

MAY 1932

The American Home

10¢



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GENERAL ELECTRIC

ALL-STEEL REFRIGERATOR

DOMESTIC, APARTMENT HOUSE AND COMMERCIAL REFRIGERATORS, ELECTRIC WATER COOLERS

The American Home

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HENRY HUMPHREY, *Managing Editor*
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The old-time rainwater barrel is used here as a decorative note in the attractive little home of Dr. Bert Haberer, Whitemore Lake, Mich.



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Rooms for the Imagination

ONE of the greatest of all America's authors sat down one autumn day at a desk on the second story of a Berkshire farmhouse. He was Herman Melville and he was about to begin that breath-taking masterpiece of the sea, "Moby Dick." "The spirits caper in the autumn air," writes Lewis Mumford, Melville's biographer, "there are glowing Byzantine days when the Heavens reflect the hues of October apples, when the sky is so ripe and ruddy it seems that there must be harvest time for the angels. . . . The sunrises and sunsets glow side by side in the woods, and momentarily moult in the falling leaves. Neither the Rhine nor the Moselle produces anything as heady as the landscape of the Berkshires in autumn. When Melville writes his first words, 'Call me Ishmael' he is writing out of his health and ecstasy. . . ."

Yet the theme of "Moby Dick" was the far-flung pursuit of a white whale through all the Seven Seas, a salt-sprayed, wave-battered theme, surging worlds apart from that Berkshire farmhouse. It was Melville's voyaging imagination that set his spirit soaring beyond the mountain ranges on which he looked to follow the wild adventures of that strange crew of Nantucket whalers.

To-day a woman somewhere comes into an empty room in a new house. Four bare walls, a floor, and a ceiling. And at once that strange thing we call imagination has its creative way with her, even as it has with the greatest of geniuses, and she looks into a world of her own making and works out her theme of beauty in much the same manner as the artist at his desk or canvas.

Whether on the grand scale or the small, whether it is the production of a towering novel or an enduring home, the sight of imagination at work is the most exciting aspect of humanity.

So we want THE AMERICAN HOME to be an exciting magazine in the finest sense of that much abused word. We want it to give edge and depth to the glorious adventure of home making. When through some hint on these pages the imagination of the reader is released, when the creative spirit which is at the heart of true home making is aroused by text or illustration then this magazine is performing its full, fine function.

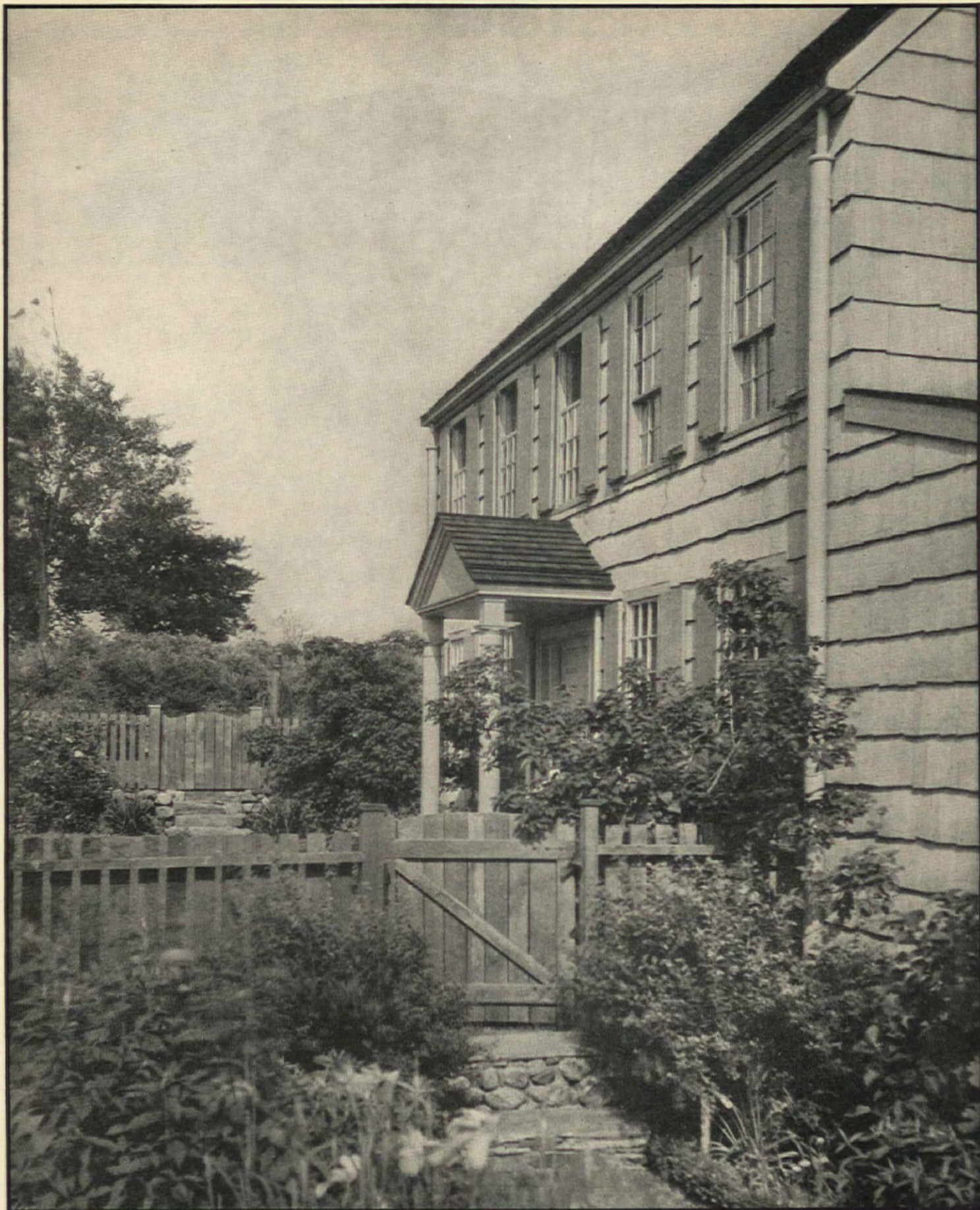
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Residence of Mrs. Roger D. Sperry, Middlebury, Conn.; Cameron Clark, architect

Van Anda

Fortune turns in at the smiling gate
—Chinese proverb

If I were decorating the living room in a small home

by
LURELLE
GUILD

WHAT a thrill of planning and plotting lies in the words in the title of this article. And how few of us there are who have never experienced the joy, if only in our dreams, of saying, "If I were to decorate a living room." Some of us, looking forward to the day when the dream will become an actuality, collect catalogs of furniture, fabrics, and accessories; others save pictures from magazines; and still others just dream pictures. Then that crucial moment arrives and we stand on the threshold of an exciting experience. We are really going to decorate a living room. What happens? Perhaps we go ahead and create into actuality our dreams. But perhaps we find that our dreams have not had enough anatomy to develop into something real; or maybe they have passed our control and become gold lined while our purses have retained their silver linings. Or again, faced with the Herculean task of pleasing all the members of the family and ourselves as well, we may grow faint hearted and put off what appears to be a labor instead of a joy.

It really doesn't matter if we have not a pile of gold, or a collection of pictures, or even dreams, for it is not difficult to create a room that through its sheer simplicity delights all who see it and draws forth their enthusiastic praise of your ability. It takes, to be certain, that same careful thought which the architect puts into the planning of your home in order to make it practical and at the same time



On page 92 of this issue we conclude the most popular series of articles we have ever published, Lurelle Guild's "Course in Furniture." Mr. Guild, who is a well-known decorator, artist, antiquarian, and author of New York, proved by this series that he had the confidence of our readers, and we have asked him to incorporate some of his practical decorating suggestions in a new series of which this article is the first.

This living room is illustrated in color on the cover of the magazine and every article which went into its decoration is shown on the next two pages.

beautiful. However, this article is not intended just for the reader who happens to be building a new home but for the many as well who have "that room" and are at a loss as to what to do with it.

We all are probably surfeited with ideas after a trip through the shops for there seems to be an unlimited number of new things with new purposes and at a price that will not strain even the thinnest pocket book. Never has there been such a flair for style and excellent design at such pleasing prices. It all opens a field of vast possibility for the person who has wished for a long time to "do over" certain rooms and the wise individual realizes that now is the time to act for the sake of pure economy.

Let us take the long suffering living room and illustrate it by practical application. No other room in the house aside from the kitchen perhaps is subjected to the wear and tear that falls to the lot of this room. Here, above all, we want style and character that will reflect the charm and hospitality of our abode together with that substantial craftsmanship and quality that will mean years of good service without apparent wear. There was nothing about this room before we started to make it at all distinctive. In fact, its irregularity seemed a handicap. Our first contribution was to the walls in the form of feather-edged vertical sheathing. Its mellow coloring is pleasing to every one and the restriction of it to the chimney breast gives no chance of the room becoming dark even though the windows be few. The plastered surfaces furnish the necessary light and accent and, if desired, may be papered to give color notes as well. Do not think that this paneling is expensive for it costs less than plastering, papering, and painting the same area in good quality materials. In this particular room the plaster was tinted a soft apple green that harmonizes with the honey coloring of paneling and

furniture. Every woman appreciates a paneled room for she knows that it gives her house distinction but every man feels the sturdy dignity of such a room and his keen judgment of values makes him doubly satisfied for he knows that the paneling adds far more than its original cost to the value of his home.

We must not let our enthusiasm run away with us, for there is more to plan than the walls. Random width oak floor boards were used here in keeping with the general character of the room and what could set them off to better advantage than the provincial plaid rug which has all the savour of early woven rug craftsmanship. The colors are green, to tie up with the walls; reds, for cheer; a touch of dull yellow and black for accent against a neutral ground. We were very fortunate, we believe, when we found for overdraperies a coarse linen that appears to be homespun with small irregular threads of wool woven through in inch squares in the identical colorings of the rug. For sash curtains a silky golden yellow that seems to send rays of sunlight throughout the room was used, and for privacy the lower sash is left closed.

The strong public demand for authentic reproductions of American furniture has resulted in excellent examples of the best craftsmanship. We have utilized by the sofa one of these pieces, a tuck-a-way table that folds in the best bridge table manner and occupies no more space than its modern equivalent but which was created by our forebears some two centuries ago to save much needed space in their primitive homes. So too by the fireplace is an upholstered chair which disproves the theory that all Early American chairs are uncomfortable. The original of this piece came from near the shore in Connecticut so we felt justified in upholstering it with a nautical chintz of maps and ships. Having done this we carried the marine note into a lovely print of a clipper ship to hang above the mantel. Here again we felt that the accent tied up with the atmosphere of our country when it was young and when its very existence and success was dependent on the sailing vessels.

The break in the chimney wall gave us a recessed corner somewhat cut off from the remainder of the room. For this reason we put the desk in this corner to make a writing nook where there would be some privacy even though others were in the room. We used a secretary with a broken pediment which is an accurate copy of a very old piece, and with it a chair of the period. This desk has ample writing space, room for any number of books, and four generous large drawers. Two large incidental tables appear, one of the trestle type placed beneath the window to hold plants and decorative glass, and a butterfly table against the side wall for books and a lamp. Beneath the dignified banjo clock is a Pilgrim chair that again gives an authentic note to the style of the room. In fact every item in the room even to the andirons and bellows for the fireplace has been selected with the idea of harmony in period and coloring.

THE placing of lamps has been studied out to be most practical for all purposes and the selection of the individual items has been made for type and color. Sconces of Colonial design have been located at either side of the window and, with the desk lamp, take care of the general lighting of that entire end of the room. The incidental placing of a well-designed tea service is not only decorative but symbolizes the hospitality of the home through the charm of the tea hour.

A tiny footstool, more often known as a "cricket," has a hooked rug top and, true to tradition, appears "on the hearth" to bring luck to the household. A larger stool of chair height was put in the room for its serviceable qualities although with its gay floral needlework cover it becomes an object of great decorative value. A stool of this sort has a thousand uses and when once you have learned its value we predict that you will never again "do" a room without including one or more.

We could go on indefinitely but we must not. This is one room and yours is another but the problem is the same with small personal variations.





Drawings by the author

Plastered walls tinted a soft apple green harmonize beautifully with the honey coloring of the vertical sheathing and form a perfect background for the authentic reproductions

of American furniture selected. In keeping with the character of the room a provincial plaid rug in green, red, yellow, and black and coarse linen window draperies are used

While, of course, this room is but a single example and everyone's problem is different, yet basically all living rooms of a type such as this Early American one have much in common.

We love to study illustrations of charming rooms. Many of them in their entirety are too costly, perhaps, for our modest purses, yet very often a careful perusal will yield an idea for a certain unusual curtain treatment or give us real help in solving a problem of furniture arrangement. While

the object in an illustration may be an antique or an heirloom that is way beyond the reach of our modest purse, yet with the illustration to go by we can probably find a reproduction of it—for the furniture manufacturers of to-day are adepts at reproducing what was best in the furniture of our forefathers.

A list of the firms who coöperated in lending us material for the illustrations and for the cover design follows on page 109.



Summer

by JANE WHITE

Member of the

"Slip covers are easy to make,"
directions. The chintzes illus-

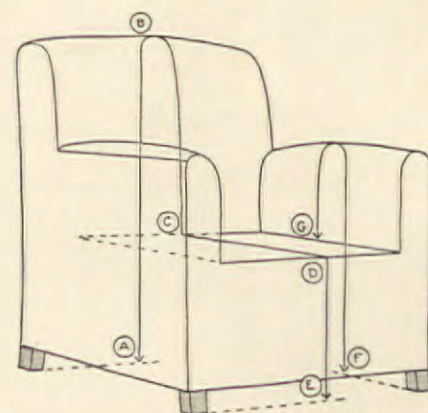


FIGURE 1

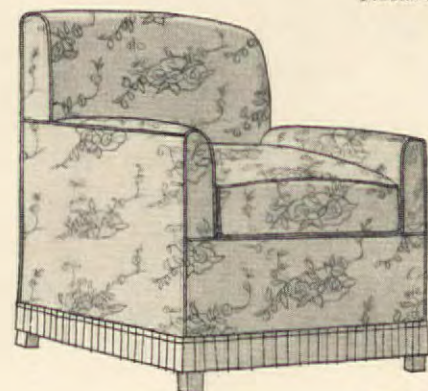


FIGURE 4

IN MY opinion it is an economy, in the long run, to have two sets of curtains and slip covers; one set for the late autumn and winter and one set for the spring and summer. Just as Nature changes her dress with the changing seasons so should we reconstruct and refurbish our decorative scheme. A change of scene is as good as a spring tonic—or as cheerful as the first fire that crackles on the hearth in the fall.

Besides the delightful possibilities suggested by the two sets of slip covers there is always the item of economy. Slip covers protect your furniture from excessive wear and if they are changed twice a year their length of life will be greatly extended.

In an article in the last issue of THE AMERICAN HOME we told you about the new patterns and designs in curtains and also outlined the making of them. This month we're going to describe the latest decorating ideas about slip covers and show you how they can be made at home.

There are two uses for slip covers that we shall consider in this article: as attractive decorative covering in the informal home and the all-year-round house and as an alternate to the upholstered furniture; and the other use is as a protection to the winter furniture against the dust of summer in the city apartment—making them attractive if the apartment is to be occupied during any part of the summer or just plain dust covers should the apartment be closed all season. When we speak of slip covers we always think of covers for chairs, sofas, etc., but there is another and really important use for slip covers, that I shall just mention but which I shall not go into details about, and that is for protecting winter curtains from dust and grime so that they do not have to be taken down if they have been hung in a difficult and intricate manner.

In our suggested use of slip covers in the informal home and all-year-round house let us first plan the room; taking for granted that slip covers are to be used, let us consider the balance of the room. Just for example let us say that we have a striped wallpaper, gay chintz window curtains, a large sofa, four easy chairs, and some other incidental pieces. The large sofa we shall cover in gay chintz to match the curtains because they are at opposite ends of the room. This gives us a nice balance and, besides, this large expanse will look better and will very likely show less wear and fewer wrinkles if covered with a figured or striped material. However, since our walls are striped we are restricted to a figured material. Two of the chairs we shall cover in chintz and the other two in plain material, taking one color from the chintz and using binding, bands, or ruffles of one or more other colors found in the chintz, thus making harmony without monotony.

In choosing material for both curtains and slip covers when they are to be the only set do not get anything too pronounced for you will soon tire of it and you will be unable to change from time to time the little accessories such as vases, flowers, bindings of books, etc., that lend variety to the color notes of your room. If you can have two sets of slip covers have them very different so that you get the full benefit of a change. Variety lends interest.

For attractive slip covers for



Photos by M. E. Hewitt

To have a professional air your slip cover must be trim, smooth, and well fitted, and clear the floor by about two and a half inches. In a room with gayly patterned wallpaper a plain color for the slip cover is advisable

See end of article for description

Chintzes

LONSDALE

Decorators' Club

says the author. Just follow her
trated are new—and inexpensive

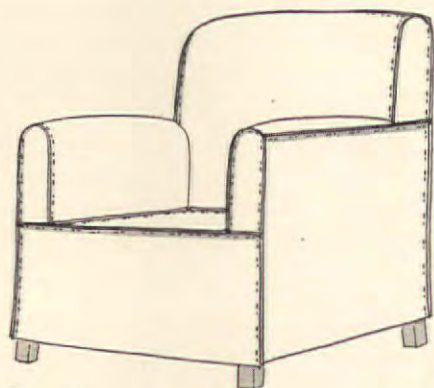


FIGURE 2

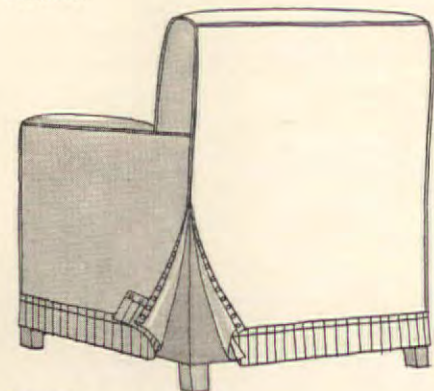


FIGURE 3



Rooms decorated by the author

The making of a slip cover for a love-seat may be just as readily attempted as one for an individual chair, for the same principles of measuring apply. Besides protecting the furniture the slip cover adds a decorative note

the apartment in town for the summer the copy of Fortuny, shown in G at the end of the article, is an excellent choice as it is dignified and the men of the family will not find that it creates too feminine an atmosphere. If the apartment is to be closed for the summer just plain simple material or inexpensive chintz may be used, and for these covers the plaited ruffle can be omitted.

Chintzes A, C, F, and H (see letters at bottom of photographs) are suitable for slip covers for the living room, the dining room, or the library. G is a copy of a Fortuny, coming 36 inches wide, in several colorings and reasonably priced. C is a new 50-inch chintz retailing for less than \$1.50 which is a great boon. In F we find the striped effect and in A the positive design which must have due consideration when the fabric is being planned and cut. For a bedroom, morning room, boudoir, dressing or powder room there are many suitable designs but I can only show you two, which are cuts E and H. E gives us the big striking design which is most effective and H the modest, small design which, too, has its important place in the slip-cover world. All these chintzes are guaranteed to be sunfast. The fabrics illustrated are all domestic and those of us who feel especially patriotic should have many slip covers this spring first to cheer up our houses and secondly to encourage the use of home productions and industries. Of all the materials illustrated none do I feel is outside the family budget as they range in price from 45 cents to \$1.30 a yard.

The drawings on these two pages show how slip covers can be made at home if one has even a slight knowledge of sewing. The simple word picture in the following paragraphs explains the principles of slip-cover making and the drawings illustrate the steps in the process as well as the completed job.

The first consideration in slip covers, as in curtains, is in the making of accurate measurements. To illustrate, we shall use an armchair but the same method is applicable to a chair without arms.

