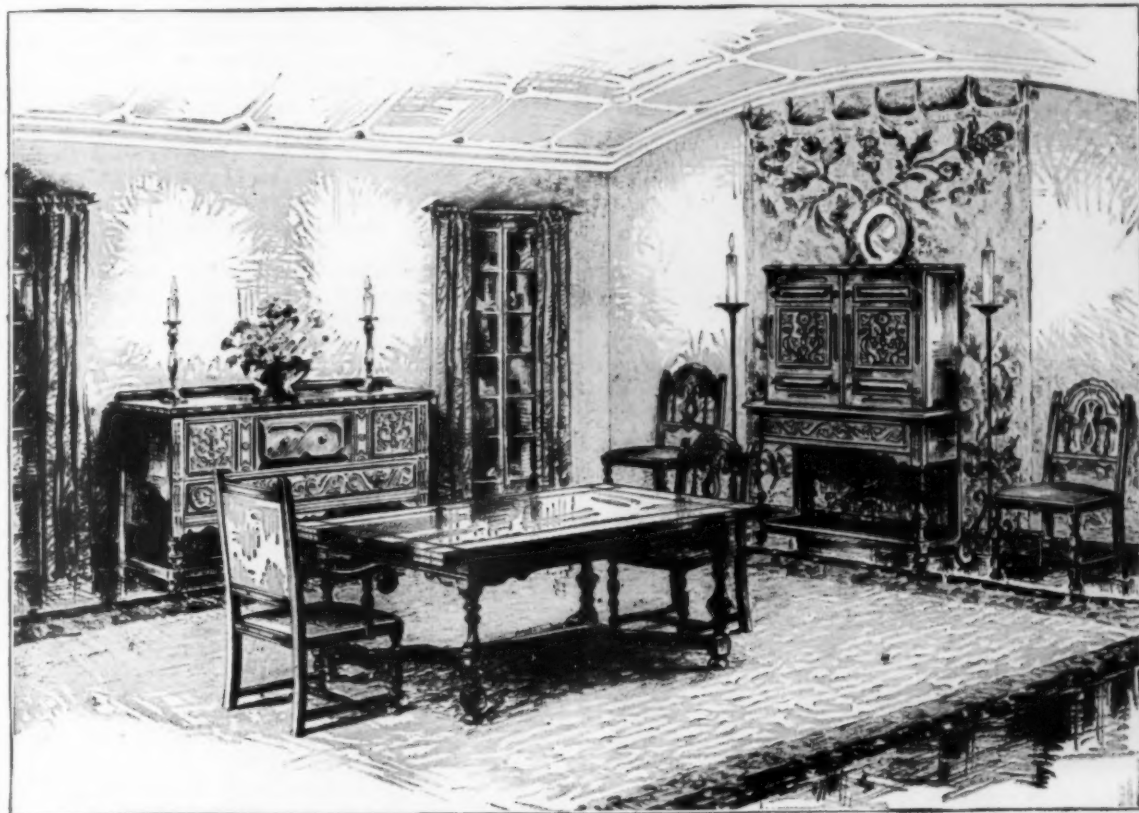
for both comfort and appearance, and so placed as to make a genial, harmonious arrangement in conjunction with the already existing placement of door and windows.

For example, to be very specific, suppose we have a blank room end that is without doors and windows. In making our rearrangement for "living groups," there has been nothing left to place on that wall. Suppose the room is as shown in the diagram. Wall X has been left with a huge hole because there was no more furniture for it when we moved the radio over to 1 in back of chair 2. The small bookcase balances this at wall end Y but wall end X is bare. What will balance Y and be weight enough for the fireplace-big sofa balance, at the same time not be overpowering and call too much attention to that end of the room? The back of chair 3 is fairly high. Let's call it a wing chair. This means that its back makes a definite shape silhouetted against the wall Y and if we add a bridge lamp a little at the back and toward the right we have set our composition for that corner without the addition of a single object.

Similarly in the right corner, the height and weight of the lamp on the table at the end of the big sofa fills the space. This means that our problem is quite simple. If we can afford it, a small secretary desk with interesting chair would be delightful, with perhaps an arm chair of some type at the side that can be drawn easily into the other groups when company comes. This should be a simple piece of furniture not too high and wide to balance with fireplace and sofa. If Mr. Budget can not stand this expense, a simple table with picture over it will do the trick. This might be a round table, not too large, with a lamp; it might be a gate-leg table either round or with oval top; it might be a simple oblong table of some kind, such as a Pembroke or even a perfectly plain affair painted in excellent color. This latter suggestion is, of course, very inexpensive and might work (continued on page 424)



NUMBER ONE OF A SERIES OF ROOM INTERIORS BY AMERICA'S FOREMOST DECORATORS



DETAILS OF THE ROOM AS ARRANGED BY THIS INTERIOR DECORATING AUTHORITY ARE GIVEN BELOW

*The WENHAM SUITE Enhances the Jacobean Charm of this Dining Room—arranged by JUDD ALLEN of BARKER BROS., Los Angeles.*



*Judd Allen  
Nationally known home  
decoration counsellor for  
Barker Bros., Los Angeles*

Leading furniture stores throughout America are now displaying the Wenham Suite by Berkey & Gay.

In creating the exquisite dining room pictured here, Judd Allen of Barker Bros., Los Angeles, has demonstrated conclusively that beautiful and fashionable effects are possible at very moderate cost. To accentuate the stately and hospitable charm of Jacobean days, in a modern fashion, Mr. Allen selected the Wenham Suite by Berkey & Gay

Like all Berkey & Gay Suites, the Wenham presents an interesting combination of fine woods, exquisitely wrought by master craftsmen.

Hand-carved door panels on sideboard and china cabinet, richly figured and selected woods, and the hand-rubbed,

mellow finish are typical of quality and workmanship that have distinguished all Berkey & Gay Shop Marked Furniture for three-quarters of a century.

Your Berkey & Gay dealer is now displaying the Wenham Suite—as well as an

*Details of the Room*—In creating this room Judd Allen has specified a color scheme of tan, orange and blue and tête de negre. Ceiling in flat old ivory and walls in dull tan to harmonize pleasantly with the rich, dark tones of the Wenham Suite. Floor planks are of oak, uneven width, shellaced to a dark finish and waxed. The floor

covering is a hand-made wool carpet, blue and orange in tone. Orange hued window curtains are of figured goat's hair wool, lined and interlined with sateen. The wall hanging is of wool embroidery from India, dyed deep orange. Decorative accessories include a pewter plaque on the cabinet, flanked by church candles in old

assortment of other Berkey & Gay bedroom and dining room creations, equally charming, equally correct in style and flawless in quality. Watch your local newspaper for dealer's announcements of this special showing.

BERKEY & GAY SUITES ARE PRICED from \$200 to \$6000

iron floor torchieres. On the sideboard, a large blue mixing bowl with natural flowers in season.

Similar suggestions for room interiors are numerous in the new 1929 edition of the "Furniture Style Book", which includes a new chapter on Art Moderne. This book is endorsed by America's leading decorative authorities. Send fifty cents in stamps or coin for your copy.

# Berkey & Gay Furniture

BERKEY & GAY FURNITURE COMPANY, GRAND RAPIDS, MICHIGAN : FOUNDED 1853 : NEW YORK WHOLESALE SHOWROOM, 113 WEST 40th ST. GRAND RAPIDS UPHOLSTERING COMPANY, LIVING ROOM FURNITURE, CREATED BY BERKEY & GAY DESIGNERS



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*"The pathway that blends naturally  
with its environment"*

OF variegated natural colors **Mettowee Stone** is rapidly displacing the cold, meaningless slabs of ordinary flagging. And irregular shaped pieces are, too, a modern development expressing an alluring sense of informality. Porch floors, terraces and interior floors also are places where this charming flagstone displays its harmonizing beauty.

Your nearest building material dealer will be glad to show you samples and places where it has been installed. If he does not carry it, write for the name of our nearest dealer who does. Also our illustrated pamphlet "S" will be mailed upon request.



**VENDOR SLATE CO.**  
• EASTON • PENNSYLVANIA •



## When we go a furnishing

*Continued from page 422*

out very attractively. A coat of lacquer can do wonders under these conditions. If the picture is not forthcoming, a mirror can be used here to excellent advantage. Of course, this is also an excellent place for bookcase or bookshelves painted or in more elaborate form. (The following is a key to the diagram on page 396: 1, radio; 2, chair; 3, chair; 4, chair; 5, new secretary desk; 6, straight chair; 7, arm chair, like 6; 8, standing lamp; 9, low stand; 10, bookcases; 12, small table; 13, lamp.)

In any case, when "holes" occur in this rearrangement of our rooms, we must try to see: (1) what size the additional piece of furniture may be, (2) what use would be normal in that position, and (3) what general shape would be good—high, low, wide, narrow, bulky or thin. In the illustration used, either a bulky thing such as a bookcase, or a high thing such as a secretary desk, or a light thing such as a table and mirror, would be good. But there are often holes where the table and mirror would be better than the uncompromising bulk of the bookcase because they would be less solid and massive. They would "cut up" the space in less monotonous fashion.

How can we decide what character these pieces should be? That depends entirely upon what you already have. Nevertheless, there are some general rules that should be of definite assistance regardless of your specific type of furniture. For example, if you will look closely at the first photograph, you will see that there is a certain similarity in the general character of the various pieces of furniture. They are widely different in shape and proportion but they feel as though they belonged together. A little closer study will show us the reason why this fact is true. First, note the simple solid lines and mass of the table desk. It is sturdy and strong; direct and straightforward. Now look at the desk chair shown at the back. Although much more ornate, it has a similar sort of sturdiness and feeling of mass. These qualities render it wholly harmonious with the desk.

Now study the lamp. It is not in the least "finicky." The pottery base is as solid as the desk, and has the added advantage of height to contrast with the long flat desk top. A squatty lamp or a very round one would have been clumsy, too much repetition. The chair at the right is not massive but it is simple enough in line to go with the desk and not too light for pleasant contrast. And the big chair on the left with its amiable curves suggests exactly the same kind of not too massive form. Please note that this chair gives another sort of pleasant, but not over-strong, contrast to the other forms.

All of these points show what I mean by proper selection of furniture of similar character. If you will look at your own furniture with careful scrutiny, you will find that it will give you definite ideas of weight, simplicity, size—ornateness or lightness. And your new pieces must be in accord. They may be very much finer in design, but if you keep these same

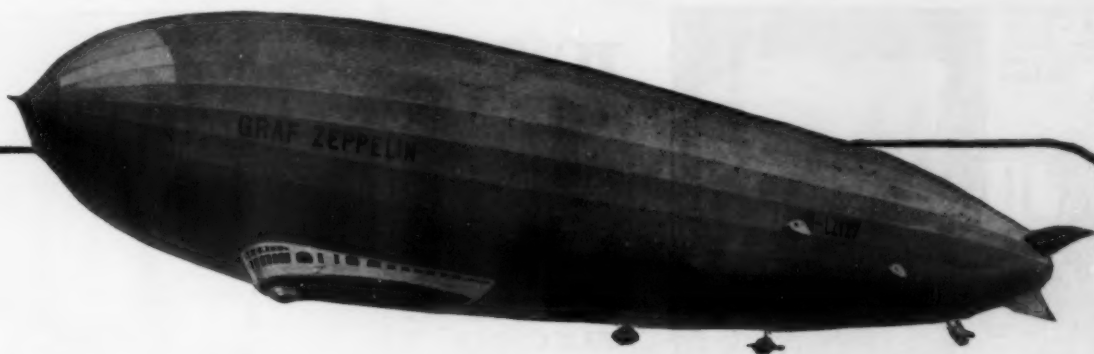
general design characteristics you will find that what I said earlier in the article will come true. The new piece will "lift" the room—without making its newness felt as too strongly dominant.

Our last question "how can we be certain of the standard of our design?" is a little easier to discuss in an article. There are a great many good simple pieces of furniture which are excellent in design and moderate in price. The pictures show several quite typical pieces and the captions explain their good points. Keep points of this kind in mind when you go a-shopping, they will help you to make good selections. Remember always that the ornate thing has to be done with masterly skill in order to be good. And the market is full of terrible things that are supposed to look "rich." They are as bad as the very worst of the much-laughed-at Victorian pieces. It is never because of much ornament that a piece of furniture is beautiful, worth owning. It is always the same basis of selection either with or without ornament, the design can be seen easily, pleasantly, without undue strain on our attention. The moment we are jerked from the leg to the arm to the top of the back without being able to take a breath, we can be sure that the article lacks that primary essential of design—unity—without which there is no art of any kind.

The most elaborate French chair may be so easy in its elaborateness as to be a joy. The simplest of modern surfaces may be so ungainly in contour as to wholly distract and disperse our attention. On the other hand, quite the contrary may be true, in the case of either example. It is never merely a case of ornament or no ornament. Rather is it a case of the perfect adaptation of the ornament to the shape so that it makes the big areas more beautiful and does not call attention to itself.

I watched a young couple not so long ago buying a bedroom suite. They wanted something more ornamented than what the salesman showed them. He couldn't help himself. He had to sell what they asked for, and it was frankly terrible. They chose an elaborate and expensive suite badly and excessively ornamented. Half the money would have bought something much better in design. I have also watched people with the modern art—some of which is beautiful and some terrible. They have not yet learned to apply fundamental design principles to the new mode and demand good proportion in these simple forms—the lack of this is an artistic crime just as atrocious in "modern" as in Louis XV. Good judgment in design is as necessary for wise investment as is knowledge of the structure of the furniture, and if we buy those few additional pieces with soundness of artistic judgment we not only make our room better for the present but likewise add the possibility of fine design for later times when we can spend a little more. It is worthwhile to substitute knowing for following other people and for guessing.





"I smoke a Lucky instead of eating sweets."

*Grace M. Hay Drummond Hay*  
Lady Grace Drummond Hay,  
only female passenger on the Graf Zeppelin.



"The fact that we were not permitted to smoke from the time the Graf Zeppelin left Friedrichshafen until we landed at Lakehurst only increased my appetite for a Lucky Strike. Oh, how good that first one tasted! I'm really keen for Lucky Strike—the toasted flavor is delightful. I smoke a Lucky instead of eating sweets—that's what many men have been doing for years. I think it high time we women smoked Luckies and kept our figures trim."

LADY GRACE DRUMMOND HAY

The modern common sense way—reach for a Lucky instead of a fattening sweet. Thousands are doing it—men keep healthy and fit, women retain a trim figure.

Lucky Strike, the finest tobaccos, skilfully blended, then toasted to develop a flavor which is a delightful alternative for that craving for fattening sweets.

Toasting frees Lucky Strike from impurities. 20,679 physicians recognize this when they say Luckies are less irritating than other cigarettes. That's why folks say: "It's good to smoke Luckies."

A reasonable proportion of sugar in the diet is recommended, but the authorities are overwhelming that too many fattening sweets are harmful. So, for moderation's sake we say:—

"REACH FOR A LUCKY INSTEAD OF A SWEET."

"It's toasted"

No Throat Irritation - No Cough.

Coast to coast radio hook-up every Saturday night through the National Broadcasting Company's network. The Lucky Strike Dance Orchestra in "The Tunes that made Broadway, Broadway."

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Reach for a Lucky instead of a sweet.

Lady Grace Drummond Hay, first woman to fly the Atlantic from Europe to the United States.

Model No. 115  
Portable Electric  
Dishwasher Cabinet  
—3 Colors and  
White. Side leaves  
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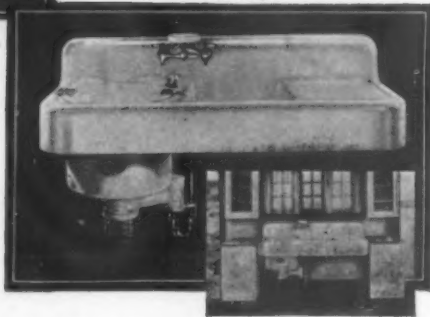
**TO BE  
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START WITH A  
Modern Kitchen  
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WALKER  
ELECTRIC  
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Model No. 114 combination  
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**I**F you would be really modern and progressive (and modern living demands that of modern women)—you must disapprove of hand dishwashing.

If you really believed a simple machine could actually solve this age-old problem and you could have it without embarrassing your household budget, you would jump at the opportunity—wouldn't you?

You now have such an opportunity—any one of the new WALKER Models will banish

all old prejudice and skepticism you may have had toward earlier types of dishwashing machines.

Your electrical dealer will furnish the portable machine for demonstration and sell it on easy terms. For WALKER Dishwasher-Sinks, consult your Plumber. WALKER DISHWASHER CORP., Dept. 1701, 246 Walton St., Syracuse, N. Y.

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FOR HOME BETTERMENT. LET US NAME DEALER  
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Ask our Kitchen Planning Dept. to prepare layout for your old or new kitchen without obligation. Send for Booklet, but also fill out rest of coupon.



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Send Booklet, "The Dawn of a New Day in Your Kitchen", and special information about  Electric Dishwasher Sink  Electric Dishwasher Cabinet  Send instruction sheet for kitchen floor plans  I would like a demonstration.

Name .....

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(Names of your architect, plumber and electrical dealer appreciated)



Time and labor saving arrangement for the long narrow kitchen. (Built-in Products Co.)

## Outfitting the kitchen for convenience

Continued from page 398

No room is pleasant to work in that is not properly lighted and ventilated. Two windows in the kitchen, affording a cross draught, are desirable, but a small room can be kept quite comfortable with one window and a ventilator. In most model kitchens to-day the windows are high, giving wall space underneath for sink or work table, and enabling the hot air and odors of cooking to be easily drained off. Electric ventilators, which are growing in popularity, are of three kinds: the portable type, which can be hung up over a window and moved when the family moves; the built-in type, which cuts off no light but must be put in when the house is constructed; and the more elaborate type which is installed in a hood over the range. All of these ventilators, of course, are run by motors; they are simply glorified electric fans, which can be turned on and off and set, at will, either to force the hot air out of doors or suck the cold air in.

Not only should the kitchen, for comfort, have sufficient daylight, but also well placed and ample artificial light. The best illumination comes from one light of about 100 watt intensity in the center of the ceiling and one drop light over the sink, work table and cabinet if there is one which does not receive sufficient illumination from the ceiling light. Avoid, as you would the pestilence, a hanging light in the middle of the room; because of it, almost anywhere you go, you will have to work in your own shadow. Another lighting device that will add to the comfort of the kitchen is to have all illumination controlled by a side wall switch at the door, so there need be no groping in the dark. This is especially desirable in a kitchen because there is danger of getting a severe shock from turning on a lamp switch with wet hands.

In studying these new work shops of the present-day homemakers it is easily seen that kitchen work has become practically automatic for

the housewife who is alert enough, and financially able, to equip her kitchen with all the up-to-date devices by which electricity and gas do most of her work and much of her thinking for her. First, and most important, is the stove. Gas is still the quicker (and in most communities the cheaper) method of cooking, but electricity is becoming increasingly popular because of its greater cleanliness and its greater adaptability to automatic control. As more and more electricity is used, there is also a tendency to reduce the power rate. Undoubtedly the most fool proof and the most labor saving stove in existence is the electric wonder in whose oven a prepared meal may be placed in the morning and a device set which will turn on the heat at any desired time, keep it going at any desired temperature, and turn it off, also at a prearranged time. Some electric stoves have the added charm of fireless cooker attachments, which limit considerably the length of time during which heat must be used in cooking. Many types of both gas and electric stoves carry automatic temperature controls which are great savers of time and thought.

There are many styles of both gas and electric stoves, but it is a good idea, other things being equal, to buy one which has a high, rather than a low oven, to avoid the constant stooping. Glass doors, through which one can watch the progress of a meal, are also labor savers.

There are few items of kitchen equipment that can do more to mar or make pleasant the hours spent there than the sink. For achieving convenient sinks, here are a few rules. First: Have the sink the right height; don't have it too low. For the woman of average stature, the top of the sink rim should be 36 inches from the floor. Sinks may be bought with legs having two inches of adjustment. Second: Have two drainboards, one on each side. If there is no room for a permanent left hand drainboard, one (continued on page 430)





# Build for those far-off days

IN every human heart there lies that pleasant dream of calm and quiet ease, of peace and friends about us. We may not voice it much, perhaps, but still it is the urge which prompts us, when we build or buy, to seek for lasting things.

And when we build, and seek for permanence, we ought to build with brick. Nothing else will last as long and cost our purse as little in the end. It is immune to all the ravishings of storm and fire and rot. . . . And it is beautiful, beautiful as autumn leaves are beautiful on wooded hills.

It has no structural, no type, no period limitations. In some treatment or style of laying it will render any house there is to build in utmost faithfulness and charm.

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THIS bronze brick set in a wall certifies it to be SOUND MASONRY. It guarantees:

*Beauty—Permanence—Low Upkeep Cost—Fire Protection—Resale Value—Warmth in Winter—Coolness in Summer—Vermin Proofing.*

Demand it in the home you build or buy. The district offices listed or any member will gladly furnish complete information.

# BRICK

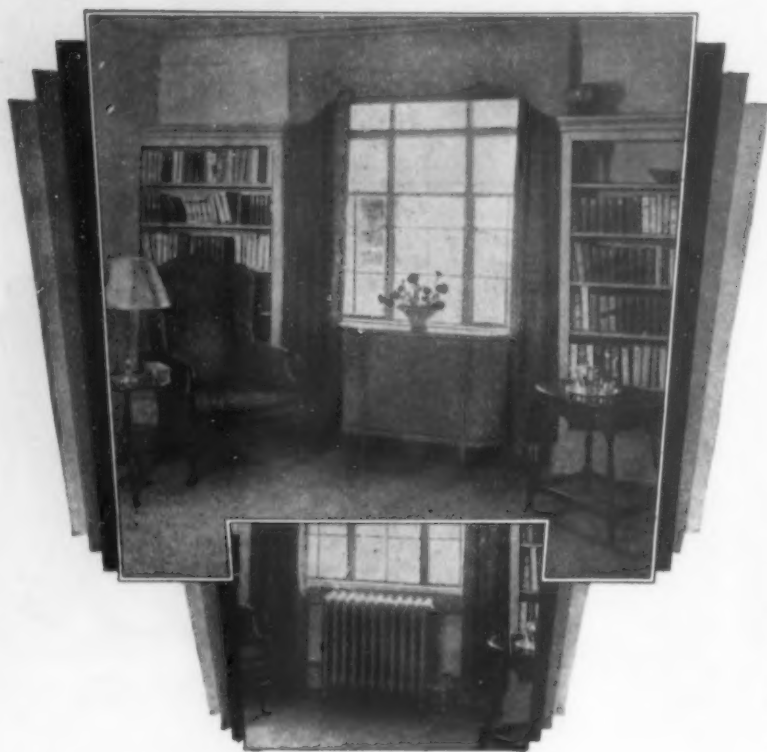
*beauty forever*

Clip and Mail This TODAY

Without charge, please send me a copy of "Planning Your Home." I am enclosing cash or stamps for the booklets checked.

- "Homes of Lasting Charm" 25c.
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## THERE GOES THE RADIATOR!



The BEFORE and AFTER of TUTTLE & BAILEY Radiator Furniture. The pictures mean more than words.

**T**HE *uncovered* radiator is out! Out of vogue and out of sight. For what has always been a decorative discord is now converted into a charming home appointment by Tuttle & Bailey Radiator Furniture. Wasted radiator space becomes highly useful, for this new furniture assumes various modern forms, such as window seats, book and flower shelves, and consoles, depending upon size and shape of the radiator—Tuttle & Bailey Radiator Cabinets are made wholly of furniture metal—truly exemplifying the artistry of fine cabinet making. The finished product is a dignified unit of furniture worthy of a place in the most select surroundings. Mail coupon for booklet showing various models, which can be furnished to fit any size or shape radiator—in any color or finish to match woodwork.

*T & B Cabinets also protect walls and curtains from radiator smudge—keep air properly humidified—reduce fuel costs.*

## TUTTLE & BAILEY MFG CO.

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441 Lexington Ave., N. Y. City  
Please send booklet showing your all-metal Radiator Furniture.

Name.....  
Address.....

## Outfitting the kitchen for convenience

Continued from page 428

can sometimes be fastened to the wall on hinges and let down when not in use. Wooden drainboards are very satisfactory and less likely to break dishes than those of enamel or zinc. Third: A swinging faucet for hot and cold water mixed and an extra attachment for hose and spray are great labor savers. These are accepted parts of the equipment of most first class kitchen sinks, and, given plenty of boiling hot water, reduce the labor of washing and drying dishes almost to nothing.

There should be a narrow shelf either just above or just to one side of the sink to hold washing powder, soap and other aids to cleanliness.

Dish washers for small families have never attained wide popularity, probably because, with most of them, there is the obvious and more or less awkwardly met problem of getting the water into the washer and getting it out again. There is now on the market, however, a dish washing machine which meets these difficulties, since it is built directly into the sink on one side, is reached by the swinging faucet, and empties down the sink drain pipe. It is, of course, operated by electricity. The most labor saving material for kitchen sinks is stainless enamel, and the best fittings are of a new metal which looks like nickel but does not discolor.

Occupying the center of the stage to-day, among the kitchen equipment chorus, is the refrigerator. The palm for labor saving undoubtedly goes to the mechanically cooled refrigerators whether cooled by electricity, gas or oil. A real saving in money, time and labor are the new refrigerators.

After a kitchen has been provided with the three essentials—stove, refrigerator and sink—one faces the problem of work table and closet and cupboard space for a large assortment of food and utensils. Here then is the chance to show real ingenuity and imagination, for the possible combinations are almost limitless. Built-in cupboards may now be bought of every conceivable shape and size and for every conceivable purpose. For the woman who owns her own home they have many advantages, as they can be adapted to any space and, since they usually extend from floor to ceiling, leave no space to collect dirt below or above. They may be bought in units and fitted together—units for storing china, for pots and pans, for canned goods, for vegetables, for flour, sugar, tea, salt and similar cooking accessories, for jams and jellies, for brooms, mops and cleaning utensils, for ironing boards, for sinks and for refrigerators. They are very economical of space and labor. Almost all up-to-date kitchens now have built-in ironing boards, but a new feature is a built-in breakfast nook—table and benches for four people—which, when not in use, folds into a little wall closet no bigger than the surface of the table and only a few inches deep. If the kitchen is quite small, this table may serve not only as a breakfast table, but as a kitchen work table, with the extra advantage that the owner may sit down while

she is preparing vegetables and doing similar chores. For this purpose, folding breakfast units may be bought whose tables have enameled tops.

Probably more back breaking work in the kitchen has been saved by electrical laundry equipment than by any other class of kitchen mechanical helpers. There are ironers which stand on one leg and when not in use fold into a very small space; there are others which serve as work tables during their off hours. There are electric hand irons which have automatic heat control, turning the electricity off when it reaches ironing temperature and turning it on again when the iron has cooled; there are wall switches which serve the same purpose by flashing a red light when the current is on. For ease in work, ironing boards should be about 32 inches from the floor, depending, of course, on the height of the worker.

Various electrical maids-of-all-work may now be bought that will do many kitchen chores for you, such as peeling vegetables and fruit, sharpening knives, polishing silver, beating cream, eggs and mayonnaise, mixing food, freezing ice cream, grinding coffee, etc.

The question of the convenient arrangement of kitchen equipment has been so thoroughly and scientifically worked out by the United States Department of Agriculture that there is little one can add to their advice. Every woman who is planning a kitchen should send for Farmer's Bulletin No. 1513. (Send all requests to Dept. of Agriculture, Washington, D. C.) It points out that there are, in general, four stages in kitchen work; (1) Preparing the food; (2) cooking it; (3) serving it; (4) washing the dishes afterward. To save steps, everything connected with each process should be grouped together. Near the work table should be the bowls, mixers, beaters, pots in which food is put before they are placed on the stove, bins for vegetables, flour and meal and cupboards for canned goods and groceries, as well as garbage tin, waste basket and high stool. Another convenience is a wall shelf near the outer door, to receive groceries.

The cooking center, which of course consists principally of the stove, should also have near by frying pans and similar pots which are heated before food is put into them, ladles and spoons for cooking and stirring, and a heat proof table on which to put hot dishes.

The serving center should be near the stove and near the dining room door, in close proximity to the china closet, also near the dining room door. The china closet should be the dish-washing center, so that clean dishes may be easily replaced after they are washed. One of the greatest conveniences in serving and taking away soiled dishes is the pass closet or pass cabinet, which is a china closet on the dining room side, a kitchen cabinet on the kitchen side, the two separated by a sliding door through which hot food may be passed into the dining room and dishes taken out.



# ADEQUATE HEAT FOR EVERY ROOM GUARANTEED



## The desperate drive of the cold family Robinson for their 72 degrees

It may seem that the cold family Robinson is going a little far in its drive for a 72° temperature—but they're rather cracked on the subject.

They paid enough for their heater—it ought to give the heat—and as Father says, throwing in a foot stool—"there's no darn reason why they shouldn't get it."

Junior, upstairs in the bathroom, is signalling down that the temperature there is only 56°. . . . Even the porch furniture has raised it only 2°. Mother is calling down the cellar stairs that "she'd freeze to death in the kitchen if it wasn't for the gas oven—and, for Heaven's sakes if maybe they'd poke the fire a bit". . . . Father's answer is not fit for publication. . . . and Maybelle keeps on splitting up the kitchen chairs. . . .

Now if the cold family Robinson had only used the International plan of guaranteed room-heat, they'd have had no troubles.

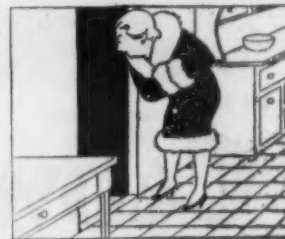
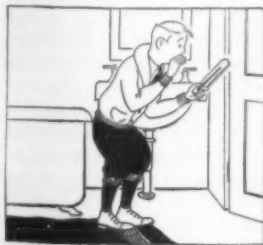
No heater can give satisfaction without proper installation work. And vice versa. So the Inter-

national Heater Company and thousands of its selected dealers have worked out a cooperative plan which results in an absolute guarantee of adequate heat for every room in every building of reasonably sound construction.

If you prefer warm-air heat, you can have an International Blue-Front Economy or Self-Cleaning Carton Furnace installed with a guarantee that every room can be brought up to 72° and so maintained in any weather.

If you prefer steam, hot water or vapor heat, you can get an International Economy Boiler installed with the same guarantee.

These installations are made for efficiency—not peak—loads, according to best engineering standards. Installation and fuel costs therefore represent minimum expense with maximum efficiency, and every question of satisfactory heat is completely answered. Service extends to every part of the United States. The coupon will bring full particulars to you.



# INTERNATIONAL HEATER COMPANY

UTICA, N. Y., U.S.A.

MAKERS OF WARM AIR FURNACES AND STEAM AND HOT WATER HEATING BOILERS

International Heater Co., Utica, N. Y., (Dept. 100). Without obligation, please send full information about "Complete Heating Systems Guaranteed." Type of building.....

Heater..... Fuel..... Name and Address.....



**“...and she asked for a scarf”**

“Henry, this house *must* be made warmer! At our bridge party today, Mrs. Roberts was all set for a grand slam when your sister Cora complained of being cold. She asked for a scarf and I had to go upstairs for it. That seemed to peeve Mrs. R. and she left early breaking up the game. I'd just like to know what is wrong with our boiler. Some of the radiators are always partly cold.”



For steam heat only

The boiler is all right, it's the radiator valve. A defective valve will not let the cold air out so the steam can get in and heat it from end to end. Two or three sections are always cold, no matter how much you force the fire.

Replace the old valve with the Cadwell No. 10. It quickly, silently and automatically expels all the cold air and lets in the steam. It always works, and is guaranteed for five years. Install one yourself on that stubborn radiator. Send no money, just mail the coupon.

# CADWELL No. 10 AIR VALVE

Makes the Radiator hot from end to end

THE BEATON & CADWELL MFG. CO.

Established 1894

NEW BRITAIN, CONN.

Send No Money

The BEATON & CADWELL MFG. CO.  
Dept. 2, New Britain, Conn.  
If your dealer cannot supply you with the Cadwell No. 10 Air Valve, send us his name and we will send you one valve for \$1. Send no money; pay the post-man \$1 when it arrives.  
Name.....  
Address.....



Convenience and the best of plumbing fixtures characterize the bathroom in the modern home

## Building for health

Continued from page 395

plumbing has been still further deepened by lack of salesmanship on the part of some general contractors who have given prospective builders the impression that building a home is a complicated operation which no one but an expert can understand.

The truth is that the building of a house need not be a complicated matter and should cause no regret to the owner either in the process of construction or during the years that it is lived in, providing the owner chooses his materials and fixtures carefully and wisely, heeds the advice of experts, and deals only with responsible and established builders.

This advice applies with especial force to the man and woman who are selecting the plumbing fixtures for a home. Could the millions of Americans who in years past have built homes stand before a microphone and give their advice to the prospective builder, it would be unanimously "Buy good plumbing fixtures."

This is the consensus of opinion on plumbing fixtures for three reasons. In the first place, there is a direct relation between plumbing fixtures and health; in the second place, inferior plumbing fixtures are not durable and hence most expensive over a period of years; and last, the good fixture is built for a lifetime of service and retains its beauty and lustre indefinitely.

The relation between plumbing and health has been recognized by 857 cities and 15 states which have enacted laws and ordinances regulating the manner in which plumbing fixtures shall be installed. Unfortunately, not all of these are enforced. However, the homeowner who deals with a master plumber of established reputation will be safe whether there is a city ordinance or not.

The typical sanitary ordinance outlines the methods by which connections must be made, specifies the installation of waste lines, gives definite rulings on the installation of traps and vents, and indicates how fixtures should be installed.

Thus a sanitary code protects the homeowner against himself as well as against an irresponsible plumber.

By specifying the number and manner in which traps and vents shall be connected, the home is protected against sewer gas and against contamination of the water supply.

In this manner, forward-looking cities have done everything in their power to guarantee to homeowners the full benefits from their plumbing equipment and have endeavored to assure them of the minimum cost of upkeep. Unfortunately, cities cannot regulate the quality of fixtures that shall be installed. This is still left to the judgment of the individual building his home. The result is that many who find that the cost of a home is going to exceed their original estimate, seek a place to cut costs and often buy plumbing fixtures of inferior quality under the delusion that this is economy.

In plumbing fixtures as in other things, the purchaser gets what he pays for. Cheap plumbing fixtures do not have good enamel. The fixture proper is also of a much cheaper and thinner material. If the purchaser were to compare this cheaper grade of fixture with one of quality, he would soon see the difference in the appearance. These fixtures do not have the snow-white finish that the quality fixture has. They are of a yellow shade with a poor grade of enamel that in time turns to a darker yellow, chips easily and eventually becomes porous. When the enamel surface is in this condition, it is very hard to clean and catches the filth from the waste water, making it an ideal breeding place for dangerous germs. Quality fixtures have a grade of enamel which retains its snow-white finish. They are very easy to clean. These quality fixtures can be purchased with an acid-resisting finish which will not become marred by the acids contained in fruits, vegetables, and medicines.

Various grades of fixture trimmings such as faucets, traps, and waste pipes are on the market. Here again, quality pays. Cheap faucets will give trouble sooner or later. It will not be long before they will not shut tight and this will lead to dripping of water which may discolor the enameled surface of the lavatory, tub, or sink. (continued on page 500)



## REAL GAS FOR HOMES BEYOND THE GAS MAINS



**“I am delighted with Pyrofax Gas  
Could not get along without it. It is wonderful.” Mrs. W—, Ohio**

WOULDN'T you be just as enthusiastic as the woman who writes this letter to us, if you could have a splendid new gas range in your kitchen, even though you live miles and miles from a city gas main? Certainly you would, particularly if it were one of the most modern of ranges, perhaps one enameled in pleasant color, one fitted with a heat regulator to cook and bake perfectly without your attention. You can have such a range and actual gas to cook with no matter where you live—with Pyrofax.

Pyrofax is real gas stored in steel cylinders — each cylinder with enough gas to serve an average family two to three months. A large national organization markets Pyrofax and maintains

#### Convenient Terms

Prices of Pyrofax equipment completely installed, including gas range, exclusive of gas, **\$150** and up pending on range selected and cost of installation.

A small down payment enables you to start cooking with gas at once. Spread the balance over a full year.

a delivery service from hundreds of stations to thousands of users—to homes and schools and institutions everywhere in suburbs and country districts that do not have city gas.

We know that you will be interested in the handsome gas ranges that every Pyrofax dealer can show you. There are models in immaculate white and gleaming nickel, or in the charming new

color combinations — modern ranges, every one, with every up-to-the-minute feature. Surely, these days every woman, no matter where she lives, deserves the comfort and convenience of so essential a thing as a modern range. You can have the kind of gas range you like most—and a real gas cooking service—for a small initial payment. And the balance of the price of range and gas can be extended over a year's easy payments if you like.

The cost of equipment, *including gas range*, exclusive of gas, is \$150 and up, depending on the equipment selected and the cost of installation. May we send you some of the very interesting literature we have prepared about Pyrofax? Return the coupon.

**P Y R O F A X D I V I S I O N  
CARBIDE AND CARBON CHEMICALS CORPORATION**

Unit of Union Carbide **UCC** and Carbon Corporation

Carbide and Carbon Building, 30 East 42nd Street, New York

BOSTON—1017 Old South Bldg. DETROIT—General Motors Bldg. SAN FRANCISCO—114 Sansome St.  
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(Please address office nearest you)

Please send me some of your interesting literature on Pyrofax and the name of the nearest dealer.

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A.B.-2

# They Keep Right On



House on Hawthorne Terrace, Portland, Oregon. Architect, Wade Pipes. Contractor Nels Nelson. Cabot's Creosote Shingle Stains on Roof and Siding. Insulated with Cabot's Quilt and trimmed with Cabot's Collopalges

In 1882 Samuel Cabot invented Cabot's Creosote Shingle Stains.

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Ever since then, they have been used by people who wanted the most economical job in the long run.

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These standard Stains have been constantly improved in the Cabot Research Laboratories and are more penetrating and lasting than ever.

Write today for latest information using the coupon below

## Cabot's Creosote Shingle Stains

The Standard Exterior Stains of America

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*Samuel Cabot*  
Incorporated

BOSTON, MASS. Offices also in  
New York, Chicago, Philadelphia, Los  
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Please send me full information on  
CABOT'S CREOSOTE SHINGLE STAINS

Name .....

Address .....

A. H. 2-29



## To own or to rent?

Continued from page 390

for no two families are alike in their makeup or in the spending of their income.

A more definite way to get at the value is to estimate the costs of ownership and of occupancy, and to determine whether they can be met without interfering with the expenses of the family; or, putting it another way, to budget the costs of food, clothing, education and the other personal needs. The amount left after deducting this from the income, the sum which is ordinarily spent for rent and put aside as savings, can be spent safely in the purchase of a house. This settled, the next step is to investigate the purchase costs of houses of different values.

For a definite example there may be considered one of a large group of 6-room houses built under quantity conditions in a suburb of one of the Eastern cities, each on its own lot, and the lowest price being \$4900. The minimum cash payment demanded is \$400, the buyer assuming a first mortgage of \$3000 to continue indefinitely, and a second mortgage of \$1500 to be paid off in 5 years. The monthly payments would then be as follows:

Interest on the 1st mortgage,	\$15.00
Repayment and interest 2nd mortgage,	29.00
Water, taxes and insurance,	6.00
Heat,	9.00
Repair and maintenance fund,	8.00
	<u>\$67.00</u>

As an average of \$25.00 is applied to the reduction of the 2nd mortgage, which will be wiped out in 5 years, this sum can be considered as savings, which will bring down the cost of ownership to \$42.00 a month. A cash payment of \$1900 would eliminate the 2nd mortgage and reduce the monthly payments to \$38.00; for cash in full the house could be bought for \$4600, when the charges to be met, amounting to \$23 a month, would be for the unescapable taxes, water, insurance, heat and repair.

Another house in the same group is priced at \$6900, the minimum cash payment being \$900. This will call for a first mortgage of \$4000, and a \$2000 second mortgage to be repaid in monthly installments that will cancel it in 5 years. Its purchaser would then be faced by these monthly payments:

Interest on the 1st mortgage,	\$20.00
Repayment and interest, 2nd mortgage,	38.67
Water, taxes and insurance,	7.00
Heat	10.00
Repair and maintenance fund	9.00
	<u>\$84.67</u>

Of this sum an average of \$33.33 will apply on the repayment of the 2nd mortgage; regarding this as savings the monthly costs will then be \$51.34. With an initial cash payment of \$2900 there would be no 2nd mortgage charges which would reduce the monthly expense to \$46.00 while the payment of cash in full would avoid the item of interest on the first mortgage and obtain a reduction of \$400 on the purchase price.

In generalizing on the costs of home ownership the Division of Building and Housing of the Department of Commerce bases its figures on the plan usually followed by building and loan associations which will advance up to 70% of the total costs and exact monthly repayments that will cover interest and wipe out the entire loan in about 12 years. A \$2100 cash payment (20% on a \$7000 house) would call for a loan of \$4900, and the monthly costs would be as follows:—

Interest and repayment at 12% per annum,	\$49.00
Taxes, insurance and upkeep, estimated at 4%,	23.33
Heat, estimated at	10.00
	<u>\$82.33</u>

The item of interest and repayment on the loan of \$4900 amounts to \$588 a year, or a total of \$7056 for the 12 years over which the loan runs. Deducting the amount of the loan from this sum shows that \$2156 is paid out as interest, and it follows that the smaller the amount that must be borrowed the less will be this financing cost. Herein is the most potent argument for the accumulation of a cash fund of such size that the borrowing can be kept down to a minimum.

As the savings account is the basis of home ownership, the questionnaire already referred to bore also on this point, and included requests for information on the percentage of the income that was saved, the period at which regular savings were begun, and the purpose of the savings. The association had considered a saving of 10% of the income to be satisfactory, and had taken it for granted that regular savings were hardly possible much before middle life; but the responses to these questions called for a complete recasting of such ideas. Savings of 10% of the income were found to be low rather than normal, for the bulk of the answers placed the figure between that and 35%; further, regular savings were shown to have been begun during engagement days or at marriage.

While some of the purposes of saving were for such special needs as the future education of the children the almost unanimous response to this question was the acquisition of a dwelling—for economy, for freedom and independence; for the greater safety and comfort of the children and for their bettered mental outlook.



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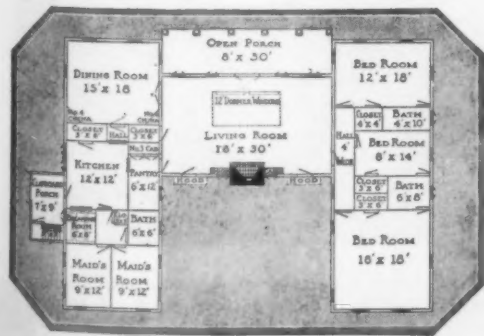
# DECIDE TO BUILD THIS CHARMING SUMMER HOME, AND PRESTO!

*you're ready to move in!*

**S**IMPLY decide now to build a Hodgson House for your summer home, and with a swiftness that almost savors of "presto chango" you're ready to move in! Into a home of simple dignity and harmony of line and contour. A home that blends gracefully with the grandeur of your mountains, or the undulating beauty of your favorite shore land.

We do the construction work for you in our factories. Your Hodgson House is built there in sections, and shipped to you ready to erect. You can put it up yourself with a little help—or, if you prefer, we will send a Hodgson construction foreman to supervise.

*Floor plan of Hodgson House shown above. Booklet also pictures and prices furnishings, garages, bird houses, dog kennels, arbors, poultry-houses, etc.*



But the best part is this: it is finished *with no fuss*—without the drawbacks of litter, confusion, waste, and unexpected expense and delay. Finished—livable, roomy and durable.

Everyone has imagined some sort of plan and arrangement. Whether you want a simple bungalow for a hunting or fishing lodge, or a large home with servants' quarters, two baths, sun-parlor—you'll find a plan in the Hodgson booklet that fits your mental picture. And if you want to enlarge your home later, you can do so easily without spoiling the arrangement.

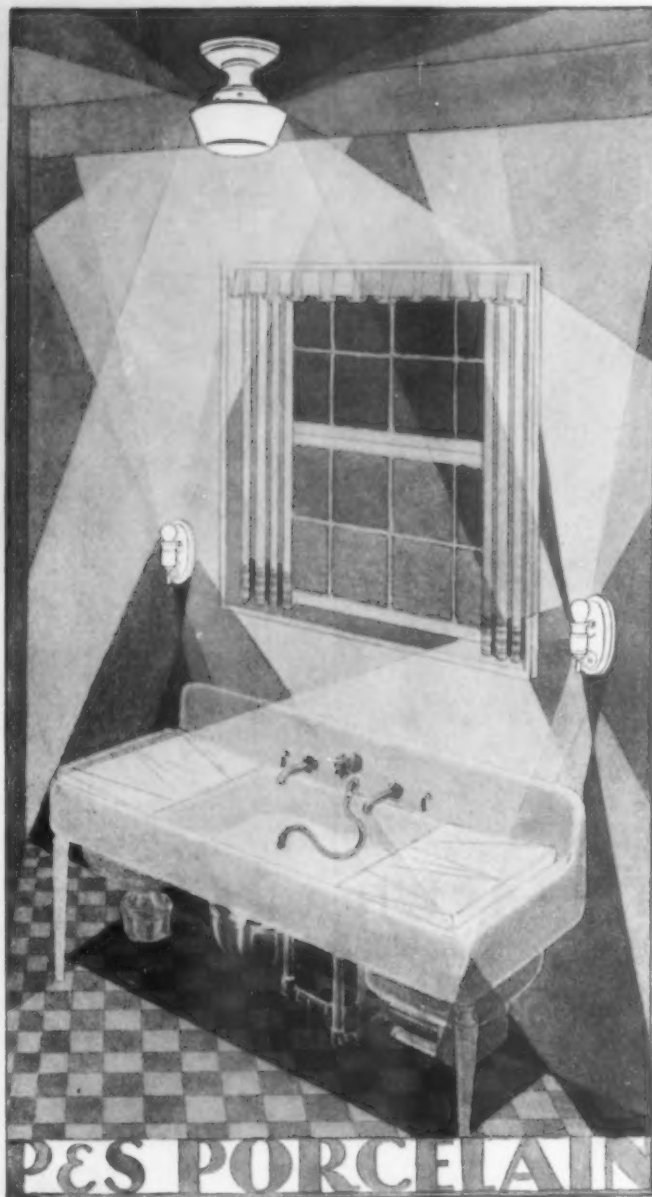
Hodgson Houses everywhere have been tested for decades, and the wildest storms have left them unshaken. You'll have no repairs for years. Selected Douglas fir and weather-proof cedar are used in construction. Walls and roof lined with Celotex—one of the best insulating materials known. Spacious closets, glass door-knobs, solid



brass hardware. Everything is complete. You'll be proud of its beauty; comfortable in its generous rooms.

Send for free booklet K today. You obligate yourself to nothing but the joy of finding how *reasonable*, after all, is your dream of a lovely vacation home to live in *this summer*. The booklet gives prices and complete information. And if you can, come and see our outdoor exhibits at Dover and South Sudbury, Mass. E. F. Hodgson Co., 1108 Commonwealth Ave., Boston; 6 East 39th Street, New York City. Also a branch office at Bradenton, Florida.

## HODGSON Houses



**C**OLOR has invaded the kitchen. Everything is touched with it—from rolling pins to ranges. Gone is the gloom of yesterday—and the endless drudgery.

Of course your new kitchen will be one of these modern little "work-shops." And of course it will be lighted by P&S Alabax fixtures of porcelain—in the color of your choice. A damp cloth cleans them and they wear a life-time. You pay a little more for Alabax but—you pay only once.

*A brochure picturing the many lovely Alabax styles and color combinations, for every room in the house, is yours for the asking.*

PASS & SEYMOUR, Inc.  
Division A Solvay Station Syracuse, N. Y.

**P&S**  
Reg. U. S. Pat. Off.

**ALABAX**  
Reg. U. S. Pat. Off.  
**LIGHTING FIXTURES**



## Decorative lamps for comfort

*Continued from page 397*

in home furnishing and should have character.

The inherent taste necessary in finding *just* the proper lamp for the proper place is not given to all, but a fine sense of proportion may be acquired if one will study this question of selection carefully. If a table lamp is in question, it must be just the right size for the given table. An extremely large lamp looks badly on a small table and conversely a small lamp on a large piece of furniture is lost. The shade must be in correct proportion to the base and not too decorative to destroy the interest in the lamp. A simple shade of good material is the easiest solution, but on the contrary there are many decorated shades which if made with reference to the lamp base and general decorative scheme, will enhance the charm of the ensemble. They should be both useful and beautiful. The shade with a wide top will diffuse light generally and a lamp so equipped should be placed in that part of the room where the draperies and walls will be most effectively reflected.

### USE THE BRIDGE LAMP

An adjustable bridge lamp with a covered top shade is always a great convenience. This lamp was designed many years ago by one of the leading society women of the day for the very

use its name implies—the bridge table. The projecting arm extending over a table or desk has made this a popular lamp for many other uses in the average home, and it can be moved about at will. About the number of lamps which can be used in one room you will be interested to know that you may have as many as are necessary for comfort. Every desk should have satisfactory lighting and this is where the small lamp placed at the left side, will come into service.

### BEDROOM LIGHTS

In every well planned house the bedroom lights are well placed. A dressing table must be equipped either with candlesticks usually with open top shades to throw light on the mirror or with a pair of small lamps. Above all a good reading light should be beside the bed and adjusted so that the occupant can read with ease. This pertains particularly to the guest room where every consideration of hospitality is extended to the stranger within your gates.

Lamps and shades must be chosen with reference to the room in which they are to be used and the bedroom lamps may be more dainty in color and design, but even these are less fussy than formerly and shades in general are more tailored.



*The metal floor lamp gives height to this side of the room and offers illumination for the occupant of the Cape Cod arm chair. A plain painted wood base is used for the book table lamp and is topped with a parchment shade with a band of contrasting color.*





# A Modern Bath and Toilet

For your Country Home

### Our Improved Siphon System

combines the septic process and the siphon drain in a single unit.

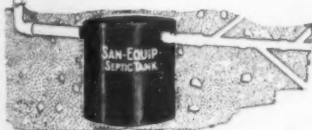
Siphon discharge improves drainage field—prevents usual sewage disposal troubles; formerly an expensive engineering job—now a simplified single unit system, available at moderate cost for every unsewered home. Get particulars on this vital feature.

YOU can enjoy the conveniences of a modern bathroom in your suburban or country home. The San-Equip Septic System provides automatic, unfailing sewage disposal as dependable as any city sewer system.

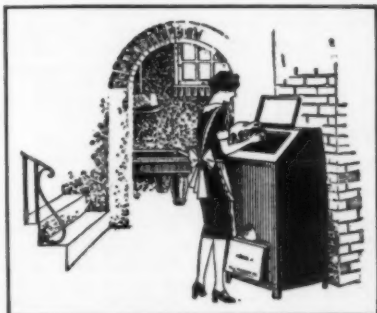
A San-Equip System will protect the health of your family—enable you to have all the benefits of city plumbing with the advantages of country location. San-Equip systems are easily installed at moderate cost. They follow designs approved by U. S. Public Health Service. Write for plan sheets and booklet "How to be safe without sewers."

**CHEMICAL TOILET CORP.**  
869 E. Brighton Ave., Syracuse, N. Y.

## San-Equip SEPTIC TANKS



DISPOSE OF YOUR GARBAGE AND RUBBISH THIS SAFE CONVENIENT SANITARY WAY



# TEEKORATOR PORTABLE INCINERATORS DO NOT HAVE TO BE BUILT IN!

In use in every type of home and many institutions.

Sizes for large and small homes.

Only necessary to remove ashes once in 6 weeks.

Grate cannot clog.

Positively no odor.

No parts can get out of order.

Chute, kitchen to cellar, if desired.

DON'T tolerate the nuisance, danger and filth of germ breeding, foul smelling garbage and rubbish cans. A Teekorator Incinerator can be quickly, easily installed in new or old homes. Connects to regular house chimney. Cost is far less than built-in types, yet the Teekorator is as efficient in operation.

Everything can be deposited in the Teekorator. Lighted occasionally, combustibles are burned, non-combustibles sterilized and removed with ashes. Write for our interesting illustrated booklet.

**TEEKORATOR Inc., Rochester, N. Y.**

Teekorator Inc., Dept. AH, Rochester, N. Y.

Please send me your instructive booklet on Teekorator incineration.

Name .....

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Home of Mrs. E. Wilson  
Highland Park, Illinois



Wm. D. Mann, Architect  
Chicago, Illinois

## In Beautiful Homes

WIN-DOR casement operators provide automatic, convenient control of casement sash without conspicuousness. In Mrs. Wilson's delightful house Win-Dor Series 25 Operators, finished to match the woodwork in every room, harmonize completely with the window treatment. The casements are opened and closed, unobtrusively, without moving the screens and are positively locked in any position.

You can afford to have this trouble-free window convenience, for the cost is very small. Ask for our interesting booklet which concerns things you should know about casements.



**THE CASEMENT HARDWARE CO.**

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SAMSONCHINA BATHROOM ACCESSORIES DE LUXE <i>S. D. Baker Corp.</i>	465
CASEMENT SASH ADJUSTERS <i>W. E. Putman Co.</i>	466
HOW SHALL I HEAT MY HOME <i>The American Rad. Co.</i>	470
BROCHURE OF ALABAX LIGHTING FIXTURES <i>Pass &amp; Seymour</i>	471
STEELTEX BETTER WALLS <i>Nat'l. Steel Fabric Co.</i>	472
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ARTONE RADIATOR ENCLOSURES <i>Metal Stamping Co.</i>	484
THE CHARM OF SLATE FLOORS & WALES	376
THE INCOMPARABLE BEAUTY OF SLATE ROOFS	485
MAKING BATHROOMS MORE ATTRACTIVE <i>C. F. Church Mfg. Co.</i>	31

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ROOFS & SHEET METAL WORK <i>Leadclad Co.</i>	490

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SIX WAYS OF MAKING THE CELLAR MORE ATTRACTIVE <i>The Thatcher Co.</i>	28
WHICH HEAT & WHY <i>Richardson &amp; Boynton Co.</i>	159
WARM AIR HEATING <i>Kelsey Heating Co.</i>	171
ADVENTURES IN COMFORT <i>May Oil Burner Corp.</i>	82
MANTELPieces AND FIREPLACE FITTINGS <i>Edwin A. Jackson &amp; Bro., Inc.</i>	183
FIREPLACES OF TRUE VIRGINIA BRICK <i>Old Virginia Brick Co.</i>	387
COMFORT HEAT <i>Burnham Boiler Corp.</i>	281
THE SERVANT IN THE CELLAR <i>Calorvit Burner Corp.</i>	268
FIRE THAT BURNS UP HILL <i>Spencer Heater Co.</i>	316
HEAT INSULATION FOR HOMES <i>Flax-Li-Num Insulating Co.</i>	286
FIREPLACE UNITS <i>Heatilator Co.</i>	419
GUARANTEED OIL HEAT <i>Petroleum Heat &amp; Power Co.</i>	446
THE PRICELESS GIFT OF COMFORT <i>The Timken-Detroit Co.</i>	448
FIREPLACE GUARDS AND FENDERS <i>The John P. Smith Co.</i>	450
IN-THE-WALL RADIATORS <i>Roma Brass Radiator Corp.</i>	392
A MODERN HOUSEWARMING <i>U. S. Radiator Corp.</i>	172
RADIATOR SHIELDS & ENCLOSURES <i>Sodemann Heat &amp; Power Co.</i>	124
RADIATOR ENCLOSURES <i>W. H. Johnson &amp; Son Co.</i>	256
RADIATORS, ENCLOSURES AND SHIELDS <i>The Hart &amp; Cooley Mfg. Company</i>	414
WHAT MAKES A HOME <i>Colonial Fireplace Co.</i>	119
FENDENT BAROMETERS <i>Taylor Instrument Co.</i>	355
HELPFUL WANTS <i>International Heater Co.</i>	488

### Kitchens

LADY LEISURE <i>Sterling-Range Co.</i>	491
GARBAGE INCINERATORS <i>Kerner Incinerator Co.</i>	39
THE DAWN OF A NEW DAY <i>The Walker Dishwasher Co.</i>	454
HOT COIL GAS WATER HEATER <i>American Radiator Co.</i>	440
PYROFAX IN THE HOUSE AROUND THE CORNER <i>Carbide &amp; Carbon Chem. Corp.</i>	443
ELECTRIC REFRIGERATION <i>Frigidaire Corp.</i>	41
KELVINATOR & KELVINATED FOODS <i>Kelvinator Corp.</i>	38
THE VERY REMARKABLE MRS. JONES <i>Beardley &amp; Wolcott Mfg. Co.</i>	487
INCINERATORS <i>Teekorator Co.</i>	489

### Gardens & Grounds

WOVEN WOOD FENCING <i>Robert C. Reeve Co.</i>	102
FENCES FOR PROTECTION & BEAUTY <i>Page Fence &amp; Wire Products Assn.</i>	141
HOME FENCES <i>American Fence Construction Co.</i>	236
ANCHOR FENCES <i>Anchor Post Iron Works</i>	237
GOOD TASTE IN GOOD FENCING <i>The Stewart Iron Works Co.</i>	371
WICKWIRE SPENCER CHAIN LINK FENCES <i>Wickwire Spencer Steel Co.</i>	410
FENCING WIRE & IRON FOR RESIDENCES,	

ESTATES AND PARKS <i>Cyclone Fence Co.</i>	418
FENCES FOR EVERY PURPOSE <i>Brook Iron Works, Inc.</i>	349
GLASS GARDENS <i>Lord &amp; Burnham Co.</i>	282
GREENHOUSES OF DISTINCTION <i>Hitchings &amp; Co.</i>	283
WHEN YOUR TREES NEED THE TREE SURGEON <i>The Davey Tree Expert Co.</i>	191
INSECT PESTS INDOORS & OUT <i>Antrol Laboratories, Inc.</i>	336
A NATURAL DUST LAYER <i>The Solvay Process Co.</i>	417
GREENHOUSES OF QUALITY <i>Wm. H. Lutton Co., Inc.</i>	439
PORTABLE HOUSES <i>E. F. Hodgson Co.</i>	25

### Miscellaneous

A MUSICAL GALAXY <i>Victor Talking Machine Co.</i>	449
HOME MOVIES <i>Eastman Kodak Company</i>	412
TYNETOWN TOYS <i>Toy Furniture Shop</i>	441
PORTABLE ELECTRIC HOME FOUNTAINS <i>Jewel Electric Mfg. Co.</i>	368
ORTHO-SONIC RADIO <i>Federal Radio Corp.</i>	456

### Interior Decoration

FABRICS THE KEY TO SUCCESSFUL DECORATION <i>F. Schumacher &amp; Co.</i>	44
THE ADVENTURE OF HOUSE FURNISHING <i>S. Karpen &amp; Bros.</i>	66
FINISHED TO ORDER FURNITURE <i>Wm. Leavens Co.</i>	134
CARE & RESTORATION OF FURNITURE <i>Arthur S. Vernay, Inc.</i>	331
EARLY AMERICAN FURNITURE <i>L. &amp; I. J. Stickley, Inc.</i>	333
CORRECT CARE OF HOME FURNISHINGS <i>Peck &amp; Hills Furn. Co.</i>	207
TABLES <i>St. John Table Co.</i>	129
COLOR CLOCKS <i>William L. Gilbert Clock Company</i>	413
WROUGHT IRON <i>E. T. Ryan Iron Works</i>	426
METAL WINDOW CORNICES <i>Hicks Gallery, Inc.</i>	432
SILHOUETTES AND THEIR FRAMES <i>Foster Bros.</i>	195
WATERPROOF DRAPERIES <i>Protaxwell Corp.</i>	49
WROUGHT IRON THINGS <i>Ye Iron Shoppe</i>	436
THE LUXURY OF CHIMES <i>Sessions Clock Company</i>	421
COLOR THE SECRET OF BEAUTIFUL HOMES <i>Orinoka Mills</i>	75
WALL COVERING (SANITAS) <i>Standard Textile Products Co.</i>	78
WHAT MAKES A HOUSE A HOME <i>Wallpaper Guild of America</i>	81
MAKING THE WINDOWS BEAUTIFY YOUR HOME <i>The Chas. W. Breneman Co.</i>	312
FABRICS OF LASTING BEAUTY <i>Leshar, Whitman &amp; Company, Inc.</i>	405
BEAUTIFUL FLOORS <i>Poncell Floor Machine Co.</i>	425
PROPER TREATMENT FOR FLOORS <i>S. C. Johnson &amp; Son</i>	54
LINOLEUM FLOORS <i>Congoleum-Nairn, Inc.</i>	79
THE PROPER CARE OF RUGS & CARPETS <i>Clinton Carpet Co.</i>	156
INSIDE THE DOOR <i>Imperial Furniture Co.</i>	462
DISTINCTIVE FURNITURE <i>Kiltlinger Co.</i>	181

Make sure that the listing of booklets from which you choose is that of the latest issue of the magazine, as the American Home cannot guarantee the delivery of booklets not listed in its current issue.

HEARTHSTONE EDITOR, THE AMERICAN HOME, GARDEN CITY, N. Y.

Please send (at no expense to me) the following booklets. (Insert numbers from list)

.....

Name .....

P. O. Address .....

State ..... FEBRUARY





*This small extra amount will Insure the life of the Plumbing and Heating System*

*Because it will give a pipe material of superior rust-resisting qualities*



FOR an added five per cent, when you install a plumbing or heating system, you can have it made up of genuine wrought iron, insuring you from two to three times longer service.