Starting in the center of the back on the floor at *a*, Figure 1, bring your tape measure up to the back of chair to *b*. Measure from *b* to *c* (allow 3 inches for tucking in), measure then from *c* to *d* (again allowing 3 inches for tucking in) the depth of the seat, then measure the front from *d* to *e*. For your cross measurements start with *f* and measure over arm into the inside of chair to *g* at seat bottom adding 3 inches here also for tucking in. You repeat or double this measurement for the other arm. To the total of these measurements add 1½ inches at each letter junction for seams. Although measurements are taken from floor (except for dust covers) for smart slip covers the bottom of your ruffle should clear floor by at least 2½ inches. To illustrate follow these measurements hypothetically and you will be able to cope with any chair problem: *a* to *b* measures 30 inches, back *b* to *c* measures 27 inches, allow 3 inches, seat *c* to *d* measures 21 inches, allow 3 inches, front *d* to *e* 13 inches, *f* to *g* 37 inches, 3 inches for tucking in measurement for one arm, repeat for second arm. Reduce the (Continued on page 110) F



See end of article for description



You may have to turn to the host of daisylike flowers to help solve your problem if the situation is exceptionally arid. And they are showy and will prove real friends in your garden

WHAT problems the dry, scorching days of summer present! To keep the garden carrying on with bounteous bloom and good foliage during this trying period presents to the gardener a situation that is somewhat difficult to handle. To many of us, it is the most troublesome phase of our gardening activities.

About many gardens there are sun-baked spots, where it is extremely difficult to get the usual garden plants to thrive. Frequently we find spaces lacking in fertility—spots that for one cause or another, we failed to prepare properly when the remainder of the garden was given attention. For such situations, plants adaptable to poor soil, and known to thrive under adverse conditions of heat should be selected.

During the dry periods would be an excellent time to do a little stock-taking. It would be well to observe, over a long period, the manner in which our plants have reacted to the dry weather and heat. If the planting is an extensive one, we may find a number that have given a creditable account of themselves, but we will likely find a greater number that have utterly failed us, or are producing, sparingly, flowers of an inferior quality. Let us not trust our memories in this matter, but make a list of the plants in the order in which they have withstood the summer heat. Such a list would aid us materially in correctly shifting the material already in our gardens, as well as in making up our selections for the following season. But if the plants

WHEN YOUR GARDEN IS Dry and Sunny

by BEN ARTHUR DAVIS

have been disappointing and did not respond to the care that we employed as we expected them to, we should be cheered by the fact that there is available ample material that will bear up successfully under the most trying conditions of summer weather. These plants will not only cover the unsightly bare spaces with their excellent foliage, but will give us as good bloom as many others do under wholly favorable conditions of soil and moisture.

This drought-resisting plant material covers a rather wide range, running from the ground-clinging *Portulaca* and *Mimosa* to the Sunflowers and Daisies, six to eight feet high; enabling us to find plants suitable for a variety of employments. Many are found in both annuals and perennials.

Due to the great variations of conditions of soil and humidity, it cannot be expected that all plants listed will prove uniformly successful in all sections of the country. From those listed, we will doubtless be able to find sufficient material to meet our particular needs. But even these dry-weather plants, to get the best results, should have a little attention. We cannot hope to plant them, and forget them, and then get the same response that would be ours if a little cultivation, a little fertilization, and during the worst periods, a little water, are given the plants.

A SELECTION of border and edging plants for sunny situations follows: *Ageratum* (Dwarf), *Alyssum*, *Aster* (Dwarf), **Convolvulus minor*, *Dianthus*, **Eschscholtzia*, *Gaillardia*, *Godetia whitneyi*, *Iris* (Dwarf), *Leontopodium*, *Lychnis haageana*, *Lychnis viscaria splendens*, *Nasturtium*, *Oenothera missouriensis*, *Papaver nudicale*, **Phlox drummondii*, **Portulaca*, **Sedum*.

Medium height plants for sunny situations are: *Achillea millefolium*, *Ageratum*, *Anthemis tinctoria*, *Aster*, **Asclepias*, *Calliopsis*, *Calendula*, *Coreopsis*, **Dimorphotheca*, *Euphorbia*, **Four-o'clock*, *Gypsophila paniculata*, *Hemerocallis*, *Impatiens*, *Lychnis* (Jerusalem Cross), **Perilla*, *Princesfeather*, *Rudbeckia purpurea*, *Sedum spectabile*, *Veronica*.

Tall background plants for sunny situations are as follows: **Aster* (Michaelmas Daisy), *Cassia marilandica*, *Echinops*, *Helianthus*, *Klondyke Cosmos*, *Rudbeckia* (common varieties), *Spiderflower*, **Yucca filamentosa*.

Trailing plants for sunny walls and terraces: **Mimosa pudica*, *Callirhoe involucrata*, **Mesembryanthemum*.

If our plants are unable to withstand the devastating heat of the summer sun, let us not find fault with the plants. It is rather the fault of the planter for placing them in situations for which they were altogether unsuited.

Much can be done, it is true, by proper preparation of the soil, and the judicious use of an artificial watering system, but at the best, our efforts will meet with only a moderate degree of success unless we give thought to the type of plants selected, weighing well their natural requirements.

**Plants marked thus are suitable for unusually dry and hot situations.*

WHEN YOUR GARDEN IS Moist and Shady

by JESSE F. GOULD

NEARLY every garden has some spot more or less shaded by a tree, a hedge, a house, or a fence. To plant these portions successfully in varying denseness of shade is always a problem. Then too, the cause of the shade must be taken into consideration, as there is a difference between growing things under trees and shrubs, with the constant competition of the roots of these, and in the shadow cast by a building, wall, or fence. In the former case the root systems of large trees and shrubs will absorb most of the moisture and fertility of the soil, starving out the weaker plants under them unless an additional amount of water and plant food is given. In planting such a place the earth must be specially enriched and facilities for watering furnished.

Often heavy boards or bottomless metal tubs or pails are sunk in the earth in front of the trees and shrubs, through which the stronger roots cannot penetrate. A moderate root pruning of these trees and shrubs on the side on which the planting is to be made has never seemed to injure them.

For the deepest shade Mosses and Ferns should be chosen. We find plants growing in the shade and the deep shadows of the forest in rich, moist leafmold. They belong to that class of flowers that complete their life cycle in the spring-time, budding, blooming, and receiving their needed light and sunshine before the leaves of the trees have become large enough to cut them off, and spending the rest of the season drowsily resting in the cool shade of the protecting trees above them. Among these are the Hepaticas, Anemones, Dutchman's-breeches, Bloodroots, and some Violets. So for early spring bloom, especially under trees and shrubs where rotted leaves can be mixed with the soil and water given, these are excellent subjects to use.

Many of the early spring bulbs will succeed here, groups of Scillas, Snowdrops, Grape Hyacinths, and Narcissus making the season interesting, though they will not bloom as early as they would if growing in a sunny place. Yet this is an advantage, for by having some of them planted in full sun, the blooming season will be prolonged. As the foliage of the bulbs dies down after the season of blooming is over, it is well to plant some shallow-rooted shade-loving

plant about them to cover up the bare place, and also to act as a warning not to dig there and disturb the bulbs. For this purpose, as well as for edgings, Forget-me-nots, Phlox divaricata, Moneywort, Arabis alpina and albida, and Vinca minor are excellent to use.

The hardy Primroses (Polyanthus) are among our very best perennials for edging plants for early bloom in semi-shade. Their gaily colored clusters of flowers in yellows, golden browns, reds, and white are always a joy in May, when such an array of color is a delightful surprise to the person unacquainted with them. Other early bloomers among the perennials of low growth are the blue Polemonium reptans, Lilies-of-the-Valley, the pink Saxifraga cordifolia, dwarf Iris cristata, and native Wood Violets.

For early season bloom in the middle border in shade there are many plants from which to choose. The lovely Mertensia will lift its blue bells, fading to pink, surprisingly early. Jack-in-the-pulpits, Trilliums, and the rare American Cowslip (Dodecatheon), will thrive and increase and seem most happy planted among the ferns. The Giant Buttercup (Trollius) and the early varieties of Hemerocallis will add to this border wonderful shades of yellow. Planted with Hesperis in white, lavender, and purple, a most colorful spring picture can be created, the necessary touch of pink being added by the well loved Bleeding-heart.

NEARLY all of the summer blooming edgings in shade carry on till cut down by frost, so we group these with flowers of autumn. Among the best are Violas and Pansies, Campanula carpatica and rotundifolia, the dwarf Bleeding-hearts, Heuchera, among the perennials; and in the annuals Lobelia, Ageratum, Torenia, and Sweet Alyssum. The Tuberous Begonias will add much to any part of this planting that needs rich color. For late August and September effect the various Hostas are invaluable, thriving, as they do, in dense shade.

Planting the shaded middle border is no problem, as there are so many summer bloomers that really prefer that situation. The late varieties of Hemerocallis, Columbines, Foxgloves, and Monarda will add beauty to it, and many of our Lilies prefer some shade. Among the Ferns and Thalictrums, our native Cypripediums spectabilis, acaule, and pubescens will find a congenial setting, if given acid soil, and Astilbes and Spireas will brighten the whole border with their plumes of pink and white. (Continued on page 105)



When shade is the result of screening on the light side there is no lack of variety in habit of plant and color of flower to be used. But shade under trees, etc., is another problem



Keppler

Sheets are now de luxe products as modern housekeepers demand that they shall be long enough to tuck in well at the bottom and to turn over generously at the top as a protection to the blankets. For the styles shown above, all of exquisite quality, and procurable in either all white, in a wide range of delicate pastel colors, or with colored hems, we are indebted to: The Pequot Manufacturing Co., The Wamsutta Mills, Utica & Mohawk Cotton Mills, The Pepperell Manufacturing Co. who also make the Lady Pepperell line, and The Cannon Mills

Sheets—white and rainbow tinted

Essential facts of a Well-Made Bed

by DOROTHY STACEY BROWN

OF ALL the problems which daily face that expert purchasing agent, the American woman, one of the most difficult is shopping for sheets. Let us say that she is buying them for the room belonging to two young and turbulent sons of the house. She must select goods that will give the longest wear, keep smooth and firm through constant laundering, fit the beds after shrinkage and come out unscathed from tugs of war and pillow fights—all at a price within the range of her budget.

If from the smooth, attractively packaged piles of cotton that greet her on the department store shelves, the confusion of sizes, of makers' names, the surprising range of prices, she chooses the goods of a well-known, nationally advertised manufacturer with a reputation worth keeping up, some of her difficulties are solved. But, even so, she will want to know just how his sheets are superior to others at perhaps lower prices, and even within a chosen make there are questions of size, weight, and variety of purpose which she must be able to answer. A few facts, supplemented by experience, will soon show the housewife how to avoid inferior goods and obtain the greatest return in economy.

What makes quality in a sheet? First, the length of the cotton fibre. The longer the fibre, the longer the life of the sheet, for short fibres soon pull out and weaken in the laundry, showing the process by a fuzzy surface that holds stains and is unpleasant to the touch. This extra length and quality of cotton is one of the hidden excellences included in the higher price of a good sheet, but almost as important is the closeness with which the threads are woven. The number of threads to the square inch is easily counted under a moderately strong magnifying glass, or the density of the fabric may be judged by comparing three or four different grades. A sheet made by a reliable manufacturer will be closely enough woven for long wear, yet in the laundry soapy water will flow through easily and dislodge the dirt without injurious rubbing.

THE smooth, firm appearance natural to good sheets is imitated in poor ones by a false filling of china clay, which will come out in the wash, leaving a sleazy fabric with little or no wearing quality. If a sheet is low in price, but has one very shiny side while the other is dull and rough, if holding it up to the light shows threads far apart and a plaster-like filling in the spaces, you may know it is not worth buying. Also, good sheets have strong, unwrinkled selvages and well-sewn hems, sometimes closed at the corners for extra reinforcement.

Weights and weaves of good sheets vary from a sturdy fabric whose threads count 64 x 64 to the square inch to the luxurious percale with its fine, tight weave and smooth finish. Many housewives find the 64 x 64 sheet a good choice for the children's rooms, while (Continued on page 104)



Place the narrow hem at the foot of the bed



Tuck the sheet securely under the head and foot



Miter the corner by first forming a triangle



Drop triangle and tuck under to finish the miter

Courtesy, Pequot Mills

Impromptu meals from the cabinet shelf

by BETTY THORNLEY STUART

MARTIN was born neither in the city nor in the country, but in one of those towns just the size of your heart where anybody, unless he was nobody, knew everybody else. Martin's father was the hospitable sort who was apt to bring two or three friends home to dinner any day. Martin's mother was the easy-going kind who never kept a budget, nor lost a servant except by death or marriage.

But Martin's wife's background was so different that her first year of married life left her bewildered. Her mother was a widow and a professional woman. She herself had been a teacher. Their friends never dropped in, nor were there spur-of-the-moment invitations. All of which meant nothing to Martin who set out blithely to carry on his own family tradition of asking Tom, Dick, and Harry to take potluck. That first year was polka-dotted with occasions on which Marion felt ashamed or enraged, or just frankly stumped.

It was bad enough when they lived in a city apartment, round the corner from a delicatessen. But when they moved to a suburb where the nearest shopping district was blocks away, something had to be done about it. You couldn't have the heart to do it to Martin, eternal boy as he was, so pleased with his impromptu dinner parties. Marion had to do it to herself, her viewpoint, her whole system of handling guests.

The first step was mental. What did people come for? Primarily because they liked to be with Martin; only secondarily for food. Eat they must, but so long as she made a chore of getting formal meals, they'd never find a hostess who matched the host.

Simplification of menus was the first step toward successful last-minute entertaining.

The second step was mechanical—becoming so letter-perfect in a few foundation recipes that whisking them together was almost automatic. Marion chose a pet devil's food cake of her own, a ginger cake that grew on Martin's family tree, a spice cake she got out of an advertisement, a nut-bread that one of her friends told her about, and she practised these until she could have made them in a tornado without batting an eye. Finding herself running round the kitchen for ingredients, she worked out a shelf arrangement that kept the things for these cakes all together—including measuring cups, measuring and mixing spoons, bowls, and tins. She always baked some of the mixture in tiny gem pans, topping the varieties that called for it with a quick-setting icing. As to which cake was chosen for any given occasion, that, of course, depended on the rest of the menu. Often she didn't have to bake because she had cake enough on hand or planned a dinner that didn't call for it.

"On hand" suggests her life-saving roll of pie-crust—the quickest to make—always parked in the refrigerator protected with waxed paper against hardening. This might turn into lemon tarts, mock cherry pie made with cranberries, chocolate pie, or just an apple turnover for a midnight snack after the movies. Or it might figure as the top of a meat pie, or go round a string of little sausages for "Pigs in Blankets."

BUT the crux of the situation could not be met at the end of the meal. It began with the soup. Here Marion discovered that, when the pot had run dry, you could fall back on the can without anybody knowing it, if you were a bit extravagant about cream. She grew so used to compliments on her cream of pea soup that she felt cheated if they didn't come, yet it was only the most popular canned soup on the market, mixed almost half and half with cream. The same thing went for tomato, asparagus, and celery, with or without a blob of whipped cream on top. A discovery

of her own was that the skins and stem-ends from mushrooms, boiled up, strained, thickened, and given a dash of cream made excellent mushroom soup from an otherwise waste product. This same mixture, combined with chicken soup left from the pot or dumped out of a can, could be trusted to win similar approval. Marion always orders her favorite canned goods by the dozen. As her kitchen is small, one can of each only goes on the Emergency Shelf, its mates being kept in the storage cupboard for use at a future time.

(Continued on page 107)



Stadler

With her emergency cabinet well stocked with a variety of the delicious and easily prepared food products now available, it takes but a flash of imagination and very little time on the part of the authoress of this article to whisk up a full course dinner that will be certain to win praise for her

First aids for brides

Kitchen time-savers

On the list of essential kitchen equipment should be a covered roaster, a double boiler, several saucepans, oven glass baking dishes, a heavy frying pan, a food chopper, a can opener, and a carving knife that can be kept sharp. (Stern Bros.)



by HELEN ANDERSON STOREY and CAROLINE DAVIDSON

WE WERE exchanging experiences, Peggy and myself. Both of us, married two years ago, had started in home making at about the same time, but in different cities. As we laughed over the foolish mistakes we had made, it occurred to us that many of them could have been avoided if we had had a little friendly advice. The young bride, we both discovered, tends to pattern her new home after her mother's, a practice which has its disadvantages, for the bride's is a smaller home and a newer one, and times are constantly changing.

"I remember when I bought my roasting pan I picked out one just like mother used to have for a family of six," said Peggy. "And when I got it home it was so big that it would not even fit in the oven. So I took a ruler, measured the inside and got a roasting pan to fit. At that it was the smallest made!"

"I bought a 'dripping pan' without any cover for roasting,"

I returned, "because that was what my mother had used. Then I discovered that the roast had to be basted every fifteen minutes. It was too hard work, so I decided not to have any more roasts until I found that everyone uses a *covered roaster*, which is self basting. The dripping pan then went to the cellar."

Kitchenettes are tiny and dining rooms in many houses are disappear-

ing. To the brides of this year or any year, for that matter, our advice would be: start with the minimum of household equipment and buy the things you actually need as you need them. In that way you avoid crowding your rooms with things you almost never use. Peggy got a whole lot of cake tins and then found that her husband didn't like cake, and it was really cheaper to buy a small one

already made, anyway. I bought three heavy cast-iron frying pans of different sizes and found that I seldom use but one of them. These days we broil more than we fry, and a broiler usually comes with the gas range.

When we came to compare notes as to the actual essentials for cooking, we found that we pretty nearly agreed. Several saucepans are necessary: one- and two-quart sizes, with a large one for spinach and pot-roasts. A double boiler, if it is the right shape, serves a variety of uses, for each part separately can



It is of primary importance, of course, to select equipment that is well designed and durable, but with the lovely colors now obtainable in kitchenware there is little excuse for not having a beautiful as well as an efficient kitchen. (Budget Home, John Wanamaker, New York)

be used as a saucepan, and together they cook cereals, rice, white sauce, custards, to the utmost advantage. Choose one that is rather broad on the bottom, both inside and outside pieces. Enamel ware and aluminum ware, we discovered, both have their merits, and the best way to keep aluminum bright and shining is to polish it with steel wool. If one chooses enamel ware it should be of a good quality to make it durable and not easily chipped. Oven glass, we agreed, is perfect for casserole dishes and pie plates, because one can look through it and see just how the things are baking and it is so decorative that it is splendid for serving things at the table. Peggy told me she had the brilliant idea of broiling a steak on the oven-glass platter which she got for a wedding present. Right in the middle of the broiling it cracked and fell apart. Oven glass is not unbreakable and it will not stand direct heat.

BUT after all," said Peggy, one of the one most important pieces of kitchen equipment for the bride is a good can opener. Mine cost about seventy-five cents, but it has more than earned its cost in quick, clean incision of even sardine cans when the key has been lost or broken—and that's a real test! It has a wooden handle and a cutting wheel on the inside with a cog on the outside. The wheel runs right around the edge of the can, cutting it cleanly.

"And a carving knife," I added, "that is *sharp*. I remember the first leg of lamb we had was all cut up in ragged pieces." Peggy said the best knife sharpener she ever had was of the long tapering kind, made of a rough material with a composition rubber handle. "If one has a good sharp knife, a secondary cut of roast beef looks just as well as a first-rate one," said Peggy.

Convenient ice-box dishes in china or glass for stowing food away we found very useful. Everything in the ice-box should be kept covered, especially milk and cream and butter, which are very sensitive to outside

flavors. These ice-box dishes have flat covers and are made in graduated sizes so that they can be placed one on top of the other without falling off. One set I have is of china, decorated with charming little silhouette figures, and it is so good



Among the many useful electrical devices that should be included in the list of equipment for the bride's kitchen is an electric mixer. This will prove to be a true labor saver. (Sunbeam Electric Mixer)

looking that I use the dishes on the table for informal meals.

Two things we both want and haven't yet bought are a food grinder and one of those combination appliances that offer to do about everything for the ambitious cook, from squeezing out orange juice to beating up mashed potatoes to an unheard-of frothiness. We want a food-grinder because it will help in making meat loaves, salads, and all kinds of attractive concoctions of left-overs.

Broken dishes are one of the small tragedies which inevitably occur, especially in a new household, where the home maker is just beginning to get used to a new kitchen and equipment. Therefore, it is a great advantage if one buys a set out of open stock, so that pieces can be replaced easily.

Choosing furniture for the house, we both decided, should be done very slowly. Get only the necessary pieces first, and then add to them according to the special needs of those who are using them. The thing to do is to decide just what is really wanted, apart from the ideas and opinions of other people.