"Insurance" is a word of too limited meaning, indeed, to cover the facts of this case. For when you buy most forms of insurance, you obtain protection against a mere risk or possibility which might never affect you at all. When you buy more durable, more dependable pipe, you obtain protection against an injury that will surely occur in the absence of such protection.

Pipes in a plumbing or heating system do fail. They begin to deteriorate the day they are installed. Where ordinary pipe is used, the average life of such a system is perhaps a dozen to fifteen years, per-

haps a little longer; but the first pipe failures may occur in much less time than that. Where wrought iron is used, the average life of the system is more than doubled.

So you actually buy multiplied service at slightly added cost; and the "insurance" aspect is a further advantage beyond that. The insurance that you receive, properly so regarded, is insurance against damage to house or furniture, against annoyance and inconvenience, against costs of repairs and replacements often much greater than original installation costs. Pipe failures are a misfortune the extent of which is rarely measured by the mere costs of original installation.

It is poor economy, so engineers are advising their clients on large projects more and more,—it is poor economy to install inferior pipe lines because it costs a little less.

More rust-resisting than ordinary pipe, tougher and safer against physical injury than any of the more expensive materials in use, genuine wrought iron is the material which gives maximum service and protection in plumbing and heating at minimum annual cost.

Use genuine wrought iron; and to make sure you have it, look for the Byers mark, a spiral stripe on every length.

**A. M. BYERS COMPANY**  
Established 1864 Pittsburgh, Pa.  
*Distributors in all Jobbing Centers*

*The name BYERS and the year of manufacture are rolled in every length of BYERS PIPE. As an extra protection against substitution, make sure of the red spiral stripe.*



# BYERS PIPE

## GENUINE WROUGHT IRON

A. M. BYERS COMPANY  
Pittsburgh, Pa.

I will give your booklet "The Installation Cost of Pipe" a careful reading. Without obligation send a copy to the address at the right.

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_



**"Don't worry about the cold, dear, we're very cozy—and the boiler hasn't been touched."**



**I**T is the remarkable experience of home owners who have installed Newport Boilers that, in ordinary winter weather, they have to "coal up" but two or three times a week. During the severest cold snaps one coaling a day keeps the home uniformly warm.

Such freedom from coal-shovel slavery is due to the remarkable magazine-feed principle of the Newport. As one man says, "Since I put in my Newport the folks at home never have to fuss with the fire, I know they're comfortable all day while I am gone."

Newport convenience is all the more desirable when you realize that this boiler creates abundant, even heat from the more economical small sizes of fuel, fuel that costs many dollars less per ton. This cuts the Family Fuel Budget 30 to 50%. It may sound like an exaggeration but this has actually been recorded by thousands of Newport owners. The saving is actual. You can prove it by phoning your coal dealer for fuel prices. It will pay you to investigate this modern heating unit.

NEWPORT BOILER COMPANY  
529 S. Franklin St., Chicago

**NEWPORT  
MAGAZINE FEED  
BOILERS**



**THIS** diagram shows the unique magazine-feed principle of the Newport Boiler. You fill the magazine never more than once a day—usually two or three times a week, as the weather requires. As the fuel burns away at the bottom gravity feeds more coal from above. An even fire bed is maintained.

*Your own heating man makes the installation.*

NEWPORT BOILER COMPANY  
529 S. Franklin St., Chicago.

Please send me the facts, "About How My Family Fuel Budget Can Be Reduced 30 to 50%."

Name .....

Address .....



*The distinctive fireplace ready for use adds a friendly touch to this bedroom in the home of Neysa McMein*

**What my home means to me**

*Continued from page 391*

household duties, forgetting almost completely her workshop in town, where are created the lovely pictures so many of us have come to look for. For no one but the mistress herself looks after that household, and no home maker ever revelled more in the restfulness and freedom of country life.

If one were allowed just one adjective to describe this home of Miss McMein, probably that word would be "unpretentious," but hot on the heels of that would tumble "hospitable," "comfortable," "delightfully cool and spacious," "colorful," "restful," "distinctive," "intimate and friendly"—ad infinitum.

Of modest dimensions, on a two acre plot, the house is of a modified French style of architecture, planned for the comfort of everyone in the house, and furnished by an expert in the art of design and harmony, the whole tied together by the profusion of flowers which are scattered liberally in every room. (Clear glass this flower lover uses, too, in order to reveal the grace, the color, and the tracery of the stems.) Probably the two most lived-in rooms are the sunporch, really a "game room," where many battles of badminton and ping pong are waged, and the terrace, where Miss McMein loves to entertain her friends. It is there that she serves tea, looking out across the lawn, where roll in friendly roughhousing her young daughter and the animals!

There are those of Miss McMein's friends who assert that this young lady is the real mistress of the Sands Point house—and perhaps they are right! At any rate, she is the power behind the throne. Photographs of her and Mr. Baragwanath in every pose imaginable smile at you from mantel and tables.

Miss McMein is very fond of her pets. There is Donegal, an immense Irish wolf hound; Gooseberry, a sleek

Persian cat; and a rather tough, seven-toed feline contradictorily called Sweetie, who goes out and hunts for snakes, and, unfortunately, brings home his loot! The animals love the smooth green lawn and cool shade of the lovely old trees. The profusion of flowers which add so materially to the friendliness of Miss McMein's home come from the well kept perennial borders which edge the lawn. A riot of color throughout the season delights the eyes of those guests on the comfortable terrace. Amusingly enough, Sunflowers dominate, because they are the favorite flowers of the mistress. They grow gloriously, and any guest who chances to pass by without paying them any special attention is called back by this enthusiastic gardener, to hear their beauties extolled.

Neysa McMein loves to have her friends share her home, and hosts of them come to enjoy it with her. In good weather croquet is the pleasure of the household; in fact, it is the favorite sport of the hostess, and the court and mallets are kept in the pink of condition. The house is so near the beach that there is always swimming and boating, and a near-by country club affords good tennis and golf, which both Miss McMein and her husband enjoy. And for week-ends occasionally a house party goes up to their island in picturesque Lake Bomoseen, Vermont, where they have a delightful little cabin.

These pursuits are secondary, however, for her home and its smooth running come first to Neysa McMein. Of course, since she is a "business woman," she has to keep a cook and maid to look after the many details for her. And they are her devoted friends: an impromptu Sunday night supper of twenty does not bother them, for it is a pleasure for them to serve their mistress. They respect her, too, for (continued on page 498)





One of the fine examples of Virginia's old brick homes is Folly Farm, some six or so miles from Staunton. It was designed by Jefferson for his old

friend Smith. His initials and those of his wife were each cut by themselves, on the main entrance door frame, the day they came there as bride and groom.



## Having Spoken of Fireplaces Let's Speak of Other Things

FOR instance, there are brick-walled gardens. And for another instance—garden walks alike of brick. After which, comes your own home itself. Why not let it savor of the Cavalier days, when the brick built homes of "Old Virginy", nurtured romance and cradled liberty?

You'll recall that lovely old Westover is a delightful example of such. Brick as you know, was then the dominant building material.

In spite of the fact of the very little we have done to let folks know of the old-timey, genuine mould-made-bricks we are now making way down here in Old Virginy, first thing we knew a surprising lot of you had found them out.

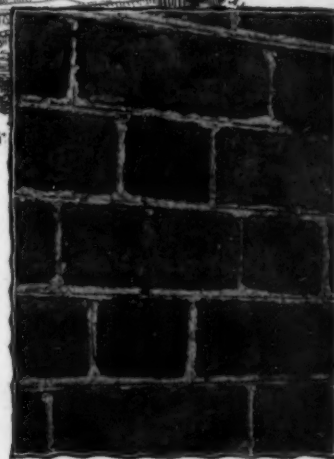
Reckon some of our Virginia folks going north, just didn't think they could be quite happy in a home built of anything else.

Suspect there's a power of reasonableness in it too. Because most of us these days, are not so keen about having our homes

smack of being built day-before-yester. That's one of the ways our particular kind of bricks have made such friends. They do have a way, *right at the very start*, of looking age-old. And as for color—well they defy description. The best way is to see the bricks themselves.

With that in mind, we have them made in miniature. We put 20 of them in a Brick Kit. Included in the Kit are imitation mortar strips, so you can lay up a brick wall on your living room table, and see exactly what the effect will be.

Send for this Brick Kit. Enclosed will be printed matter telling you all about our hand moulded Old Virginia Brick, made way down here in Old Virginy.



As Jefferson had so much to do with Old Virginia's fine architecture, we have called one of our most desirable bricks by his name.

They closely resemble these used in building his Monticello home.



Some say it was because of economy of bricks, that Jefferson designed the single-brick-wide serpentine wall, for the gardens of the Professors at the University of Virginia. But it wasn't. Why don't you have your garden walls and walks made of those Old Virginy bricks of ours?

OLD VIRGINIA BRICK

Old Virginia Brick Company  
Salem, Virginia

# FEBRUARY—the month to plan for your garden

And here's something that will make all the difference between an ordinary garden and one with Old-World charm.

## Garden Almanack

for FEBRUARY, 1939

- 1 P C Seeds of annuals and perennials should be ordered if this is not already done
- 2 B Sent coupon for Dubois catalog.
- 4 M Trees and shrubs should be ordered from the nursery. Prune the grape vine.
- 5 T Interesting pictures of Dubois garden uses arrived.
- 6 W Sow vegetable seeds in the greenhouse or frame—early tomatoes, cabbage, cucumber, beets, celery.
- 7 T Found could make lovely new garden by erecting Dubois fence.
- 8 T Get flats prepared for seeds to be started indoors. A light open soil with plenty of drainage is essential.
- 9 F
- 10 B Our Dubois fence arrived!
- 11 M Prune shrubs which bloom on new wood, such as grape, hydrangea, rose of Sharon, H. P. roses, mock oranges, etc.
- 12 T Old Bill Foster put up our Dubois in only half a day.
- 13 F Spray lime and sulphur for scale and fungus diseases.
- 14 B Gailford's came for tea. Caroline admired our "old-world garden spots" created with our new Dubois.
- 15 M
- 16 T Prune trees and shrubs before the buds begin to swell.
- 17 W
- 18 T

Garden suggestions by DOROTHY GILKS, member, Garden Club of America; author of "The Little Kitchen Garden" and other garden publications.

WHAT makes an English or French garden the very symbol of peace and quietude?

Not just their flowers . . . nor even their air of antiquity. No, it has something to do, say people who know, with the way they're shut off from the world.

And that's done very largely by Dubois!

This famous French fence has been used for centuries to enclose gardens abroad. Not only does it provide an effective screen, but it forms an ideal background for flowers, sheltering against heavy wind or snow, and serving as a frame for the entire garden. Vines cling to it easily and need never be torn down,



as Dubois requires no painting. And because of its rare beauty and charm, neighbors are quick to welcome it as part of the landscape.

Dubois is the only genuine French woven wood fence on the market. Be sure to distinguish it from cheap imitations.



Dubois is made by hand, of split, live, chestnut saplings woven closely together with heavy rust-proof Copperweld wire. Comes in 5 ft. sections, ready to erect, in three heights: 6' 6", 4' 11", and 3' 10", with quaint gates to match. Lasts a lifetime. Moderate in cost

# DUBOIS Woven Wood Fence

Made in France

Imported Solely by

ROBERT C. REEVES CO., 101 Park Avenue, NEW YORK CITY

(Formerly at 197 Water Street)

Please send me your free illustrated booklet on Dubois, containing photographs showing its many applications, complete details of construction, erection data, and prices.

Name.....  
 Address.....  
 City..... State..... 24



## What to look for when you buy or build

Continued from page 385

Another help in answering this question is, what has been the tendency in the development of the community and, allowing for present factors, what are the probabilities of undesirable changes in it in the future?

The second question is "Do I actually own this land?" Be sure that your contract includes at least a mention of the factors in the following suggestions.

Title to property is often obscured and may be due to a great variety of causes—failure of owners to pay taxes in times gone by, neglect to record deeds, mortgage satisfactions or other papers, incomplete or inaccurate surveys, and many others. Probably the safest course for the purchaser is to insist upon the title being guaranteed by a company making a business of examining and guaranteeing real estate titles.

Improvements, streets, sewers, etc.—if not already paid for in full and the improvements accepted by the town, village or municipality, may be the subject of assessment either for payment of the cost of installation or for the operation and maintenance. Such assessment, in most states, is collected from the owner of record at the time the assessment is levied. In other words, if the paved street, for illustration, on which your property is located has not been paid for and accepted by the town you may find at some later date that an assessment has been levied against your property to pay for or repair that street. So make sure that the costs of all improvements have been so taken care of that you will not find yourself liable for payment at some later date.

Tax and fire insurance rates vary and should be ascertained before buying. Find out what the taxes in dollar and cents per year actually are on the property. In some instances high taxes may considerably affect the growth of a community. Fire insurance rates are based upon several factors and such items as the kind and efficiency of the fire department and availability of water supply affect the rate on a definite location just as do

the materials used in construction of your home and its proximity to other houses.

The third question is probably the subject of more inaccurate estimating than any other financial problem. I have talked with many prospective as well as actual home owners and it is the exception to find one who can correctly figure the cost to live in a particular dwelling. The following statement is an actual case with exact figures, in a town within commuting distance of New York. It is based upon a six room frame house which cost \$10,000 complete—land, building, walks, planting, etc.:

The monthly cost of \$103.63 is, as previously stated, an actual cost and is probably higher than the average either for suburban New York or for other localities. This liberal estimate can be reduced however by the savings mentioned in Notes 2, 3 and 4 without destroying the accuracy of the statement. These deductions would result in an annual cost of \$1056.10 or \$88.01 per month.

At first glance this monthly "rental" may seem unduly expensive but the same amount paid to the owner of a city apartment probably would not buy more than a moderately good four room apartment and that in a neighborhood as far from the center of the city (in point of time of transportation) as that of your six room suburban home. Costs of rental as well as prices of land and building construction vary greatly. While the cost of \$10,000 used in the illustration is moderate for close proximity to New York, the same house could be built (including land) in cities not over 100 miles from the metropolis for from \$7000 to \$8000 and in still other localities for an even lower figure. The only way to know is to get actual figures for a particular home in a definite location.

One error is made sufficiently often to justify a word of caution. Don't build or buy a home which does not fit its surroundings. Generally speaking the dwelling should cost from three to four times the price of the land.

### COST PER YEAR

1.	Interest 1st. Mortgage \$6000 @ 6%	\$ 360.00
2.	Note 1 Interest Owner's Invest. \$4000 @ 6%	240.00
3.	Note 2 Fuel, 11 Tons anthracite @ \$14.50	159.50
4.	Note 3 Insurance-Bldg. \$7500 @ 20c per C	15.00
	Contents \$7000 @ 20c per C	14.00
5.	Note 4 Repairs & depreciation 3% of \$7500	225.00
6.	Note 5 Transportation \$10.56 x 12 months	126.72
7.	Taxes	103.33
		<u>\$1243.55</u>
		or—per month 103.63

Note 1—Most owners neglect to include interest on their own money, forgetting that if otherwise invested it should and would be expected to produce an adequate interest return.

Note 2—More economical heating systems or better built houses may reduce this. One authority says a brick house should be heated for 10% less than a frame house (\$15.95).

Note 3—Contents may be omitted if insurance on contents is carried in present dwelling (\$14.00). In the same district a brick house with slate (or other fire-safe roof) would take a rate of 10c (\$7.50).

Note 4—Appraisal experts say a frame house depreciates at an average of 3% per year—a brick house at nothing for the first five years and then 1% yearly (\$150.00).

Note 5—This item is for monthly railroad commutation and in many cases could be omitted (\$10.56).





Beautify Your Fireplace

"Hearthstone teachings determine a nation's destiny."

President Coolidge

Authentic period designs and finishes in andirons, fireplace sets, screens, etc.

Complete fireplace sets from \$27.50 to \$300.00. Andirons from \$3.00 a pair and up.

Make your fireplace useful and beautiful on long winter evenings.

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Please send me complete information including "125 Interesting Questions" with references to their answers; striking "Facsimile Color Plate" of the new bindings; with terms of your Special Atlas Offer on Webster's New International Dictionary to readers of The American Home. (2-29)

Name.....  
Address.....

**\$3000.00**  
in 28 Cash Prizes in the  
**SECOND**  
**WEATHERBEST Home Modernizing CONTEST**

The famous 1927 WEATHERBEST Contest awarded similar prizes for the best examples of old homes modernized by recovering sidewalls with edge grain red cedar stained shingles. Mr. and Mrs. Clifford J. Foster, Rives Junction, Mich. won the 1927 first prize of \$1000, modernizing their home at a cost of approximately \$800. The 1929 WEATHERBEST Contest which opens January 1st and closes October 31st, 1929, is even a more generous offer:

- |                               |                                 |                                |
|-------------------------------|---------------------------------|--------------------------------|
| <b>FIRST PRIZE</b><br>\$1,000 | <b>SECOND PRIZE</b><br>\$500    | <b>THIRD PRIZE</b><br>\$250    |
| <b>Fourth Prize, \$150</b>    | <b>Four Prizes of \$75 each</b> | <b>Ten Prizes of \$50 each</b> |
|                               | <b>Ten Prizes of \$30 each</b>  |                                |

(In event of tie for any prize, full amount of such prize will be awarded to each tied contestant.)

Write today for details of this Prize Contest and Booklet "Making Old Houses into Charming Homes". Send 10c (stamps or coin) to cover mailing and handling. Ask our Service Dept. for suggestions and free sketch Service.

Through modernizing, added value, beauty and comfort can easily be given to homes growing old. The WEATHERBEST 1929 Contest offers an opportunity to win a cash prize, perhaps more than the cost to modernize.

WEATHERBEST Stained Shingles are 100% edge grain red cedar treated by the WEATHERBEST special process of staining and preserving that insures uniform, durable colors and life-long service.

WEATHERBEST STAINED SHINGLE Co., Inc.,  
2109 Island St., North Tonawanda, N. Y.  
Western Plant—St. Paul, Minn. Distributing Warehouses in Leading Centers.

Let us make a modernizing sketch of your old home

Top: an old home in Oswego, N. Y.

Center: sketch furnished by WEATHERBEST to show changes suggested.

Bottom: the modernized home. Ask about this free Service, and let us tell you how easily WEATHERBEST Stained Shingles can be laid over old wood or stucco sidewalls to give new appearance and better insulation—at a cost less than two paint jobs.



**Weatherbest STAINED SHINGLES**  
FOR ROOFS AND SIDE-WALLS

WEATHERBEST STAINED SHINGLE Co., Inc.  
Contest Dept.  
2109 Island St., North Tonawanda, N. Y.

Enclosed is 10c (stamps or coin). Without obligation, please send details of 1929 WEATHERBEST Home Modernizing Contest with booklet, "Making Old Houses into Charming Homes".

- How can your Service Dept. help me see how my old home will look with shingled sidewalls.
- I intend to build a new home. Send Color Samples and Portfolio of Color Photogravures showing WEATHERBEST Stained Shingles for sidewalls and roofs.

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Address.....

**New Beauty and Longer Life**  
.. in  
**Screens**



ONE of the smart new finishing touches added to the finer homes of today is the metal-frame screen . . . now available in color.

The metal-frame screen is more practical; it lasts longer; it lets in more light. Too, it is trim and neat—and with color it harmonizes with the architectural design and decorative scheme.

You will want all the new ideas on screening. The country's foremost screen designers, The Screen Manufacturers' Association of America, will give you full information without charge.

THE SCREEN MFRS. ASSOCIATION OF AMERICA



The secrets of beautiful screening as practiced by the Association's screen experts are revealed in this beautiful book, sent free. Use the coupon.

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Please send free your new book, "The Fine Art of Screening the Modern Home."  
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Street.....  
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A full front view of "Wolf Pits" showing the carved lunette over the oddly fashioned entrance door. Here also may be seen the unusual roof line with hand hewn and pegged beams

## Wolf Pits: a remodeled studio-home

Continued from page 384

draperies and hand painted silks filling the room.

A great stone fireplace takes up most of one end of the room and above it are the two bedrooms, built like overhanging balconies and finished with low railings. The beds are hidden from view by hand painted screens, more of the artists' work, while the richly colored draperies over the railings were once used by Madame Modjeska in some of her Shakespearian rôles; the staircase leading to this balcony winds up behind the chimney.

The furnishings of the studio are full of interest because of the amount of personal work which they represent as well as because of their rich coloring. The carved settle shown in the illustration is merely a round folding kitchen table such as can be bought at any department store for \$20, the type that is fastened with wooden pegs and designed to be used as a seat or a table. This is an excellent piece of furniture for use in any studio or library and lends itself readily to decoration. The one at "Wolf Pits" was covered with goldleaf which was allowed to stand for some time until it had dulled, and then treated with a coat of clear shellac, giving a practical and durable finish. Around the edge is a border of black which relieves the heavy gold, while the inside is carved and painted, making an effective back when opened as a settle. One has only to look at the picture of this chair-table to see what an exotic note of beauty it strikes. Here as in all the furnishings the simplest materials have been made to give their full meed of beauty and in this lies a lesson for every reader.

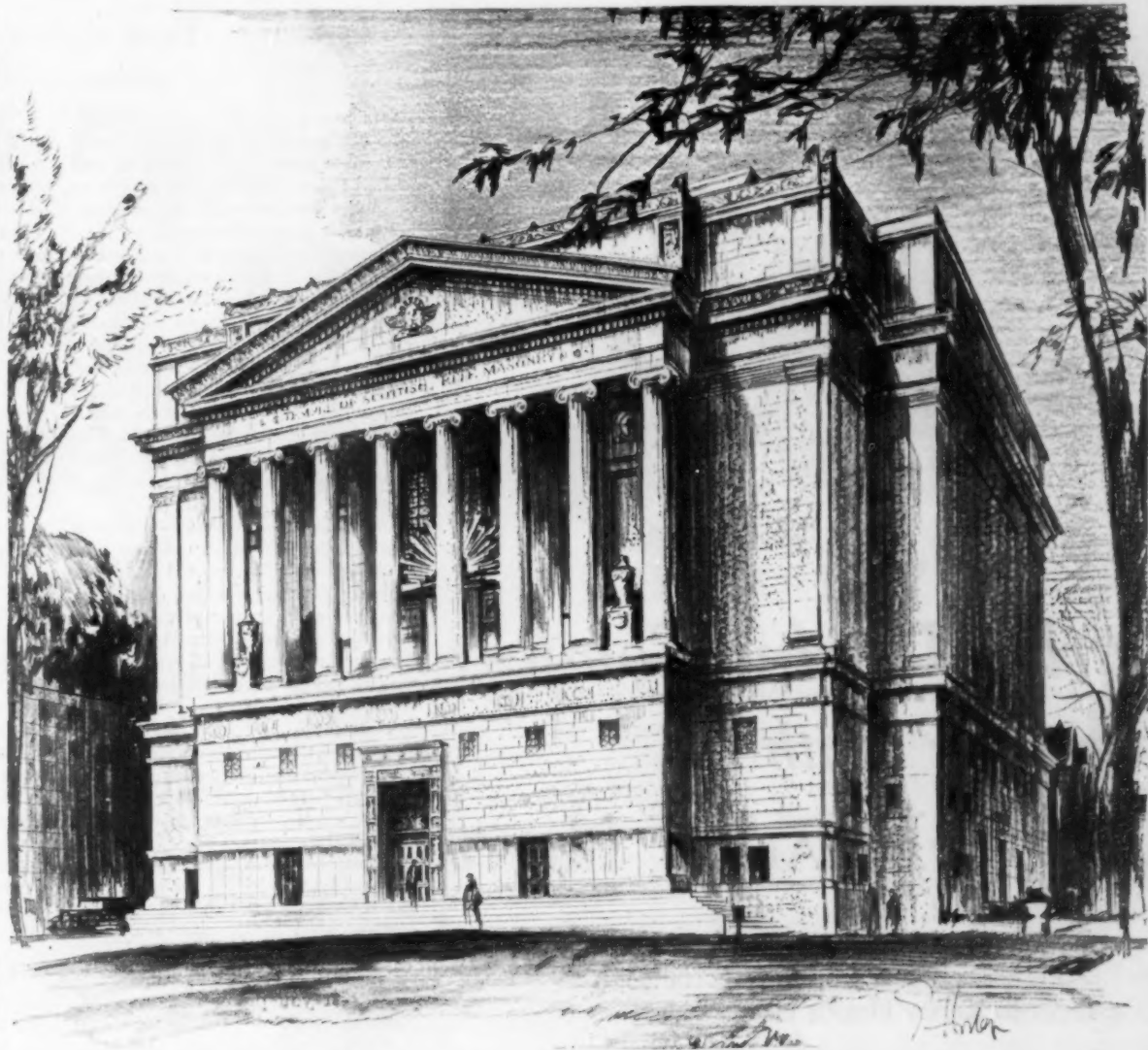
The kitchen with its colorful decorations is an exact reproduction of a Polish interior and strikes one as most foreign. Yet it is not out of place in a new England home or in any home for these artists have only done exactly what the earliest settlers in America did—they have reproduced as nearly as possible the arts of their home in Europe and the furniture and woodwork bear a striking resemblance to the hand painted work of our American pioneers. Our ancestors spent the long winter months in carefully fashioning and decorating the furniture for their own homes

after the manner of their forebears, giving to each piece a strong individuality. This has been lost in our later periods of commercial life when everything has been manufactured in quantity, but we find it again in the kitchen at "Wolf Pits," for here each bit of decoration has been prompted by memories of home and carried out by loving personal work, so that each chair and table has distinct decorative value as well as being fitted to the needs of the household. The furnishings and woodwork are painted in strong primitive colors, churn blue and stove black while each panel, chair and table is picked out with a brilliant spray of pink "Bleeding Heart," the flower most loved for decoration by the peasantry of southern Europe.

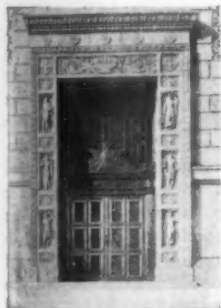
Where the wall forms an inverted right angle a clever dash of color has been introduced, for here, standing upright in narrow wall racks, are rows of plates, very quaint in their many colored designs in yellow, orange and black, with a great deal of Royal blue. This is Czechoslovak pottery bought at a New York Shop, and was chosen because of its similarity to the Polish pottery. The painted door in this kitchen is a picture in itself and when opened another picture is shown, that of an Old World garden with three steps leading down into this sunny spot where among other things grows "Koperek," an herb without which no Polish soup is complete.

Decorated doors, in fact, are one of the characteristic features of the whole house and mention of them has been purposely left until the last as they are worthy of special note. Here we have two that are typically Polish, the massive carved front door of the Polish country house as well as the gaily painted blue kitchen door, mentioned above which is used in all peasant homes. Two others in the house are typically "Benda" doors and carry out the color scheme in the studio living room. The most unusual of these is the inside paneling of the front door, which has a pure goldleaf background on which is painted a tree, bare of leaves with its branches showing brown against the golden sky. This is particularly effective when (continued on page 500)





SCOTTISH Rite Temple, Oakland, California. Carl Werner, Architect. McDonald & Kahn, General Contractor. P. Grassi & Company, Cast Stone Manufacturer. Peter Bradley, Stucco Contractor. Below: a detail of the doorway.



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## Your clothes closets

Continued from page 403

assets and a can of paint will dispose of them very simply. It is well to confine your color scheme to one or two tones which should match or definitely contrast with the predominant note in your bedroom.

Figured wallpaper is occasionally employed to line a closet, even when the bedroom is done in solid color. For instance, one bedroom which was carried out in two shades of pale apricot, used respectively on walls and woodwork, had a large clothes closet papered in a sprigged effect, in which apricot and green predominated. The shelves were painted in the same shade as the woodwork in the bedroom.

Closet shelves may be covered with home made pads of any chosen material, or with chintz, oilcloth or paper shelving. Perhaps the best solution is plain white shelf paper which is very cheap and can be frequently changed. The shelf edging used in conjunction may be as frivolous as desired. Trimmings are so varied just now that it is impossible to give any real idea of their scope. Pleated flowered chintz, used with a plain chintz binding is attractive at 50 cents a yard. Oilcloths are much less expensive. Among the newer types is a smart plaid in soft bedroom tones, and an embossed oilcloth that looks for all the world like a brocade and sells at only 10 cents a yard in the narrow width. There are, of course, dozens of lace and ribbon combinations which may be had, if you prefer a more fluffy ensemble.

Whether you use your closet for lingerie, blouses, stockings, etc., as well as for dresses, hats and shoes, depends, of course, on the arrangement of your room and the size of your closet space. Every closet, then, needs hangers, shoe-trees, dress-bags, hat-stands or hat-boxes, and shelving of some kind.

Hangers come in a great variety of styles and prices. Some which are satisfactory may be bought for ten cents in a choice of colored enamels. If you find enamels slippery, a newer hanger has been brought out at the same price, covered in a kind of jersey cloth which is offered in an even wider variety of colors. The same type of hanger may be had in rayon, which gives a pleasing and luxurious appearance. These sell for 25 cents each.

Velvet hangers are priced at 65 cents, and there are innumerable other varieties on sale in the shops. Many of these can be copied at a somewhat lower cost by the woman who is clever with her fingers and who has plenty of spare time. Tiny ribbon flowers and bits of lace add a feminine touch, and tangible evidences of the home dressmaker's visits can often be utilized in this way.

Even if you buy your hangers ready made, you will want to sew little bags of sachet or lavender to tie to them, especially for party frocks. However, there is one very new contrivance which eliminates this necessity. It is a hanger made of colored celluloid with a hollow at each end on the under side, designed for the insertion of a wad of sacheted cotton. These hangers cost \$1.00 each and make excellent bridge prizes as well as closet accessories.

The number of your dress bags will probably be in exact ratio to your patience. Some women find it too much trouble to tuck a frock into a cover each time it is worn and have bags only for garments which do not see daily service, or for their more fragile frocks. Argentine cloth, which is dustproof and transparent and a colorful adjunct to a wardrobe, is a favorite for garment covers. These cost about \$1.00 each. Other bags are made of unbleached muslin bound in color and cost 65 cents or of muslin dyed in the popular tones and priced at 75 cents. The making of a dress-cover is a very simple process for the woman who likes to sew and who prefers something more distinctive than she can find in the shops.

The bag designed for a single garment has its uses but the wardrobe bag which holds six or eight costumes is also popular. This is made of heavy ticking or cretonne, often in striped and flowered patterns, and is excellent for clothes which are temporarily out of season. One bag of this kind which we have seen costs \$1.00. Shoe bags may be had to match certain of these garment bags. They are designed to hang on closet doors and hold from four to eight pair of shoes in individual pockets. Laundry bags of the same pattern may also be had.

One clever arrangement which we encountered in the course of our shopping is called a utility bag. It is divided into separate compartments for several pairs of shoes, two umbrellas and a reasonable quantity of laundry, costing only \$1.35. Another novelty is a collapsible shoe container which folds perfectly flat when not in use but opens out into a series of connected shoeboxes each one of them closing individually. This general form is similar to the shoe cabinets which are so popular but this container has the advantage of hanging on a closet door or any available hook. Its cost ranges from \$3.75 and \$4.75.