If one wants to get chests in which the drawers will not stick, chairs which will not fall apart, tables which will not warp or crack, and sofas which will not sag, the thing to do is to go to a furniture dealer of good repute who will stand firmly back of his products and if anything goes wrong

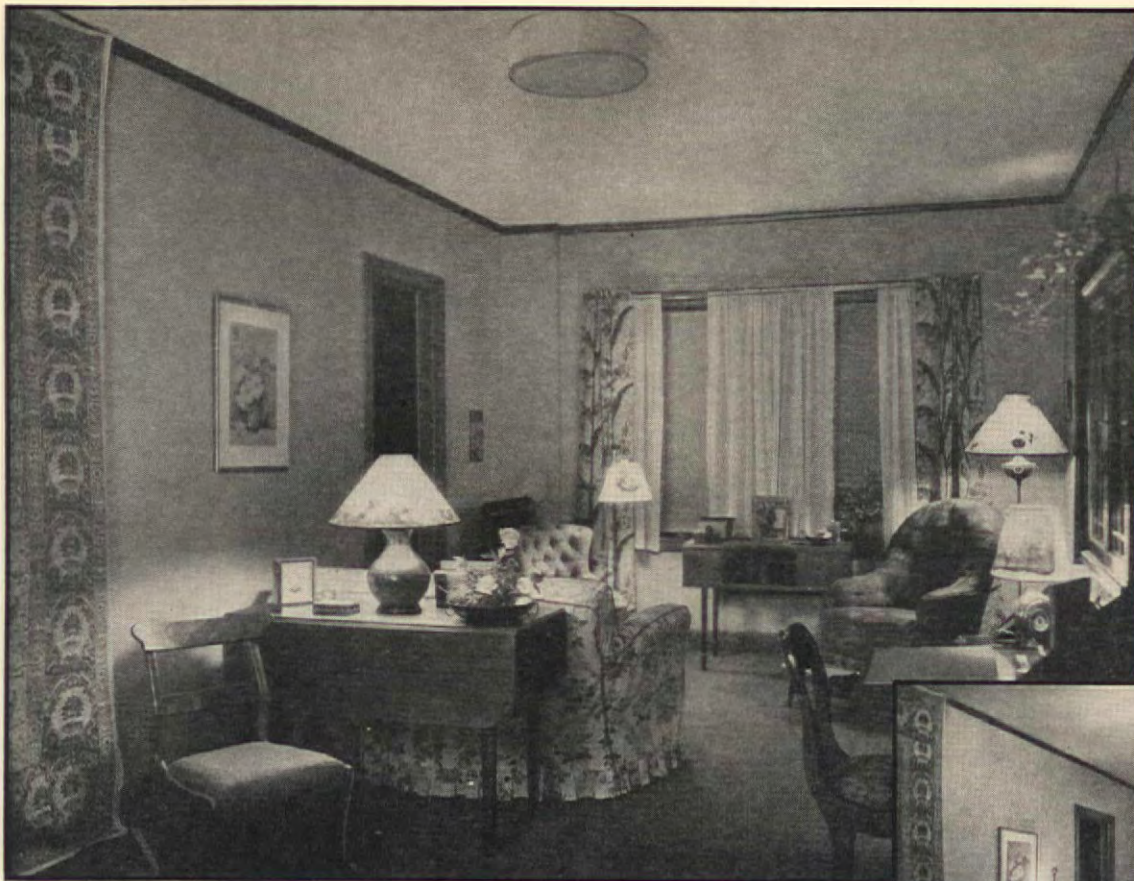
will not hesitate to make it good. Peggy had a sofa made to order by a cabinetmaker chosen chiefly because he was cheap. It took only a year for it to assume the most disreputable of appearances—and he refused to do anything about it! I bought a chest

of drawers from a very fine furniture manufacturer, paying a good price for it. When the drawers began to swell and stick they sent a man out to adjust them and we haven't had a bit of trouble since.

It seems unnecessary to remark that chairs should be comfortable, and yet we sometimes lose sight of that simple requirement and forget to give them a thorough test when we buy them. The more a piece is to be used, the more carefully it should

be chosen. A living room sofa, for instance, should be as "costly as thy purse can buy," for here quality is important. A dining room table should be so made that one can sit at it comfortably. We eat at a folding butterfly table, and its "overhang"—that is, the part of the top that projects over the base—is not wide enough, so that guests who sit at the side haven't sufficient knee room.

IF ONE has a fairly large allotment for furnishings, it pays to consult a good decorator. So many mistakes can be avoided by trained supervision, and so much unexpected beauty discovered. It doesn't cost you any more for your furnishings, because the decorator's fee comes from the discount allowed him or her by the dealer. But even without a decorator, the home maker can learn much through careful observation. Exhibit rooms in department stores, books and magazines on the subject (there is a new government bulletin called "Furniture, Its Selection and Use" which may be obtained for twenty cents from the Superintendent of Documents, Washington, D. C.), and observation of friends' homes, evaluating their good and bad points—all these are immense aids to the young bride in building up a background of knowledge so that she can make correct decisions.



Although the bridge lamp and pinch-bottle lamp in the far end of the room performed faithfully, they were not sufficient, and the living room as it was originally lighted (below) lacked both comfort and charm. What a vast improvement resulted in this room, however, after a study was made of the lighting possibilities. Adequate and well-directed local lighting was obtained by the addition of a table lamp and floor lamp and a parchment drum concealed the unsightly ceiling fixture for general illumination.



Lighting

Its use and abuse

The squatty little lamp on the dressing table was charming in itself but was frequently responsible for an alarming feverish-like complexion on only one side of one's face. To overcome this uneven lighting two fixtures were attached with felt-padded clamps to either side of the mirror frame about even with the face of a person seated before it. The bulbs were provided with shields to prevent glare. The wire leading to these fixtures was hidden behind the dressing table.



Hear ye! Hear ye!

Gentlemen and Ladies of the Jury

**All readers of The American Home are summoned
to judge our contest to pick the best \$10,000 house**

OUR architectural contest closed February 1st in a tremendous rush of plans and perspectives. At 5 o'clock the time limit for entries expired and when the contributions had been counted it was found that they reached the extraordinary total of eight hundred and thirty-three. For a magazine contest which was not advertised outside of our own pages this was believed to be an entry list of record proportions.

Naturally the work of the judges was extremely difficult. The editors were glad to have the assistance of two well-known architectural authorities, Penrose V. Stout and Chester B. Price, in selecting the twelve designs which we believed best met the needs and desires of our subscribers. The judges were at all times unanimous in their selections, but regretted sincerely the necessity for rejecting a number of designs which were of outstanding merit. However, twelve was the limit set and consequently eight hundred and twenty-one designs were regretfully returned to their authors.

On the next four pages you will find the first group of four designs. These will be followed by two more groups of four and when all twelve have been published readers of THE AMERICAN HOME will be asked to send in their ballots. The design receiving the most number of ballots will win the Award of Merit and \$500 in cash. The design receiving the next largest number of votes will be awarded the second prize of \$250 in cash, while the third prize of \$150 will be given the design receiving the third largest number of ballots.

We ask you now to study the designs as they appear, keep your magazines, and when all twelve have been published cut out one of the ballots printed in the right-hand corner of the page and send it in to us,

The designs of these twelve architects, selected from the 833 submitted, will be offered for judgment in groups of four in this issue and two succeeding issues of the magazine

W. M. Anderson,
New York, N. Y.

Leslie Arthur,
Yandell W. Nibecker,
Los Angeles, Cal.

Ross E. Bellah,
Office of Carl Jules Weyl,
Hollywood, Cal.

Robert E. Brown,
Los Angeles, Cal.

Alfred Cookman Cass,
New York, N. Y.

Otho McCrackin,
Hutchinson, Kan.

Richard William Moore,
Beechhurst, L. I., N. Y.

Lingane Rowe,
New York, N. Y.

Alex. C. Soper III,
New York, N. Y.

Steffens & Gustafson,
New York, N. Y.

Rees Weston,
New York, N. Y.

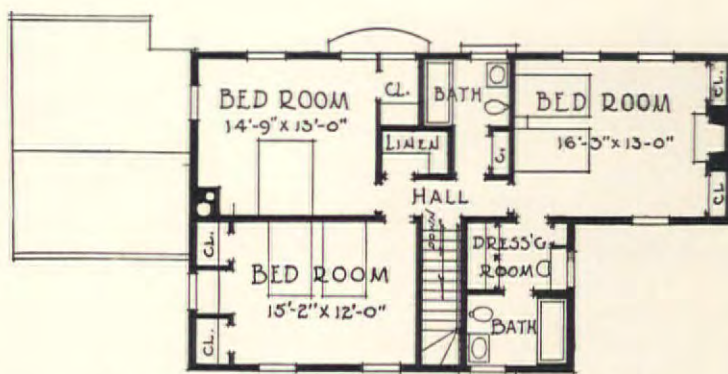
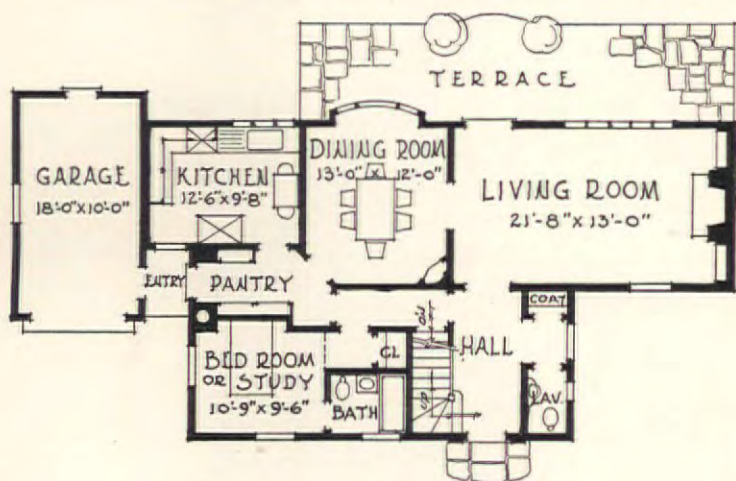
John Floyd Yewell,
New York, N. Y.

signed or unsigned as you wish. The twelve designs will be republished all together in the third issue of the magazine so that readers will have a chance to consider them as a group.

We are going to ask a jury of nationally known architects, residents of different sections of the country, to judge the twelve designs and select the one they think most deserving of merit. The names of this jury will be announced when their selection has been made. No extra award will be made, since this is a layman's contest and our readers' choice is final. However, it will be interesting to compare the selection of the architects with that of our readers.

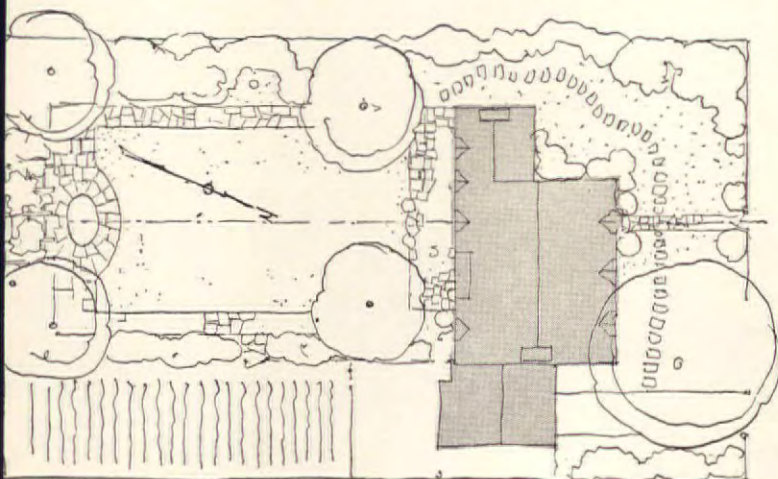
We are pleased to announce that the working drawings and specifications of these houses may be obtained by writing THE AMERICAN HOME, Garden City, N. Y. The price for these will be \$6 a room or \$36 for a 6-room house, counting only the living room, dining room, kitchen, and bedrooms as rooms. Bathrooms, halls, garages, and rooms in the cellar do not count. There will be a flat charge of \$10 for these drawings and specifications even if they are returned after consideration by the owner. In the case of a \$36 payment, \$26 will be refunded if the plans are returned to us. If a reader wishes changes made in the plans, the amount to be charged for such changes will be determined by the architect.

The estimates of the cubical contents of these houses have all been checked and all are reported to be within the 30,000 cubic feet required by the terms of the contest. Most of them could probably be built for \$8,000 to \$12,000. An architect or contractor in your vicinity can tell you what is the current rate per cubic foot for the construction of any of the twelve designs in your locality.



Heater rooms are planned for each basement; game rooms, etc., only as noted

• LIVING ROOM WING • 13' x 14' x 21' =	3822
• GARAGE WING 14'-9" x 19' x 13'-6" =	3783
• MAIN HOUSE 26'-6" x 32' x 22' =	18656
• BASEMENT 23' x 17' x 6'-6" =	2741
• BAY WINDOW, CHIMNEYS, ETC =	498
• TOTAL CUBAGE =	29,500

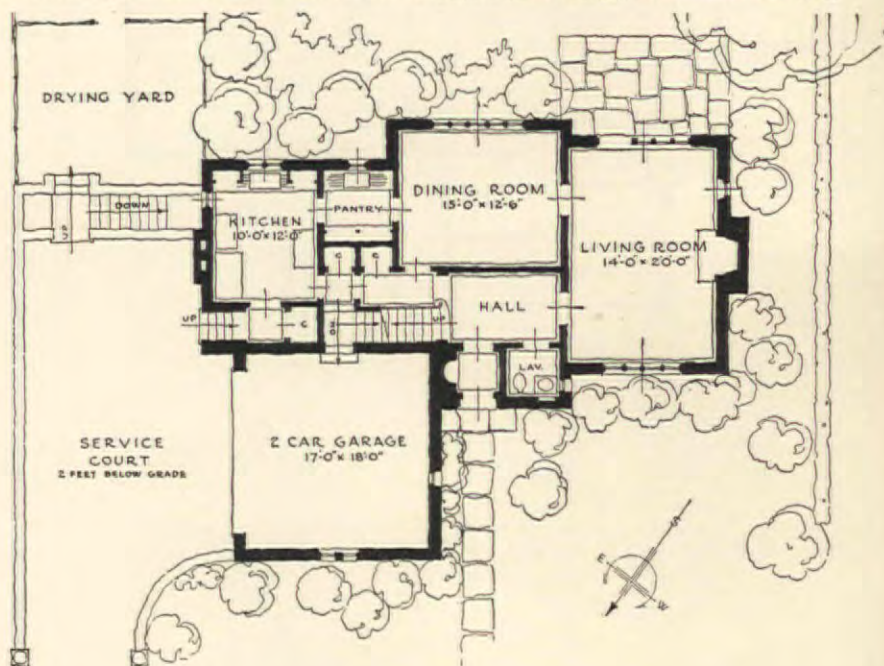
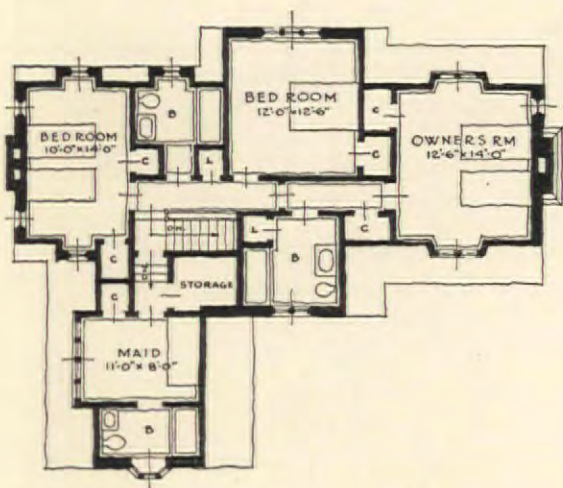


THE AMERICAN HOME ARCHITECTURAL CONTEST

One of the twelve selected designs

SUBMITTED BY
W. M. ANDERSON
New York, N. Y.

This corner may be used as a ballot if sent in, unsigned,
for any home included in the contest.



MAIN HOUSE	$22' \times 31\frac{1}{2}' \times 24\frac{3}{4}' = 17,151$
	$17' \times 18' \times 25\frac{3}{4}' = 7,854$
GARAGE WING	$19' \times 19' \times 14\frac{1}{2}' = 5,234$
ENTRANCE GABLE	$13\frac{1}{2}' \times 3' \times 24' = 837$
DINING RM GABLE	$17' \times 1\frac{1}{2}' \times 24\frac{1}{2}' = 609$
CHIMNEYS	341
DORMERS, ETC.	223
	<u>32,249</u>
DEDUCTION FOR UNEXCAVATED	
AREA UNDER LIVING RM. $15' \times 28' \times 7\frac{1}{2}' =$	<u>2,375</u>
TOTAL CUBIC FEET	<u>29,774</u>