Speaking of shoe cabinets, the vogue of these recent arrivals seems assured. One encounters them in every possible form, from the simple single tier arrangement with an open front to the most elaborate nests which are either composed of separate drawers or have a door to keep out the minutest speck of dust. The more expensive ones usually have a stocking drawer or two, as well. They come in papier mâché, and in wood, treated in innumerable ways. The compartments are grouped so differently in each model that it seems as though there should be a size to fit any nook in any closet. The lowest priced cabinet we have come across costs \$3.50.

Shoe cabinets have their accompanying boxes for hats, stockings, lingerie, etc. They are covered in fabric, or in interesting papers, or are painted effectively. Sets like these often cost more than the average woman cares to spend. One clever woman of our acquaintance has been hoarding hat-boxes and shoe-boxes—even begging them from her friends. She is now about to cover them with several pieces of fascinating wallpaper remnants which she bought at a very low cost. She expects to have a (continued on page 496)



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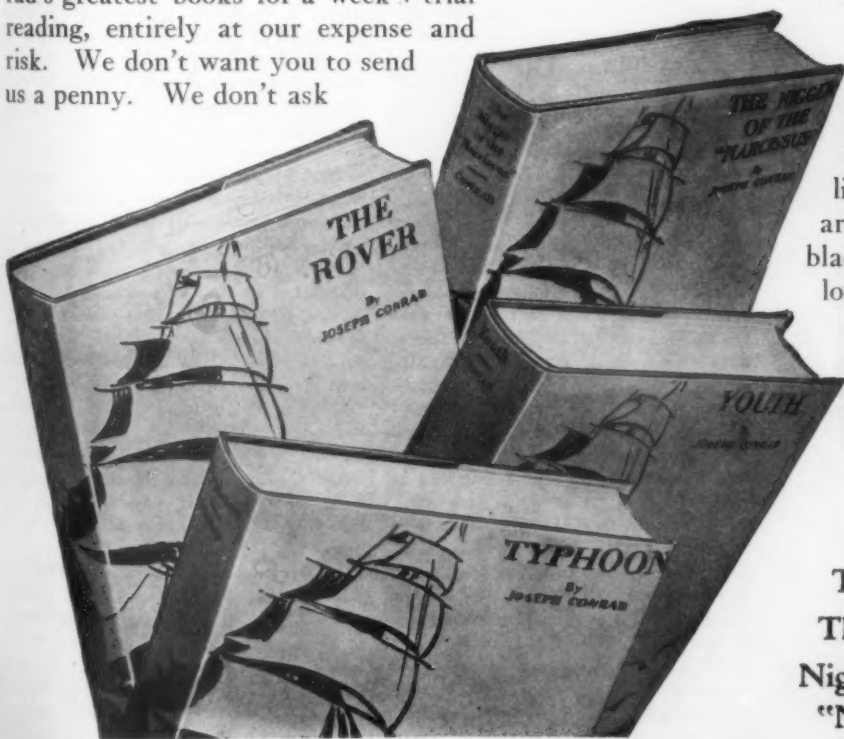
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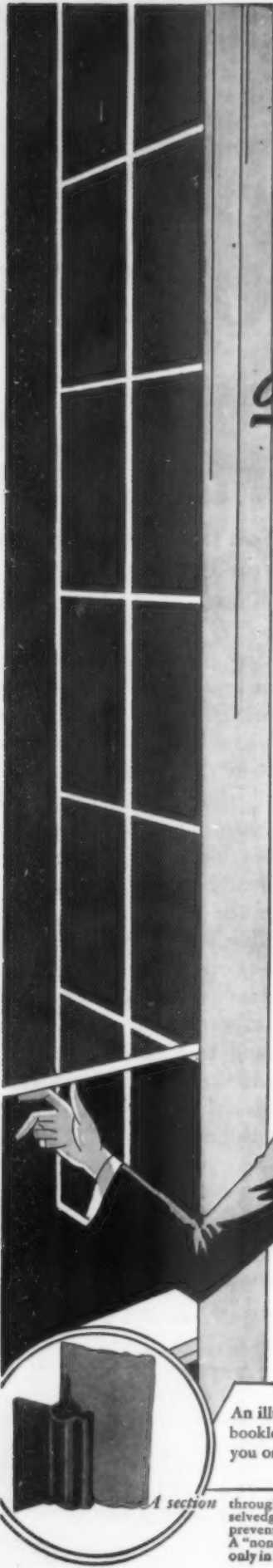
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## Now see your own finish

*Continued from page 395*

and we have become accustomed to associating painted furniture with the family workshop. Lately the rush to color has made us further conscious that even humble kitchen furniture may be arrayed in color glory that would put Solomon's nose out of joint.

Now that the color trend has extended all over the house, the popular demand for furniture that can be painted has found its natural expression in two directions. On the one hand there is the manufacture, in factory volume, of simple furniture built on good lines, but made of cheap wood and put together at the lowest possible cost. In the opposite direction there have sprung up "shops" which are in reality small and rather exclusive factories, devoted to the finest craftsmanship and presided over by artists and expert cabinet makers who unite in producing furniture of authentic period design from the days of "Good" Queen Anne to the present.

Let us first look at the cheaper factory-made unpainted furniture. What do we find? Not only kitchen furniture, or perhaps merely table and chairs for the breakfast nook or dining room. We find much more than that: small round-topped tip tables, nicely proportioned; convenient end tables of various designs; "Windsor type" chairs, with and without arms; corner cabinets, with doors beneath and open shelves above that are a good cross between a typical "Welsh dresser" and a French provincial cabinet. And then, of course, there are regulation chests of drawers, high or low, wide or narrow. We find all these and many other things. This grade of unpainted furniture is already being sold in many department stores throughout the country, although most often on the floor with the standardized kitchen

furniture. By carefully exploring, you will find some surprisingly good things. I remember seeing a really quaint corner cabinet for \$14; nice chests for from \$12 to \$20; chairs of good design for from \$2.50 to \$5 (the latter, arm chairs); and sets of cunning little hanging shelves for one dollar!

Now before going further into the decorative possibilities of these smaller pieces, let us consider the expert cabinetmaker's output. Here you may revel in the atmosphere of any period, and buy (or specially order) anything excepting a grand piano or a kitchen stove. Here you may select a Molly Pitcher dining table, surround it with old-fashioned "ladder-back" chairs with rush seats; place two high "pier" cabinets at strategic points along the longer wall; introduce a Duncan Phyfe "top-fold" serving table, and you have the setting for an interesting and unusual dining room. Colonial furniture of all types lends itself especially well to the unfinished product, as it looks so well when painted and perhaps decorated with the old-fashioned bouquets of flowers. Modernistic furniture is also available. Beds, dressing tables, desks, cabinets of all sizes and kinds, comfortable chairs even to the once ubiquitous rocker, and in fact almost any piece of furniture desired, may be bought in the unfinished state. This high-grade furniture, although not expensive, is made of maple, birch, and even mahogany.

But here again, considering what you are getting, the prices are extremely low. You can buy single beds of almost any "period," for from \$20 to \$35; chairs from \$4 to \$15—and all in authentic designs, mind you! Secretaries from \$20 up, and well-made desks (continued on page 452)



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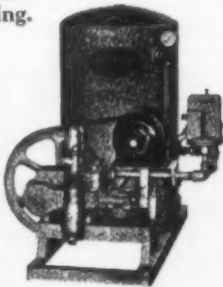
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## Now see your own finish

Continued from page 450

likewise, the "up" in all these cases depending largely on the wood used but even more largely on the amount of labor involved.

The desirability of this furniture as to cost and design has been pointed out in order to serve as a foundation for the real subject I want to discuss, and that is the wonderful way in which paintable furniture can be made to fit into the home ensemble on the three important counts of color, economy and convenience.

Long before saving the surface had become one of the popular indoor sports, I had succumbed to the contagion of the painting bug. Undeterred by the patience required through the slow-drying paints of another day, I loved to turn even a very humble piece of furniture into one of splendor and importance. Let me tell you the history of a certain meek little white kitchen chair—very much on the order of the "early American chair" which, if you go to the right places where a "period atmosphere" can separate you from your dollars unnecessarily, you may now buy for a very considerable sum. However, that is neither here nor there. I was having a bedroom done over for which I needed another *assez-vous*, and I decided the cuisine department could do without this particular object. So I commanded this chair, obliterated its innocent whiteness with a coat of luscious rose-color; tied gay chintz cushions to its sturdy back and seat, with a final effect that was both coy and softening. After a year of soft leisure as a boudoir factotum, I heartlessly stripped that same chair of its cushions, and by painting it a dull black and then rubbing it down with oil, made it appear to be a real ebony chair of simple design which now looked like a million dollars standing by my red-and-black Chinese desk. That is what a little bit of imagination will do.

We hear a great deal about buying "related pieces" these days. Here again is where the paint brush does its joyful work. By means of it you bring unity into a room, and harmony out of chaos.

Just think of how you can make over a bedroom, for example. We'll say you have decided to have it repapered with one of the new washable papers, showing small, old-fashioned bouquets on a cream ground. A chintz to go with it will form your over-curtains at the windows, and possibly the bedspread, edging these with the yellow or green. We will say you decide on the yellow piping for an accent. Then why not use the same shade of soft green as seen in the leaves of the chintz design, and paint the bedroom furniture that color? Green is a complementary color to yellow, you know. It may be that all of your large bedroom pieces are not of the same wood or finish. Now you can harmonize them all. You can buy the right shade outright, or else, by following the instructions on the mixing card your paint dealer will give you, mix your paints yourself. Edge your furniture with silver, which is very smart just

now, and the bedroom will be entirely made over.

I recently saw an old-fashioned apartment with high ceilings just before a friend moved into it. The dining room was the most drab and ugly affair you could imagine. But this is what had happened to it when I saw it three weeks later. The walls had been painted a warm light gray. (This means gray with a good deal of yellow mixed in the paint. Of course you don't see the yellow, unless you have a trained color eye, but it's there!) The woodwork and floor were painted in a very dark green. An artistic but inexpensive fabric of dull yellow with a small conventional design of green leaves dotting it here and there, made the curtains. Toward the window side of the room was a "plank" table of the crossleg or saw-buck type, made of pine by a neighboring carpenter, with two long benches ranged alongside. And at each end were cute little splint seat chairs which had cost \$1.19 a piece! A quaint cabinet in the corner, made up of odds and ends of nothing, had cost only half a song. There were some judiciously placed high shelves (I love shelves, don't you?); and on the floor was a rug consisting of two strips of deep pile plain carpet in burnt sienna—a reddish brown. All the furniture was painted a dark brown, but decided enough in tone to offset the dark green woodwork. Some old-fashioned jugs and other pieces of pottery in green or yellow helped to give atmosphere to a room which a few dollars plus a good deal of imagination had turned into a perfect picture.

When your craving to express yourself in paint leads you to the living room, the rich new lacquers in black or red, with trims of gold or silver, are what you should use. Here you achieve the rich, shiny surface now so much the vogue. And again, through the magic of the paint pot, you can turn an alien piece of furniture into one of the proudest items in the room. You may have a golden oak "mission" arm-chair, for example. But as for *your* chair—lacquer it a shiny black, upholster it with an artistic new fabric (and it is wonderful how many of them are good and cheap), and then see how "elegant" that chair will look.

Painting furniture is a most useful pastime, because by this means you can make new and inexpensive furniture look effective and even costly. It is economical, because the magic of paint can make old and shabby furniture look like new.

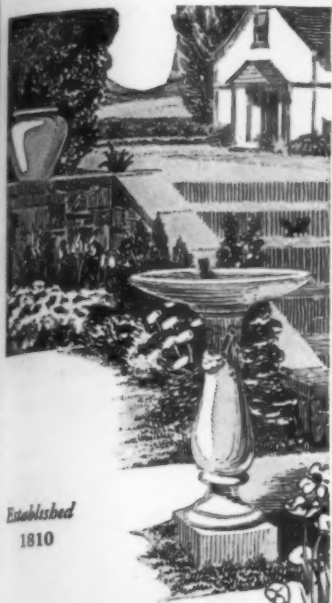
It is artistic, because it helps to put each piece into its rightful place as part of a harmonious whole.

And please remember these points (they will save you much worry):

- (1) Buy good paint, some standard advertised brand.
- (2) Take the dealer's advice as to the kind of brush to use.
- (3) Follow directions carefully.
- (4) Watch your stroke.
- (5) LET IT DRY!

Ed. note: Miss Weber will gladly answer questions about painting or lacquering your furniture.





Established 1810

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TIME defying, beautifying, High fired Terra Cottas that will give enduring charm to your Garden, Sun-room and Porch.

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Gently turns in the breeze giving each piece an equal chance at the air and sunshine. Dries entire wash evenly and spotlessly clean. Stand in one place to hang up the whole basket of clothes. Folds like an umbrella to store away. Housewives like its many exclusive improvements.

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## BACKYARD EXPLORATION

By Paul Griswold Howes

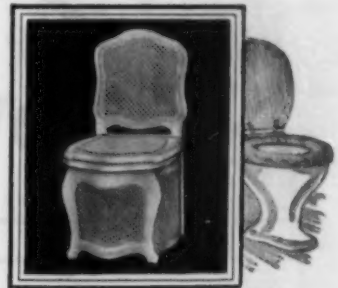
A Connecticut naturalist has made amazing discoveries about animal and insect life within ten miles of his home. He has learned what happens in two years to a quart of water scooped from a pond in mid-winter. He has constructed a fascinating calendar of the nature year. He tells of the thrilling and practical game of micro-gardening; the strange inhabitants of ordinary ponds and streams and fields. His book reveals the astounding nature secrets of the everyday world.

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Garden City New York



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A marvel of efficiency—yes! But not an object for display. Now any bowl, old or new can be cloaked in a few minutes with a ZUNDEL Sanitary Toilet Chair. Sanitary, Easy-to-clean, fits perfectly and offers the outward eye a lovely boudoir appearance

Colors, designs and trims to match any decoration scheme

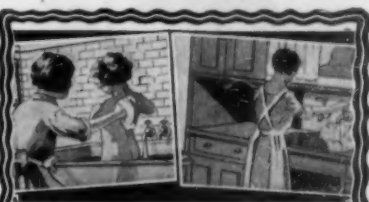
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See your plumber or write us today for new FREE portfolio AH-1 showing beautiful designs.



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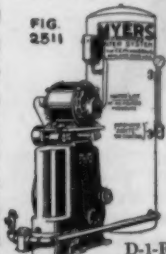


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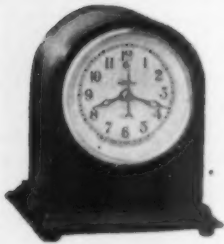
Send 10¢ for CATALOG

# SHOP WINDOWS OF MAYFAIR

BY SHIRLEY PAINE

This is your department, please feel free to use it early and often. The more things you buy through Shop Windows of Mayfair, the more things we can show here. Each article has been chosen because of value, smartness, or usefulness. Our Board of Censors is active, and everything on these pages

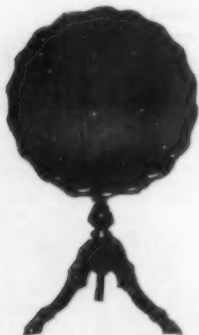
had to receive a unanimous vote before being shown to you. Make checks payable to Shirley Paine, care Doubleday, Doran & Company, Inc., 244 Madison Avenue, New York. Write her, enclosing check for the article you wish, and she does the rest. This service is entirely without charge.



Something new in clocks. In several fine cases running from \$20 up. No keys; no winding. Plugs directly into ordinary AC light circuit. Accurate to second. Runs forever. Write me for catalogues.



Charming table lamp of the old student type, brass with 10" hand-blocked parchment shade, electrified and with glass chimney. Fits perfectly with early American or Colonial things. Height 25". Lamp \$16.50, shade \$5.40.



Pie crust tip-top tables are interesting, useful, and decorative to the Nth degree. This solid mahogany one is 24" diameter, 28" high. It serves a dozen uses, has nice grain to the wood. Price \$24 crated for safe shipment.



One of the loveliest 18th Century walnut *poudreuses* imaginable, lined with old French wallpaper. I found it in a huge old house on the East Side, specializing in Italian and French antiques. It is in

fine condition; price \$250. Bench 18th Century covered in old brocatelle, \$65. Write Shirley Paine for this address, or for photos of special things.

A 24" high, 26 x 28" top butterfly table copied from a fine museum example of early American craftsmanship in delicate proportion and detail even to the exposed pegged joints. Unfinished, \$11.75; finished

in hand-rubbed old maple or antique mahogany, \$15. Any special color, \$15. Chinese lacquer, red, green, yellow, blue, or black, \$22.50. ALL F.O.B. N.Y.



This is a find. 24" high cast brass two candle lamp, antique finish with 16" sheet brass shade (solid or pierced), antique outside, white inside. Usually \$42, to readers, special at \$34.80.



At last I've found a small girondole convex mirror that is beautiful, well made and well priced. Frame is solid mahogany finely hand-carved and finished in real gilt. Size 14 x 22" outside, 11 1/2" mirror. \$37.50 crated.



Routes of explorers, shifting world politics, movements of stars—follow them all on this corrected terrestrial globe of Scotch imprint. Rich walnut stand adds decorative qualities. Globe 12" diam., \$25 delivered 100 mi. N. Y.





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in  
Maple  
Arm  
chair  
with seat  
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\$15

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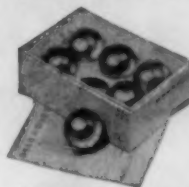
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**Silverice Balls**

Instead of putting ice in the glass to cool your drink, the smart thing today is to drop

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You put the tea in a separate compartment at the top, then tip the pot over onto its back to let it steep. When again set upright, the tea may be poured without use of strainer. In brown or green vitrified china.

3/4 pint . \$2.25 1 pt. . \$2.75  
1 1/2 pta. . \$3.50 2 pta. . \$4.25  
1 pt. approx. 3 cups



**Stepping Stool**

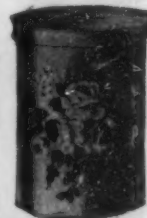


When you stand on this stool to reach for anything there's no worry about falling or scratching the furniture! Can be easily tucked away as it measures only

13 1/2" high x 14" deep x 8" wide. Natural wood unfinished, \$3.25. White enamel, mahogany, or lacquered any color and fitted with rubber tread. . . . \$5.75.

**Boudoir Hamper**

Takes little space and harmonizes with almost any color scheme as it comes in rose, blue, green, orchid, or parchment, with floral decorations as shown. Substantially constructed, of metal, oval in shape. Two sizes: 23" high, 11 1/2" wide . . . \$14.50  
16 1/4" high, 12" wide . . . \$12.50



**Waste Basket**



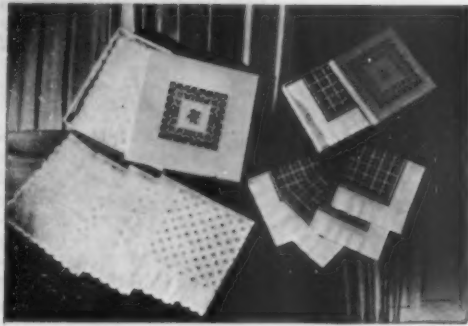
Such a cheery looking object as this would brighten up any room, no matter where it rested. Of metal, painted and decorated as shown, 12" high. Scottie, Pekinese, Police Dog, or Wire-Haired Terrier. . . . each \$5.00

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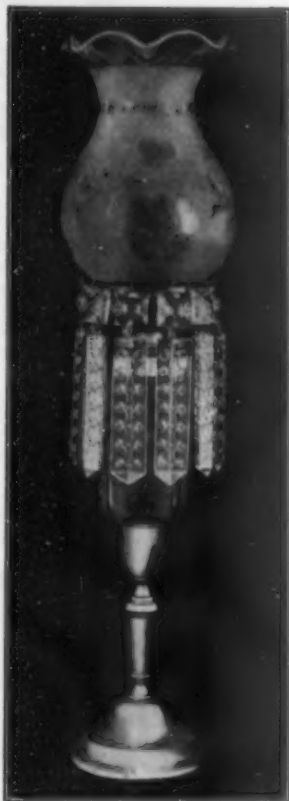
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Rose, green, blue, yellow, lavender.

They are boxed in quantities of fifty—in two sizes—luncheon size \$1.50; tea size \$1.25 per box.

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This Peg Lamp is an authentic copy of one of those brought home by our old sailing masters. Comes in a blue or rose-pink font, overlay cut to show design in crystal, mounted on a pewter candlestick, with blown and hand cut frosted globe and butterfly prisms. Height, 18 inches.

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Happy, Livable, Homelike Rooms  
**Winnifred Fales, Herself**

will teach you to create them with her "Easy Lessons for Home Study," and personal letters. Ask for "Booklet A."

**STUDIO of DECORATIVE CRAFTS**  
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No. 955

Mirror after Chippendale. Extreme width, 12 1/2 in.; height, 19 1/2 in. Priced \$7.85. Express charges additional.

### A Charming Chippendale Reproduction

This mirror is an authentic copy of the Early American Chippendale. The frame is of African Mahogany veneer, well finished. Mirror of fine quality plate glass.

**The TREASURE CHEST**  
Asheville, North Carolina



This "Tuck-A-Way" table finds a useful place in the country house for an emergency tea or porch table; in town it is invaluable, folds up when not in use and slips out of the way. Solid mahogany in antique finish. Two sizes. 18 x 24", \$13.50; 24 x 36", \$19.50. Del. 100 mi. N.Y. A fine catalogue of housewares.



I found these in America's finest sporting goods store. They are useful and ornamental gifts for a man—or in fact for anyone who is fond of dogs. They are cast in solid bronze. The corkscrew has a pekinese; shoe-horn shows a wire haired fox terrier, and the horn part is nicely polished. The bottle opener has a

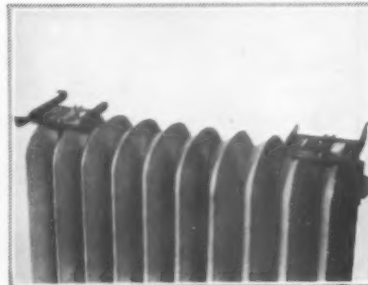


scottie. The letter opener has a setter pointing game. The shoe-horn is \$1.50, and the other items are \$1 each—all postpaid anywhere in the U. S. A. There are only a few chosen from thousands of unusual things. If you will write Shirley Paine I will have a catalogue mailed to you, and your name put on their mailing list.

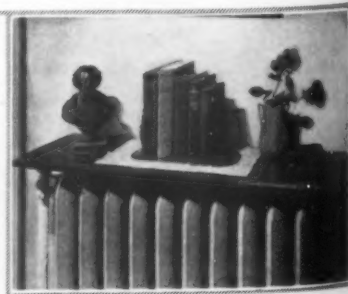


Sheffield plated silver lends rich sheen and lustre to the dining table which is truly delightful. Prices are often astonishingly low and one shop offers a fine catalogue. Consider too a luscious ham

baked to a turn, boned and then immaculately sealed in a special can! For buffet suppers, on hot days when a heated kitchen is torture. The very newest thing. Catalogues sent gladly.



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These and the many other beautiful patterns in the extensive Industrial Arts line, available in copper, brass, tin, or pewter, and with or without electric attachments, will contribute to any home an air of originality and good taste.

Write for illustrated booklet

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35-H NORTH BENNET ST. BOSTON, MASS.  
DISPLAY ROOMS at 64 Charles St.

**CLOCKS in the MODERN HOME with "Clock Chart"**



Send for a Copy

This new book, endorsed by authorities on interior decoration, is now being printed.

The "Clock Chart" suggests at a glance, the right clocks to select for each room in the house. Sixteen pages in color illustrate beautiful clocks correctly placed in various rooms of the home. Many new uses of clocks described. Send 20c in stamps for your copy.

**CLOCK MANUFACTURERS ASSOCIATION OF AMERICA**  
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Birds protect your gardens by eating bugs and insects. Prepare now for the birds' home coming. Their choice is a New Hampshire Red Cedar Bird House.

Try This: Place a cedar house beside any other and watch the birds struggle for ownership of the cedar house. They love the rustic and sweet-smelling wood.

No. 21. A very attractive red cedar house 12 in. high. Price \$2.25. F. O. B. Boston, Mass. 4 lbs.

We can provide rustic bird baths, feeding stations, nesting material station, Marlin houses and all types of bird houses from \$1.00 to \$15.00. A folder in colors showing them all will be cheerfully sent by addressing THE BATCHELLER ASSOCIATES OF BOSTON, 80 Newbury Street, Boston, Mass.



**Special Club Offer**  
To American Home readers, we will send on receipt of check or money order, a feeding station and two bird houses, at the special price of \$5.00. This offer is F. O. B. Boston, shipping weight 14 lbs.



In the modern apartment where conservation of space is an important factor, the Superior Step Stool forms two articles in one. When closed it forms a stool high enough for comfort and low enough to push under the sink or table. When drawn out it forms a convenient set of steps. These step-stools are furnished in the following enamel finishes: White, Ivory, Gray, Red, Light Blue, Dark Blue, Green and Yellow; also Natural Birch Varnished.

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**Gen. George Washington**

A dignified likeness of Washington in his Continental army uniform. This silhouette is printed in black on cream paper, the black part measuring 4 1/2" high. The old maple frame, of a rich yellow tone, measuring 8 x 10" outside, is a copy of an antique. Price \$4.75 complete.

Another silhouette portrait of George Washington (not in uniform) and a companion of Martha Washington can be purchased framed like the illustration. Also companions of "A Young Beau" and "Colonial Belle". Price \$4.75 each.

Send for our illustrated circular S-3 for other Silhouettes and Frames

**FOSTER BROTHERS**  
Arlington, Mass., and  
4 Park Square, Boston, Mass.

## Wood Mantels



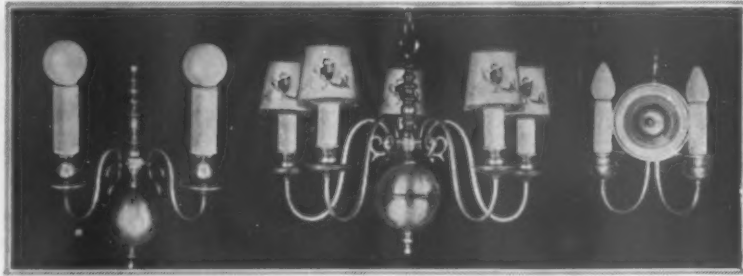
Wood mantels give beauty, distinction, and refinement to the fireplace and look equally well in combination with brick, marble or stone. We can supply them in authentic Colonial and English designs from \$29.00 either direct or through your builder.

**Catalogues:**

A-6 Andirons & Fixtures S-6 Screens  
M-6 Mantels F-6 Franklin Stoves

**Edwin Jackson**  
Incorporated

Downtown: 50 Beekman Street, N. Y.  
Uptown: 65th St., cor. Lexington Ave., N. Y.



One group of Colonial light fixtures shown here brought in such an overwhelming response in orders and catalogue requests that we are illustrating a second group made by the same reliable house here in New York. *Left:* two-

candle sidelight in brass, \$5.60; *Right:* two-candle sidelight in brass, \$12, matching the lovely chandelier in center, \$50, without shades. A very fine catalogue mailed gladly.



A strong imported wood-box covered in hand-hammered brass. Nothing finer for a man's room or for the living room. Special price \$16.50 del. 100 mi. N. Y. 23 1/2" long, 18" high, 12" deep.



This electric unit has many uses—as a bottle warmer, milk or water sterilizer, for boiling eggs. It is in nickel finish, compact, nice looking. Price \$3.75. Write for catalogue.



### IRON BOOKENDS OR DOOR STOPS

\$2.75 per pair, \$1.50 each

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Boston, Mass.

Please mail your Book  
"Wrought Iron Things," to

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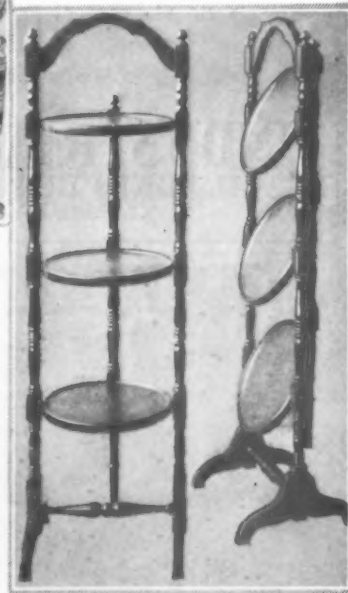
State .....



An amusing hand-blocked linen signed by Tony Sarg—the "History of Toys," in 11 colors. It shows toys of all ages from the first wooden soldier to sophisticated marionettes. Cream ground, 36" wide. For drapes, covers, screens, etc. \$3.70 postpaid. Cuttings sent gladly.



The best and most practical log-carrier available, and extremely good looking. It is made of strong leather studded with copper rivets, Spanish fashion. Prevents soiling clothing, or littering floors. Will last for years. Rolls up when not in use. \$6 postpaid within 100 miles of New York.



The "Tuck-A-Way" muffin stand, like the table, takes up floor space only when in use. When not in active service, shelves fold up flat and it retires to the sidelines. Being of solid mahogany, antique finish, it is a most decorative occasional piece. \$19.50 del. 100 mi. N.Y.

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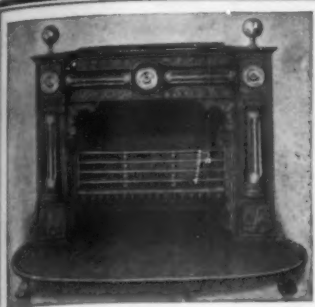
Period and Modernistic styles, color harmony, draperies and all fundamentals. Personal instruction by New York decorators.

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start Feb. 4. Send for Catalog 12R

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## New walls for every home

Continued from page 399

Of course, we do not advocate huge designs even with open backgrounds, but a good sized pattern in light clear colors, with plenty of light background showing will do much to make a tiny room seem larger. Small scenics with perspective in the drawing are an ideal selection, but where scenics are not appropriate, papers with a lattice effect combined with an over pattern of flowers or leaves will make the wall seem to be of two planes, and a foliage design showing shadow leaves in the background will give the same effect.

Light clear colors add to the feeling of space, whereas dark rich colors with close designs bring the walls nearer. Often this is desirable, especially in large libraries, or winter living rooms where extensive wall space and high ceilings make it difficult to create an inviting homelike room. Red, a very popular color just now, gold, Royal blue, Chinese green, and all shades of brown bring warmth and depth into a color scheme, but also absorb light so they should be used only in sunny rooms. Yellows, apricot, rose, gray, light Nile green, and, of course, white add light to dark rooms, making them seem larger. Children's rooms should be furnished with these light giving colors as they make a cheerful, pleasant place for rest as well as play.