Cubage includes game room
and laundry in basement

86

THE AMERICAN HOME ARCHITECTURAL CONTEST

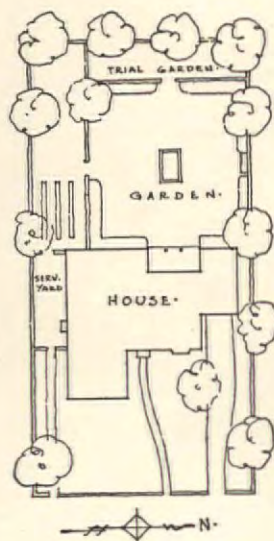
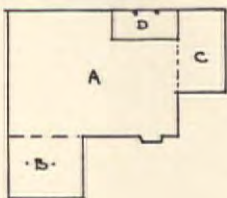
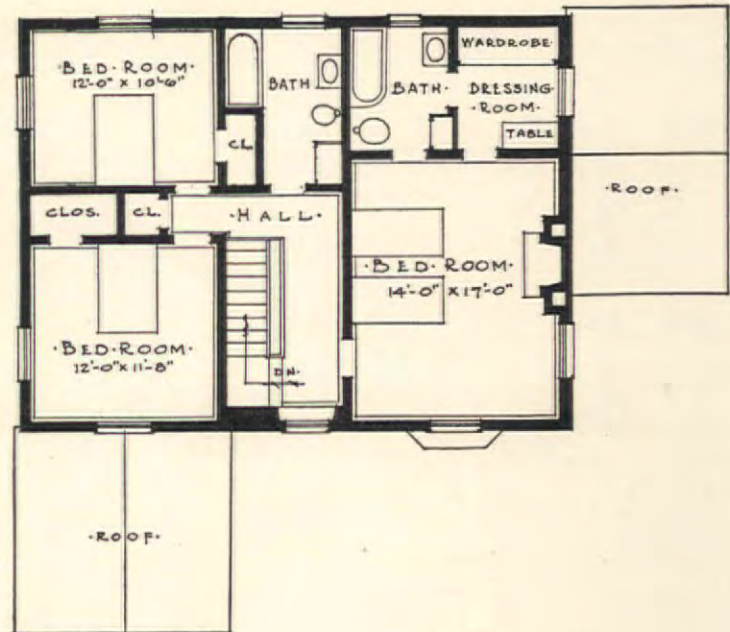
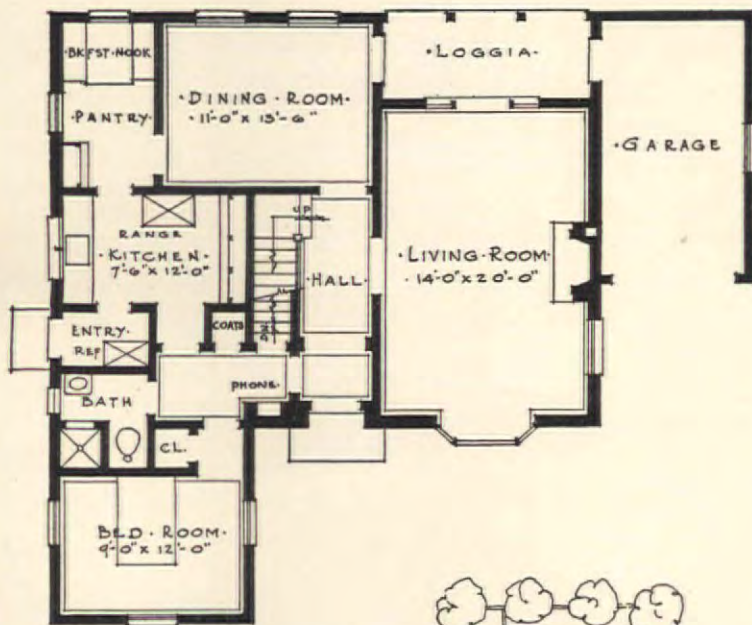
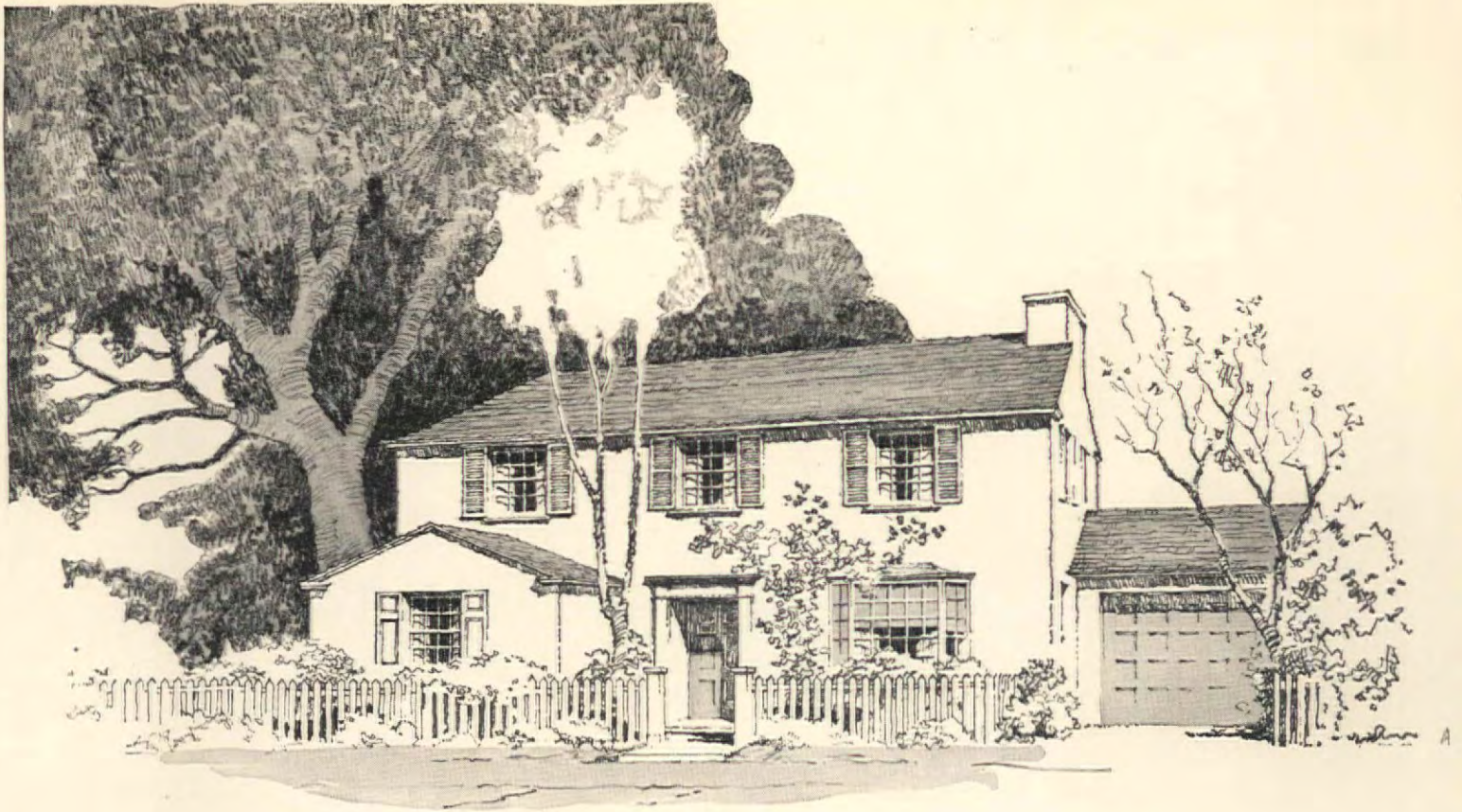
One of the twelve selected designs

SUBMITTED BY

STEFFENS & GUSTAFSON

New York, N. Y.

This corner may be used as a ballot if sent in, unsigned,
after you have judged the twelve selected designs



A - 36' x 27' x 27.5'	=	26 730
B - 13' x 13' x 11'	=	1859
C - 10' x 18' x 10'	=	1800
		<hr/> 30389
MINUS D - UNEXCAVATED PORTION OF BASEMENT 13.5' x 5.5' x 7.0'	=	519
		<hr/> 29871
BAY WINDOW	=	40
TOTAL CUBIC FEET -		<hr/> 29,911

Cubage includes game room and laundry in basement

Plans and specifications of these houses cost only \$6 a room. Read page 84 for full details.

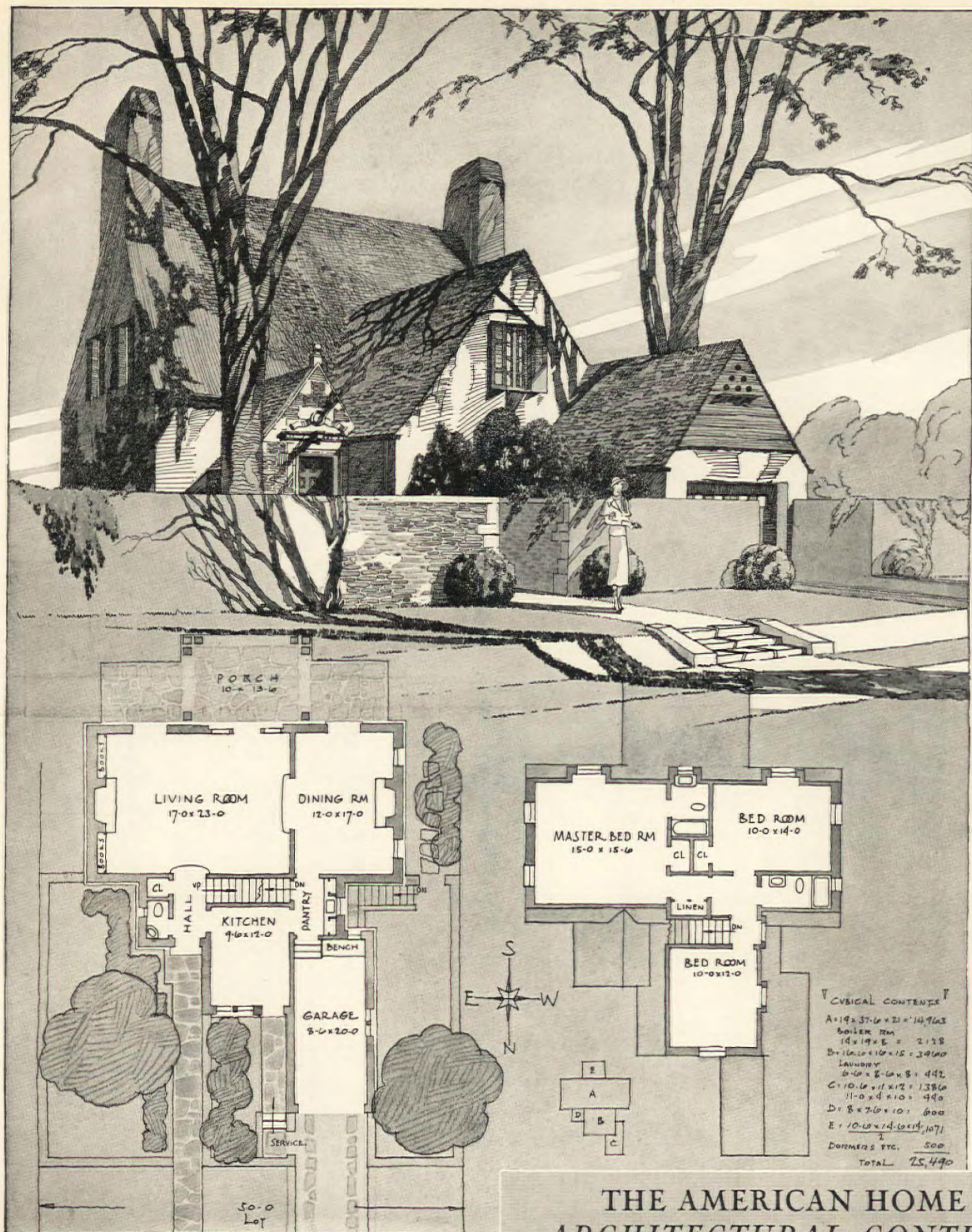
THE AMERICAN HOME ARCHITECTURAL CONTEST

One of the twelve selected designs

SUBMITTED BY

LESLIE ARTHUR and YANDELL NIBECKER
Los Angeles, Cal.

This corner may be used as a ballot if sent in, unsigned, for any home included in the twelve selected designs.



88

THE AMERICAN HOME ARCHITECTURAL CONTEST

One of the twelve selected designs

SUBMITTED BY
LINGANE ROWE
New York, N. Y.

This corner may be used as a ballot if sent in, unsigned, after you have judged the twelve selected designs.

The Perfect Dog

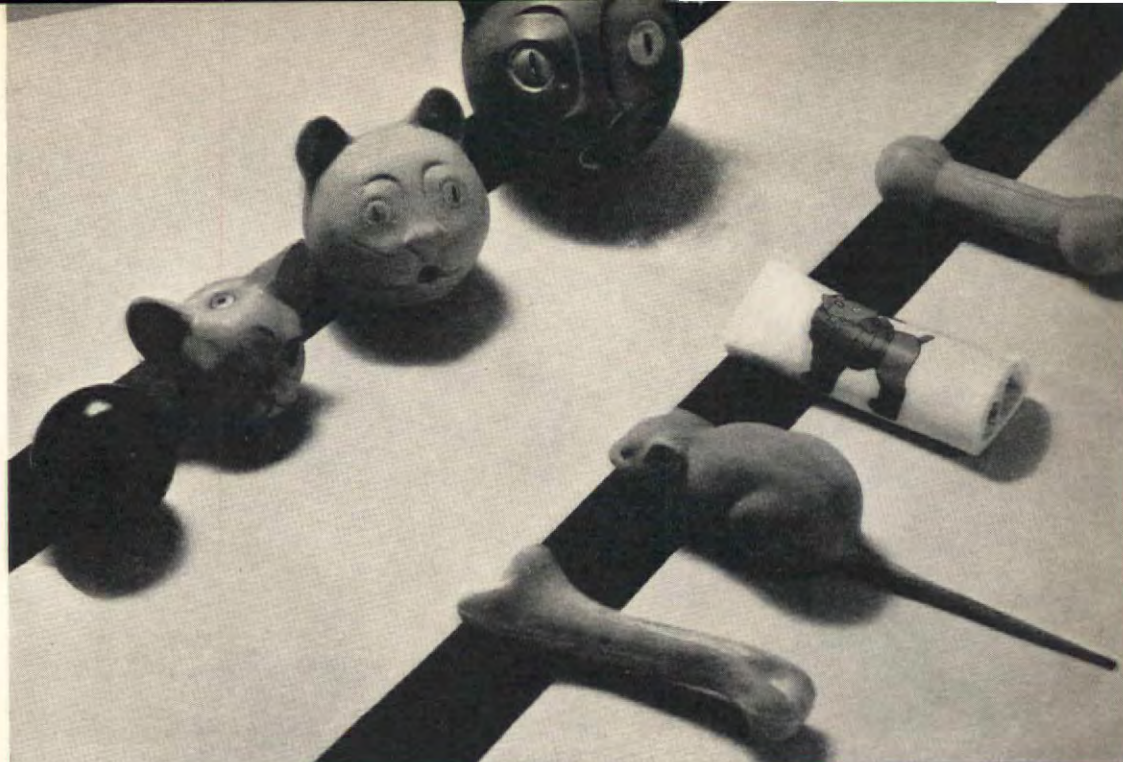
by MOLLIE AMOS POLK

IN THE "gay Nineties" the problem of finding the right dog was pretty simple. If one liked antimacassars, and rich, heavy furnishings, arranged just so, he bought a pug, or one of those fancy French poodles, ensconced him on a cushion by the fireside, and lo, the parlor was complete!

But somehow with the changing of tastes the pug and the poodle slowly faded into the background and only recently have returned to popularity. Revived interest in Victorian furniture has created quite a brisk demand for our chubby little friend, the pug, and there are indications that the demand for his confreres will respond in sympathy.

To-day, a rough survey of kennels, dog shows, and pet shops reveals an order of canine popularity something like this: wire-haired terriers, Scottish terriers, police dogs, and Irish terriers—with revived interest in smooth fox terriers and the growing popularity of the Schnauzer to lend new zest to the terrier list. But there is an infinite variety to choose from.

Altogether, the American Kennel Club now recognizes more than eighty breeds, showing as wide a variation



To amuse the canine member of the household there are rubber balls either plain or in the form of a cat's head or dog's head, rubber bones, a dumb-bell, and a mouse with a squeak. The hard bone is helpful for the dog cutting new teeth. (Stern Bros.)



The dog may have his very own first aid cabinet containing a pair of scissors, cotton, gauze, and two bottles for antiseptics. It is ivory with a green cross and a hand-painted dog on top. (Stern Bros.)

in their architecture and disposition as their prospective owners. Somewhere along the line there is a perfect dog for every household, but to make sure of getting that perfect personal pet, the prospective dog buyer should pause and ask himself the following questions: Is the dog to fit into a large or small home? Will his exercise be curtailed by city living conditions, or will he have the freedom of the country or semi-rural suburb? Is the dog to serve as companion to a child? If so, the child's temperament must be taken into account. A husky small boy will want a lively, rough and tumble playmate; a timid child, on the other hand, needs a

gentler dog. Or perhaps, the dog is to be the companion of an elderly person who would be bothered by uproarious barking—several breeds may be had which bark very seldom. Then again, a bark may be very desirable in a watch dog, and the fiercer it sounds, the better! Is the dog to be the exclusive possession of one master, or to spread his affections over the whole family? These are questions for each owner to decide.

IN A city apartment where space is at a premium, the question of size is very important and one of the toys may seem like a logical choice—perhaps a Pekingese. To people who are unfamiliar with the breed, a Pekingese seems only one step removed from a bowl of goldfish in the category of pets. But to those who know, he is a little chap of great courage, with engagingly doggy ways and a most dignified manner (due perhaps, to the consciousness that his family tree is one of the oldest, and firmly rooted amidst the Chinese aristocracy). He is, however, primarily a dog for grown-ups, since he is too delicately built to endure, without injury, the mauling which children are inclined to give their pets. He is a fine dog for the city as he requires a minimum of exercise.

The Italian greyhound is a miniature of the English greyhound, and deserves to be better known. Despite his apparent fragility and small size (the smaller show dogs weigh eight pounds or less) he is very active and hardy and seems to suffer less in the hot dry air of modern apartments than do some of the short



With the variety in styles of collars having leashes and harness to match it is easy to select the type most becoming to your pet. Dog's dishes, too, come in variety. (Stern Bros.)



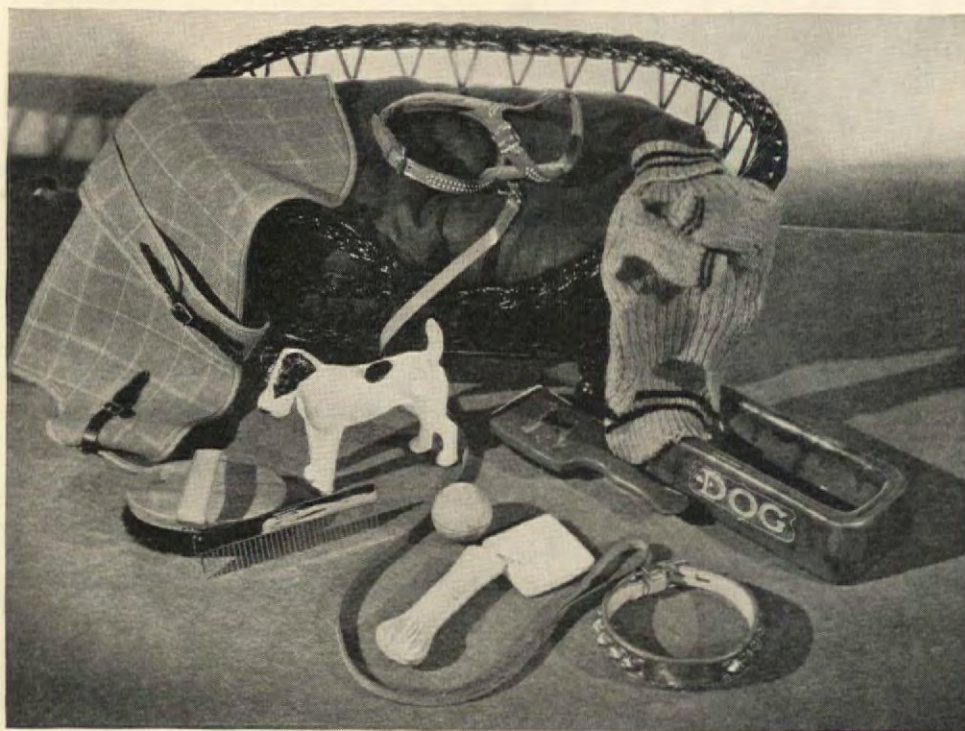
For the fastidious Scotty there is a real bristle brush and a steel comb that will make for his comfort and good grooming. The bristle brush in the center may be used for a Boston bull. The brush at the right with wire center, the steel comb, the flea soap and insect powder will no doubt be found useful. (Stern Bros.)



In rainy weather the well-dressed dog wears a waterproofed raincoat and little laced shoes of pigskin or morocco. A terrier guards the pottery feeding dish. (B. Altman & Co.)



Sandy here reposes on his bamboo bed padded with upholstery in gayly colored chintz. The wood is in the natural tone, trimmed with orange and black bands. (B. Altman & Co.)



A comfortable wicker bed and downy mattress to give him comfort, a comb and brush to keep him well groomed, a new collar to add to his sartorial perfection, a sweater outfit to keep him warm, a leash to give his master the proper air of authority, a bowl for his food—these are but few of the accessories the dog of position and breeding demands nowadays. (Marshall Field & Co.)

muzzled toys. With his delicately sculptured body and satiny coat in gray, cream, faun, or red his appearance is most elegant.

Or one may turn to the terriers and find one's perfect dog. In size they vary all the way from the Airedale, weighing about forty pounds, down to the cairn, who should weigh not more than fifteen. All are alert and vigorous, loyal and intelligent, and relish to the utmost life's more exciting moments. In choosing the sort of terrier to buy, think of the size, color, and traits you wish emphasized. Also give a thought to the dog's coat. Most of the terriers have a double coat and need to be plucked about every six months, with an occasional "going-over," in between, to keep their elegant lines. A good professional job costs about five dollars, but one can learn to do a very creditable home job with the aid of a plucking knife, comb, and the right brush (almost every breed has its own). If the pup is to spend most of his time in the house it is well to keep him pretty well plucked, even in winter. A cosy bed and blanket will take care of the chilly night hours and an overcoat, raincoat, and galoshes will provide ample protection during outdoor excursions.

THE wire-haired terrier's present popularity is well earned; no master could wish for a more entertaining companion. To a wire-haired terrier life consists of one crisis after another! The mail man, the milk man, and the grocer's boy must all be greeted and the dog's air is as one who protects his beloved family from countless perils. He is active and muscular, has a coarse coat in which white predominates, and his countenance, with its bristling whiskers and twinkling brown eyes, is most engaging.

The Scottish terrier, or Scotty, as he is familiarly known, is of a less expansive disposition than the wire-haired terrier. He reserves his full devotion for one person, usually treating the rest of the family with aloof courtesy, and turning a deaf ear to the blandishments of strangers. So many people now own Scotties that one may yearn for a dog of slightly different appearance, but similar temperament. If so, one would do well to choose a West Highland terrier whose figure and coat closely resemble the Scotty, except for the color, which is all white.