There is a tendency to panel rooms now, using a plain paper for a styling and a figured paper in the panels. In most cases well designed panels add to the charm of the room. But care must be taken to plan these panels so that they serve as a proper background for the furniture. Each one should be considered as the background of a picture and the furniture grouped before it should fit into this background, not extend beyond it in conflicting crisscross lines.

For instance, a large davenport, with its attendant end table and reading lamp, has a large panel behind it, fitting well into the wall area and leaving an evenly spaced styling around it. Where the wall is broken by windows, smaller panels must be used, but in front of these set small pieces of furniture, so that the picture has its proper proportions. A panel

unifies the grouping before it, and accentuates the effect of that group if it is properly planned. Wallpaper used for panels should be quite definite in pattern and color. An insignificant pattern with too delicate colors loses its character as a decorative background, and there is not enough contrast with the plain styling to be effective. Panels belong in rather a large room, and in one with a bit of formality in its furniture. Small Colonial cottages, quaint little bedrooms with no space to spare, should not aspire to a paneled wall.

There is no one thing that can suggest a definite period so well as an authentic wallpaper. It was used so generally in Colonial days that it is difficult to imagine an Early American home without it. The old designs, many of which are still in existence, have been copied so carefully that the owner of a modern Colonial home finds no difficulty in recreating the spirit of these earlier days through their use. There are patterns for every type of house—tapestry papers, and designs that suggest rough crewel work for the English cottage, and glowing "silk" brocades, and metallic papers for the formal home where dignified and elaborate patterns are essential.

The modernists are using wallpaper extensively, allowing the walls often to carry the entire burden of design for the room. With the simple furniture and severe lines of even the lighting fixtures and drapery, it is almost necessary to have interesting patterns there.

In looking over the new papers some of them stand out as particularly useful. For instance, there is a large diagonal, always a good motif for a variety of purposes. This one has particularly pleasing color, the background is pale yellow rather cool in shade, with a series of crossing lines of dull orange and silver. The quaint little flower pattern that occurs in every other section is in shades of rose, gold, green and lavender, and though this combination sounds rather daring it is so widely spaced that the small design does not dominate the wall in the least. The open lattice (continued on page 467)



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**New walls for every home**

Continued from page 466

effect of the crossing lines gives a feeling of space, which is heightened by the light, clear colors. This paper would be excellent for a dark room, and its drawing is sufficiently suggestive of the modern to make a background that would be most amusing and original in a bedroom, dining room or nursery.

Another modern paper with scattered flower heads, is quite different. The background of this paper is the lightest shade of tan and the scattered futuristic flowers are of silver with gold centers, both having a metallic finish. Because this finish reflects the light the paper will do much to brighten a dark room, without giving it any special color motif, which in some cases is better. It would make an interesting bedroom paper, particularly for a guest room where delicate and subtle colors may be used without the hard wear of daily use.

A rough finished paper that we might pick up next, has a crudely

drawn design that is quite a contrast to our previous choice. This is a hand blocked paper printed on a very rough sand finished stock. The design is in Chinese blue, and the ground is in several shades of tan. It disproves the assertion that no wallpaper is suitable for an English cottage or a Spanish home. This design is in perfect harmony with the English oak, of the one, or the heavy Spanish furniture of the other. It has character without too many colors so it is useful for a living room or dining room where several different shades already appear in the other furniture. It is space giving, yet it gives a solid background for massive furniture, being quite equal to holding its own against it. The unusual shade of blue would be cold without the warmth of the tan, but together they are most satisfying.

Another diagonal claims our attention, a little more elaborate than the first and more on the Colonial type of (continued on page 496)



Restful pattern and color are best for a bedroom, the design in the room above being furnished by the drapery on bed and windows



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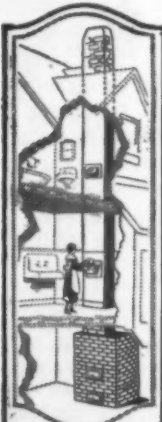
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## Decorative bedspreads

Continued from page 401

which we saw recently used one of these spreads with a simple set of painted wood.

The cover was made of white percale with a blue border, outlining the mattress and thus forming a central panel, and also edging the spread itself. In the corners of the panel, gaily tinted morning glories were applied, backed by the suggestion of a lattice done in machine-stitching. The bedspread was the keynote of the room, and was brought into harmony by a border of morning glories applied to the walls.

The most faithful reproduction of the old patchwork comfortable is found in a printed spread which is quilted and backed with swansdown. It comes in the mixture of shades characteristic of real patchwork and the print simulates the uneven effect of innumerable small patches, as well as the different types of remnants which went to make up an old quilt. This spread costs only \$13.50. It must, however, be used with great care, and we should advise it only for strictly early American rooms, preferably where maple furniture predominates.

Speaking of prints, the Indian and Persian patterns make very modish and inexpensive bedspreads. Unlike most chintzes and cretonnes, they require no joining or finishing as they come in bed sizes. Very nice ones can be obtained at prices ranging from \$3 to \$9. Of course, like patchwork quilts, they will not fit into every type or room, and must be purchased with discretion.

Candlewick spreads, while particularly suited to Colonial and early American furniture, may be used to advantage with most modern bedroom suites. They are usually made of unbleached muslin with tufted designs embroidered on the surface in white or in color. Occasionally, however, the whole spread is presented in color. One which we saw recently, of this type, cost only \$4.50. An excellent candlewick spread of unbleached muslin in natural color sells for \$12.50 and combines small French knots with large tufting.

The woman who is furnishing a

summer cottage or arraying an apartment in its summer clothes has an easy task in the matter of bedspreads. The lighter types of covering cost very little and are effective in a measure quite out of proportion to the initial outlay. Crinkled spreads, oyster white in tone, with stripes of rose, blue, green, gold or orchid sell as low as \$1.95. These same covers come in solid colors with white crinkles. Organdie spreads with ruffles and pleated boxings of rayon cost \$3.75.

Particularly appropriate for the summer home are spreads of voile or printed organdie with generous ruffles. Another point in their favor is the fact that they may be matched with ready-made curtain sets in the same materials, having valances to correspond to the flouncings of the spreads. Coverings of this type must be kept in the pink of condition as their freshness is their major charm. Fortunately they launder well.

A voile spread which is perhaps more practical than its more frilly sisters come in a delightful design of small squares and is button-holed around the edge in the predominating color of the pattern. It costs \$3.95.

Imported dimities that make one think of sweet lavender and old-fashioned gardens are used to fashion some dainty spreads with solid colored borders which set off to perfection the tiny flowered patterns. If you consider \$13.50 too much to pay for so fragile a coverlet, there are some charming domestic dimities that cost only \$7.50 and may serve your purpose equally well.

Spreads of dotted Swiss are just beginning to be popular. Several hostesses of note have introduced them into their summer homes, matching them with ruffled curtains. A well-known linen store predicts that they will lead the lighter types of spreads in the coming summer. They are shown in white, in white with colored dots, and in solid colors. They come with frills or with scalloped edges and cost from \$3.75 up, the finer quality being in the neighborhood of \$7.

There are several novelty weaves of linen which have been made into spreads. (continued on page 498)



India prints lend charm to Colonial rooms: a prayer rug furnished the inspiration for this inexpensive and effective spread. (B. Altman & Co.)

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# The American Home

# In and About the Garden



[[ Edward Parro. ]]

AS I roam about in one place and another I accumulate an overwhelming impression of monotony and want of character and interest in the way hedges are made. California Privet! California Privet!! California Privet!!! Miles and miles of it! True enough it serves its purpose and it is cheap; worse luck.

It really is not a desirable shrub to think of planting in a really small garden, especially if you are trying to grow a border of mixed flowering plants close up against the boundary as is usually the case, I notice. This California Privet (by the way, it isn't Californian at all—it's Chinese) is one of the most voracious feeders and its rapacious roots stretch out through the surrounding soil absorbing any added fertility that may have been put in for the hoped for benefit of the flower garden, and therein lies the one overwhelming reason against its general unconsidered planting.

In the small garden where space is all too valuable you may want to plant, say, a few choice Peonies against your Privet hedge. The planting is all right—you can do that—but the hedge will thrive at the expense of the Peonies, and so you sacrifice the better for the poorer in garden quality and effectiveness.

No wonder the small plot gardener so often bewails the lack of fertility and vigor in the other choice plants that he sets out to adorn the flower border. Don't misunderstand the argument. I am not opposed to hedges. On the contrary, I am very strong for them, because I feel that the enclosing frame that they give to the individual plot is absolutely essential in order to give scale and even to accentuate the parallelism of built-up sections—which is inevitable from the close placing of dwellings, garages, and such like. My complaint is not against the hedge in itself but against the choice of the worst possible material for making the hedge in a restricted area. And paradoxically it's the worst because it's the best.

It is now some years ago that Wilhelm

Miller writing in *Country Life* asserted that the California Privet was at once the best and the worst shrub. Its very merits constitute its great defects.

Quite apart from the fact that it is practically impossible to grow properly anything else in close proximity to a California Privet hedge, it is a constant source of trouble or expense in keeping it properly trimmed. A Privet hedge that is not regularly sheared will quickly run away out of all consciousness. Cheapness is its merit and its curse. If it were not cheap, it certainly wouldn't be planted so commonly.

#### NEED OF VARIETY

There is no solid reason why a hedge should be entirely formal and green. It would often be better indeed for color effect alone if a fence, preferably of woven wire or some other equally sub-

Matrimony Vine which has somehow or other dropped from its former place of high popularity, Kerria, the common Hemlock, or the Carolina Hemlock, or the White Pine, the Arborvitae (where it can get sufficient moisture). All these are merely commonplace examples of what may be so easily planted.

Near where I live a nurseryman has done the unusual thing in planting in front of his home a hedge of Copper Beech—it is the talk of the neighborhood, and a good advertisement for him. Beech, copper or green, cannot be beaten as a hedge plant. Most shrubs, as a matter of fact, and a great many trees, for that matter, will endure crowding and stand shearing in hedge formation. The slower growing ones are really the better in the long run because the constant maintenance and the constant control to repress the exuberant growth of rapid growing things becomes a chore that is increasingly distasteful as time goes on. Better, I think, start with a fence, even a temporary fence, on which you grow annual vines for a few years while the slower growing woody plants are becoming established, if you want to get the permanent result in the least expensive manner.

#### PLANTING IN MIXTURE

Lately when I was revisiting England I was greatly impressed with the fact that all along the countryside there was a less slavish effort at monotony in hedge material. Some of the most effective hedges that I saw especially in public places were made by mixed plantings of apparently any kind of shrub that came handy at the moment. The effect was far from unpleasing. Perhaps this might be called modernism in hedgemaking, were it not for the fact that it has an ample precedent be-

hind it in these hedgerows of England. When I am speaking of these I am not forgetful of the fact that there are miles and miles of uniformly monotonous hedge rows of common Privet and of Hawthorn but they are usually enclosing farm lands or market gardens, not flower gardens.



The hedge may be made an integral part of the garden picture when flowering shrubs are properly used

stantial metal construction, were firmly established and then used as a support for trailing or climbing shrubs. Take the Roses, or Clematis, or some of the Honeysuckles. If a permanent shrub planting be wanted without the fence, there is a rich field of material to choose from: Bridalwreath, Forsythia, the old



# ROSE NEWS

Published now ☆ and again ☆ by Star Rose Growers ☆ Conard-Pyle Company ☆ Robert Pyle President ☆ West Grove, Pa.



Two holidays this month—what a wonderful opportunity to enjoy the rose catalogs! As you toast your feet before your open fire you can enjoy thinking of the days to come when you will pick roses in your own garden.

☆☆☆

Perhaps by now you have had opportunity at least to glance through "The Star Guide for 1929" and observe some of the novelties therein. The roses that are this year's novelties were imported by us, most of them, in 1925 and 1926—that's how long it takes a rose to get on the market.



Incidentally, it may be news to you that there are nearly 200 roses introduced each year. They originate in Australia, Czechoslovakia, Germany, France, Holland, England and some in America. When the foreign roses reach America, the original plants cannot be resold—a wise precaution to safeguard American Horticulture from foreign disease or insect invasion. It takes several years to propagate "Star" plants from these, and in the meantime we are carefully testing and studying the characteristics of these newcomers.

The more desirable of the new roses, as they are announced abroad, are brought to West Grove and planted in our test gardens—so that we may know for ourselves whether those roses would do well in your garden. Out of every hundred roses so tested perhaps one will be really worth-while and in three, four or five years, after our test begins, as the case may be, we will be picturing and offering that new rose to you—guaranteed!

There is no other firm in America we believe, that takes such pains to make positively sure that roses will grow and will bloom. As we have said many times, it is not our guarantee that makes "Star" Roses bloom, it is the sturdiness and vitality of our roses that makes the guarantee possible.

☆☆☆

Those who live nearest to "Longwood", the home of Mr. and Mrs. Pierre S. du Pont, can best appreciate the public spirit of benefaction that is so characteristic of our neighbors. Their internationally famous conservatory is less than ten miles from the Star Rose gardens, and we feel that it is a great compliment to "Star" Roses that most of the roses at "Longwood" were born in our fields. It will be another year, unfortunately, before we are able to offer you that interesting yellow rose that has just been named "Mrs. Pierre S. du Pont". It promises to be the rose of a generation, for it won more gold medals at the 1928 shows in Europe than any one rose before has ever won.

☆☆☆

For the fourth time the Syracuse Rose Society has designated Star Rose Growers to supply them with the roses they need for 1929.

The Syracuse Rose Society is one of

the oldest and most advanced rose organizations in the country. It has had fifteen to twenty years of a most successful career. A committee was appointed last fall to visit a number of nurseries and decide which one offered the best roses. The competition was very keen, of course, and was decided, we believe, more upon a quality than price basis and the annual order was once more given to us.



☆☆☆

## The rose lover's fraternity



There is a new fraternity which boasts no jeweled emblem. It has no password. There is no secret initiation. It is the fraternity of those whose gardens show the little celluloid, star shaped tags that are wired to "Star" Roses when they are shipped out. These should not be removed.

A. C. Hottes, professor of Horticulture at Ohio University, commented to us recently on the frequency with which he saw these stars on rose plants as he visited among flower lovers through Ohio.

You, doubtless, realize that the stars are not on the rose simply to promote this feeling of good friendship, this feeling of fraternity kinship, as it were, but are there to give you the name of the rose and to carry to your satisfaction our guarantee that "Star" Roses will grow and bloom.

☆☆☆

## American Rose Society

Rose News is always glad to say a word for The American Rose Society. The Society, during the past dozen or fifteen years, has grown in membership from 300 to about 5000, the subscription price has increased from \$1.00 to \$3.50 per year. It is fortunate in having as editor of its annual publication Dr. J. Horace McFarland, who compiles the experiences of its widely scattered membership in a fashion to make most valuable, helpful and entertaining reading. The Society's Handbook, published in May, will introduce you to the names of other rose lovers in your locality. It has a complete list of the membership, both geographically and alphabetically arranged, together with much information about state vice presidents, local secretaries, about the calendar of rose events, about the loan library, etc. Subscriptions and memberships are always cheerfully handled by this firm.



☆☆☆

Very recently we have had the pleasure of naming a rose for Aristide Briand, with the specific consent of this illustrious Frenchman. We did it because of his work for the Kellogg peace pact. The rose we have named for him is a wholesome, bristling Hybrid Perpetual—and luscious pink. "Aristide Briand" will be on sale here this Fall as long as the first limited supply of this new, truly perpetual type may last.

Perhaps we have told you, maybe not, that Colonel Lindbergh is one of the very few men in the world who has unqualifiedly refused to lend his name to any commercial commodity, even a rose. However, two nurserymen in Holland and France have just announced in their catalogs the "Colonel Lindbergh" and the "Lindbergh" roses. Should we be allowed to sell them here without the Colonel's consent?

Also, it is news that there has been a rose already named "President Herbert Hoover." The American Rose Society approved the name the day after election, Mr. Hoover's consent having previously been obtained.

☆☆☆

## Portland this year

Are you going to the Rose Festival in Portland, Oregon, this June? It's some months off, but it is time to be thinking about it. Where else in the country is there such glorious rose abundance as there is in Portland, in June? If you can manage it, it would be well worth your while to attend the rose festival there. Due to the indefatigable spirit of the late J. A. Currey and the excellent work of Frank E. Riggs and Rev. S. Spencer Sulliger, the international rose test gardens at Portland are now coming into their own. In June there will be celebrated the 40th anniversary by the Royal Rosarians and it is intended to make this celebration one of the greatest rose events in American history. Better go!



☆☆☆

## J. Pernet-Ducher

J. Pernet-Ducher, the creator of the Pernetiana roses, passed away November 23rd, 1928. In his demise, the rose world has sustained an irreparable loss, but he will always be remembered by the lovely varieties with which he has adorned our gardens.

☆☆☆

And now, in closing, we invite your attention to the next column—an unusual offer of two "Star" Roses for the price of one!



These  
2 "Stars"  
—less than 1/2!

—so you may judge their hardy roots, their sturdy stock

Here's your chance to own 2 full-size "Star" Roses at less than half catalog price. Look them over, then you'll know why we can and do guarantee "Star" Roses to bloom.

Let these two "samples" tell you why "Star" Roses are best for you. Grown in the open fields where they have to take what comes in weather, they are hardy! They will bloom!

You get full \$2.25 value—

### all for \$1 postpaid!

LADY ASHTOWN—Pink with golden underglow. Fine, high-pointed center. Hardy and blooms late into fall. Regularly \$1.00.  
SOUVENIR DE CLAUDIUS PERNET—Sunflower Yellow. Beautifully formed buds—long and pointed. Bagatelle Gold Medal, 1921. Regularly \$1.00.  
"SUCCESS WITH ROSES," 32 pages illustrated, makes rose-growing easy. Tells how to plant, how to care for, how to have roses. 25c.

The 1929 "Star Guide to Good Roses" tells about "Star" Roses—those that will grow and bloom profusely. Latest novelties fully described—many shown in color.

### Send \$1 today!

After seeing these "sample" roses there's still time, if you act at once, to order a "Star Dozen". If you plant them this spring, you will have blooms all summer. Only one "sample" order to a person. Don't delay. Send your \$1 today!

## Star Rose Growers The Conard-Pyle Company

Robert Pyle, Pres., West Grove, Pa.

### USE THIS COUPON TODAY!

The Conard-Pyle Company  
West Grove, Pa.—Box 24

I want to sample "Star" Roses. Here's my dollar. Please send postpaid: 1 Lady Ashtown; 1 Souv. de Claudius Pernet; 1 "Success with Roses"; 1 "Star Guide to Good Roses" for 1929.

Please send "Star Guide" Free.

Name \_\_\_\_\_

Street \_\_\_\_\_

P. O. \_\_\_\_\_

\*If either of these two roses is sold out when your order reaches us, you will receive another "Star" Rose of equal value and attractiveness.

## THE NATIONAL GARDEN ASSOCIATION

*To Promote the Annual Observance of National Garden Week*

**I**N ITS work to aid every garden club everywhere, the National Garden Association learned long ago that there was no better way to start a community gardening than through a flower show. Flower shows can be open, and often are, to all comers. They can include the man or woman or even the boy or girl who has only space in which to grow a few flowers. They will arouse community interest and a spirit of neighborliness of far-reaching value and the Association to aid such Exhibitions has published frequent lists of "points" to be followed in deciding on the winners. The Department of Agriculture at Washington has a free booklet that should be in the hands of every garden club contemplating having a flower or vegetable show, or a lawn contest, Department Circular No. 62.

Recently the American Association of Nurserymen made a survey of the flower shows held this past year, a survey that showed there had been nearly 1,000 of these Exhibitions held in 45 states in 1928. So interesting is this survey that we quote from its figures:

Just 943 flower shows have been held this past year all over the United States.

Of these 943, 746 were strictly general flower shows; 45 of the rest were staged in connection with horticultural exhibits at State fairs and similar events; while the remaining 142 were exhibitions of a particular flower—Dahlia, Peony, Iris and Gladiolus, etc.

The survey reveals further that only 66 planting contests of various kinds were conducted the past year; most of these were garden competitions.

The Middle West leads the nation in these floricultural activities, Illinois ranking all the other states. Elsewhere Pennsylvania and New Jersey had the greatest number of events, while none were held in New Hampshire, Vermont, Alabama and Nevada.

The number of flower shows held in each state was as follows: Arizona 1, Arkansas 5, California 28, Colorado 13, Connecticut 12, Delaware 2, Florida 1, Georgia 10, Idaho 4, Illinois 139, In-

*Coöperating Societies:*

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS  
SOCIETY OF LITTLE GARDENS  
ONTARIO HORTICULTURAL ASSOCIATION  
AMERICAN IRIS SOCIETY  
AMERICAN DAHLIA SOCIETY  
NATIONAL PLANT, FLOWER AND FRUIT GUILD  
WOMEN'S NATIONAL FARM AND GARDEN ASSOCIATION  
THE AGASSIZ ASSOCIATION  
NATIONAL HORTICULTURAL ASSOCIATION  
THE SCHOOL NATURE LEAGUE  
AMERICAN FORESTRY ASSOCIATION  
WILD FLOWER PRESERVATION SOCIETY

**PRESIDENT:**

*Leonard Barron, F. R. H. S.*

**HONORARY VICE-PRESIDENTS**

*Dr. J. Horace McFarland*

*Mrs. Francis King*

*Mrs. Thomas G. Winter*

*Mrs. Samuel Sloan*

*Mr. Frederick Newbold*

*Mr. Robert Pyle*

*Mrs. John D. Sherman*

South Dakota 5, Tennessee 16, Texas 17, Utah 3, Virginia 28, Washington 19, West Virginia 8, Wisconsin 50, Wyoming 1, District of Columbia 7.

The states in which planting contests were held and the number of such contests are as follows: Alabama 1, California 2, Colorado 2, Idaho 1, Illinois 15, Indiana 3, Iowa 2, Kansas 2, Louisiana 3, Maryland 3, Michigan 2, Mississippi 2, Missouri 3, Montana 1, Nebraska 1, Nevada 1, New Jersey 2, New York 2, North Carolina 1, Oklahoma 2, Pennsylvania 3, Oregon 1, South Dakota 1, Tennessee 3, Texas 4, Virginia 1, Washington 1, Wisconsin 1.

Of the flower shows made up of exhibits of one kind of flower, the Dahlia shows were far the most popular. Sixty-six of these were held in contrast to 40 Peony shows, 17 Gladiolus shows, 7 Iris shows, 10 Rose shows, 2 Zinnia shows, 2 Orchid shows, 1 Aster show and 1 Tulip show.

Interestingly enough these contests and exhibitions have not been held only by clubs. Banks, business houses, chambers of commerce, as well as civic-

mindful individuals and newspapers have started these flower shows to arouse home-beautifying interest and have given space in their offices for these displays. Nor is this confined to small towns and cities. Last September in New York City a printing establishment with two large stores held a Dahlia show in both stores showing over a thousand varieties.

At left is a picture of the exhibit held by the employees of the Standard Oil Company in New York City. In this as in every other exhibit, added strength was given to this wide-spreading ap-

preciation of the civic value of garden work and home beautifying landscaping.

This year National Garden Week will be celebrated from April 21-27th.

For helpful leaflets, garden club constitutions and programs, address The Secretary, National Garden Association, Garden City, N. Y.



*The exhibit held by the employees of the Standard Oil Company in New York City*

diana 52, Iowa 73, Kansas 23, Kentucky 6, Louisiana 4, Maryland 10, Maine 3, Massachusetts 10, Michigan 19, Minnesota 29, Mississippi 5, Missouri 22, Montana 11, Nebraska 9, New Jersey 60, New Mexico 1, New York 50, North Carolina 5, North Dakota 17, Ohio 48, Oklahoma 3, Pennsylvania 102, Oregon 15, Rhode Island 3, South Carolina 2,





Above, one of the many fields required to produce Dreer's Aster Seeds.

Insert shows individual flower of Dreer's Peerless Pink.

# The World's Best in Flower Seed

CONSTANT striving after new high Quality Standards in Flower Seeds has won for the House of Dreer the patronage of the most exacting estate gardeners. The jobs of these men depend on their delivering the flowers to their employers. Those that are most successful tell others whose seeds they sow. Our ever growing list of customers among estate gardeners best speaks for the quality of Dreer's Flower Seeds.

Maintaining quality, even though produced in quantity, has brought about a volume of business as interesting as it is diversified. If all the Asters grown from the seeds we sell annually were planted one foot apart, in a straight row, it would stretch about 22750 miles. Expressed in comparative terms, there would be enough Asters to form a wreath three feet wide around the City of Philadelphia, with as wide a streamer reaching all the way to San Francisco. We could cite many other interesting comparisons. But read the facts about The World's Finest Flower Seeds in

## The Dreer Garden Book

Recognized as one of the greatest exponents of progressive horticulture, it offers the choicest procurable in Seeds, Bulbs and Plants. Being producers of Quantity (Quality is understood) enables us to offer the finest strains at prices no higher than others ask for common grades. Shopping through the Dreer Garden Book stands for safe and sane economy minus the risk of paying too little for doubtful merchandise. Let the Dreer Garden Book be your guide to greater garden joys. Your copy is free for the asking, and please mention this publication.



FREE Please write for it Today

### Other Important Dreer Specialties

offered in the Garden Book include:

- Vegetable Seeds of the highest grades.
- Flower Seeds. A thousand kinds.
- Roses. 19 pages of the choicest.
- Gladiolus, Begonias, Cannas.
- Dahlias, Ferns, Palms.
- Hardy Perennials, covering every wanted sort.
- The latest and best strains of Delphiniums, Poppies, Phloxes, Iris, Columbines, Gaillardias, Hollyhocks, Peonies, etc.
- Hardy Shrubs, Hardy Climbers, Water Lilies

# HENRY A. DREER

1306 Spring Garden Street

Philadelphia, Pa.





## The Master Builder-- NATURE!

OF late much progress has been made in understanding such plant materials as nature employs. We have learned, for instance, that Rhododendrons and Azaleas thrive in the sun as well as shade, which Ferns and Wild-flowers do best in specific situations. Among the first wildlings to go into the ground are those charming first flowers of Spring that defy Jack Frost and frequently appear before all the snow is gone. Here are a few:—

### Trillium grandiflorum (Three-Leaved Night-Shade)

The tuber-like roots bear three thrifty leaves arranged in whorl fashion, topped by a chaste, white flower. I offer seven delightfully different kinds. Among these, *T. grandiflorum* is perhaps the prettiest.

10 for \$1.00; \$6.00 for 100

### Mertensia (Virginia Blue Bell)

The lovely native Virginia Cowslip, with drooping panicles of bluish white flowers. Prefers well-drained sunny slopes but does equally well in moist, shady situations.

\$1.50 for 10; \$12.00 for 100

### Cypripedium Spectabile (The Showy Lady's Slipper)

The native Orchids add their touch of beauty to a shady nook, in a fairly moist bed of peat or leaf mold. This is the finest and most showy of all our Orchids.

1 to 2 crown plants—10 for \$3.00  
3 to 4 crown plants—10 for \$6.50

### Hepaticas

Equally suitable for massing in sun or shade, they provide a colorful picture wherever grown.

*Hepatica acutiloba*. Large clumps are available of this variety, which can be depended upon to produce a lively display of white, pink or purple flowers.

*H. triloba*. Among the earliest woodland gems, bearing pink and dark purple flowers.

Prices: Either variety, 10 for \$1.50; 100 for \$12.00

### Lilium

Among our wild plants, none endure longer and bring greater pleasure than do the hardy Lilies. They naturalize readily in most any situation.

*Superbum*. Superb Orange Lily. 10 for \$2.00

*Canadense*. Yellow or yellowish red flowers. These like moist, rich soil. Flowering size 10 for \$1.50

All prices postpaid on quantities quoted

### Instructive Catalog Free

Valued by those interested in naturalistic gardening as a dependable source of information on a fascinating subject. We have tried to make it much more than a catalog offering just plants. Tells about the haunts and habits of hundreds of Wild-flowers, Ferns and other denizens of the woods. Free, of course, and mention *The American Home*.

## GILLETT'S

Fern and Flower Farm

3 Main Street  
Southwick, Mass.



*Iris rhizomes may be pulled to pieces by hand, just where they show a natural tendency to break*

## Making more of your favorites

Continued from page 406

and the other perennials mentioned above, except that in most cases the root cuttings are made in the spring just as growth begins to start. The pieces of root are sown, as if they were seeds, over the surface of a box filled with a loose, sandy soil and covered with sand or peat moss.

### CUTTINGS FOR EASY INCREASE

The home gardener who has an abundance of house plants is very adept in getting slips of Geraniums and Begonias to grow, but seldom tries to root the cuttings of perennials although there are many sorts which will propagate readily by this method in the Spring. For example, Rock-

cross, Heuchera and Perennial Candy-tuft become leggy with age. To keep them compact and neat in habit it is necessary that some shoots be cut off. If these are inserted in a cold-frame of loose soil they readily produce an abundance of roots and soon become good plants rivaling the plants from which they were taken. Many perennials which are propagated by other methods may also be grown from cuttings, notably Pinks, Helen-flower, Hollyhock, Lobelia, Clematis, Chrysanthemum, Delphinium, and Phlox. There is a best way to multiply and increase each plant, of course. These are given in the Multiplication and Division Table below.

COMMON NAME	DATE	METHOD OF PROPAGATION	REMARKS
Milfoil, Yarrow	Spring or Fall	Division	Require frequent division, may be grown from seed.
Monkshood	Spring	Division	Seeds soon lose vitality.
Adonia	August	Division	Seeds difficult to germinate.
Bugle	Spr. or Fall	Division	Rapid multiplication for growing under shade of trees.
Goldentuft	Summer	Seed	Transplant when young.
Italian Buglos	Aug. Summer	Cuttings Root cuttings	Take any piece of large root and it will produce a new plant. Seeds self-sow.
Japanese Anemone	Spring	Root cuttings	Bury pieces of roots 2 ins. long in a sandy soil.
Columbine	Spr. to Aug.	Seeds	Seeds germinate irregularly.
Rockcross	Sept. Aug.	Division Seed	Transplant when young.
Hawthorn Mugwort	June	Cuttings	Take just after blooming.
Butterflyweed	Late Spring Early Spring	Cuttings Division	Root in sand box.
Michaelmas-daisy	Aug.	Seed	Easy.
Wild-indigo	Spr.	Division	Sow in pots, thinning when they crowd.
English Daisy	Spr.	Seed	Divide each year into small pieces.
Plumepoppy	Summer	Suckers	Sow when ripe. May not germinate until spring.
Starwort	Spr.	Division	Winter in protected frames.
Poppymallow	Summer	Seed	Easy.
Canterbury-bells	June-Aug.	Seed	Well drained soil for first winter.
Bluebeard	Summer	Cuttings	Protect in a well drained coldframe.
Cornflower	Spring	Division	Tender to cold when young.
Snow-in-summer	Spr. or Summer	Cuttings	Spreads rapidly.
Hardy Chrysanthemums	Spr.	Division	Each piece makes a plant.
Shasta Daisy	Aug.	Seed	Propagate each spring, moving to a new location.
Virginsbower	Spr. Spring	Division Division	Need good drainage.
Tickseed	Early Spr., Summer	Seed	Old plants naturally break apart.
Perennial Larkspur	Late Summer	Seed	Sown early will bloom same year.
Sweet William	Summer	Seed	Fresh seed necessary. Sow as soon as ripe.
Grass Pink	Spr. or Sum. Summer	Seed Cuttings	Propagate favorite varieties and colors.
Fringed Bleedingheart	June	Seed	Make cuttings from small shoots which appear beneath the flower trusses.
Bleedingheart	July	Cuttings	Before growth starts, divide plants.
	Apr.	Division	Use pieces 2 ins. long, place in sandy soil in protected place.
	Fall	Root cuttings	Old seed needs scalding.
Gasplant	July	Seed	Winter in coldframe.
Foxglove	Aug.-Sept.	Seed	

(Continued on page 476)



# HENDERSON'S SPECIAL OFFER

## 1929 Seed Catalogue and 25-Cent Rebate Slip —Only 10c



Giant Waved  
Spencer Sweet  
Peas



Henderson's  
Invincible  
Asters



Brilliant Mixture  
Poppies

**M**AIL the coupon with only 10 cents, and we will mail you "Everything for the Garden," Henderson's new seed catalogue, together with the new Henderson 25-cent rebate slip, which will also entitle you, without charge, to the Henderson specialty offer of 6 packets of our tested seeds with your order.

These 6 packets are all seeds of our own introductions, and are among our most famous specialties—Ponderosa Tomato, Big Boston Lettuce, Early Scarlet Turnip Radish;—Invincible Asters, Brilliant Mixture Poppies and Giant Waved Spencer Sweet Peas. These, like all Henderson's Seeds, are tested seeds.

For 82 years, HENDERSON'S TESTED SEEDS have been the standard. Year after year, our constantly improving methods have enabled us to maintain our supremacy among American seed houses. The initial cost of your seeds is the smallest item in your garden's expense, and it is of advantage to plant seeds of recognized quality from a house of reputation and standing.

### Everything for the Garden

This is a book of 210 pages, with 16 beautiful color plates, 194 pages of rotogravure in various colors, and over a thousand illustrations direct from actual photographs of the results from Henderson's seeds.

vegetables throughout the Summer, and collections of flower seeds especially arranged for harmony of color and continuity of bloom.

It offers many special collections of vegetable seeds arranged so as to give a continuous supply of fresh

It is a complete garden book, and should be in the hands of every lover of the garden beautiful or bountiful—Clip the coupon now!

### Every Rebate Slip Counts as Cash

With every catalogue will be sent our Henderson Rebate Slip which, returned to us, will be accepted as 25 cents cash payment on any order of two dollars or over.

In addition we will include with your order, without charge, the Henderson specialty collection of three packets of Vegetable and three packets of Flower seeds as described above.

**PETER HENDERSON & CO.**  
35-37 Cortlandt Street  
New York City



Early Scarlet  
Turnip Radish



Big Boston  
Lettuce



Ponderosa Tomato



**PETER HENDERSON & CO.**  
35-37 Cortlandt Street, New York City

Enclosed is 10c for Henderson's 1929 advertising offer of Catalogue and 25c Rebate Slip.

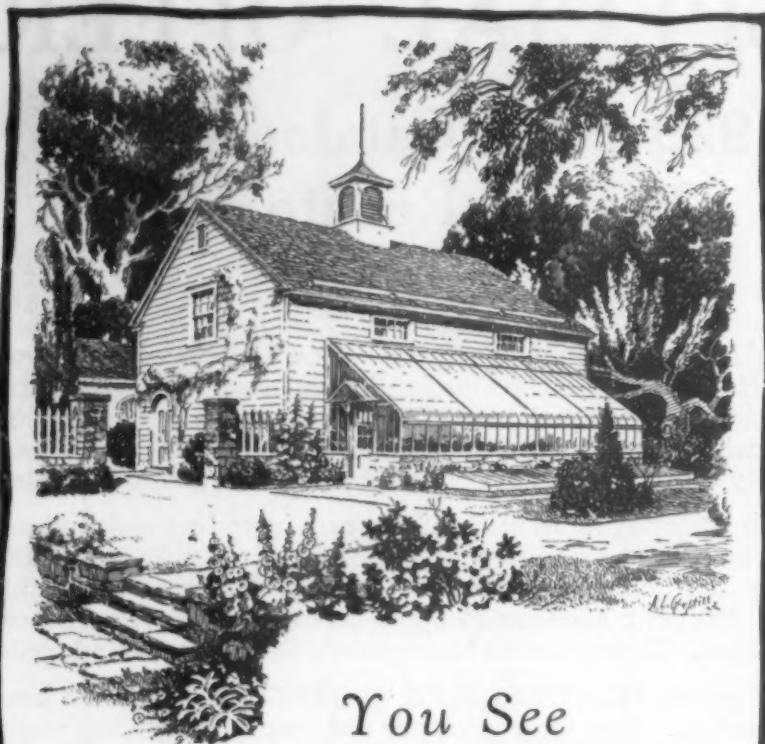
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City .....

A. H. 2





## You See It Was Like This

"HE admitted we wanted a glass garden all our own. But every place I suggested for it, that husband of mine declared it would 'have a toted-in-look.' (He's Southern born, that's why the tote.)

"That for and against actually went on for three depriving years. Then one Sunday A. M. (after his paper and cigar) I inveigled him to the southern side of the converted stable-garage (designed and built 125 years ago by my great grandad Jonas Seely, Esq.)

"Let's pass hastily over the ensuing exchange of views. Be it enough that herewith please find said greenhouse.

"The builders call it a Leanto. Maybe it is. But to us it's a slice of the Garden of Eden, sans the snake and sans the apple orchard."

The above is part of a letter written to a friend of theirs, who is a friend of ours. It was taking liberties. But how otherwise could you know of so delightful a happy ending? There's a book called "Greenhouses as we Know Them," which we will gladly send you.

FOR FOUR GENERATIONS BUILDERS OF GREENHOUSES

### LORD & BURNHAM CO.

Builders of Greenhouses and Conservatories

Eastern Factory Irvington, N. Y.	Western Factory Des Plaines, Ill.	Canadian Factory St. Catharines, Ont.
Irvington, N. Y.	New York	Philadelphia
Boston	Cleveland	Denver
St. Louis	Greensboro, N. C.	Buffalo
St. Catharines		Toronto

## Making more of your favorites

Continued from page 474

COMMON NAME	DATE	METHOD OF PROPAGATION	REMARKS
Purple Coneflower	Spring	Division	Colors often not as pure from seed.
Globethistle	August	Seed	Easy.
Sea-holly	April	Root cuttings	Place in flats of sandy soil.
Mistflower	August	Seed	Sow as soon as ripe.
Blanketflower	Spring	Division	Spread rapidly.
	August	Seed	Raise young plants each yr.
Avens	Summer	Division	Rather tender for first winter.
Babysbreath	Spring	Seed or Division	Doubles grafted by nurserymen.
Helen-floyer	Spring	Cuttings	Root easily.
Sunflower	Spring	Division	
	Spr. or Fall	Division	Spread rapidly. Some sorts weedy.
Orange Sunflower	Spr. or Fall	Division	Easy.
Daylily	Spr. or Fall	Division	Easy.
Coralbells	Spring	Division	Divisions are often no more than cuttings which should be placed in coldframe.
			Difficult to germinate.
			Sown early they will bloom the same year.
Rosemallow	Spring	Seed	Self sown seeds germinate in Fall.
	Spring	Division	Easy.
Althea rosea	August	Seed	Place in sand box.
Plantainily	Spring	Division	Do not transplant the first year.
Candytuft	September	Cuttings	Propagate every three years.
	Spr. to Aug.	Seed	Cut between the eyes of the tuberous roots.
Iris	June to Sept.	Division	Do not transplant often.
Gayfeather	Spring	Division	Keep moist until freely growing; winter in coldframes.
Flax	May to Aug.	Seed	Easy to grow if adapted to your soil.
Lobelia	September	Seed	Easy to grow.
Lupin	August	Seed	
Campion	Spr. or Fall	Division	
	Spring	Seed	Especially desirable in L. clethroides.
Loosestrife	Spring	Division	Easy.
Purple Loosestrife	Spring	Division	Divide when foliage turns yellow.
Virginia Bluebells	Spring	Cuttings	Not successfully done in fall in colder regions.
Beebalm	Spring	Division	
Forget-me-not	Summer	Seed	Natural and easy.
	Spr. or Fall	Division	Pot in tiny pots of sandy soil to transplant any time.
Evening-primrose	Spring	Offsets	
Oriental Poppy	August	Root cuttings	
Peony	September	Division	In dividing, let each piece have a number of eyes. Divide only when the clumps are large and becoming unsuccessful.
Hardy Phlox	Spr. or Fall	Division	Nurserymen use root cuttings.
Moss Phlox	Summer	Cuttings	Place in coldframes.
False Dragonhead	Spr. or Fall	Division	Propagate variety Vivid.
Balloonflower	May	Seed	Protect for first year.
Leadplant	Spring	Root cuttings	Do not transplant in fall.
Cinquefoil	Spr. to Fall	Natural suckers.	
Primrose	Spr. white cool	Seed	Do not cover deeply.
	Spr. or Fall	Division	Do not divide in too small pieces.
Pink Daisy	Spring	Seeds	Spread rapidly.
Double Buttercup	Spr. to Fall	Suckers	Some sorts spread rapidly.
Coneflower	Spr. or Fall	Division	Sow in coldframe such sorts as patens and farinacea.
Sage	Early Spring	Seed	Order House Hybrids.
Scabious	Spring	Seed	Successful when merely inserted in permanent place.
Stoncrop	Spr. to Fall	Cuttings	Blooms same year as sown.
Stokes-aster	Spring	Seed	
Meadowrue	Spring	Seed	Soak in hot water. Old seed poor.
Globeflower	August	Seed	Easy.
Speedwell	Spr. or Fall	Division	Easy.
Viola, Tufted	August	Seed	Roots readily when inserted in frames.
	Aug. & Sept.	Cuttings	
Pansy	August	Seed	

## Shrubbery planting for the Colonial

Continued from page 387

or manipulation of outline should be practiced. Our main plant composition is now completed. It is basically a grouping of masses into a picture balanced on both sides of the center of interest. It is static, restful and is one with the architecture, pictorially. There is no constricting band of planting around the porch hiding the beauty of proportion which the architect has so successfully exemplified in the house.

In considering the planting for the wing, a Flowering Dogwood would balance the foliage mass at the right of the porch and at the same time help subordinate the planting of the wing.

The overhang of the roof makes it necessary from a cultural standpoint to keep the planting outside of the dotted line shown on the plan.

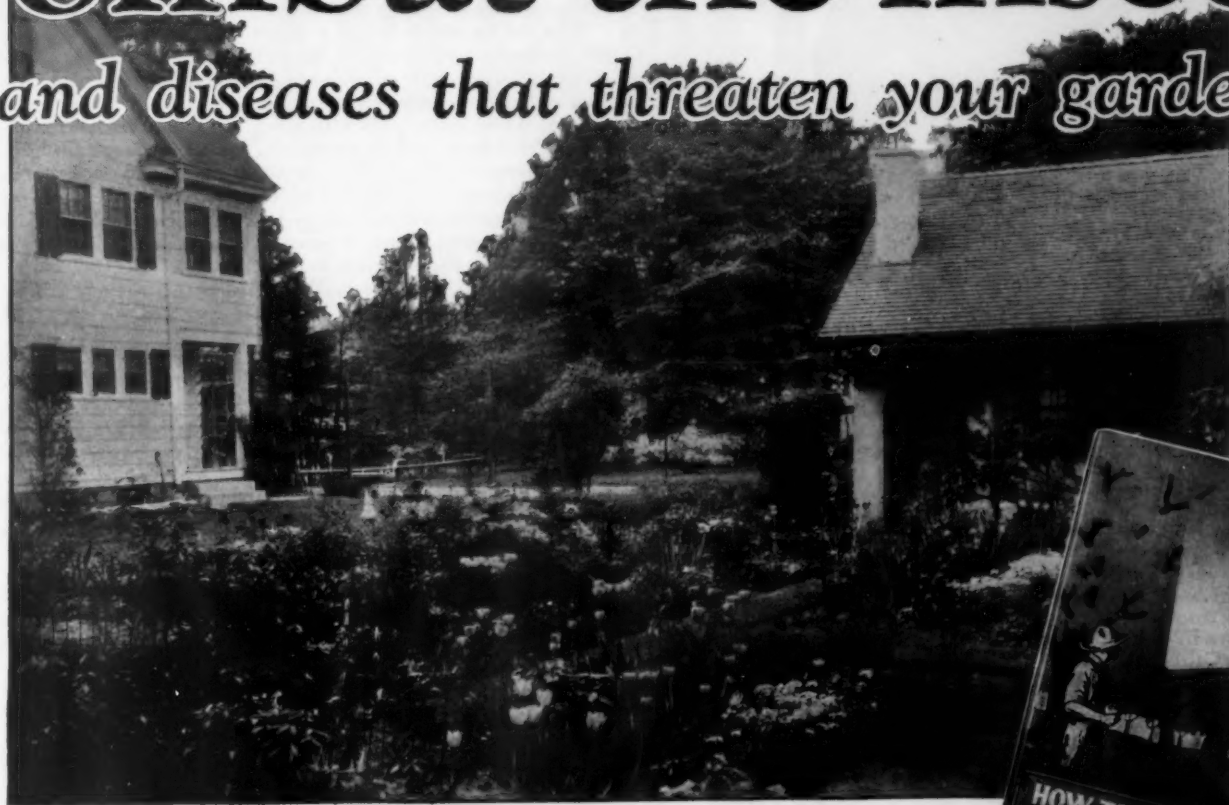
At the corner of the maid's room Lilacs (which are always associated with a home) are used to form a mass at that corner, but one less dense and less definite than that used at the porch. White Fringe in the background at the corner of the garage, Mockoranges, Deutzias and lawn in the foreground complete the composition as seen from the point at which the photograph was taken.

The cost of such a planting would be approximately forty dollars.



# Combat the insects

## and diseases that threaten your garden



### This FREE Book tells you how

Here's a wonderful book for all home gardeners: It tells how to recognize insects and diseases attacking your plants . . . teaches you how to stamp out these pests . . . makes it easy to grow better vegetables, flowers, shrubs, fruit and shade trees.

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Over thirty pages. Instructions are clearly illustrated. Enlarged photographs make it easy to recognize the common varieties of pests and fungous diseases in your garden. The famous Sherwin-Williams Spraying Guide, which comes with the book, tells the correct treatment for each, how and when to apply it.

With the Sherwin-Williams "Home" Sprays—S-W Pestroy, S-W Arsenate of Lead, S-W Dry Lime Sulfur and S-W Spra-Mulsion—you can banish prac-

tically all pests and diseases threatening your garden . . . and promote a stronger, more vigorous growth of foliage.

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State horticulturists, too, endorse these modern, convenient sprays. Now they are put up in small packages for home use.

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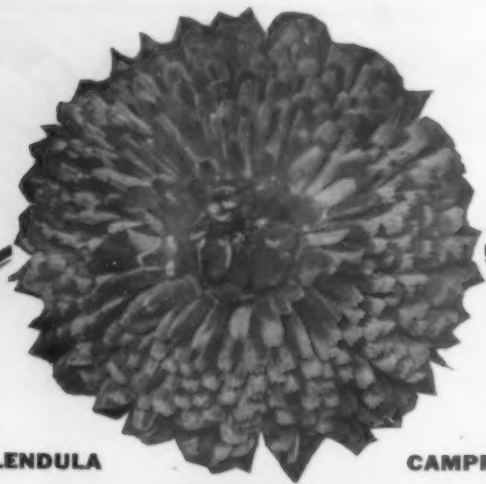
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# SHERWIN-WILLIAMS SPRAY MATERIALS



CALENDULA

CAMPFIRE

[ SENSATION ]

## MICHELL'S Novelties and Specialties in Flower Seeds

**Calendula, Campfire**—(Sensation) Splendid new type; color, brilliant orange with scarlet sheen and full yellow center; long stems . . . Pkt. **\$ .25**

**Double Dahlia**—California Giants. A selection from named varieties, grown by a celebrated producer in California. Will produce a wide range of colors and shades. Pkt. (containing 100 seeds) . . . **\$ .75**

**New Larkspur**—Exquisite Rose. Beautiful shade of rose pink; a new improved Delphinium form and comes quite true from seed . . . Pkt. **\$ .25**

**Viola**—Jersey Gem. A new variety of dwarf habit and continuity of blooming; of the true Viola Cornuta, but is of more

vigorous, bushy growth. Color, pure rich violet . . . Pkt. **\$ .50**

**New Petunia**—Dwarf California Giants. A splendid new dwarf strain of the well-known California Giants; fine for pot culture or bedding; flowers large and beautifully colored with open throats, well marked and veined . . . Pkt. **\$ .40**

**Verbena**—Grandiflora, Royale. Enormous size, individual florets measuring over 1 1/4 inches in diameter; color, rich, deep royal blue with large, creamy yellow eye. Pkt. . . . **\$ .25**

**Special one Pkt.** of each of the above, value **\$2.40**, mailed postage prepaid for **\$2.00** if ordered from this adv.

### Zinnia New Giant Dahlia Flowered

Strong vigorous habit of growth, 2 1/2 to 3 ft. high; mammoth flowers 4 to 6 inches across and 2 1/2 to 3 inches deep and closely resemble decorative dahlias.

**Collection** of 10 Pkt's, one each of ten separate varieties and colors, value \$2.00, for **\$1.50**



## THREE *New and Finer* DAHLIAS

Mrs. Clarence H. Geist—decorative, creamy white to lavender pink  
Robert Leeds—decorative, massive, rich royal purple  
F. J. Michell, Sr.—American cactus, beautiful amber

**\$5.00** Each . . . All three **\$12.50**

Our 1929 Catalogue, listing these and hundreds of other fine garden and farm seeds, bulbs, and plants, is free on request

## MICHELL'S SEEDS

520 MARKET ST., PHILADELPHIA, PA.

## Keeping a Secret

Continued from page 408

It is exactly as pretty and easy to understand as an empty soap box.

Why do we stand before a water color painting by Vignol and dream? What is there so lovely about it? Just a flat, sun-flecked foreground, a scrap of two stone walls with some trees behind them, and, in the middle, an old stone staircase. That is all. But the staircase leads directly to the top of the picture and disappears beyond. We wonder where it goes; of what it may be the entrance. Is there some old ruined castle beyond? Yes. Castles in Spain, dungeons, towers, some sweet old orchards and meadows and deer parks. Because Vignol has not told us all he might have told, we have the dreams of the ages with us as we gaze untiringly at his painting. It always offers something new.

This is the key to the highest type of landscaping. Intrigue the imagination, incite the dreams of the lover of gardens and he will love the things that might be beyond your gate, or rockery, or cluster of shrubs, even more than the things that are actually there. You, yourself, although you know that there is nothing but a plain plank seat under an apple tree, can picture the throne of Robin Hood under the Great Oak, if you only will reserve part of the story from your direct vision.

Successful plans are usually laid out with certain features, main points of interest, as centers. These may be a bird bath, a sundial, an arbor, a pergola, a clump of shrubs, a rockery, an old orchard, a lily pool, an old well. One of these is to be the main focus of interest. If we are so fortunate as to possess or create many of them, we shall choose the most important as the principal starting and ending point of the entire scheme.

Landscaping, whether it is the tiny backyard garden, or the three-acre lot, calls for composition of masses. Composition is balance. But balance does not necessarily mean that about our central point we must arrange our flower beds, shrubs and paths in squares, circles, or radiating star-shape lines. A large Apple tree near our main point of interest may be balanced by a tiny group of Silver Birches at a considerable distance on the other side. With the old steelyard, a great weight may be supported on the shorter arm, perfectly balanced by a very light weight on the longer arm.

We may group or compose our masses about several foci of interest, just as we may furnish a room by the pleasing group method rather than by the commonplace "family circle" method. On a large lot this group method is important. It is equally effective on the small lot if the groups are kept to a small scale.

When one draws a circle with a compass on paper, there is a pin prick in the center where one leg of the compass stood. Through this pin prick or focus of interest, we could draw straight lines from one edge of the circle to the other side and have a perfect composition, but a very uninteresting one.

Enlarge the circle idea to the size of the home lot or of one group within it, a bird bath let us say, occupying

the center. If we place our walks and plantings to radiate upon that center, we are doing the same uninteresting thing we did when we drew the circle and lines on paper. As we stand off and walk about such handiwork, it stares at us, stares us out of countenance. There's the bird bath. We walk along and look again. There's the bird bath. We try to get away from it. We circumnavigate the entire lot and, at regular intervals, there it is again—the bird bath. Finally it becomes an eyesore. We hate the bird bath!

If, instead of drawing straight radial lines to the focus of interest, we draw curved lines, we may still have balance and good composition, but we will have accomplished something even more important. We will have made the bird bath a secret, at least from some points of view. Because the eye sees only in a straight line it is like the gun which cannot shoot around a curve. Here we are intriguing interest, creating suspense, by holding something in reserve. One sees an entrance to a path. One believes the path must lead to something interesting. The passerby longs to explore. What a lovely garden it seems to him! Mainly because there is something in it which he cannot see at a glance, his imagination invests that something with great values. When, after turning the curve the bird bath, the lily pool, the arbor, bursts upon his vision, how like the joy of opening a mysterious Christmas package!

To create or suggest the secret, one need not utterly blank the treasured focus from view. Sometimes it is well to just lightly veil it. It peeps through a partition of foliage or over the top, beckoning, suggesting, inviting further exploration.

Many are the delightful blockades which may veil our secret, or at least make it retreat from view just enough to entice. Fences and gates of many patterns; stone walls of local stone, laid "dry" and carelessly; clumps of shrubs that will not grow bigger than the mass desired; thick borders of Fleur-de-lis; a few choice evergreens; Privet hedges; Virginia-creeper on a tree trunk or wall; stone stairways that surely lead to some path on higher levels; sapling fences with the bark left on; rush or reed fences; curved pathways; these are the working materials with which our stage is set.

The photographs on page 408 suggest some of the varied uses of these means of creating the fairy landscape in the home lot. Why fear or hesitate to use them? The home handy man will find picket or rush fences and stone lined paths or staircases simple and delightful to make. "As easy as placing one stone on another" is an old phrase that proves it. The cost is negligible if the work is done at home.

Early spring, before the frost is out of the ground, is the best season to lay our plans.

Originality is to be desired. To attempt to slavishly copy some other landscape project is to fail in our design. For each home and each plot is an individual subject, with a treatment best befitting itself.



# 6 transplanted, EVERGREENS

# \$ 15

[As Pictured]



## Take advantage of our 63rd Anniversary offer to beautify your home at small cost

EVERY house that is a home is set in some surroundings of trees and flowers. The small cottage can be made as attractive as the larger estate if care and selection is used to insure the proper plantings that will enhance the picture in years to come.

In creating this landscape picture it is necessary to look ahead because the materials used, trees, shrubs, evergreens, etc., require time to grow and develop, and take their proper place in the picture.

### Evergreens beautify the year 'round

Evergreens lend beauty to your home every month in the year. In summer they form a verdant background for the gorgeous color of flowering shrubs, perennials, etc. In winter they furnish the only touch of color against the snow.

Our years of experience as nurserymen and landscape architects have enabled us to determine the best varieties of evergreens for lawn and foundation plantings and we have chosen this splendid evergreen collection as most suitable.

### What our 63rd Anniversary Offer Includes

- 1 American Arbor Vitae--2-3 ft.**  
Young trees of this variety make excellent specimens for planting tubs, vases, or jardinières for winter decoration of porches, etc. Has short horizontal branches which turn up near the end giving a compact pyramidal form, leaves bright green above, yellowish green beneath, assuming tones of brown or bronze in winter.
- 1 Norway Spruce--2-3 ft.**  
A tall picturesque tree that is very popular as an ornamental and for shelters and windbreaks. It is hardy, of rapid growth and adaptable to a great variety of locations. Foliage, a rich shining dark green, cones 4 to 7 inches long, light brown. Stands pruning well.
- 1 Irish Juniper--2-3 ft.**  
A slender columnar form that is much in favor as an ornamental. Branches are upright, closely appressed, and densely covered with the deep green foliage.
- 1 Red Pine--2-3 ft.**  
Pines are strong rapid growers and will thrive better on poor soils than on extremely rich ones, although a well drained deep loamy sand is best for full development.
- 1 Austrian Pine--2-3 ft.**  
Attains a height of 60 to 150 ft., a robust grower with leaves in pairs, about 4 inches long, rigid, very dark green, cones 2

to 3 inches long, yellowish brown. Wonderfully adaptable to local conditions and does especially well at the seashore.

- 1 Globe Arbor Vitae--18 inches high**  
This specimen is symmetrically globular in form and of low dense growth; foliage a beautiful light green. Greatly in demand for creating formal effects. Very effective in lawn and foundation plantings.

### Plant Evergreens this Spring

The most favorable planting season for evergreens is the latter part of April or May. "Glenwood" Evergreens come carefully packed with a ball of earth protecting the roots and wrapped in burlap. The anniversary collection comes to you as shown in the photograph, securely packed in strong wooden case ready to plant. All you need is a spade and some spare time.

### Send us your order today

This is your opportunity to obtain fine evergreen plantings at small cost. They won't last long at this price. Our special offer will acquaint you with the exceptional quality of "Glenwood grown" nursery stock. Evergreen growing, however, is but a small part of our business. We are growers of a complete line of fruit, nut, and ornamental trees, flowering shrubs, roses, perennials, berry plants, etc.

In addition, our skilled landscape service department can handle any planting problem however big or little. Write for our handsome catalog in color describing fully the products and illustrating a few of these products actually growing at Glenwood Nursery, 150 acres, 63 years of service.

### USE THIS COUPON

Glen Bros., 1762-72 Main St., Rochester, N. Y.

Send your 63rd Anniversary collection to the following address

Name.....

Street.....

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I enclose..... Money Order..... Check..... Send C.O.D.

.....Send me your New 1929 Catalog A. H.

## GLEN BROS., Inc.

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Glenwood Nursery • 1762-1772 Main St., Rochester, N. Y.



## JANE COWL

### The Ideal Dahlia

Originated by Downs

No other Dahlia—possibly excepting Jersey's Beauty—ever won so many prizes in a season as this monster Decorative did in 1928. In practically every 1928 Dahlia Show it was an outstanding flower—at New York, Philadelphia, Boston, Trenton, Red Bank, Baltimore, Newark, and in many other shows. It received scores of prizes during the season, and many times won Sweepstakes as Best Dahlia in the show. It led the 1928 introductions by a wide margin. And best of all it proved a healthy, luxuriant growing Dahlia under all conditions. It is the ideal Dahlia for garden and show room. The rich, warm buff and old gold, blending to a salmon center, with tints of salmon, bronze and burnished gold throughout the flower, make this giant Dahlia not only a beautiful flower, but a sure winner in the showroom. Jane Cowl is the Dahlia without a fault. Ask those who grew it in 1928. If you want to win the sweepstakes prizes we recommend Jane Cowl against any Dahlia offered today.

Tubers \$10.00

Plants \$5.00

## MY MARYLAND

Originated by Downs

This large, deep Hybrid Cactus is one of the real art Dahlias. It did not make the same wonderful record during the past season that Jane Cowl did, but those who saw the large block of My Maryland growing at our farms, pronounced it one of the finest and most even plantings of any Dahlia ever seen. Healthy bushes with thousands of magnificent, perfect flowers. Remember My Maryland won the Garden & Home Builder Achievement Medal at Atlantic City in 1927, where it defeated Jane Cowl as Best Undisseminated Seedling. Also awarded Certificate of Merit at Storrs by the American Dahlia Society in 1927, and won in New York as the Best Undisseminated Hybrid Cactus Seedling the same year.

Tubers \$10.00

Plants \$5.00

### Send for Our 1929 List

It describes and lists many of the world's best Dahlias, including many of the outstanding novelties for 1929. We should be glad to send you a copy on request. We grow our Dahlias in one of the most favorable locations in America for the production of clean, healthy, even growth. Ask those who have seen our farms.

## DOWNS DAHLIA FARMS

Box X

Clayton, New Jersey

## Better Delphiniums

Continued from page 407

while the modern garden hybrids are comparatively new—representing the work in recent years of such specialists as Watkins Samuel, Blackmore and Langdon, Kelway, and Waterer, in England, and Vanderbilt, Pudor, Duckham, Barclay, and Barber in this country—the Delphinium itself is an old flower.

While none of the sorts offered a few years ago can compare in size of flower stalks nor in individual blooms to the giants of to-day, nevertheless some of them are better adapted to cut flower purposes, for home decoration. It is desirable, too, to have some plants of medium height to use in the border in association with the extremely tall ones, and to make the season of Delphinium bloom as continuous as possible. If only the new giant hybrids are planted, there is likely to be a gap between their first and second flowering. Include, therefore, along with your order for the new hybrids such as the truly marvelous Hollyhock-flowered or Wrexham strain or Vanderbilt Hybrids the old free flowering Belladonna, with its charming turquoise blue flowers, and Bellamosa, a much darker blue. Chinese, and its white form, album, are valuable because of their lower growth, delicately cut light green foliage, and gracefulness for use in small vases or bouquets. There is a dwarf growing variety of this latter type, Tom Thumb, which attains a height of but eight or ten inches.

Delphinium seed is rather slow in germinating but is not difficult to grow. Use ordinary seed flats or seed pans, and a light soil containing sufficient humus or peatmoss to make frequent watering unnecessary, and a little sand to insure good drainage. Water thoroughly with Semesan or some similar soil disinfectant before planting. Sow thinly, and cover the seed with sand about one fourth inch deep. Use loose fitting panes of glass over the flats or seed pans to keep the surface moist without frequent watering until the seedlings are up, and keep shaded until they germinate. When the first true leaves develop they will be ready for transplanting. They may be shifted either directly to the soil in a hotbed or coldframe, or to other flats. If the latter, it is well to have them somewhat deeper than ordinary, say five inches, as the Delphiniums are much more vigorous growing than most perennials. Employ a fairly heavy soil with stable manure, if it is available, mixed through it an inch below the surface. If it is not obtainable, employ a strong animal fertilizer such as blood and bone, or tankage and ground bone mixed together. Delphiniums are hungry feeders at all stages.

In May or early June—according to the time they have been started—the transplanted plants will be ready for the open ground. Be sure to harden them off for several days, leaving the frames open day and night before making this shift. I plant them in a nursery bed about four feet wide, in rows 12 inches apart, allowing six to eight inches between the plants. This gives them space to develop into strong husky plants. If a separate

bed in which to grow the plants for the first season is not available, they may be spaced about ten inches apart each way in sections of the hardy border, with the idea of rearranging them later.