Or there is the Sealyham, of the blithe manner and sawed-off legs. Like his cousin, (Continued on page 104)

Because they have restricted root space plants in pots require new soil and feeding, perhaps shifting into larger sized pots, but always as growth begins

Potting

Plants Properly

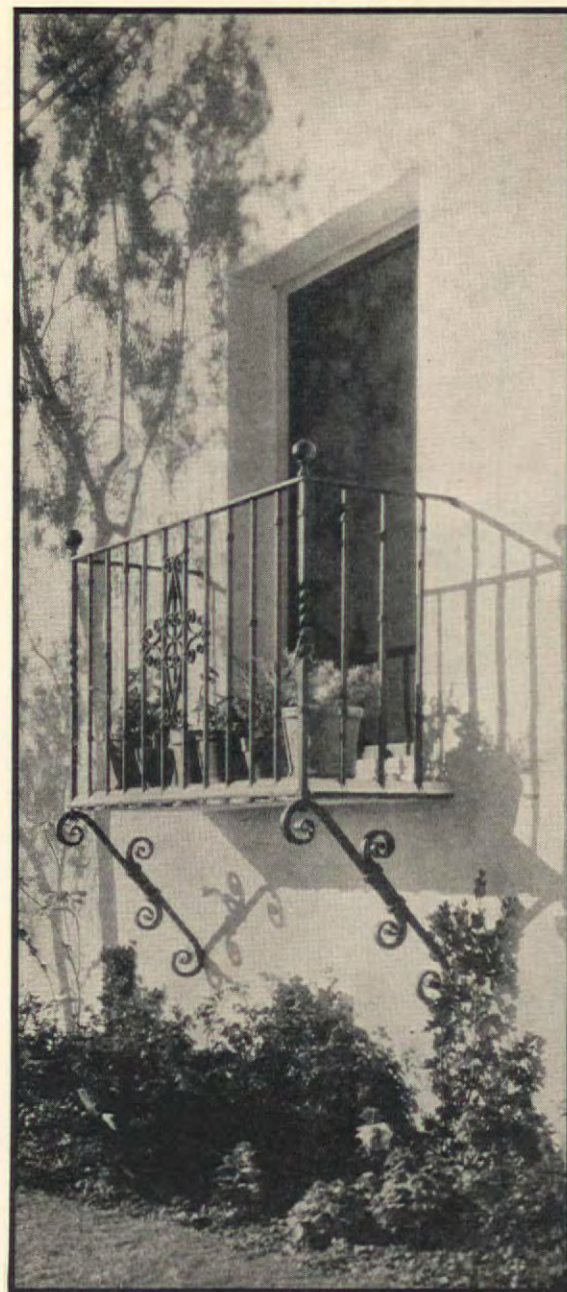
by T. H. EVERETT

STRICTLY speaking "potting" means lifting plants from the open ground, a frame, or seedflat and transferring them to flower pots. When established plants are moved from one size flower pot to another they are re-potted.

When does a plant require potting or re-potting? That depends upon the kind of plant and the available facilities. Under average modest circumstances most of the potting will be done in the spring and early summer; but in a well ordered range of greenhouses where a variety of material is grown something or other will be requiring this attention almost every day of the year.

From the seedling or cutting stage young plants in active growth require potting into successively larger sized pots until they reach their "final," i. e., one sufficiently large to admit of the growth of a well-developed plant without being at all ungainly. A Geranium or a Fuchsia may be given a five- or six-inch pot as a final; or if bigger specimens are desired they may be grown on into a seven- or even eight-inch size, while Boston Ferns or a Snake-plant (*Sansevieria*) can either be divided up when they become too big for small pots or they may be given more room in which to spread their roots. Overpotting, or planting in a pot too large for the root system and out of proportion to the above ground part leads to souring of the soil and consequent ill health and possibly death of the plant. Snake-plants, Palms, Ferns, and many others thrive better when the roots are somewhat confined and are permitted to mat around the sides of the receptacle, provided always they are given some plant food from time to time.

Old plants which are grown on from year to year need attention at the *commencement of the growing season* which will vary according to the plant—Begonias in the spring,



Jessie Tarbox Beale

Callas in August. Except in the case of soil trouble, potting should not be done when plants are in a dormant or semi-dormant state.

However if a plant is obviously sickly because of unsuitable soil condition, or overwatering it should (regardless of season as soon as its distress is noticed) be re-potted into sweet soil using as *small* a pot as will comfortably accommodate the ball of roots. The signs will be foliage turning yellow and wilting especially during sunshine, and by the soil remaining wet for extended periods. It will be found either that the roots have rotted away and the soil smells sour, or that the roots have been unable to make healthy growth and penetrate freely through the soil.

Use clean, dry pots (if these are new and fresh from the kiln first steep in water for a few minutes and allow to dry before use). Have handy some drainage material (broken pot or coarse cinders), a quantity of rough leaves such as are (Continued on page 105)



First place a big crock over drainage hole



Then put some smaller pieces in the bottom



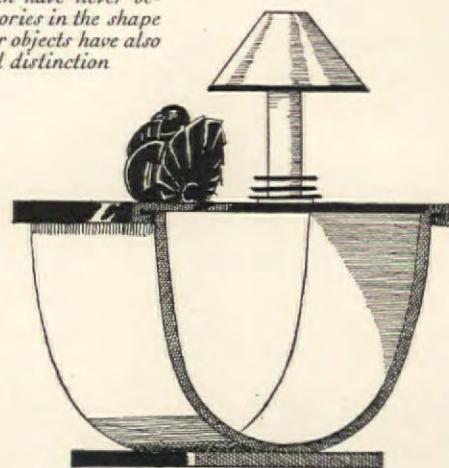
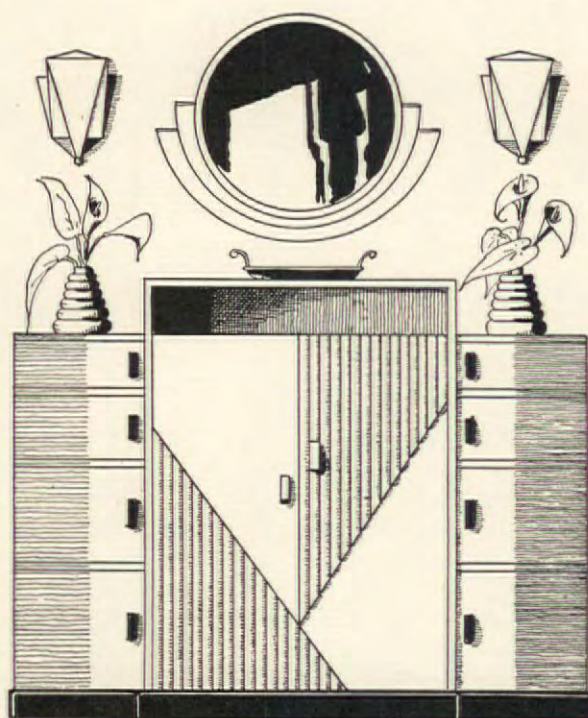
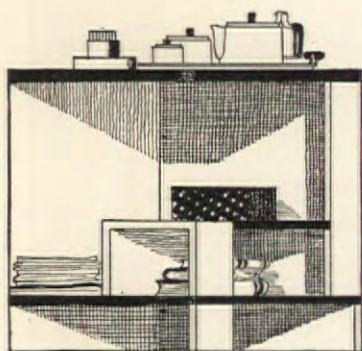
And cover the drainage crocks with rough leaves

A Course in Furniture

XIV. The modernistic style

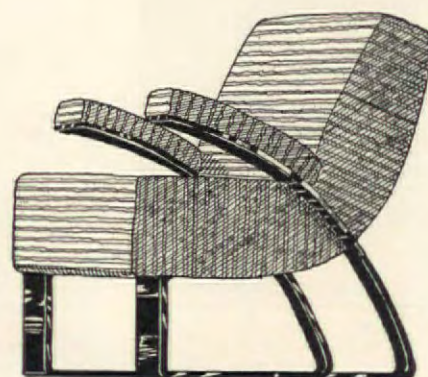
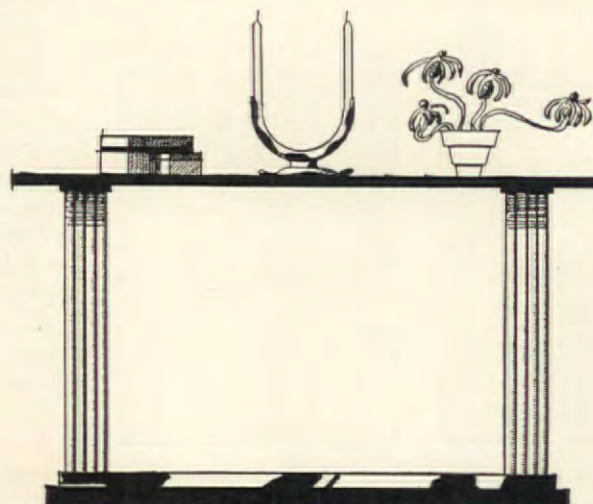
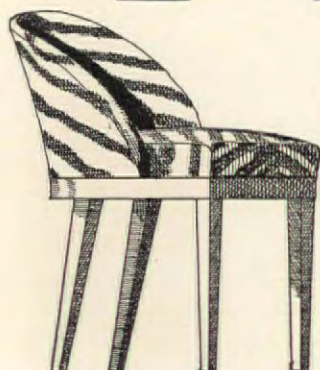
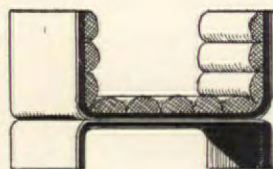
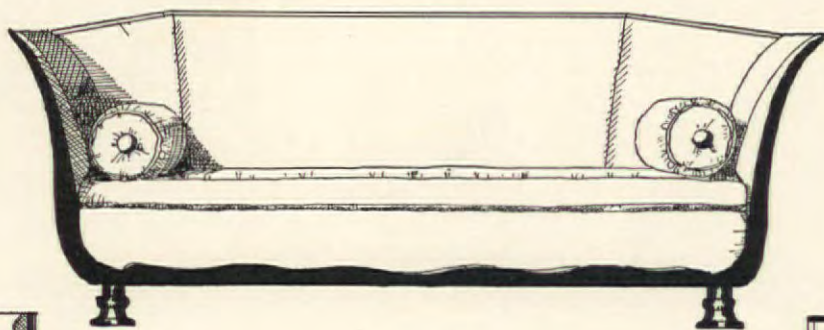
Contemporary designers have evolved a distinctive modern type of furniture which reflects the temper of its time. It is dynamic in its expression of directness and vitality, devoid of ornamentation and over-complexity, and is truly characteristic of the generation whose needs it serves. Function and fitness to purpose are here expressed in the fewest possible lines

One of the best results of modern design in decorative objects has been the development of lighting problems. From schemes for whole rooms to the small individual lamp modern designers have produced effects of dramatic charm and simplicity which have never before been achieved. Accessories in the shape of mirrors, vases, and minor objects have also taken on forms of real distinction



Modern furniture designers employ not only beautiful woods, but enhance their creations with materials which are new in the decorative field. Among these are aluminum, chromium, duraluminum, silvered metal, formica, both black and cream, pewter, copper, and glass. Textiles, wallpapers, rugs, and carpets all reflect the modern tendencies of simplicity which make them fitting elements in a modern home. Even plants and cut flowers whose growth suggests abstract design are chosen to accent these modern interiors

New colors have been introduced with contemporary decoration, and modern rooms display tones which are fresh to our eyes. Among these stimulating new harmonies we find a wide range of blues, off-whites, salmon, peach, and egg-shell, lovely pale greens, citron, grays, flame, wine, and persimmon reds, taupes, and black, with a pronounced use of metal tones. There is a tendency to use geometric arrangements and horizontal lines in designs for wallpapers and fabrics, and zebra skins are featured for upholstery design



MODERN arts, music, painting, architecture, and decoration reveal the attempts of a contemporary generation to escape from old forms and to develop concrete expressions of the energy and speed typical of our modern life. Exponents of this modern development argue that we need have nothing to do with the dead past, that we live in the age of the aeroplane, the radio, and the motor car, and that all arts having to do with our modern life should express freedom and speed. "Form follows function" is the slogan of the modern school, and its disciples adhere closely to it. There is a field for argument in these theories of modern art as against the school of lovers of tradition and past ideals, in which each side will battle for its own views, but we must admit that modern architecture is much to the fore in Europe (where it originated) and is finding followers in America.

In modern art it is one of the tenets that there be a complete harmony between the architecture of a house or room, and its decoration and furnishings. The equipment and the accessories must blend agreeably with the main features and express perfect efficiency and cut-to-the-bone simplicity in a harmonious way.

These rooms are apt to have large windows hung with soft, unlined curtains in gay, clear colors which admit sunshine and air since these elements are symbolic of the freedom from convention and stuffiness which mark the new era. Venetian blinds are much used in the new schemes since they come in harmonious colors, and are effective in securing interesting effects of light and shade. The lines of modern design are vivid and vital. They are usually based on dynamic energy in nature, the flashes of the lightning, the growth of plants, the set-back piles of mountainous ledges all yielding suggestions. Many of the vertical pieces of furniture are rightly called "sky-scraper" as they are built on the same lines as a modern building with set-back floors.

The woods used in modern furniture making include striped walnut, sycamore, hawthorn, amboyna, Philippine or African mahogany, bleached maple, primavera, burr elm, and pollard oak. Many pieces use light and dark shades of the same wood, and also have handles or knobs of the same material. Chromium is much used; cadmium plated ware is also made into decorative accessories. Bakelite forms table tops and shelves which are impervious to stains and ordinary burns. Bent tubular steel is developed into furniture whose upkeep is reduced to a minimum.



This sleeping sofa, designed by G. Rohde, is excellent as a space saver for a modern apartment. (Heyward-Wakefield Co.)

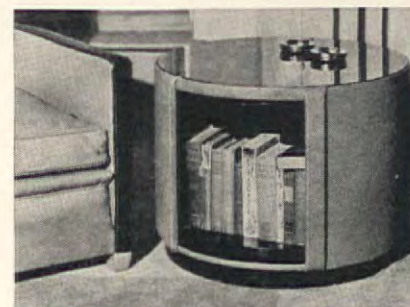
Contrasting woods and sharp straight lines mark this bureau as one of contemporary design. (Johnson-Handley-Johnson)



A very practical piece for a modern home is this little coffee table, also designed by G. Rohde. (Heyward-Wakefield Co.)



Metropa fabric is a combination of hair cloth and cotton, very smart indeed on this modern metal chair. (Chair by Thorner; Metropa fabric by Robert Heller)



The little vanity or poudreuse at the left is indeed a new note in furniture design. (Lord & Taylor)

The "Rotorette," above, is a revolving table containing compartments for books and other things. (G. Rohde)



Simplicity of design is accentuated in this very modern desk. The desk light, too, carries out a modernistic effect. (Modernage Furniture Co.)

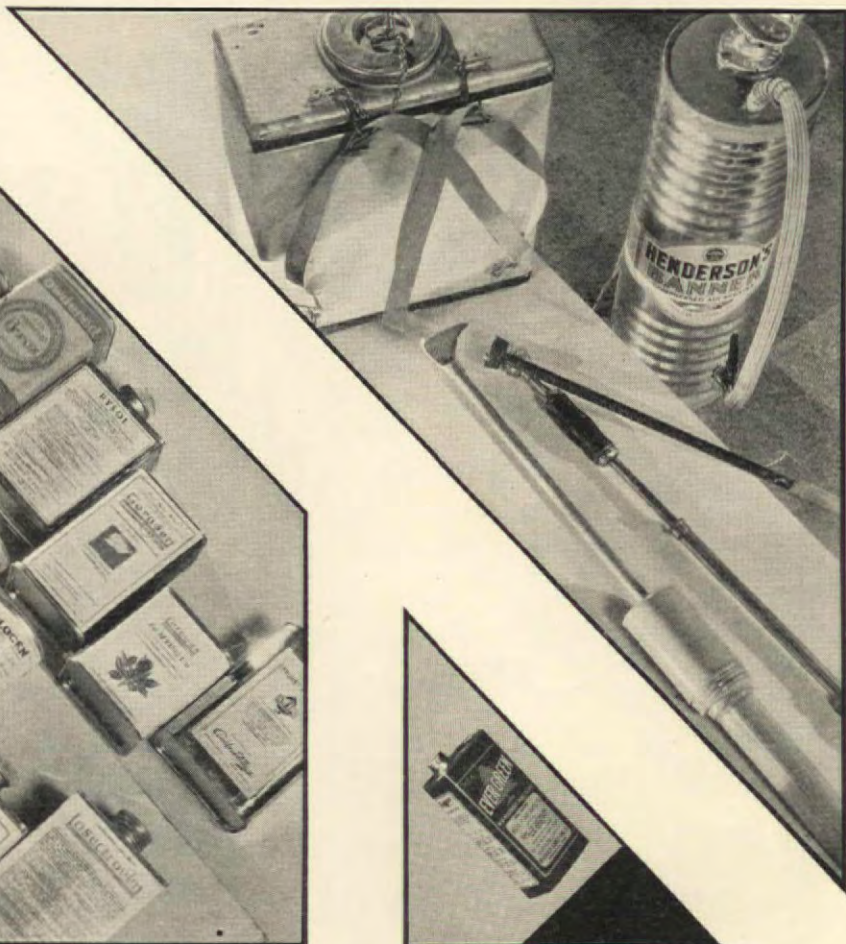
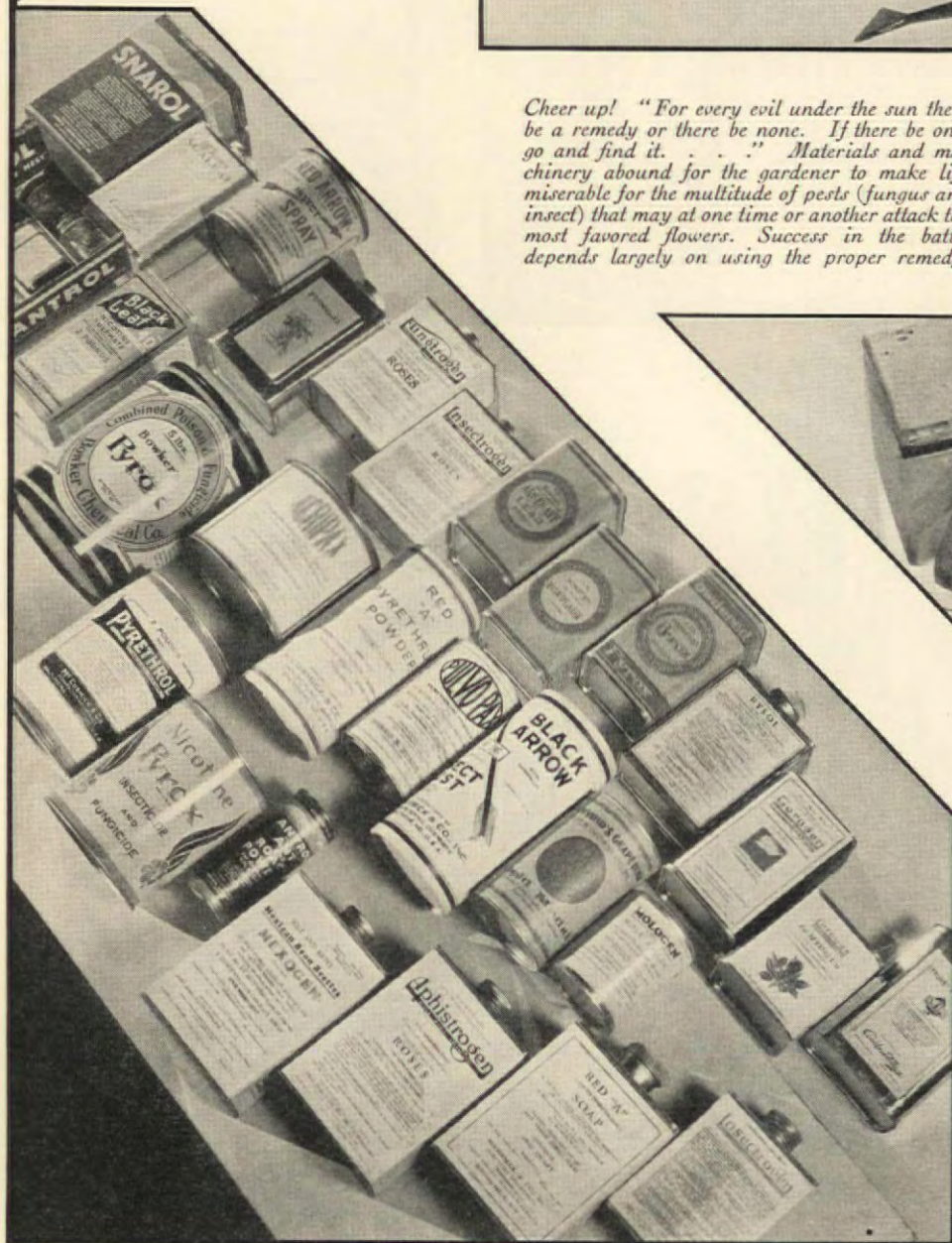
The desk at the right is designed to be used singly or in a group of two or three pieces—a radio cabinet and bookcase. Designed by G. Rohde. (Heyward-Wakefield Co.)