In September or early October, the one-season-old plants may be shifted to their permanent positions, two to three feet apart. While it is often advised that this work be done in the autumn, I believe it is better to wait until spring, especially where the soil is heavy or inclined to stay wet during the winter months. Delphiniums do best in a fairly heavy soil, but it must be well drained, and prepared, 18 inches deep at least. If you have only a light soil, you may still have Delphiniums, but only by working in some humus material to retain an abundance of soil moisture, and such plant food as may be added—shredded cow manure, blood and bone, and extra coarse or "inch" bone, will provide a good balanced ration for them. Delphiniums also prefer a fairly "sweet" or lime satisfied soil: "if in doubt, use lime," is a good rule to follow.

While Delphiniums require some sunshine, they will do as well or better in a position where they do not get the sun during mid-day. The more sheltered they can be from strong winds the better; but they should not be too closely surrounded by other growth, as a free circulation of air about the plants is the most effective preventive of mildew and blight. Mildew may be controlled, by spraying with a copper solution, or one of the several other good fungicides, such as Fungtrogen. The delphinium blight is entirely different, and more serious. This, with the root-rot, which frequently accompanies it, are the most serious troubles in Delphinium culture. The blight is due to a mite and is controlled by nicotine sprays, starting early in the season. In the root-rot use the organic mercury solutions.

After the second or third year the crowns usually send up more stalk than can be developed to perfection. It is a good plan, therefore, to cut all but three to six, according to the size of the plant, and whether one wants the biggest spikes possible, or a greater number of medium size. To develop maximum bloom, feed the plants when the flower spikes begin to push above the foliage. Make a circular trench, three inches or so deep, and about two feet in diameter; water thoroughly, and then apply either liquid manure, or fertilizer, and cover with loose soil. This should be discontinued, however, by the first of September.

Do not follow the advice so frequently given of cutting the stalks back to the ground after flowering, as this decidedly weakens the plants. Remove the flower spikes promptly, leaving most of the foliage, and the side growths will develop a new set of flower spikes. As freezing weather approaches, the old tops should be cut off and burned, and the plants mulched for the winter. Manure is often recommended for this purpose, but cinders or leaves, or a mixture of both, are as effective and safer.







# Garden Reminders



In gardening a date can only be approximated. Generally the latitude of forty degrees at sea level and a normal season is taken as standard. Roughly, the season advances or recedes fifteen miles a day, thus Albany would be about ten days later than New York (which is latitude 42).

The latitude of Philadelphia is a week earlier. Also allow four days for each degree of latitude, for each five degrees of longitude, and for each 400 feet of altitude. Latitude 40 approximates a line through Philadelphia, Pa.; Columbus, Ohio; Richmond, Ind.; Quincy, Ill., Denver, Colo.

**S**PRING is just around the corner! The days are beginning to lengthen and the flood of seed and nursery catalogs is at its height. The enthusiastic gardener is planning for a bigger and better garden than last year. Make definite plans now and go at the job systematically, getting off orders for all the seeds you need. Better have too many and give some to your friends than have bare spots in your borders. From your copies of the seed orders make the marking labels and the stakes now, so that all will be ready for the busy time ahead. Place orders for dormant Rose bushes for March delivery.

## *Inspect the Borders*

Keep an eye upon the borders. See that the winter winds have not blown the covering off. This is the worst season of the year for heaving by the frost and drying out from the winds. The bulb bed is likely to suffer at this season.

See that the soil around evergreens does not lack water. Much winter killing is due to "freezing dry." Soak them well with water on mild days. No harm will be done by water freezing around them. If you have evergreens in your window boxes keep them well watered, too.

## *Hotbeds and Coldframes*

You will find a hot-bed and a cold-frame among the most convenient equipment in your garden. Many hundred seedlings may be started in an ordinary three by six hotbed. The coldframe is useful all through the season for growing seedlings, cuttings and other material. A hotbed must have a foot or two of fresh horse manure below it to provide the heat and on cold nights covering put over the sash to keep the heat in.

## *Forcing Shrubs Indoors*

Branches of Pussy Willow, Golden-bell, Spirea, Lilac and such like may be brought into the house for early spring bloom. Place them in deep vases and keep the water fresh. Split the stems up about six inches and lacerate the bark slightly that they may absorb the water freely. A humid, moist atmosphere and a light, warm place will cause them to re-

ward you with early blossoms. The Japanese Cherries, and Crabs, and Flowering Almond and Quinces also respond to this treatment.

Clumps of Astilbe will force nicely in the house at this season. Pot them up, being sure of good drainage. Water thoroughly and place in a cool part of the cellar till they have made two or three inches of top growth when they may be brought to the light and heat of the window garden. Clumps of Dwarf Iris and Violets will soon be covered with bloom if potted up, well watered and placed in a warm sunny window.

## *Plants from Cuttings*

Geraniums, Coleus, Begonias, Fuchias, and Marguerites all propagate easily from cuttings now. A good soil mixture for starting them is made of three parts fibrous loam and one part each of well rotted cow manure, leaf mold and sand with a little powdered charcoal. Water regularly and carefully. As soon as they are well rooted pot up and keep stocky by pinching back. You can use the new fibre pots which are light weight, cheap, durable and do not fracture.

Look over Dahlias now for rot and if any is showing cut it out and place them where it will be a little dryer. If they are shriveling up, place some wet papers over them. The last of February is not too early to start Dahlias in order to make cuttings for new plants. They may be potted up as soon as the tops have started and it will not be long till they are up far enough to start making cuttings.

## *Top Dress the Lawn*

If you neglected to top dress your lawn last fall it should have attention now. A lawn needs feeding to get the best results. A liberal dressing of bonemeal or commercial fertilizer will be beneficial. Twenty pounds of bonemeal to 1000 square feet of lawn surface will be about right. This should be scattered evenly.

Lawn seed may be sown at this time right on top of the snow. The best seed is the cheapest in the end. One of the best authorities says a quart of the best quality lawn seed is sufficient for 1000

square feet. Good seed in good soil with care in watering means a thick vigorous sod and few weeds. Keep your lawn well watered and fed and the weeds will not have much chance to grow. If the soil is poor a dressing of humus, leaf mold or pulverized peat will be good for it. This may be put on as soon as the ground is sufficiently dry in the spring to walk upon. A layer an inch thick, spread evenly and raked will be about right.

## *Seeds Slow to Germinate*

Start seeds of such things as Petunia, Primula obconica, Royal Sweet Sultan, and Castor-bean—all slow to germinate and take a long time to grow. The climbers Cobaea scandens, Thunbergia and Moon Flower are very slow also. The latter seeds are hard and it is well to soak them over night or file them being careful not to injure the germ. Place the seeds of Cobaea edgewise and they will germinate better. With many of the finer strains of annuals (especially Petunia) the weaker seedlings produce the finest flowers, so pet them along.

## *Prune Late Flowering Shrubs*

All of the late flowering shrubs may be trimmed where necessary now but not the spring bloomers! Hydrangea Peegee, Rose of Sharon, Viburnums, Honey-suckles and Clematis may all be pruned as they bloom on the new wood which will be produced in the coming season. The slow growing things need less than the vigorous ones. Where there is plenty of room for the plant to develop naturally pruning just enough to keep in shape, to remove dead wood and branches that interfere will suffice.

## *While the Ground is Frozen*

Any hauling that needs doing around the place such as bringing in manure or removing rubbish is best taken care of while the ground is still frozen. It is much easier and there is less danger of doing injury to the lawn or garden.

If any large trees are to be moved or cut down the work can be better done before the ground thaws. Large trees may be safely moved with a ball of frozen earth.





## For The Good Of Your Garden Here's A Help Hint



A Rock Garden—by all means have one, if only 3 feet up one side and down the other. In hardy rock plants we are looked upon as specialists. In fact it's one of our hobbies. Which accounts for our lively interest in helping anyone who will but let us.

YOU know how it mostly is, with the hardy plants you set out. You expect great things of them the first year. But somehow in spite of all the chuckling under the chin you may give them, they just don't really perform until the following year.

That's because they are neither full rooted enough, nor old enough, to at once go it alone, so to speak.

Happily for you, however, you can get from us good, husky, field-grown, three-year-olds that show their mettle the first year in their free growth and generous bloomings.

In truth, we absolutely refuse to sell anything but three-year-olds. In which lies your assurance of hardy garden and rock garden successes.

Send this day for that help filled catalog of ours, more than half of which is illustrations of the plants in bloom.



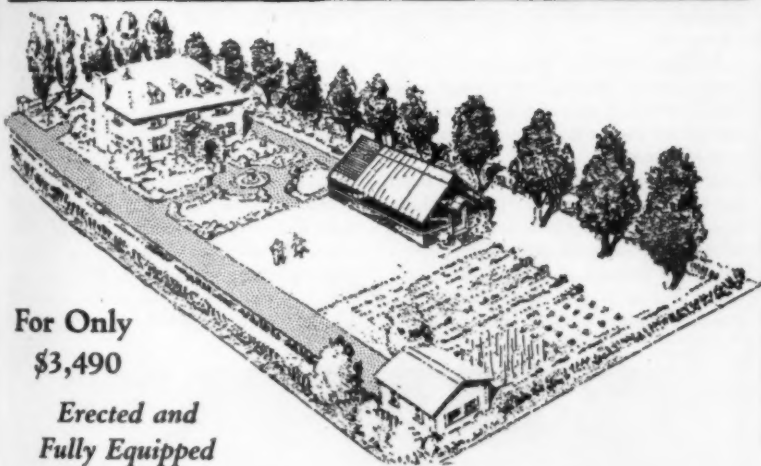
## Wayside Gardens

E. H. Schultz  
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## Hitchings Greenhouses



For Only  
\$3,490

Erected and  
Fully Equipped

FOR \$3,490 we will furnish the complete materials for this greenhouse, and erect them on your grounds.

It will be 14 feet wide and 33 long, fully equipped with a separate work room; a special greenhouse boiler; all the heating apparatus; the ventilating fixtures; the plant-growing benches; the plumbing and foundation walls.

The frame work of the greenhouse is of

steel. All wood used is best of cypress. Three coats of paint are included.

The price of \$3,490 is based on the average building site conditions, and on a shipping distance anywhere within 50 miles of our factory.

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**Beautify  
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You'll want this Catalog!

**STORRS & HARRISON CO.'S  
75th ANNIVERSARY CATALOG**

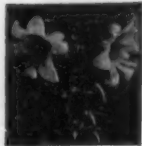
**YOUR FREE** copy is now ready! Send for this unusually attractive catalog, which has been especially designed to make the Diamond Jubilee of America's **OLDEST** and **LARGEST** Departmental Nursery a memorable event. It contains features of utmost value to every one who plans to beautify his grounds this spring. For example:

- 168 illustrated pages, some in colors.
- 1973 new varieties and old favorites.
- EVERYTHING** from a packet of seeds to a 15 foot tree.
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Regal Lily

**Regal Lily Bulbs  
at cost!**

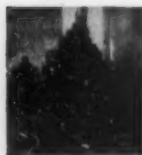
**Collection 10**

Just one of the many unusual values you will find in our big 75th Anniversary Catalog. The Regal Lily is today the outstanding, most popular and most wanted garden plant. It was quite recently brought to America from Thibet, and every one who sees it, loves it, for it is very beautiful. It is hardy and easy to grow. Demand for the Regal Lily has exceeded the supply, and as a result prices are normally high. But to celebrate our 75th Anniversary we are offering, for a limited time, Regal Lily bulbs of blooming size at cost.

5 Bulbs **\$1**    10 Bulbs **\$1.90**    25 Bulbs **\$4.50**

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**Lawn Group of Evergreens**



Lawn Group

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- 1 Norway Spruce, 3 to 4 ft. . . \$3.25
- 1 Greek Juniper, 2½ to 3 ft. . . 3.00
- 1 Retinispora Plumosa, 2 to 2½ ft. 3.50
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Estimated Weight Packed, 200 lbs.    \$13 Value    **Special \$11.70**

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Entrance  
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**Collection 2**

- 2 Pyramidal Arborvitae, 3 ft. to 4 ft.
- 2 Dwarf Swedish Juniper, 2-2½ ft.
- 2 Peter's Juniper 1½ to 2 ft.

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**Collection 3**

- 2 Iron Privet, 3 to 4 ft.
- 2 Spirea Thunbergi 18-24 in.
- 2 Red Strawberry 3 yr.

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Express Collect

**Perennials**

**Collection 4**

**Identification Samples**

- 1 Artemisia Silver King.
- 1 Dianthus.
- 1 Echinops.
- 1 Euphorbia Coralina.
- 1 Geum, Mrs. Bradshaw.
- 1 Helenium Golden Sun.
- 1 Rudbeckia Purpurea.

By Mail—All for

**\$1.45**

*Mail this Coupon Now!*



A simple vine support against the side of a house needs no heavy pieces. 1 x 1/4 inch strips may suffice

**Making your own trellises and arbors**

Continued from page 404

Horizontal or vertical lattice work does little or nothing to strengthen the frame, whereas diagonal lattice work will brace it powerfully. Yet horizontal pieces may be the best in most cases and bracing unnecessary.

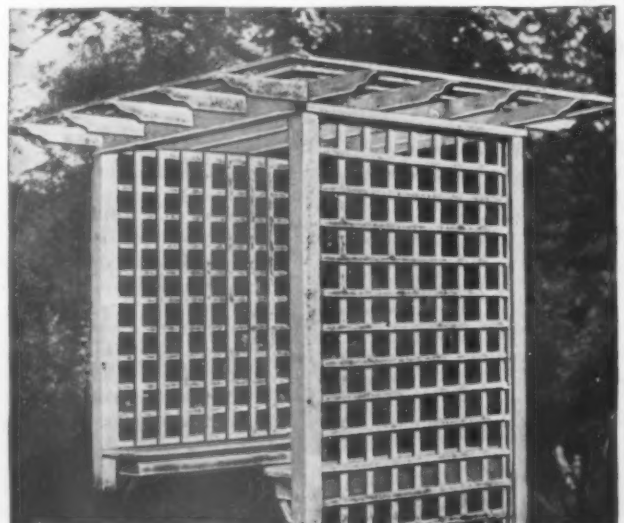
A hammer, saw, try-square and chisel are all the tools required. The trellis may be nailed or screwed together. Galvanized nails or brass screws are preferred. They should be countersunk and the holes puttied. The joints of most trellises are simply butt or halved joints. The home carpenter who rejoices in complicated perfection, may use his miter saw, and fashion mortise and tenon joints; or countersink his cross lattice into the frame; or make dove-tail joints; or any number of fancy things. Yet, because trellises must be heavily and faithfully painted to resist the weather, such work is largely lost to view.

In the sketches there are shown some proper joints, for frames and lattice work. Two nails or two screws should be used wherever one member crosses another. When one set of lattice work crosses another, and both are to be fastened to the frame, there is sometimes a bothersome difference of levels to be managed. This is overcome by nailing cleats to the inner sides of the frame to accommodate the lattice ends which come at a lower

level, thus allowing the upper ones to join the frame on a flush surface.

The photographs offer suggestions of pleasing design. The simplest known trellis is of the type used where a Climbing Rose is to be supported on the side of a house. No strength is needed in the frame itself. The one illustrated consists merely of one-by-two inch uprights nailed to the house, spaced fourteen inches apart, and the same sized wood used for cross pieces, nailed direct to the uprights at eight-inch intervals. The extension of each cross lattice beyond the uprights is better than if it were cut off flush. It lightens the design and gives climbing vines an easier hold.

An entrance arbor-trellis at the door of the house is a more ambitious project. However, its main complication is the arch, the rest being plain sailing. The arch may be achieved in two ways. The first might be to procure four quarter-circle pieces of lumber, sawed out at a lumber mill and fitted together upon the uprights at home; the second would be to proceed with the arch made up of short straight pieces of lumber cut out at home. This would best be done by drawing a full-size outline of the complete arch on sheets of wrapping paper tacked to the floor, then marking the outline of every piece of wood which is to be (continued on page 486)



A trellis for Wisteria made with light 1 x 1 inch uprights and crosspieces; the frame being of 2 x 4 inch members for strength



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THIS is the second year that Sutton & Sons have made this remarkable offer to American flower lovers—an opportunity to get fifty packets of Sutton's finest quality flower seeds at a price that is little more than half the catalog value. This special collection offers many of the varieties less commonly grown, but which make flower gardens distinctive, as well as beautiful.

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Aster, Pink Pearl  
Aster, Buff Beauty  
Anchusa, Italica  
Antirrhinum, Bright Pink  
Antirrhinum, Orange King  
Antirrhinum, White  
Antirrhinum, Yellow  
Antirrhinum, Tall, Mixed  
Aquilegia, Long-spurred Hybrids  
Aster, Perennial, Sub-cornuculus  
Campanula, Sutton's Hybrids  
Campanula, Carpatica, Mixed  
Canterbury Bells, Mixed  
Chrysanthemum, Annual, Double and Single  
Chrysanthemum, Perennial, Shasta  
Daisy Westralia  
Clarkia Elegans, Mixed  
Coreopsis  
Cornflower, Blue

Cosmea, Early Single, Mixed  
Daisy, Giant Double, Mixed  
Delphinium Belladonna  
Delphinium, Hybridum, Mixed  
Dimorphotheca, Aurantiaca Hybrids  
Erigeron Speciosus  
Eschscholtzia, Special Mixture  
Eschscholtzia, Ruby King  
Gaillardia, Large-flowered, Single  
Geum, Double, Mrs. Bradshaw  
Godetia, Double Rose  
Hollyhock, Double, Prize Mixed  
Larkspur, Stock-flowered, Mixed  
Lavatera, Loveliness  
Lupinus, Polyphyllus, Hybrids  
Marigold, Double African Tall, Mixed  
Marigold, French Miniature, Mixed

Mignonette, Giant  
Myosotis, Royal Blue  
Gnothera, Afterglow  
Penstemon, Large-flowered, Mixed  
Phlox Drummondii, Large-flowered, Mixed  
Poppy, Mrs. Perry  
Poppy, Bracteatum  
Poppy, Orientale  
Pyrethrum, Single, Mixed  
Scabious, Pink  
Scabious, Mauve  
Stock, Salmon Beauty  
Sweet William, Pink Beauty  
Verbena, Giant Pink  
Zinnia, Giant Double, Mixed

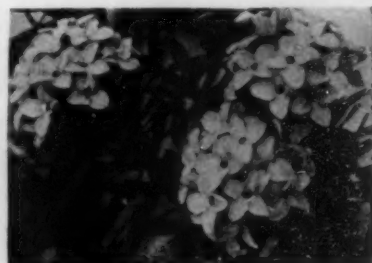


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For many years they have been classed with the world's finest productions, winning sweepstakes medals and other valuable prizes in all parts of the world. If you want the finest Dahlias or Glads in your garden, or the additional joy of winning prizes in the show room, Kemp's Wonder introductions will serve your purpose. In 1928 we introduced two of the season's best Dahlias—Kemp's Fort Monmouth and Kemp's Violet Wonder. These and other Kemp introductions described fully in

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Color — Fragrance — Charm  
and Interest are Attributes of the  
Water Lily Pool



# A Water Lily Pool for Every Garden

HERE is room in your garden, even though it be small, for a Water Lily Pool, or at least for a simple sunken-tub garden. Your Water Lily Pool will quickly become the center of interest in your garden, for the culture of colorful, fragrant, beautiful Water Lilies, interesting, odd aquatic plants and ornamental fishes is fascinating.

Many make the mistake of thinking that the beauties and joys of a Water Lily Pool are only for those who have large estates. Some of the prettiest Water Lily Pools are located in small gardens. Beautiful effects are obtained with a simple sunken-tub pool surrounded by rocks and aquatic plants.

## Our "Rainbow" Collection \$12

Comprising five of choicest Water Lilies grown. Included are *Morning Glory* (shell pink), *Gloriosa* (dark red), *Paul Harriot* (orange pink), *Chromatella* (yellow), *Blue Beauty*—1 ft. in diameter.



## Complete Water Garden for only \$5

Your choice of pink, blue, yellow or white Water Lily; 6 Aquatic Plants; 6 Border Plants; Water Lily Tub \$5 and Pair of Snails. All for

## "Perfection Trio" of Water Lilies \$7.50

Comprising three very exquisite Water Lilies. *General Pershing*, a glorious pink flower; *August Koch*, a lovely lilac-lavender shade. *Chromatella*, a perfect yellow flower.

A pair of Giant Gold Fishes, each a foot long, sent for \$5. | 7 Aquarium Plants, all interesting species, sent for \$1.10.

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Write today for your Free copy of our beautiful 1929 Catalog. It shows how you may enjoy a Water Lily Pool in your own garden this spring. Tells how to build a pool inexpensively; how to plant a sunken-tub pool; describes and illustrates in colors, fascinating varieties of Water Lilies and explains their simple culture; chapters devoted to Aquatic Plants and Ornamental Fishes. Write TODAY for your Free copy.

"World's Largest Grower of Water Lilies"

**WILLIAM TRICKER** inc.  
31 BROOKSIDE AVENUE—SADDLE RIVER, N. J.

## The garden tool chest

Continued from page 409

you may put more money in it and have a sturdy affair that will last for years. Perhaps it is the only one garden tool to buy cheap and renew often.

If one wishes to save money on hoes and rakes, there is a tool called the "hoe-rake" in which one has two tools in one. One side of the implement is a short-headed rake and the other is the blade of a hoe. By buying this, one saves money and a little space in the tool chest.

These tools are the nucleus about which we stock our chest and make our garden. Then as the tool chest is filled, we imagine the work of gardening going on.

See what has happened so far. The garden is spaded up with that splendid tool called the spading fork. The soil has been raked fine with that nice English rake. The next step is to have a garden line, and tape measure, and an implement to open the drill or furrow. This last we have in our hoe.

A good gardener should not be without an excellent garden line. Buy for this purpose cord called mason's line. This is just what it is. The sort of cord that masons buy for their work. Be sure you invest in good quality. Buy no cotton cords. They stretch and pull. Proper garden line will last for years. Some people like small sized clothes line.

The stakes, to complete your line, may be bought or made. They should be about one foot long, well pointed at the end—about three inches should be given up to the point. Foot stakes make good measuring sticks, too.

Next, the tape measure. Do not buy one until you are prepared to spend enough to purchase a good steel one. Cotton tapes stretch and break and are not worth the money spent on them. The steel one is a permanent investment and should be bought in the form of a reel rather than a cased-in affair. So if you cannot spend money on this, take a yard stick into the garden with you, or do what I have done in an emergency. Mark off on a hoe or rake handle with good black paint circles representing one foot from the end of the handle and also 2, 3 and 6 feet. In this way, whenever you take your hoe into the garden with you, you are also carrying your garden measure.

You should add some labels to the chest. Little wooden ones may be bought by the hundred to save money, for temporary needs; and

some metal ones for permanent labeling, as in the perennial borders. There are several styles of these on the market.

Let us buy a good trowel for use in planting of bulbs, bedding of plants, and transplanting. There are many kinds of trowels. The one I have found most serviceable is called Slim Jim. It is so named because it is a slender trowel and is easy to work with.

I suppose some people are getting nervous now over the problem of watering the garden. If it is a vegetable one, a watering can is necessary only when transplanting is going on, otherwise the watering can should take the form of the hoe, for constant cultivation is sufficient in the vegetable garden without watering. Buy a can with a long spout. It is far more convenient than the short spouted one. The former can be placed almost in the hole where the plant is to be placed or along the drill in which little transplanted Lettuces are going. The business of dribbling water over a garden with a watering can is a silly and futile one. Flower gardens must be watered.

A good length of hose and a sprinkler are splendid for the flower garden and the lawn. There are hosts of sprinkling devices—Go to your seed store or hardware dealer and see his stock.

The lawn mower, too, is a matter to be decided upon by the individual, depending so much upon the extent of one's grounds. Even small lawn mowers today have an electric contrivance on them which makes mowing the lawn something akin to using a vacuum cleaner. Tools for edging may wait over until one is sure how much such tools are needed and the type best adapted to the size of one's grounds.

There is a little trick affair to add to our chest which cannot be bought but may be made by any person handy with tools. This little tool is of English origin and is called Wooden Man. It is six inches in length consisting of a handle and ending in a wedge-shaped piece. It is used for cleaning tools. It feeds in between the teeth of the rake and cleans off the blade of the hoe.

There are some wonderful tool racks on the market. Bars of iron, about twelve or fifteen inches long, are arranged so that a half dozen implements such as hoes, rakes and spading forks can be hung conveniently on one rack.

## Making your own trellises and arbors

Continued from page 484

sawed. Thus there would be a paper template cut out with scissors to guide the pencil upon each unit of the arch.

The arbor gateway is another example of heavier trellis work. This stands upon its own strength. The frame members are two by four inch stock and the arches are sawed in quarter circles at a saw mill. The lattice work, instead of being applied to the exterior of the frame, is inset in the form of panels. Being plain, rectangular work, these panels are not difficult. The arches support

plain cross bars of two-by-four inch stock.

Limitless examples of good designing might be given. There are interesting possibilities in trellises made of straight cedar sticks with the bark left on. The models shown in the photographs prove that complication of pattern and workmanship are not necessary to beauty, but rather there is to be desired the loving thoughtfulness of the home carpenter, who would use his tools indoors, in those weeks just ahead of spring.



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**Free HOW TO PLANT**

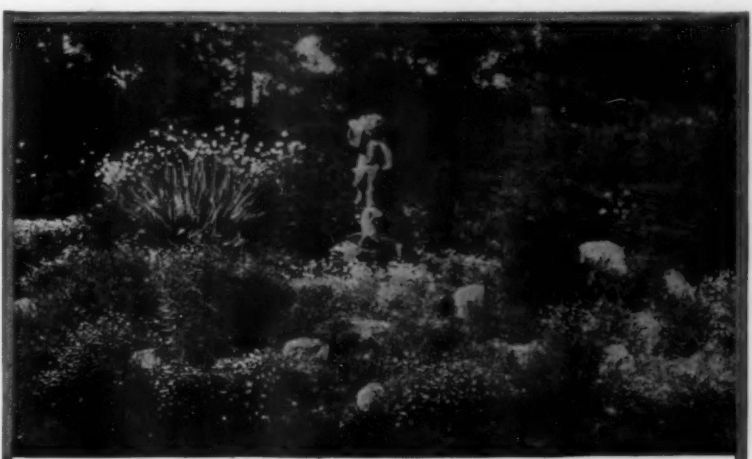
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Here may be found Cotoneasters in variety, new Barberries, Azaleas, Beauty Bush (Kolkwitzia), Hicks Yew, Meyers Juniper, Rock Garden plants, and a host of materials not found in most nurseries. All are reasonable in price, and the complete list may be found in

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**NEW, yes; and novel too.** Wonderfully lovely shade of light and dark pink, with just a tint of gold on the tips. Long spikes, carrying many flowers from early summer until frost.

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Something different—something new—is the red-leaved Japanese Barberry recently offered to discriminating home owners.

This newest of new shrubs has met with instant favor since it was first introduced in 1927. The rich lustrous bronzy red of its foliage which becomes more brilliant throughout the summer, changes to vivid orange, scarlet, and red shades in the fall.

This distinctive shrub resembles in color the beautiful red-leaved Japanese Maple. It has proven itself especially well adapted to mixing in shrubbery borders or for clumps on the lawn. Full exposure to sun brings out its rich coloring to best advantage.

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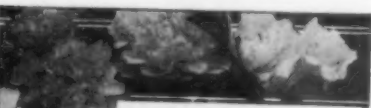
If you order direct from this ad you can benefit from the following special low *postpaid* prices on this wonderful new shrub.

- 9" - 12" Bushy Plants 6c each 4 for \$2.00
  - 12" - 15" " " 8c " 4 " \$2.50
  - 15" - 18" " " \$1.00 " 4 " \$3.25
- Also Japanese Analea (Mollis) a beautiful hardy shrub, flowers brilliant flame colored.
- 10" - 12" Thrifty vigorous plants 6c each 4 for \$2.00
  - 12" - 15" very bushy \$1.25 " 4 " \$4.00

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Get our big 1929 Catalog that tells all about our 600 Acres of "Everything that's Good and Hardy."

The catalog is a veritable index of big values and contains a complete listing of standard and rare varieties as well as the good old favorites. Get the free booklet that tells how to plant for best results. It is simple and easy to understand. Send your order for the Barberry to-day and ask for catalog and booklet. **The Cole Nursery Co.** Painesville - Box 12 - Ohio



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**L. W. HALL CO., Inc.**  
492 Cutler Bldg. Rochester, N. Y.

**Start early and arrive sooner**

Continued from page 416

I had an interesting experience last summer. Instead of planting my Tomato seeds in the hotbed about March 20, I waited until late May, when I placed them in the coldframe. After several days I thinned out the seedlings and placed them in two and one-half inch pots. I put the pots into the frame and kept them covered. Growth of the most vigorous sort was made, and the danger of ruin by cut-worms was eliminated, as these pests cannot affect strong plants. I found also that when the plants were set out in the open ground they continued to grow without the slightest check. Transplanting failed to retard their vigor.

The result was that by starting the plants in the coldframe and potting them I had Tomatoes even earlier than neighbors who had started them

in the hotbed. Other gardeners had transplanted their Tomatoes long before I did, but eyed my vegetables several weeks before theirs had started to ripen.

Cucumbers are difficult to transplant under ordinary conditions, but when the seeds are placed in pots and put in the coldframe, they may be transplanted easily.

The practice of potting cannot be emphasized too strongly. I advise gardeners to sow their perennials in the fall, as usual, pot them in the spring and then keep them in the frame for a few weeks.

Tops of plants in the frame should be nipped off so that plants will grow bushy rather than spindly.

The following tables may give the beginner an idea of when to sow in the frame and when to transplant:

**ANNUAL FLOWERS**

NAME	COLDFRAME	TRANSPLANT	DISTANCE APART IN GARDEN
Ageratum	April 10	May 15	6 inches
Antirrhinum	April 1	May 15	6-12 inches
Asters	April 1	May 15	9 inches
Balsam	April 10	May 20	24 inches
Calendula	April 10	May 10	12 inches
Cosmos	April 10	May 20	12 inches
Centaurea	April 10	May 15	12 inches
Dianthus	April 15	May 15	6 inches
Larkspur	April 10	May 10	6 inches
Marigold	April 15	May 20	6 inches
Moonflower	April 10	May 15	12 inches
Nasturtium	April 15	May 10	6 inches
Pansy	April 10	May 15	4 inches
Phlox	April 1	May 15	12 inches
Ricinus	April 1	May 15	24 inches
Petunia	April 10	May 10	6 inches
Verbena	April 15	May 20	6 inches
Zinnia	April 15	May 20	6 inches

**VEGETABLES**

NAME	HOTBED	COLDFRAME	TRANSPLANT TO GARDEN
Artichoke			May or June
Beet		March 1	May
Broccoli		March 1	June or July
Cabbage	Feb. 20	Feb. 20	April or May
Carrot		March 1	May
Cauliflower		March 1	April or May
Egg Plant			Late May
Endive		March 15	April or May
Kale		Feb. 20	April or May
Kohl Rabi		Feb. 20	April or May
Lettuce		Feb. 20	April or May
Onion		Feb. 20	April or May
Pepper	March 20		Late May
Sweet Potato	April 10 (tubers)		June
Tomato		May 20	May 30 (pots)
Parsley	March 20	March 1	May

**COLDFRAME-WINTERED SEEDLINGS**

**VEGETABLES**—Cabbage, cauliflower, lettuce, sown Sept. 15 (latitude of New York City) should be large enough a month later to transplant two inches apart in coldframe.