Putting the Insect
On the Spot

Cheer up! "For every evil under the sun there be a remedy or there be none. If there be one, go and find it. . . ." Materials and machinery abound for the gardener to make life miserable for the multitude of pests (fungus and insect) that may at one time or another attack the most favored flowers. Success in the battle depends largely on using the proper remedy.

And here are some of the tested and true, not all old by any means. Compressed air pumps for liquids and bellows for dry dusts are offered in portable sizes. And as to which agent to choose—it all depends. But there is something here for your special need. A complete list of the insecticides and other remedial preparations that are illustrated here will be found on page 121



What's the modern trend in GLADIOLUS?



Our Selection, a showy ruffled of mixed coloring combining orange, pink, rose, and slaty tints

Aflame (right), a red primulinus shines as a beacon in its class



Janet, reminiscent of old mahogany, graceful as it is odd. A beautifully ruffled large primulinus worthy of note



Rosewood, a mixture of old rose and brown, is one of the oddest of the new smoky varieties

Plumed Knight (left), is conspicuous in the rose colors with long spikes

THERE always were many odd and strangely colored seedlings but under the older stereotyped standards, demanding always bigger, stiffer, and fuller spikes, those odd ones were usually suppressed. Now, however, they are coming to the fore, as gardeners ask for them—new, different, or unusual.

Some of the earliest to be given recognition were among the oddly colored French hybrids from Lemoine, such as red and yellow Mephistopheles, mottled-throated pink Eugene Lefebvre, smoky old rose Emile Aubrun, and spotted Tragedie. Then in this country Kunderd made his reputation with new shapes in his Ruffled, Lacinated, and Snapdragon types. Such as these were introduced long before the recent vogue for the unusual, but, along with John Lewis Child's Prince of India, a wildly colored smoky introduced in the '90's, they have only recently attained real popularity.

While the number of varieties named later on may seem like a rather formidable list, it by no means exhausts the roll call of the new Gladiolus. There are acclaims raised in many quarters for other and different new ones. This is not

by FORMAN T. McLEAN

surprising, since choice is here made mainly from the twelve hundred varieties tested at the New York Botanical Garden during the past three years. Since the recently issued *Descriptive Gladiolus Nomenclature* published by the American Gladiolus Society actually lists more than seven thousand extant varieties, and some of our introducers think it expedient to introduce more than an hundred new

seedlings in a year, no one person can hope to justly value them all, both old and new. Some of us are such heretics as even to express a preference for such old ones as Mrs. Frank Pendleton and Mrs. Francis King. The fact that some of these same old ones are hard to beat even in the show room makes the matter still more interesting.

Now let's see what is around us! The oriental, smoky shades are well represented in the newer varieties. Lewis Dingman has a curious mahogany color with shadings of buff and slate, giving it a glowing tint that reminds one of old mahogany. The plant is tall and straight, with long spikes of large well-rounded flowers. Janet, from Crow in Canada, is similar in color, but is a beautifully ruffled primulinus grandiflorus, as graceful

(Continued on page 114)



Figure 1



Figure 2

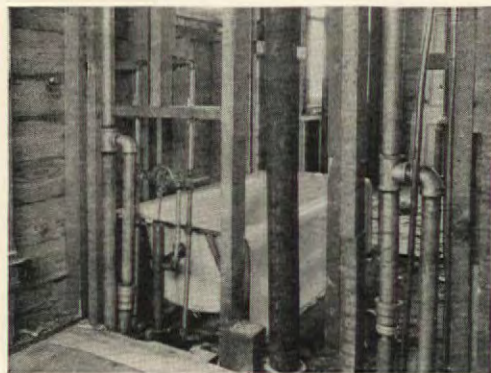


Figure 3

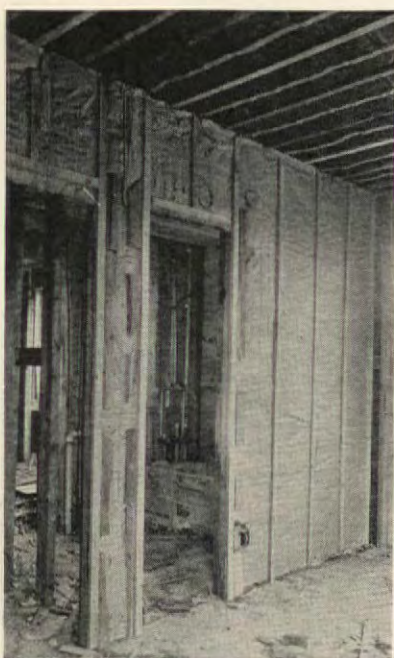


Figure 4



Figure 5

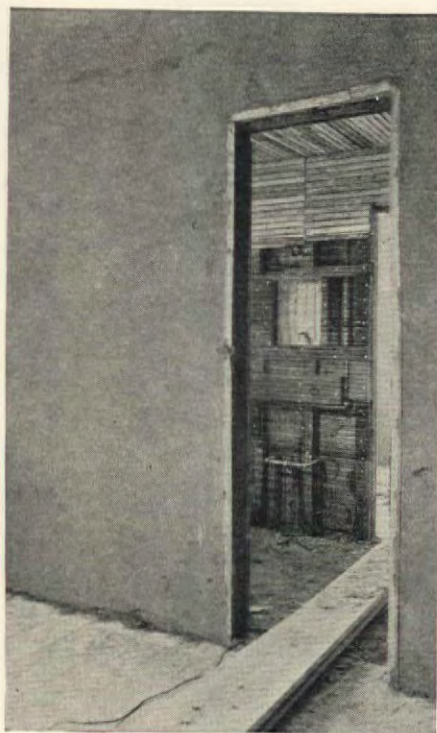


Figure 6



Figure 7

Now is the time

by ROGER B.

ON THESE two pages are shown, step by step, photographs of remodeling operations in the home of one of our subscribers. The exterior "before and after" views of Mr. Whitman's house, and the floor plans, lists of materials, and remodeling costs, were published on page 30 of our April issue.

FIGURES ONE TO SEVEN show how a new bathroom was installed in the house. After the bathroom was framed, the waste and vent pipes installed, and connections arranged for the fixtures, copper tubing for the water supply (Fig. 1) was laid and a shut-off valve for each pipe (Fig. 2) was attached on the cellar ceiling.

Fig. 3 shows how the tub was connected and the supply pipes extended for the shower. In Fig. 4 we see the flexible insulating material between the studs. Wood lath covered this (Fig. 5) except where metal lath was used on the parts to be tiled. The lath was spaced $\frac{1}{4}$ " or more to allow a good bond for the first plaster coat and the rough edges at the doors and windows (Fig. 6) were concealed by the trim. In Fig. 7 we see the yellow tiling with black molding and the heather brown tile floor.

FIGURES EIGHT TO THIRTEEN. To bring the house up to date the old boiler and coal bin were removed (Fig. 8) and the old piping was more efficiently run in two loops connecting, at their far ends, with a pipe (Fig. 9) running under the floor to the new boiler

to remodel

WHITMAN

to return the water condensed in the radiators. The radiator pipes were placed at angles on the upper sides of the distributing pipes and, as with all of the steam pipes, were jacketed (Fig. 10) to prevent heat loss.

The new boiler, designed especially for oil heat, came in several sections (Fig. 11) which were assembled in position and covered with an enamel jacket over heavy insulation. The oil burner is entirely within the boiler, but its controls are in a black metal box shown in Fig. 12 at the back of the boiler, below the chimney connection. The pipe for returning water was connected at the back and also the device for heating household hot water (Fig. 13) which derives heat from the boiler and is connected to the hot water supply tank. The boiler operates the year 'round but does not heat the radiators in summer.

FIGURES FOURTEEN AND FIFTEEN show how the electrical system was improved and made safer. The old-fashioned exposed wiring (shown in Fig. 8) was replaced by armored cable and the feed wires were connected to a safety junction box (Fig. 14) with the meter above and fuses for the four new circuits alongside. The lightning arrester and fuses of the telephone were replaced by new ones (Fig. 15) in a protecting steel box.



Figure 8

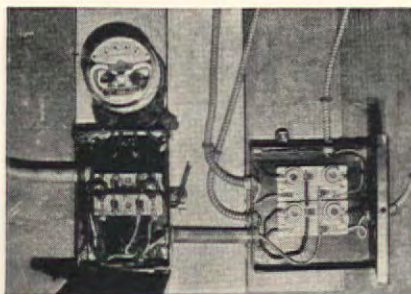


Figure 14

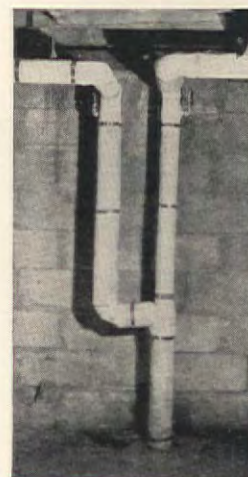


Figure 9

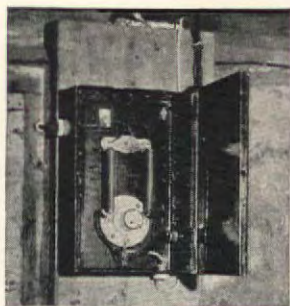


Figure 15



Figure 10



Figure 11

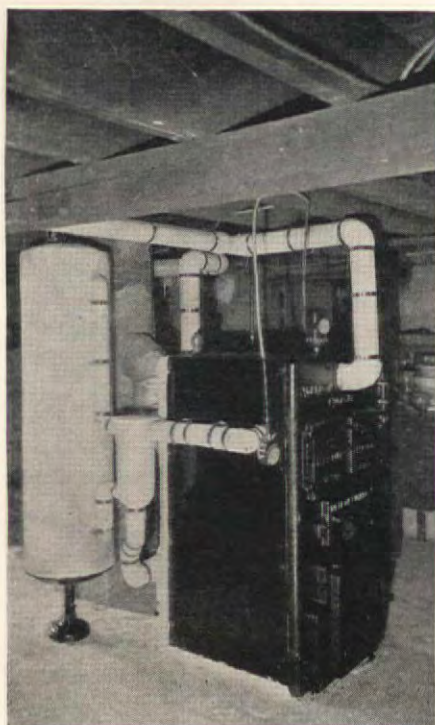


Figure 13

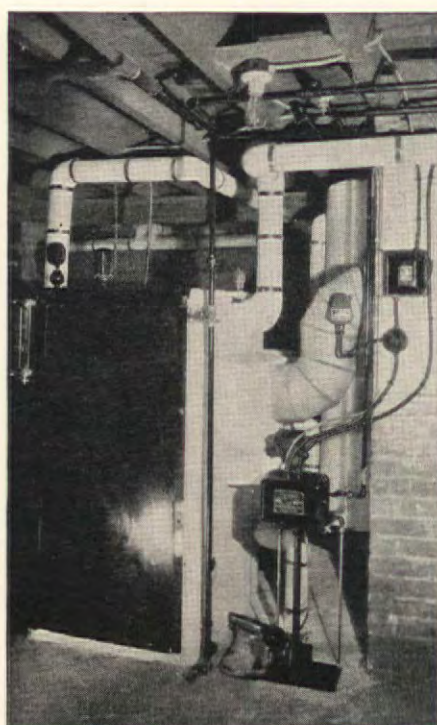


Figure 12



Growing Waterlilies is so easy!

by FRANK K. BALTHIS

ONE reason for the present urge to have a water garden is an awakening to the fact that the most laborious part is the building of the pool itself and not in learning the cultural methods. It is the ideal garden for the busy person—always ready to be enjoyed and appreciated.

The making of the pool itself was discussed in the March issue of this magazine, and anyone may turn to that for information on construction. Our concern now is the plants themselves. Full sunlight, rich soil, and warm quiet water are the essentials for growing Tropical Waterlilies.

The Tropical Waterlilies are the ones to depend upon for brilliant color, fragrance, large blooms, and continuous flowering, and because of their tropical heritage, they should not be planted out of doors in our North until warm and settled weather has arrived and this is generally not earlier than the first week in June. They then make such remarkable growth that in a few weeks' time flowers appear and blooms are enjoyed until late in fall.

One matter commonly overlooked is that newly built pools must be protected with straw or hay at least ten days to prevent the concrete from drying out. After this let the concrete cure for at least two weeks. The first time the pool is filled the water will absorb alkali from the new concrete. As this alkali may injure plants and fish, it is important to fill the pool and let the water stand for about two weeks, then drain this

water off and refill with fresh water. Some very delightful effects are obtained in the small home ground with the introduction of a "tub pool." This is easily done by sawing an old vinegar or sugar barrel in two, scrubbing or burning it clean, and sinking it slightly beneath the surface of the ground, giving a sloping effect which may be enhanced by judicious planting. A common metal washtub will also do for a miniature water garden. The attractiveness of this little garden may be increased by placing a few weathered rocks around the outside and planting moisture loving plants between them.

Nymphaea August Koch is one of the most desirable Waterlilies for a miniature pool garden. Throughout the summer it produces a constant succession of gorgeous fragrant blossoms seven to eight inches in diameter, with striking wisteria-violet petals and sepals of purple-lilac. Each flower stands well above the water and is fine for cutting.

IF A small sized pool is constructed, good results are obtained by placing the Waterlily plants directly in the soil. In larger pools, with solid bottoms, the plants are usually grown in tubs or boxes made of cypress or pine, and set on the bottom of the pool. It is best to have a separate container for each Waterlily as the leaf spread is often several feet in diameter. Shallow water plants may

also be set in the same box to wonderful advantage. These boxes for example, may be 30 x 30 x 10 inches, for the larger pools, and 18 x 18 x 10 inches for the smaller ones. The water in small pools should be not less than eight inches above the top of the boxes; in larger pools there should be not less than twelve to fifteen inches of water.

THE best stock is that which is growing in 4- or 4½-inch pots—the stronger the better. Buy good, healthy, strong plants even if they cost a trifle more. They will start into active growth at once and soon show good foliage and early bloom.

A mixture of three parts of rich clay loam—the kind that is found in a good garden—and one part well-rotted manure is the very best soil for growing Waterlilies. If manure is not available, use a prepared plant food, a pint to a bushel of garden soil. A fertilizer of some kind is absolutely necessary as Waterlilies are gross feeders and bloom poorly if not well nourished. It is wise to replace the soil in small pools each spring, but with larger pools (where it is almost impossible to change the soil) a good top dressing of manure may be given. Before this can be done, however, the water must be drained from the pool.

The method of planting is to place the boxes in position in the pool, fill them with the prepared soil, and turn in sufficient water (Continued on page 120)

Fences find new favor

A rustic wood fence is in keeping with the informal country house. It requires no upkeep and as it weathers it harmonizes with its surroundings. (Habitant fence. Residence of Mr. Harold S. Willis, Kings Point, Long Island)



by DAHY B. BARNETT

FENCES are of real utility. They serve to define the boundaries of one's lawn and they give privacy, which becomes increasingly desirable in most localities as towns develop.

Though the fence may be made of wrought iron, of wire, or of pickets, it can serve as the basis of a screening enclosure as shrubs can be planted inside it.

The desire for seclusion—and for the beauty which privacy aids—is not the only need which the enclosure helps. Perhaps the greatest one, and almost certainly the greatest in homes where there are children, is the desire for safety. With automobiles speeding by homes, and with heedless children darting out into the road at play, accidents do occur. A fence will prevent many catastrophes. This is not to say that fences can't be climbed. They can, of course. Children and chickens are hard to restrain by fences. But by the time a child has stopped to struggle over a fence, he has realized that he is out of home

territory and he is apt to be careful. Smaller children cannot get over the fence. Small pets may be kept in by it, too. Conscientious mothers realize that the price of a fence is, indeed, a small one as weighed against safety.

After it has been determined that a fence is desirable, the bewildered house owner faces a wide array of types of fencing. There are many. The costs vary, and so does the length of service one may expect.

While utility is the prime consideration, nevertheless because of the great number of fencings, it is possible to select one which will be in harmony with the style of architecture. One can use the picket fence for Colonial houses; post and rail fences for country estates; wrought iron for stately homes; woven rustic wood palings for informal homes of any size; wire or lawn fences for smaller houses; and chain link for large estates which find protection imperative. With all these styles from which to choose, it is obvious that the type of fence can easily enhance the beauty of the home.

The type of enclosure called lawn fencing is made of galvanized wires, woven in meshes, square, or oblong, and usually finished with a scallop at the top which is called a scroll. These fences vary in quality according to the size of the wire, the closeness of the wires, and the method of erection. As in all fences, the posts must be sturdy, and they



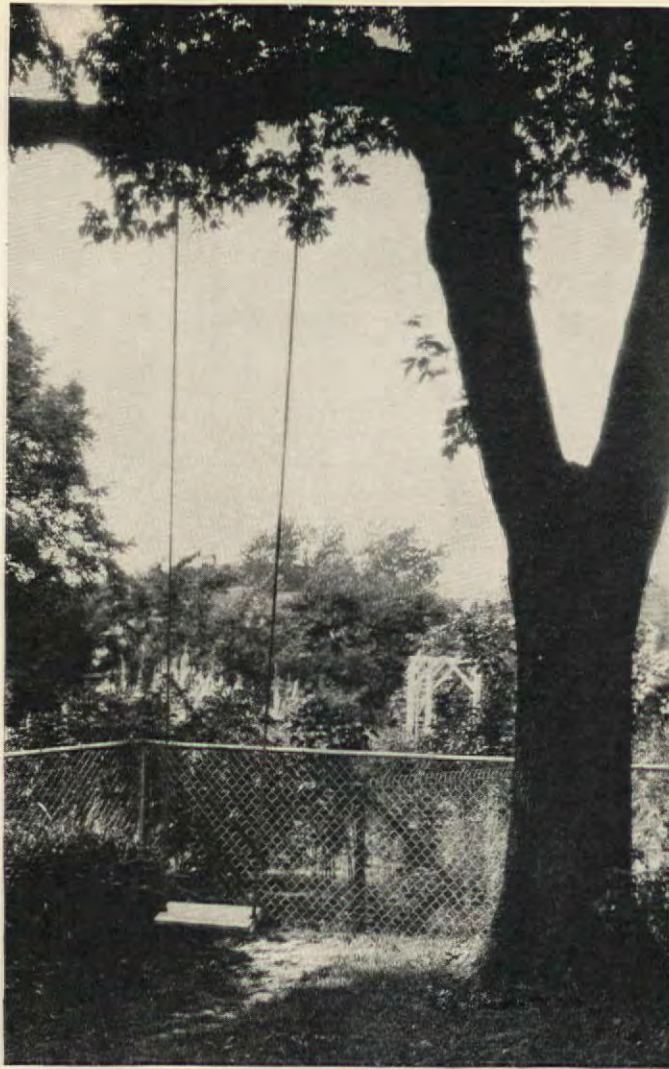
A painted picket fence, "custom-made" of pine, is very appropriate with a house of Colonial architecture. (House in Greenfield Hill, Connecticut, remodeled by Cameron Clark, architect)

may be either of metal or of wood. Because this structure is the least expensive of all those suitable for use around a town home, it is very popular. If it is purchased for the purpose of keeping the children in the yard, it is an economy to buy the type which has a double number of wires at the bottom portion, thus making the meshes so small that the children cannot stand on the wires.