**FLOWERS**—Auricula, English Daisy, Canterbury-bell, Cowslip, Forget-me-not, Pansies, Hollyhock.

**COLDFRAME VEGETABLES FOR WINTER USE**

Early cabbage, cauliflower, sown early in August. Lettuce and Parsley sown in September. Transplant these to coldframe when large enough. They should attain their maximum size before frost sets in.

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Plan now this Spring to lay out and plant that garden, hedge or group of evergreens that you have cherished for so long. Bear in mind that every fine tree, shrub, or plant adds far more to the value of your home than the first low cost.

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## Annuals for everyman

Continued from page 405

1929



1929

**NORTH'S YELLOW** (Peacock-Dahliadel 86), Bloom 10 x 4, Bush 6 ft. This fine new 1929 introduction cannot help being a real favorite. It was in full bloom during August heat and seemed to like it, continued until frost and still had good-sized, full-centered blooms in quantities on long, slender yet strong stems. We can recommend it both South and North as a good grower. Flowers face nicely and form is good throughout the season. Color a clear sulphur yellow without any shadings. Tubers, \$10.00. Plants, \$5.00.

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I also have native Azaleas, Laurel, Pieris, Firs, Spruces, native perennials, Lilies and native Orchids

**E. C. ROBBINS** Gardens of the Blue Ridge Box 7, Ashford, N. C.

Buy a mixed collection of Gourds. Sow them in heat in a frame if you have one. If not, in a flat in the sunny window of the kitchen. Best, however, use dirt bands or little pots of paper or some of the new fibre pots which are inexpensive and non-breakable. Sow these in pots because in transplanting they suffer no shock and go right on growing. I don't know of anything that will give the new gardener more thrills in the late season than the diversified fruits of a mixed collection of Gourds.

There is the Morning Glory. Sow it outdoors when the ground is warmed, first soaking the seed in water, and your fence or trellis will be quickly draped with rich foliage and gorgeous flowers. The one drawback here is that once you have planted Morning Glories you are likely to get volunteer plants next year from the seeds that have been scattered.

The Cypress Vine for posts and porch trellis, closely related to the Morning Glory, has finely cut foliage and a profusion of bright if small scarlet-crimson flowers in late summer.

The cup and saucer vine (Cobaea) might be used as well. The Canary Vine with its yellow flowers and the Scarlet Runner Bean with its brilliant red and the Hyacinth Bean in white or lavender-pink are there for you to choose. I rather like a haphazard planting of all these vines on a trellis or fence. All these vines are heat lovers and must not be planted until the ground is warm.

Two vines for early planting are the Sweet Pea and the Nasturtium. All in all the Sweet-pea carries the palm among all the annuals. It has fragrance, grace, purity of color, and is useful for cutting; as a cut flower it is unsurpassed for table decoration. The secret of cultivation is Sow early and deeply in a deeply dug soil.

Annuals for edging and for bordering beds of taller-growing plants can be chosen from Alyssum (white); Drummond Phlox in a great variety of color, not the least attractive of which are the buff tones; Verbena is particularly effective in pinks, reds, and blues; and for a hot, dry soil fully exposed to sun and coming late in the season, Portulaca in crimson, orange, and yellow.

Annuals that furnish the complete border and which are also relied upon for cutting will be selected from Asters, Larkspur, Snapdragons, Cornflower, and Sweet Sultan. Each of these will cover a long season of bloom. The Cornflower in its true-blue is to be preferred. All other shades are more or less washy—rather use the Sweet Sultans, like glorified Cornflowers, if you want other shades and tints.

The Marigolds, in which I include the old pot Marigolds or Calendula, are the most valuable for orange tones. The dwarf French Marigolds, six inches to a foot in height, will bloom continuously until frost. The taller African Marigolds are the reliance of the annual border for late summer and early fall bloom. The pot Marigold (Calendula) is an ever-bloomer in shades of yellow or rich orange and in the newer varieties

tending to scarlet. You can take your choice. All are good.

For late bloom and for all-around usefulness there is no plant in the garden that equals the Zinnia. Oh no, not the old-fashioned thing by any means. The modern Zinnia is so different. Zinnias are particularly useful because they will grow in any situation, rich or poor, shade or full sun, and can be transplanted with impunity at any stage of their growth to fill in gaps.

You would have some plants for the background to simulate a hedge? Then plant the Castor Bean but give it room—several feet—and rich soil and you will almost think you have planted a young tree before frost comes. Combine it with Cosmos and the Sunflowers and your screen will be complete and floriferous though transient.

The standby for late-cut flower is the China Aster, but unfortunately it suffers sadly from the yellows disease which in aggravated cases completely prevents flowering. This yellows is an infection introduced by the sting of a certain leafhopper which lives normally on a host of weeds along the roadside and hedge rows, and so if your neighborhood has shown Aster yellows at all better not try to fuss with this plant in any way but turn your attention elsewhere.

Grow some Strawflowers, the colorful blooms of which can be cut and dried for winter decoration. The secret is to dry them quickly with heat when they are cut. If not dried quickly, the flower head will continue to grow after being cut and so the seed will shed. All everlasting flowers should be dried with heat.

We must not forget Poppies. The original red Flanders or Corn Poppy and its refined color selections known as Shirley Poppies are flowers for garden decoration, but hardly useful for cutting. They fall all too quickly.

Like everything else that grows annuals respond to good cultivation. Dig the soil deeply, that is, turn it over the full depth of the spade, at the same time adding stable manure if you have it. If not, use bonemeal. Should it happen that your soil is light and sandy, add some peat moss. On the other hand, should it be a heavy clay, add some coal ashes or even sand to lighten it up and make it porous. Annuals need food and to get the food they must have water but overwatering when the plants are still young and if the soil packs hard will do more damage than giving none at all. Such failures as do happen with annuals are usually traceable either to sowing the seed too deeply so that the young plants never have a chance to get through, or to overwatering and consequent packing down of the soil.

As to how to use your annuals, look at last month's number of The American Home which has planting plans for little borders of annuals. For the rest look at the catalogs and pick varieties of each of the subjects according to colors that will please your fancy and will harmonize. Or, you can even run wild and use all the colors imaginable in a great harlequin mixture and the garden will look beautiful.





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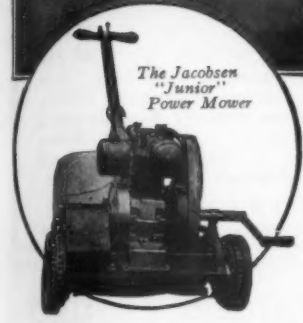
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## About small gardens

F. C. HOGGARTH

**M**OST modern gardens are small and suggestive of a famine in land. We are civilized, and the land for houses and gardens is measured to us not in square miles but in square inches. The small garden is thus the problem for most of us. For the great majority, their floral triumphs must be won, if at all, on a narrow battlefield.

Many excellent writers on gardening forget this. They do not remember our limitations. They write of herbaceous borders, of shrubberies, of rock and of rose gardens, oblivious of our square inches. They take too much for granted.

It is well, therefore, sometimes to turn to the study of small gardens, actually in being, to see what others make of their little holdings. It is a fine school of observation, suggesting how one should and should not do things, and sometimes a fine source of inspiration. Newton found a falling apple more suggestive of the laws of the solar system than all the stars, and the miniature holding may illustrate the art of gardening even more effectively than one of larger magnitude.

I have found deep interest in watching the small railed front garden attached to one row of dwellings, to discover if possible some underlying conception of a garden. Without exception there is a tiny plot of grass. As to its necessity there has been apparently no question. It has been taken for granted as the first thing needful. On the whole it is a true instinct, this of having a bit of Nature's own background, and thus linking the narrow plow with her spacious green domains.

And grass has a beauty and a fragrance all its own. It is humbly useful, yields gently to the foot, and permits familiarities that would ruin a bed of flowers. The grass in most cases, however, might be better kept. Easily grown, it requires more care than is commonly supposed. It should be kept in good heart and regularly cut. Even the meadows would lose their beauty were they not grazed and manured, for thus they are cared for.

With a single exception, this row also holds that gardens should have flowers, either as a decorated border or as a "table center" to the grass. One garden is entirely of grass, and in another, belonging to a home of sorrow, a few trees clothe garden and house in gloom. The only flowers I have seen there were spring blooms—Snowdrops and Crocus—like stars

of hope amid the shadows. The trees were a mistake, especially as they blotted out a glorious sea view. Gardening that robs us of vision is not wise.

In these little holdings the flower colors were usually too pronounced: the softer tints, I think, are best under such limited conditions. Whether that be so or not certainly too many kinds of flowers were generally attempted. "Renunciation," says Bryce, "is the hardest part of travelling." It is also the hardest part of gardening on a small scale. There are so many things one would love to have, but the selection must be rigorous. The nature of the ground must be primarily considered, though in small gardens, with a little trouble, that may be adapted to our needs. Still, there are some plants that will do particularly well in that particular soil and situation. These should be discovered, for nothing looks worse than a garden suggestive of a plant hospital, where growths appear sick and in ill-health.

Especially is there need for more individual selection over a wider field. People are often ignorant of the wealth of choice at their disposal. At present too much is left to the initiative and taste, or the lack of them, in the man who includes "gardening" among the other odd jobs he knows. We need to escape from his influence and tyranny, and then our garden would no longer have that uninteresting appearance of recurring decimals.

In small gardens every man should be his own gardener; only so will he know its joys and its delights. He should also have expert advice, for only so will he make the most of his narrow areas.

Especially should I like to see more cooperation among small gardeners, for their plots are not self-contained. Each is one in a row. They are members one of another. Why should there not be an understanding as to which flowers should be grown in each? Why should each not specialize on a few blooms, grown not in lonely solitude, but, as far as possible, in broad massive effects? Above all should we be inspired with the possibility of our inches, impressed with the greatness of our amateur calling. It is man's ancient and original task—to be a tiller of the soil. And the smallest plot, well loved, will be rich in surprises and in satisfactions beyond all power of telling, wonderful. "We are only poor," says one, "by thinking ourselves so."



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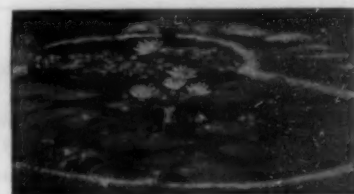
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## New walls for every home

Continued from page 467

design. This has the diagonal band of two shades, but back of it is a frivolous little vine design that softens the severe lines and makes the paper more informal. This is entirely in shades of green, with a warm ivory background. There would be many sunporches where this would be delightful. I can also imagine it in a cheery little breakfast room, with sunny yellow curtains and yellow breakfast china. It is, of course, primarily a bedroom paper, and because green is such a versatile color it will allow many color combinations to be used with it.

For the woman who yearns for her spring garden through the cold month our next design seems singularly appropriate. We find all the flowers in the garden spread in a riot of soft colors on a pale green ground. There are yellow, and orange, lavender, and blue, all connected with delicate traceries of green stem and deeper green leaves. This paper would, of course, dominate most rooms: as a bedroom design it would be gay and decorative, but with soft silk or organdie curtains of a plain color it would not be too much color. For breakfast rooms, small dining rooms and sunrooms it is delightful, for we are accustomed to warmth of color and would be lost without it. The design is rather open, but covers more of the background than any of the others that have been described. Because the background is deeper in

shade than the creams and yellow that have gone before we feel that it would not be a good pattern to use in a small room. It will need space, but for the person who loves rather unusual rooms it will be charming.

Another modern pattern comes in several colors and though it is full of sharp angles, and triangles running in different directions, it is so nearly one tone that it is not very prominent on the wall. There is a flower motif similar to our silver and gold pattern, peeping out from behind the triangles, but it also blends closely into the other colors, so only its outline is very evident. In shades of tan this paper makes a good living or dining room wall, and in the pastel tints such as rose, delicate green and pale yellow, it suggests a nursery or bedroom. In any shade, however, it is an illustration of a close pattern, covering the background entirely and in the deeper colors, especially, it would draw a room together and make it seem much smaller than it actually is. The brown shades, when the wall has been varnished and so antiqued, make a most interesting subtle pattern whose outlines are so blended that it is very difficult to distinguish them at the first glance.

Certainly the myriads of different patterns allow each one of us to express our own individuality in our homes, and to-day monotony in house furnishing is just as inexcusable as monotony in dress.

## Your clothes closets

Continued from page 448

charming set for her own closet, in a water-lily pattern, and several ensembles which will make their way to other members of her family on birthdays and other momentous occasions.

The number of hat-boxes one buys depends, of course, on the number and size of one's hats. Every-day millinery may be kept in satisfactory condition if it is simply mounted on a stand on a closet shelf. If one is so unfortunate as to have no room for a shelf, a pile of hat-boxes in the corner of the closet is the best solution. Hat-stands may be had in approximately the same materials as hangers—enamelled wood, velvet, silks and satins being favorites. A satisfactory collapsible stand may be bought for 10 cents in a limited choice of colors. A very substantial enamelled stand costs 50 cents and another one of the same type costs 65 cents. It is a good plan to match hangers and hatstands in color and style. If you are very particular but have not room for many hat boxes, there is a new little bag which is made of transparent Argentine cloth, like the dress-covers, and which clips neatly over your hat, mounted on its stand. It costs only 35 cents. One delightful closet which we saw employed carved wooden flowers to support its hats. On inquiry we find they can be purchased at 85 cents each in a choice of colors.

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12 hangers, covered blue jersey		1.20
4 blue collapsible hat-stands		.40
4 pair blue enamel shoe-trees		.40
8-garment bag, blue striped and flowered cretonne		1.95
4-pair shoe-bag, matched to garment bag		1.25
		\$5.60

	No. 2—\$10.25	
4 yds. mauve and sprigged pleated chintz edging		\$2.00
12 mauve enamel hangers		1.20
2 individual dress bags, mauve Argentine cloth		2.00
3 enamel hat-stands, mauve shoe-bag, mauve plaid		1.95
hat-box, mauve patterned paper		.95
4 pair mauve enamel shoe-trees		1.75
		.40
		\$10.25

	No. 3—\$17.10	
4 yds. green chintz edging		\$ 2.00
12 green hangers, covered rayon		3.00
2 green Argentine cloth dress-bags		2.00
3 green enamel hat-stands		1.50
green hat-box		.85
shoe-cabinet, matched to hat-box		6.50
5 pair green shoe-trees		1.25
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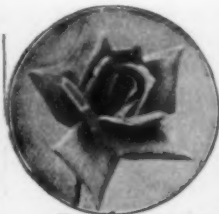
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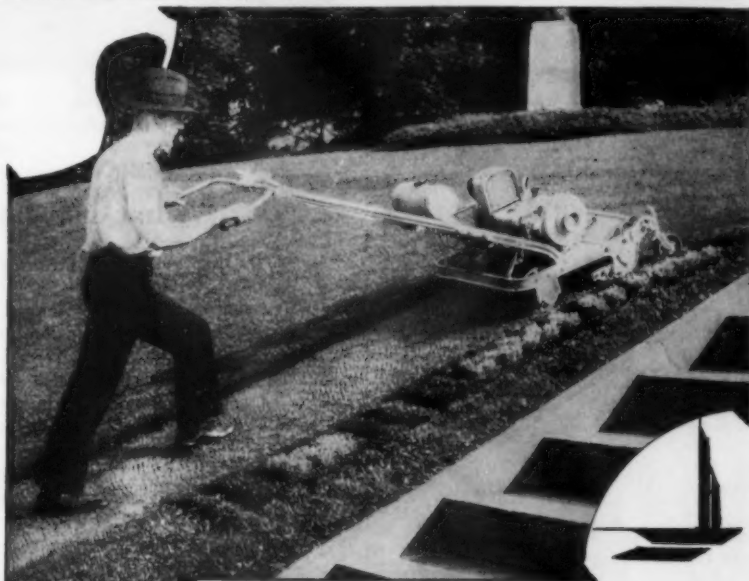
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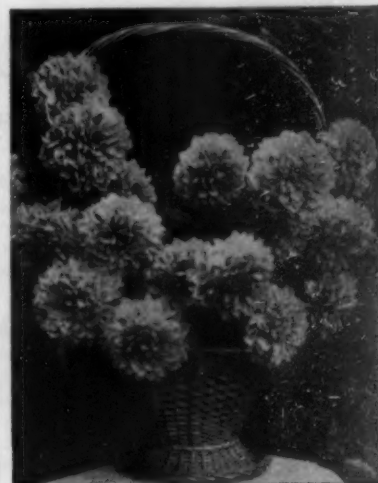
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**What my home means to me**

Continued from page 440

she is a cook of no little ability herself, and likes nothing better than a chance to try out a recipe now and then.

However, although she has to hire this done for her, it does not mean for a minute that Miss McMein in any way loses contact with every detail of her home life, for she loves her home and family. Coming home is the end of a perfect day for her: it is something she looks forward to

during the hours of work in her studio in town. Unlike many artists, home for Neysa McMein is not just a convenience—beautiful, perhaps, but soulless—a place in which to eat and sleep occasionally, and a fine place to go out from. It is rather the center of her life, and her greatest pleasure is being in it, attending to its orderly running, and entertaining her friends there.

**Decorative bedspreads**

Continued from page 468

One extremely chic pattern is a shaded plaid, in white and color. It costs \$7.50 and is particularly effective in a room with French provincial furniture.

If you want a cretonne or a chintz spread, two courses are open to you. You can either buy your material and have it put together according to your own ideas, or you can avail yourself of the printed spreads that are being shown in increasing quantities. The former course naturally admits of greater freedom in the choice of pattern, but buying a ready-made spread saves time and trouble. Some dark-tinted English prints in a roughly-woven cotton material that is very suitable for a man's room are priced at \$9 and \$10.50. Ruffled cretonnes that are nice for summer cottages cost \$7. These are bound and taped in solid colors.

Spreads to suit the more elaborate type of bedroom suites are a much greater problem for limited incomes than coverlets for Colonial, Provincial, or painted furniture. Rayon presents a solution that is being received with great acclaim. Certain manufacturers have been developing this type of spread in a variety of colors and designs that are really admirable. Some of the patterns are taken from Italian damasks and French brocades and have been woven in lovely subtle shades that actually

resemble old fabrics. These may be used successfully with more ornate pieces of furniture which are really antiques or which are replicas of period furniture.

Rayon spreads cost from the neighborhood of \$5 well into the twenties. The patterns may be all-over conventionalized designs, floral motifs, or alternating plain centers with figured borders. There is apparently a design in keeping with every type of furniture, and one even finds the modernist school represented with bold geometric figures. These spreads are washable and in fast colors, which gives them a distinct advantage over taffeta which has hitherto been preferred for the more elaborate type of bed covering.

Another attractive spread for the luxurious bedroom is made of sateen, quilted in an intricate all-over pattern. This comes in such colors as green, orchid, lavender, blue, and gold, and is priced at \$19.50.

Mohair makes bedspreads which are practical all-year-round coverings. They are not too light in effect for a winter ensemble, nor too dressy for the summer room. The material has a crisp, homespun quality and comes in plain colors with multi-colored borders in uneven stripings. These mohair spreads are also tub-proof and sun-proof and curtains to match are to be had in all shades.



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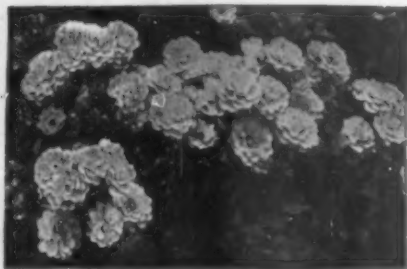
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## Wolf Pits: a remodeled studio-home

Continued from page 446

it catches the glow of the setting sun and illumines the whole studio.

Another interesting way of treating a door or window is seen in the use of one of Miss Benda's "transparencies." It is a hand painted silk panel done in all the rich colorings of stained glass and with a design which might well be a setting for "Pelleas and Melisande." The panel is stretched tightly over glass so that a soft light filters through and adds richness to the coloring of the room. Miss Benda originated these panels for use in a city apartment or any home, in fact, where a living room or hall window has an ugly outlook or opens into a dark court. When used this way, a

small indirect light should be hung between the window and the transparency, a wonderful lighting effect resulting—a lovely solution of many a problem of the window with the unpleasant outlook and a solution that any home maker can attain.

Such is "Wolf Pits," a little Polish home on an American foundation, typifying in truth the lives of its owners—people from another land building their new lives on American traditions and opportunities, a house of charm and individuality. And all this at a cost of less than \$8,000, this including their own electric light plant and water system, huge fire-place and chimney.

## Building for health

Continued from page 432

If the homeowner tries to save money in buying cheap traps, he will find himself defeated in a few years when the traps begin to corrode and rust away. Cheap traps are made of thin metal that will not long resist corrosion. Doubling the thickness of the metal from which the trap is made will triple or quadruple resistance to corrosion. Furthermore, many cheap traps have joints which are similarly short lived.

A word more should be said on the subject of traps. A trap is a device or pipe bend under the lavatory, sink, or other fixture, with or without enlargement, which retains a sufficient quantity of the water that passes through it to prevent the passage of foul air back through the pipe and into the room. There are many kinds of traps. The S trap, P trap, and drum trap are in most common use.

The water standing in the trap is called a seal. It is effective when the water is deep enough to close the pipe entirely and thus prevent the passage of air from the drainage system back into the house. If it stands lower, space is left above the water for the passage of foul air back through the pipe, and the seal is "broken."

Under no circumstances should a sink, lavatory, bathtub, or laundry tub be installed without a trap. If the trap is omitted, sewer gas will fill the house. While doctors no longer regard sewer gas as the grave menace to health that it was thought to be 25 years ago, still the fact remains that sewer gas is vitiated air and if breathed continually, will have an injurious effect on health.

Neither is it true, as was formerly believed, that sewer air contains, to a dangerous extent, the germs which cause diphtheria, typhoid, and many intestinal diseases. The chance of direct bacterial infection from the air from drains and sewers is extremely slight. It will, however, slowly and insidiously cause a general languor, which incapacitates for sustained effort. However, as indicated above, if the homeowner has purchased good fixtures he will have good traps, and good traps will not allow sewer gas to get into his house.

Fixtures that have their traps properly vented will also discharge the waste water much faster and quieter than those that are not vented properly. If the joints that connect the piping used in plumbing installation are properly made, the life of the installation will be greatly increased. It is not uncommon to see houses in which the walls of the room below the bathroom have been ruined by a leaky joint. Unquestionably the material used and the workmanship in such installation was not of standard quality.

The homeowner should never be satisfied with anything less than pipes of standard quality purchased from a master plumber of unquestionable reputation. While the bugbear of sewer gas has been largely dispelled by increased scientific knowledge, recent investigations have proved that ground pollution occurs through leaks in soil pipes.

Leaking pipes, whether supply or waste pipes, are common causes for dampness in a house, and dampness is one of the worst possible defects in the home.

Properly designed fixtures will eliminate another danger: they will not allow the waste water to contaminate the fresh water supply—a serious and deadly menace. The purchase of good plumbing pays big dividends in comfort, convenience, health, and pride of ownership. When fixtures of good quality are bought, the total cost of the plumbing fixtures and installation is only 9.9 per cent of the total cost of the home. The first cost is the last cost. If the fixtures are not wisely bought, however, they will sooner or later break down under the strain of daily use and then there will be the cost and inconvenience of repairs.

Furthermore, the home with the good plumbing fixtures has that greatest of all assets—complete sanitation. The prediction has been made that not many years will pass before purchasers will demand not only a clear legal title to a home, but also a certificate of sanitation—a certificate that will leave no room for doubt that the plumbing equipment will protect the family.



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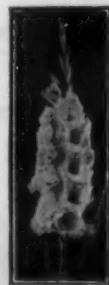
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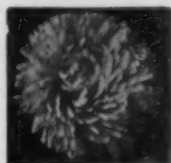
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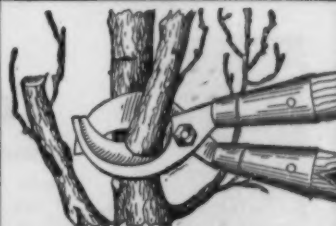
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The characteristic of these Dahlias is that they possess sufficient vigor and resistance to hot weather insects that they bloom steadily all summer, even under adverse conditions. Our Table of Ratings given in our catalog has helped us to do this as it helps our patrons. Try

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(Hy. Dec.)

This hardy variety is at times hybrid cactus, except for its clear stronthian yellow center, which is like a separate flower of decorative form. Outer petals are flesh ochre to jasper pink. The abundance of easily-kept tubers, great plant vigor, freedom of bloom, large size of disbudded flowers and keeping qualities make this an excellent variety for the exhibition or home garden. Size of flower 4 to 10 in. Medium height. Tubers \$1.50.



Heart of Gold

#### Other Golden Rule Dahlias

That measure to our standards are listed in our 1929 catalog, containing our famous Table of Ratings with other interesting information about Dahlias.

### Golden Rule Dahlia Farm

Harley T. Peck

Lebanon

Ohio

## Blending the old and new in furnishings

Continued from page 394

Such a blending is, in fact, readily possible, if one recognizes that good interior decoration need not necessarily mean close harmony, but may mean clever contrast. This is perfectly true in the matter of forms. All that is necessary is a true sense of proportion, scale and placement.

The interior illustrated shows a practical application of this kind of sense. Here we see a distinctly modern davenport, bookcase, chair and lamp with two chairs and a settee of Queen Anne type—and the effect is easily harmonious. The architecture of the room, the lighting fixtures, rug and draperies are conventional; if a more pronounced swing toward modernism had been desired, it could have been effected easily by using one of the striking modern drapery fabrics and a rug of modern design, both of which are now readily available. There are modern wallpapers, too, and decorative accessories which add further to the obvious expression of the modern note without necessitating radical changes in the room.

Let us suppose a scheme somewhat different from the one shown in the illustration, a scheme which might even involve the combination of antiques with modern pieces. The chairs might be distinctly modern in style, as to form and fabric covering, and it might be required to include a fine old lacquered highboy, an antique mahogany secretary or a chest of drawers and mirror. I would recommend a plain rug as a base, and walls tinted to old Venetian green or done in a carefully chosen paper. The important antique pieces, then, should be placed against backgrounds consisting of adequate squares of a highly decorative fabric. This at once gives a piece of furniture the value of a decorative unit rather than a desk or cabinet or chest. It relates it more to the wall than to the floor and makes it more a decorative part of the room.

With antiques thus introduced, incidental tables and other small pieces of modern furniture may well be combined with the chairs and davenport, and the room as a whole can possess a remarkable degree of harmony and interest.

It must be granted that such adventures in decoration, such departure from the more conventional and consistent schemes, demand a high order of good taste and good judgment if they are to be successful. One must possess a flair for selection, for knowing just the place for this or that piece in the room.

Whether the blending of old and modern is worth the doing must remain, like many other things in the

realm of interior decoration, a matter of taste. I have always tried to avoid arbitrary rules or dictums in writing about interior decorations, because within the limits of obvious fitness, so much of it is purely a matter of taste.

And it is by traditions and instincts of taste, rather than by its inherent qualities of design that the whole modern scheme of decoration will stand or fall in this country. Here, certainly, we are not so conscious of design as the Europeans, and we are far more governed by our superficial likes and dislikes. The test of public acceptance has always been final with us, the verdict continually being handed down by those—and they are legion—who "know nothing about art but know what they like." Followers of this or that cult may call themselves "Independents," but they are not so independent, or so invincible numerically as the freeborn citizen who says "This may be the latest thing in art, but I don't like it."

It is this kind of citizen who must be led to like modern art if modern art is to survive in this country, or if it is to become a real influence or a real expression here. Meanwhile it will have a host of ardent followers among people who like novelty for its own sake, and in people who find in the new forms some expression which they honestly feel interprets the color and texture of our times more satisfactorily than the old styles.

Another large group is made up of people who have not been able to make up their minds about modernism, and some of these people are a little worried. They do not, perhaps, feel any recognizable appeal in the new manner. They may even definitely dislike it, and may look forward with misgivings to a future dominated by modernism. To these people a message of reassurance should be given; they should be reminded that no decorative style has ever established itself permanently unless or until it has come, in fact, to represent the real taste of its time. Meanwhile, if we like it, we can adopt it in its entirety, or we can blend it in with our older and more familiar forms. And if we don't like it, we can let it alone. No arbitrary fiat can impose it upon us. This fact remains, however, we do not have to cast out the old if we desire the new. *Wisely chosen* and intelligently used, these modern pieces will fit comfortably and in homelike fashion with our old chairs and tables and will lend to our rooms a new note that can be both distinctive and pleasing.

### Harris' Exquisite

## Pompon Zinnias

### Something new for your garden

These remarkable little Zinnias have round, double flowers like Button Chrysanthemums. While the slender stems make them especially attractive for bouquets, the low-growing, compact plants produce a gorgeous display of brilliant, unusual colors along the edge of the garden. They are sure to bloom profusely from early summer until frost from seed sown outdoors in spring.

**Special Offer**—For 20c in stamps we send a large packet of Harris' New Pompon Zinnias, all colors, mixed, together with a coupon good for 20c on any subsequent order sent us amounting to \$1.00 or more.

**Be sure and ask for our Seed Book today**  
It's different

It shows the unusual varieties that will make your garden distinctive and it tells you what, when and how to plant your favorite annuals and perennials for the best all-season garden. It also tells about our special service for helping you plan your own garden. We are large growers of seed plants and bulbs, selling direct to you from our own farm.

Our free catalog is worth asking for today

**JOSEPH HARRIS CO.**

Moreton Farm R. F. D. 4 Coldwater, N. Y.

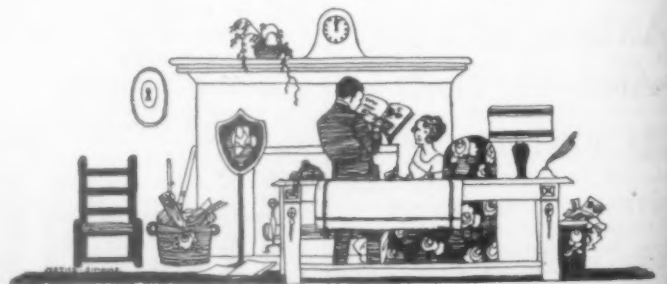


Both  
Bloom  
all  
Summer  
from the  
seed you  
sow this  
Spring



Border of Harris New Butterfly Delphiniums blooming first year from Seed

## Harris Seeds





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