The galvanizing on such fences will stand up for some time in clean air, but near industrial centers where the atmosphere is polluted, it will chip off. Therefore, painting is essential. Length of service which a lawn fence will give varies from eight to twenty years—and a great share of longevity is due to consistent painting.

Chain link fencing, with its diagonal mesh, is known to everyone and is often thought of only in connection with industrial plants. But in neighborhoods where protection is needed, it is invaluable. The galvanized type needs painting, just as does any other galvanized surface. Another variety is the ordinary steel link fencing with a coating of copper welded on it. This has the advantage that it need not be painted, for it oxidizes to a dull green, and bushes can be grown against it without having to be disturbed for fence painting. An aluminum alloy chain link fence has been put on the market recently; it has the advantage of not needing painting, of being a dull gray in color, light in weight, and yet strong. It is non-corrosive in sulphur or salt laden air.

Among the metal fences, wrought iron is unquestionably the aristocrat. For the simple house, the pickets may be plain and light in weight. The larger, more elaborate house will need larger pickets, more closely spaced and will undoubtedly require ornamental post tops and scrolls or other ornamentation between the double rails. Added elaboration in house architecture can be matched by wrought iron until the beautiful



The wire fence with the diagonal mesh has many uses. The galvanized type should be protected by paint, but the copper coated type needs no protection. (Cyclone Fence Co.)

lines of fancifully wrought gates with their great dignity are achieved.

Wrought iron is fibrous in texture. Due to the method of production,



The woven rustic fence is made up of chestnut or cedar saplings placed side by side and held by wire woven in and out of the saplings. This type of fence insures privacy and adds a decorative note to a country home. (DuBois Fence and Garden Co.)

tiny particles of iron silicate, which is non-corrodible, are incorporated in the iron. This grainy, fibrous texture of wrought iron makes it extremely resistant to moisture and contaminated air. Some of the most beautiful fences and gates in this country are made of wrought iron.

One coat of red lead paint is commonly applied to wrought iron fencing at the factory. It is possible to have it dipped in black paint before shipping, but invariably by the time the enclosure is erected, the paint has been chipped off in spots and patching must be done. Accordingly, it is better to have the second coat of painting done after erection.

Among the wood fences, a type which has been introduced within comparatively recent years is the woven rustic. This fence is composed of chestnut or cedar saplings about an inch in diameter. They are placed side by side and are held together by wire woven in and out at the tops of the saplings. Or they may be nailed onto rails, or attached to them by wire. This rustic fencing comes in panels

and is nailed to the posts which are set in readiness.

The sapling pickets may be placed side by side with no space between or with as much as two inches intervening. The pickets may be whole or split lengthwise into two pieces, called half-rounds. It is important

to see to it that the wire and nails used in these fences be non-corrosive, for one of the main advantages of this wooden fence is that no upkeep is necessary. Painting is obviated and the bark and the saplings turn a silvery brown which blends well with any surroundings except the most formal.

The chief value of the woven wood fence is its efficiency as a screen. From the standpoint of insuring privacy, it takes the place of the wall of brick or stone. It is much less expensive than a wall and there are air spaces which permit an easier circulation of air. Bushes

(Continued on page 106)



"I want to report a FIRE—quick!"

**FIREPROOF! A roof of
Johns-Manville Asbestos
Shingles—for as little as
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Twenty-three per cent of all residential fires start on roofs—in other words, 23 out of every 100 fires in HOMES could be prevented by one step. The damage, destruction and horror could be avoided.

Put a *fireproof* roof on your home this season. For as little as \$19.50 down you can have a roof of Johns-Manville Asbestos Shingles! The J-M deferred payment system makes the

cost of a new roof a simple item to absorb.

Made of asbestos fibres and Portland cement, J-M Rigid Asbestos Shingles are not only fireproof—*not one has ever worn out!* You buy peace of mind and freedom from big repair bills for all time.

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Still lower in cost are J-M Flexible Asphalt Shingles. Surfaced with crushed rock or slate, they are fire-retarding, durable.

The J-M dealer will also be glad to tell you about J-M Asbestos Wainscoting. It has the color and charm of ceramic tile—without the cost. \$9.75 down and small monthly payments will modernize those dingy bathroom or kitchen walls. Mail coupon for further information.

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I would like to have your dealer inspect the condition of my roof—free. I would also be interested in learning more about J-M Asbestos Wainscoting. This puts me under no obligation.

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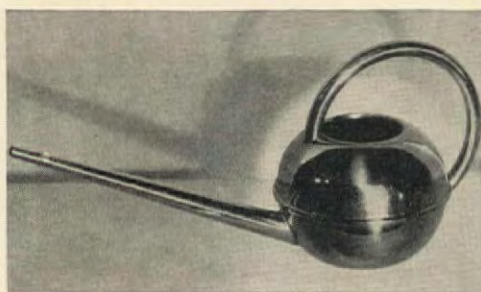


Johns-Manville Roofs for residence • office building
industrial plant. Permanence • Protection • Satisfaction



Devices for American Homes

For May you will notice that we are showing one or two garden devices as well as our regular household articles. All these articles, we believe, are practical, reliable, and of good value. To order any of them send money order or check to the firm name given. For information concerning any other devices write Diana North

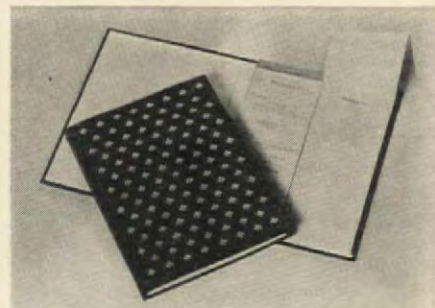


THIS quaint little watering can has a gleaming copper bowl, with a convenient long spout and handle made of brass, making an attractive contrast. Indispensable for watering small plants in or out of doors, though it holds but one pint. Price \$1.00 postpaid. Write Miss Brown, Lord & Taylor, Fifth Avenue and 38th St., New York.



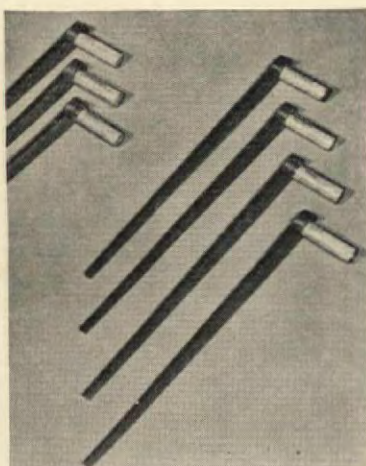
WINDOWS, mirrors, porcelain, and silver are but a few of the materials that can be cleaned and polished by the Wet-me-Wet Bag. Simply wet bag thoroughly and knead with fingers, then apply over surface. While surface is still wet, wipe off with dry linen cloth and surface will be brilliant and clean. Can be used over and over until bag is empty. No dust and much less hard work. Six for 50¢. from Lewis & Conger, 78 West 45th St., N. Y. C.

THE Buffet Closidor attaches to almost any standard door and is fitted with five shelves and two rows of hooks. A folding tray covered with battleship linoleum is anchored to center shelf with three hinges. Chromium-plated metal arm supports table and folds out of way when table is lowered. Buffet closidors are 4½" deep and 71" high. They can be installed to open on either side of door and are fitted with chromium-plated keylock. Please state width of door when ordering. Price \$22.50 finished in plain ivory. Also a specially designed Closidor for bathroom for \$15, or for kitchen \$15, all express collect. Hammacher & Schlemmer, 145 East 57th Street, N. Y. C.



A REALLY practical menu, and marketing book is an aid to one's housekeeping problems. On the left side of the book (pictured above) the menus for breakfast, luncheon, and dinner are written, while the necessary groceries to buy are put down on the right side. A perforation down the middle of the page makes it easy to tear off the marketing side for ordering. The cloth cover can be had in blue, green, rose, or yellow. Price \$1.10 postpaid. Lewis & Conger, 78 West 45th St., N. Y. C.

NOW is the time to catalogue your garden and have it in perfect order for the coming season. For this purpose seed record sticks are necessary and the new ones shown below are especially practical. The record is written on a piece of paper and placed within the glass cylinder which screws in the top of the stick and is so devised that you can turn the cylinder around at any time to read the complete record without unscrewing it. The enameled green sticks are 12" long and cost \$2.50 per dozen postpaid. Daniel Low, Salem, Mass.



DURING the spring there is still need of a log-fire occasionally to banish the remaining winter chill, as well as for heating summer homes. So we suggest this handy wood rack and carrier which has a neat and compact appearance and will take up but little space by the fireplace. It is made of ash and birch, stained brown, and measures 21" x 18". The canvas carrier has non-tearing handles and measures 20" x 35". Price complete \$2.95. Daniel Low, Salem, Mass.





Let's do a little figuring . . MAYBE WE CAN HAVE THAT NEW HOME *this year*


BY all the laws of averages and cycles, it will be another ten years before you will be able to build a good, substantial house for so little money . . . or to convert an old house into a more comfortable, more attractive home.

Why not do a little figuring with your architect, builder, or lumber dealer? . . . perhaps you'll find you can make *your* particular "dream home" come true this year, whether it is to be a new one or the present one remodeled.

And, remember, when you build, it costs no more to build well . . . and that

financing companies have a wholesome respect for sound construction that maintains value over the years without excessive depreciation. That is where Insulite pays big dividends—Insulite, the highly efficient insulating board which does double-duty* in building a permanently comfortable home. Your lumber dealer can supply it.

The booklet, "Increasing Home Enjoyment with Insulite", explains its advantages in detail. Write for it today.

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*INSULITE Saves Money Inside and Outside; efficiently insulates and grips plaster with much greater strength than wood lath; eliminates unsightly lath marks; guards against plaster cracks.



*Used as sheathing, Insulite adds structural strength; replaces non-insulating materials; and the large, rigid panels are easily and quickly applied, reducing labor cost, materials waste.

WHEN SHALL THIS



MOTOR cars for horses — vacuum cleaners for "carpet sweepers" — washing machines for washboards — electric refrigerators for "ice boxes." . . . Such and other miracles of inventive science have helped to make living far more pleasant for you and your family. But why stop with these? Is your home still marked with the crudity of ugly, troublesome, light-obstructing old-fashioned screens? Are you still putting up with mussed curtains, scarred windows and difficulties in getting at casement latches, flower boxes or window outsides for washing purposes? Why not sweep these soul-trying annoyances out of your life — permanently — with Rolscreens of Pella?

Rolscreens roll up and down — like a window shade

A touch of the finger and they roll up, automatically, onto hidden rollers — out of the way and sight. A pull and they're on duty. Never obtrusive; always available! No trouble getting at casement latches, awnings or flower boxes. No need to remove for window washing.

Rolscreens retain no heavy accumulations of dirt. They clean themselves each time they're rolled. No soiling of delicate, breeze-blown draperies.

Rolscreens do not mar the beauty of windows, nor shut out ten to twenty per cent of the light, as is occasioned with wide-framed, flat-type screens. . . . Rolscreens are so inconspicuous you scarcely realize they're there.

Rolscreens are permanent. No messy cleaning, repairing, painting,

GIVE WAY TO THIS?



sorting and putting up in the spring. No troublesome taking down and storing in the fall. No cluttering up the cellar or attic.

Rolscreens are insect-tight. No gaping edges due to shrinkages or bad fitting. Mesh is locked in on both sides, and at top and bottom.

Rolscreens are durable. No sagging, bagging or unyielding tautness. An accidental blow merely disengages the sliding lugs from guides; and rolling the screen instantly replaces them. No rusting. . . . Rolscreens are made of special electro-plated "AluminA" — an extra-strong, pleasing, clear-vision wire-cloth that will far outlive Rolscreens' TEN-YEAR GUARANTEE.

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Special information, specifications and services to architects and builders on installations in new dwellings, hospitals, clubs, hotels, office and apartment buildings.

ROLSCREENS

• O F P E L L A •

ROLSCREEN COMPANY, 652 Main Street, Pella, Iowa.

Please send illustrated booklet showing how Rolscreens can add beauty, convenience and utility to my home.

Name _____

Street _____ City and State _____

Essential facts of a well-made bed

Continued from page 79

a finer weave of perhaps 84 x 92 or percale, counting about 100 x 100, are used for the master's bedroom, and the guest room.

From the point of view of comfort it is even more important to know what size to buy than it is to recognize quality. A sheet for a single bed must be 108" x 63", for a three-quarter or twin size 108" x 72", and for a double bed 108" x 90". Some sheets are ninety-nine or even ninety inches long, but they are too short for a comfortable, well-made bed and it is difficult to see why they are made at all.

A few sheets of good, durable quality are better buying than a quantity of poor, short ones. Six sheets to each bed is enough.

In your supply might be included a few of the delightful colored sheets. There is no difficulty now in matching them to any given bedroom, for they are made in delicate pastels or deeper tones of pink, blue, green, yellow, lavender, and peach — fast colors that will last if given reasonable care in laundering and dried in the shade.

For the room that needs a definite accent to emphasize its color scheme solid color sheets may be used with the upper turned back over the spread and the plumped-up pillows showing. If only an echo of the tone of the room is needed, white sheets and cases with colored hems four, six, or nine inches deep are good, or just a mere ghost of color may be introduced

by white sheets with a pastel piping insert at the hems.

Any trained nurse will tell us that to make a bed comfortable and tempting to the weary, we need two things: practice and sheets of sufficient size. The lower sheet should first be spread smoothly with the center fold in the middle of the mattress, the wide hem at the top and the extra length evenly divided between top and bottom. Tuck in the bottom smoothly, without bunching, then grasp the side of the sheet about two feet from the corner, turn it back over the side of the mattress and tuck under the corner and end of the sheet that hangs along the side of the mattress. Then let the side of the sheet fall into place and tuck under, making the diagonal fold called the "mitered corner." Repeat at the other three corners, and the whole sheet will stay smooth and unwrinkled. Then spread the upper sheet, right side down, so that the turn-back over the blanket will be attractive, and with extra length allowed at the foot. Place the blankets on top, and tuck them and the sheet smoothly under at the foot. Miter blanket and sheet together at the two lower corners, pull out all wrinkles and fold back the sheet to protect the top of the blanket, allowing the upper coverings to drop on the side so that the bed may be opened without disturbing the under sheet.

The perfect dog

Continued from page 90

the wire-haired terrier, the Sealyham is white, with lemon, tan, or dark brindle markings and handsome whiskers.

The Schnauzer is Germany's contribution to the terrier list. He makes a good watch dog.

The Irish terrier is an old breed of well-proven merit, if one prefers a darker dog whose coat requires little attention. Then there is the Welsh terrier, who looks exactly like the Airedale, but is only half as big.

One of the smallest, merriest, and cleverest of the terriers is the cairn. As his name suggests, he was originally a sporting dog whose particular job it was to chase the game out of its rocky lair, after the beagles had run it to cover.

If one wishes a short-haired dog with terrier traits there could be no better choice than the Boston terrier, an eager little chap of stanch loyalties and extreme intelligence.

The merry hearted little cocker spaniel is one of the great dogs of all time, and the perfect family pet or companion for a little girl.

The beagle has, in the past been used almost exclusively for hunting but his possibilities as a house dog should not be ignored. He is hardy, not fussy about his food, and small and patient enough to make a good playmate for a young child.

The dachshund everyone knows, for his blimp-like figure and black and tan coat make him a memorable figure. Twenty years ago he was the smart nursery dog. Then came the war, and the dachshund went. But now he is being rediscovered.

The English bulldog was first bred for bull baiting, then for dog fighting,

but in spite of his martial past he is absurdly amiable. A fight with him is, to be sure, a fight to the finish, but his wrath is seldom roused against a human being and never on his own behalf. His function in modern households is that of ornament and adored companion of children. He seldom barks.

The French bulldog is the little chap with bat ears and rumpled muzzle whom we see at the end of a smart leash, wearing a brass studded collar or harness, as he takes his morning stroll down the avenue. He is devoted to the whole family, courteous with guests, uncritical of strangers who do not touch his master's possessions — and practically silent!

If you feel that you must have a larger dog of long coat, your perfect dog may turn out to be a chow chow, a Samoyede, an elkhound, or Borzoi (Russian wolfhound). The chow chow is a handsome fellow, red or black, with black tongue. He is rather reserved, thrives on a minimum of exercise, and is not given to nervous and excited barking.

The Samoyede and elkhound are both northern dogs, bred originally, and still used extensively, as sled dogs, but making ideal family pets.

The collie, and the setters (English, Irish, and Gordon) are good family dogs for the country place, or rural suburb. Both breeds are gentlemen, get on well with children, are gravely attentive to the whole family, and not too uproarious.

The shepherd dog (commonly called German police) is another big dog who is out of place in the city, unless he is there for a purpose.

Potting plants properly

Continued from page 91

raked up in the fall from beneath deciduous trees and the necessary soil compost.

Ordinary garden soil, no matter how suitable for the growth of outdoor crops, cannot be used "as is" for potting purposes because its texture will not permit of repeated waterings without packing. It must be modified by mixing with leafmold or good humus and some clean coarse sand (unless by chance the soil itself be extremely sandy) in such proportions that the whole mass is of a pleasing friable character, and in such a condition that when just moist a quantity squeezed in the hand does not stick together but falls apart readily when the hand is opened. This friability of the soil is a first consideration for it is the mechanical texture rather than the chemical properties of the soil mixture which is of real importance. This mixture will be rich enough for very young plants and for rooted cuttings but for older plants it may be improved by the addition of some old cow manure well broken up, or if this is unobtainable the shredded cattle manure which may be purchased from seed houses will be found excellent, a fifth or sixth part of this by bulk being about the correct proportion. In addition to this it has long been the orthodox practice to add bonemeal at the rate of a five-inch potful to the bushel of soil and Scotch soot at the rate of a six-inch potful to the same quantity. To-day, however, it will be easier for the average amateur to use a ready prepared plant food.

To prepare the pots, first place a single piece of broken pot concave side down to cover the drainage hole in the bottom, and then about this place several other pieces of pot or some of the coarse cinders. Upon this drainage material place a few of the rough leaves so that the soil will not wash into the crevices and so prevent the free passage of water. With pots not more than three inches in diameter a single piece of drainage material will suffice.

Carefully lift the cuttings from the sand frame or young plants from flats with as little root disturbance as possible, and after a little soil has been thrown on top of the drainage center the young plant in the pot and place

more soil about the roots. Gently firm with the finger tips, but do not pack too hard, and leave the level reasonably below the rim to permit watering.

When re-potting plants into larger sizes first remove the plant from the old container (this is done by inverting and tapping the rim of the pot sharply on the edge of the potting bench or table), holding the plant in the right hand and taking away the pot with the left. Remove the drainage material and loosen the surface soil a little with a sharp-pointed stick not damaging the roots in the operation. Throw a little of the compost on top of the drainage in the new pot and make firm before the plant is placed in position. Have the old ball about a half inch below the soil surface when the potting is completed. To give sufficient space for watering allow one inch below the rim in a six-inch pot and rather less in smaller sizes or more in larger pots. When the plant is in position fill in around with the soil and ram this moderately firm with a wedge-shaped piece of wood or a piece of broom handle.

Sometimes it is desirable to re-pot old established woody plants without increasing the size of the pot, yet at the same time providing new and fertile compost. Such work must be done at the beginning of the growing season; never when growth is very active or far advanced. Take the plant from the pot and carefully remove as much as possible of the old soil by means of a pointed stick and by vigorous shaking. Have the new pot clean, dry, and properly drained, and the new compost (of a rich nature) must be carefully worked in amongst the mass of the roots and firmed as the work proceeds.

If possible give freshly potted plants a temperature rise of four or five degrees for two or three days, in order to nullify any check to growth. Shade from bright sunshine for a day or two, and prevent exposure to cold drafts. Plants which are merely potted on from one size pot to a larger should not be watered until the following day, but if the roots have been at all disturbed (as when young plants are lifted) water immediately after potting.

When your garden is moist and shady

Continued from page 77

The edging plants for shade are: Hepatica, Anemone, Dutchman's-breeches, Bloodroot, Violets, Phlox divaricata, Polemonium reptans, Arabis, Saxifraga cordifolia, Polyanthus, Iris cristata, Lily-of-the-Valley, Grape Hyacinth, Crocus, Scilla, Forget-me-not, Snowdrop, Narcissus, *Campanula carpatia, *Campanula rotundifolia, *Viola in variety, *Pansies, *Lobelia, *Ageratum, *Dwarf Bleeding-heart, *Tuberous Begonia, *Heuchera, *Maidenhair Fern, *Torenia, *Sweet Alyssum, *Hosta in variety.

Middle border plants for shade: Ferns, Bleeding-heart, Trollius, Hemerocallis in variety, Jack-in-the-pulpit, Columbine, Trillium, Hesperis matronalis, Dodecatheon, Mertensia, *Foxglove, *Cypripedium, *Monarda, *Nicotiana, *Heliotrope,

*China Aster, *Didiscus, *Nigella, *Thalictrum, *Platycodon, *Hardy Phlox, *Astilbe, *Spirea, *Veronica amethystina, *Veronica longifolia subsessilis, *Campanula persicifolia, *Campanula trachelium, *Hemerocallis (late), *Lilies, *Eupatorium, *Monkshood, *Physostegia, *Michaelmas Daisy (medium).

Background plants for shade: summer blooming—Thalictrum polygamum, Aconitum (Spark's), Chelone lyonii, Bocconia cordata; autumn blooming—Artemisia lactiflora, Lobelia cardinalis, Aconitum napellus, Aconitum wilsonii, Michaelmas Daisies (tall).

Ground covers for shade: Vinca minor, Moneywort, Nepeta hederacea, Pachysandra terminalis.

*Plants marked thus bloom in summer and autumn; others are spring blooming.

“..why, this is charming..”



Home of Rossiter Holbrook, Chilmark Park, Ossining, N. Y., glazed with L-O-F Quality Glass.
Architect, Duncan J. Hunter, New York City

What a spontaneous expression that simple phrase is—and how much more it implies than it actually says! You have used it, surely, when confronted for the first time with some friend's home. Do you recall what prompted you to say it? If you think carefully, you will probably remember that the last thing you saw before you spoke was the merry, bright sparkle of brilliant windows. They fairly pulled the words right out of your mouth, they were so . . . well, so utterly *charming* with their cheerful twinkle. • Guests will say the same of *your* home, too, if flat, clear panes of Libbey • Owens • Ford Quality Glass shine from your doors and windows. The superior brilliance and the lasting finish of this fine product of the glass-maker's art cannot help but draw from everyone that phrase that means so much . . . “Why, this is *charming*.” • May we send our booklet “Quality in Glass for Windows”? A post card will bring it to you, free of charge, with no obligation.

LIBBEY • OWENS • FORD QUALITY GLASS

LIBBEY • OWENS • FORD GLASS CO., TOLEDO, O.
Manufacturers of Highest Quality Flat Drawn Window Glass, Polished Plate Glass and Safety Glass; also distributors of Figured and Wire Glass manufactured by the Blue Ridge Glass Corporation of Kingsport, Tenn.





•this carton of white magic
that makes varnish new!
and makes old floors new!
Schalk Chemical Co., 358 East Sec-
ond Street, Los Angeles. Please send
me, free, a 25c "Get-Acquainted
Package" of Double X Floor Cleaner.

NAME _____

STREET _____

CITY _____

(A3)

No need now to mar the beauty of your home by "putting up" with floors that are dull and dingy, scratched and scarred! For you YOURSELF can restore the lost youth of your floors. And all because of a chemist's discovery called Double X.

- Don't for a moment confuse it with commonplace "cleaners" or "removers." It is a wholly new idea: double-action! In mild solution Double X cleans wax, dirt, grease from floors, woodwork, inlaid linoleum and tile. In strong solution it not only makes varnish vanish but bleaches the wood, ready for refinishing. And does it all in ONE operation!
- All you need is a can of this white magic, a pail of boiling water, a mop or brush, a bit of steel wool. What's more, Double X can't hurt your hands; can't explode; can't raise the grain, burn the wood or buckle the floor.
- We want you to see for yourself why Double X is the most talked-of product of its kind in America! Hence our free offer above. Better mail the coupon now!

DOUBLE X
FLOOR CLEANER

Fences find new favor

Continued from page 100

can be grown successfully near these wooden fences.

Just as wrought iron fences are most desirable when there are lovely views to be framed, the woven wood fences will shut out undesirable scenes. They make possible outdoor eating. Service buildings and laundry yard may be screened from view. Standard heights range from eighteen inches to six feet six inches.

Picket fences can be bought in panels or can be made locally. Labor conditions will determine which is cheaper.

In an effort to get some general idea of fence costs and length of usefulness, this table was compiled by an authority on fences. Prices do not include erection.

In all cases, the cost of the fence, erected, depends on the cost of labor.

The main item of upkeep is painting. This should be done every year. Paint for the job will cost about ten cents a foot, and paint and labor (union) will total about twenty-five cents a foot. If the fence is long—500 feet or more—it is economical to have the paint sprayed on.

Cost of Fences and Their Longevity

TYPE OF FENCE	COST PER FOOT	LONGEVITY IN YEARS
<i>Metal</i>		
Farm (barb wire, etc.)	\$0.05—0.07	8 to 20
Lawn	0.12—0.17	8 to 20
Chain link	0.50—2.00	25 to 50
Chain link, aluminum	1.50—2.75	
Wrought iron	1.50—3.75	20 to 100 (300 known)
<i>Wooden</i>		
Woven rustic wood, cedar	\$0.65—1.50	15 to 25
Woven rustic wood, chestnut	0.75—1.50	30 to 50
Picket (Colonial type)	About 1.00*	Depends on painting.**

*This varies a good deal. Usually it is cheaper to buy it ready made, but there are times when it may be less expensive and just as good to

have the local carpenter make the fence.

**Painting or washing must be done every year.



A PORCH CAN MEAN SO MUCH

Have you a porch? Planning to build or remodel? A cool, inviting porch CAN mean so much as a delightful place to rest or entertain—for children to play or baby to sleep.

Aerolux Ventilating Shades increase porch comfort and privacy. They banish sun-glare and heat, afford complete protection against wind and rain. Inexpensive. Weatherproofed in solid tones or colorful stripes. At better department and furniture stores.

Send for "Better Porch" book of attractive useful porches.

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Please send your free booklet "Better Porches"

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VENTILATING
PORCH SHADES

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You needn't reach in it to clean it

SCRUBBING and scouring toilet bowls is old-fashioned. It's no job for a woman. Sani-Flush does the dirty work for you. And it keeps the toilet sparkling clean and sanitary.

Just sprinkle a bit of this germ-killing cleanser in the bowl (directions on the can), then flush. Down go dangerous bacteria and unsightliness. The porcelain glistens, spotlessly. The hidden trap that no end of scrubbing will ever clean is purified and safe, and plumbing remains unharmed.

At grocery, drug and hardware stores, 25c. (Another use for Sani-Flush—cleaning automobile radiators. See directions on can.)



BEAUTIFUL BIRDS
4 Pairs Assorted for \$15.00

1 Pr. Green Parakeets	-	\$5.00
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1 Pr. Java Rice Birds	-	5.00

ACTUAL VALUE \$19.50
SPECIAL PRICE \$15.00
for all 4 pairs shipped safely to you

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ILLUSTRATED CATALOG FREE TO BIRD LOVERS
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160 designs
moderate cost
"Homes of Today"
with plans, interior and exterior views of appealing interest to the home builder.

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WHY WORRY?...we'll settle that...and How!



● This was a problem . . . but not any more! We've settled it. No one ever did like to get all wet, splashing around the sink taking ice cubes out of metal freezing trays.

So we made flexible rubber freezing trays. And you just lift out the cubes when they're frozen . . . one at a time or all of them. The tray is dry. Your clothes are dry. The ice is dry.

No melting, splashing, tugging, pulling, pounding. The cubes are never shattered or broken. And because they're dry—larger—colder and cube-shaped—they last longer. They're clean and as pure as the water you use.

More than a million forward-looking refrigerator owners are now using this sensible, modern rubber freezing tray. It is standard equipment in all leading makes of automatic refrigerators. Be sure there are flexible rubber trays in the refrigerator you buy. Or if you already have a refrigerator, you can have flexible rubber trays to fit it . . . priced as low as \$1.50 each.

See the local dealer of your make of refrigerator or write us, giving the name of your refrigerator and the number of cubes your ice tray holds.

THE INLAND MANUFACTURING COMPANY
Dept. O-5, Dayton, Ohio



Impromptu meals from the cabinet shelf

Continued from page 80

For the meat course, Marion has one canned stand-by that outshines all the rest—a ready-cooked ham. She sticks this noble animal with enough cloves to suggest a porcupine, gives it a thick blanket of brown sugar and cracker meal mixed with cider or sherry flavor and puts it in the oven for twenty short minutes. As a result, she's always acclaimed as the champion ham-baker of the century, whereas the bulk of the credit should certainly go elsewhere. Excellent companions for this ham are mashed potatoes, the lowly boiled onion in cream sauce, and, if apples aren't at hand, rhubarb or cranberry jelly for the tang.

A word about those mashed potatoes: cut the potatoes in small pieces, cook them in boiling well-salted water till a fork penetrates easily, put through the ricer, add a big lump of butter, a company amount of cream, and more salt than you think you could possibly need. Beat thoroughly. Pile lightly in a hot dish. Add paprika for color. The cranberry jelly is the old 4-2-1 recipe—4 cupfuls of cranberries, 2 of sugar, 1 of water. Boil till the cranberries have all popped. Put through a sieve. Pour into little glasses previously wet with cold water. These set practically as soon as you can chill them in the refrigerator and will also keep throughout the year. If rhubarb is the choice, put as little water with it as possible, add a dash of salt, plenty of sugar—and take off the minute it gets soft.

Next to the ham on the Emergency

Shelf stands an array of fish products that come from a concern which deals direct with its customers. Possibly Marion may be in error, but she believes that nowhere else can their flavor be matched. Here is canned shad roe that people take for the fresh article—lightly sautéed in butter, sprinkled with lemon juice during cooking, and given curls of bacon and (if on hand) little bunches of watercress for garnish. This is at its best with rice. Here, too, are steamed clams that have only to be heated—and the left-over liquid, with a dash of cream, makes a delicious clam bouillon next day. Then there are ready-mixed clam cakes; lobster that "Newburgs" to a charm; shrimps that can be served half a dozen ways, though curried in a rice border and accompanied with balls of stem ginger happens to be Marion's favorite; salmon that makes croquettes, or a most delectable loaf; clam chowder that can't be beaten in Gloucester where it came from; and lobster sandwich paste that goes to the beach on picnics in summer and teas before the fire in winter. Many of these delicacies, made into salad, can be the main dish at a summer lunch.

Speaking of salads—no doubt you know the new prepared gelatine that sets in about half the usual time. Choose the lemon flavor, add a sectioned grapefruit and a sliced alligator pear—or do without the latter—and you have a splendid salad with the addition of lettuce and mayonnaise.

But the lemon flavor—also the



"Now You, Too, May Enjoy

THE SAME DELICIOUS LOBSTER

We're Feasting On In Gloucester!"

WILL YOU TRY what some folks have said is the nicest fresh lobster they ever tasted, if I send it to you at my risk and expense?

NO MATTER WHERE YOU LIVE, you may enjoy this tempting dainty just as we are here in Gloucester. My method of supplying you brings Lobster into your home as fresh and dainty as though you could see from your door the rocky island of Freeport where the choicest lobsters in the world come from! Right out of the lobster traps I take them—pack just the crisp, tender, whole-claw and body pieces of pink-white meat in parchment-lined packages, so as to retain all the wonderful deep-sea flavor, and deliver direct to you.



Right from the Sea . . . At Half Cost!

EACH PACKAGE contains all the good meat of nearly two pounds of lobster in the shell, and when you figure that lobster in the shell costs from 50c to 80c a pound, you see that my lobster really costs much less than half—for what you actually eat!

Try This Fresh Lobster at My Risk

JUST TO SHOW YOU how good it is—I'm going to send you, if you'll let me, six full sized packages of this Delicious Lobster. If, after trying a delicious Lobster Salad, Stew or Newburg, you decide that this fresh Chicken Lobster is the best you've ever tasted, put the remaining five packages on your pantry shelf for other happy meals. On the other hand, if you wish, you may return at my expense the five packages and owe me nothing.

COULD ANY OFFER be fairer than that? Mail the coupon and see for yourself.

FRANK E. DAVIS, The Gloucester Fisherman
333 Central Wharf Gloucester, Mass.



MAIL THIS COUPON

FRANK E. DAVIS, The Gloucester Fisherman,
333 Central Wharf, Gloucester, Mass.

All right, Mr. Davis: You may send me, prepaid east of Utah, the six packages of Fresh Lobster. I'll try the contents of one package and if I do not agree that it is something unusually good, I'll return five packages at your expense. Should I decide to keep it, however, I'm to send you, within 10 days, \$3.60, your special introductory price. That's fair!

Name
Address.....
Bank or Other Reference.....

Remember—My packages of Lobster are hermetically sealed—will keep in your home for months. My Cook Book, sent FREE with your Lobster, gives you many wonderful recipes.

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NO smoky fireplaces with Heatilator construction. What's more, you get healthful, warm air circulated throughout the living room and adjoining rooms. And you can have any kind of fireplace design you like.

These advantages in fireplace construction are made possible by the Heatilator—a double-walled metal form, around which any style of fireplace can easily be built. This unit takes cold air from within the room or outside, passes it around the fire, and sends it out warm and healthful, to circulate over the entire room. Saves furnace operation during cool spring and fall weather. Only heat required for homes in mild climates. Ideal for summer cottages, cabins, and camps.

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Send me without obligation full information on Heatilator Fireplaces.

Number.....fireplaces.

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EVEN THE SMALLEST HOUSE HAS PLENTY OF ROOM *for Comfort*

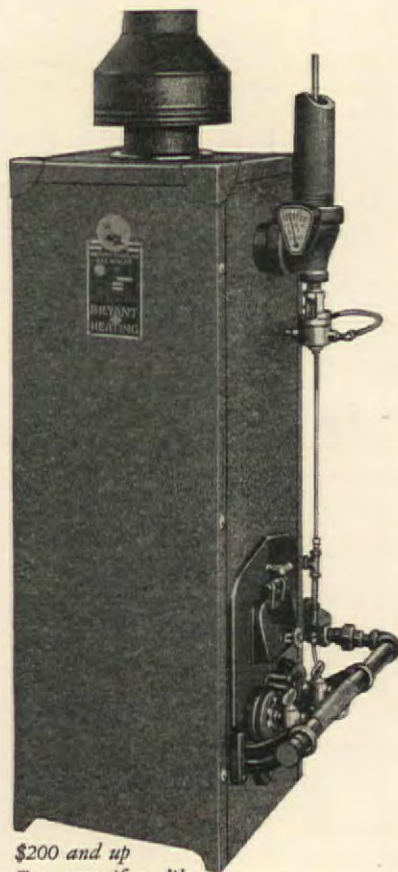
If you're planning a small home, give up the gilt and glitter of a mansion if you like, but *bold out for comfort*. It's easy to make certain—specify Bryant Automatic Gas Heating. Bryants differ only in size. The model for the smallest home gives you exactly the same automatic steady, effortless warmth as the most expensive size gives the largest house.

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Easy terms if you like

BRYANT
Automatic **GAS**
HEATING



*Lets your pup
be your
furnace man*

Impromptu meals from the cabinet shelf

orange—may be made into coffee jelly for dessert, by using left-over coffee instead of the prescribed water, or the same thing may be worked with cider. Topped with whipped cream and chopped nuts, or merely with a rich custard, it goes down successfully, accompanied by cake. Or the same jelly can win its way via the pineapple can. Every housekeeper presented with emergencies ought to keep on hand a supply of pineapple, both crushed and sliced. A slice with cream cheese balls in the center can play salad. A slice fried in butter cheers up a breaded and lemon-juiced veal chop. On a hot day, the contents of a can of crushed plus a can of grapefruit makes the coolest dessert in the world.

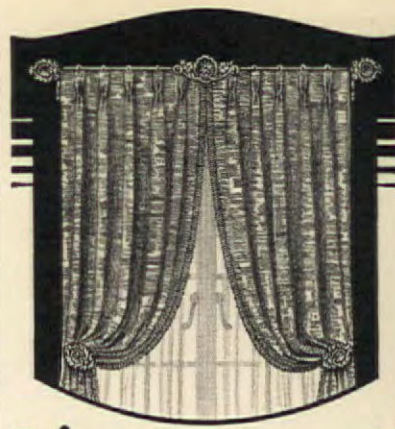
But to trot back to the gelatine contingent. The same company responsible for the quick-setting variety has recently turned out a chocolate pudding and a vanilla team-mate that set with rapidity and preserve a marvellous consistency due to being based on arrowroot. The vanilla can be turned into an exceedingly fancy dessert by the addition of a teaspoonful per portion from one of Marion's pet bottled favorites, where all sorts of delicious fruits nestle together with marrons in a rum-flavored sauce. This same miracle worker, inserted in plain refrigerator-made ice cream, turns it into frozen pudding.

But space draws perilously near to a close—long before we get to the end of Marion's Emergency Shelf. We find the best fig pudding in the world under a world-known brand name. An excellent sauce recipe comes wrapped around it, but Marion prefers hard sauce—equal parts butter and powdered sugar flavored with brandy-extract. Branded shelled walnuts also appear in the line up—always fresh, to chop for desserts or salads, to break up for that famous nut bread, to use in perfect halves to top little cakes, to sprinkle into chocolate fudge that scarcely takes fifteen minutes from the time it's thought of till the guests begin the process that cleans the pie plate. At the other end of the shelf, we mustn't forget the perfect spaghetti in tomato sauce. Marion fries chopped onions in butter, empties the can, adds a couple of tablespoonfuls of the best chutney ever bottled—and there's never a smidgen left. To get at the contents of all these cans, Marion has the best can opener on the market—a little wizard that turns with a screw and cuts the top off even.

MRS. MACK'S DEVIL'S FOOD CAKE

- 2 eggs
- 2 cupfuls brown sugar
- $\frac{1}{2}$ cupful butter
- $\frac{1}{2}$ cupful Baker's Cocoa
- 1 cupful milk
- 2 cupfuls flour
- 1 rounded teaspoonful soda
- 1 teaspoonful vanilla

Cream butter and sugar. Mix flour and cocoa. Dissolve soda in milk. Beat eggs, whites and yolks, separately. Add yolks to butter and sugar, and put in flour and milk alternately. Fold in whites. Bake in moderate oven. Put some of the mixture in gem pans, icing after cooling with white of egg, beaten,



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WOULDN'T you like to have windows that everyone admires? Windows whose draperies have that tailored, expensive look? Windows whose drapery fixtures harmonize with the other furnishings of your home?

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Please enclose ten cents (stamps or coin) to cover mailing cost.

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THE BASSICK COMPANY
Bridgeport, Conn.

Bassick
casters



1932 IN PURPOSE . . . 1732 IN PATTERN

Nothing is smarter at the start of a luncheon or a dinner than an iced-appetizer (tomato-juice cocktail, fruit cocktail, clam-juice cocktail, cold shrimps, etc.). And nothing is quite so perfect to serve it in as this Fostoria iced-appetizer set, consisting of an ice-bowl and 3 containers of different shapes and sizes that fit into the bowl. The set illustrated is in the lovely, old "Hermitage" pattern and comes in 6 colors.

A TOUCH OF COLOR

This quaint Fostoria vase, containing a few old-fashioned flowers, lends just the accent of color needed in so many rooms. Beautiful in itself, it adds beauty to the flowers it holds. It comes in green, crystal, ebony and topaz, and is surprisingly inexpensive.



A GIFT SET

Whether you're dry, damp, or thoroughly wet, here is a Fostoria drinking set that will delight you. It consists of 6 highball glasses, 6 "old-fashioned" cocktail glasses, and 6 "ponies" that you may use at your discretion. Packed in an attractive gift box, you can get this set in any one of 8 colors, or a rainbow combination of all.

To get the smartest and latest information on table settings, both formal and informal, write for the interesting booklet, "The Glass of Fashion" . . . Fostoria Glass Company, Dept. AH-5, Moundsville, W. Va.



Impromptu meals from the cabinet shelf

combined with as much powdered sugar as it will hold, flavored with lemon juice and sprinkled with chopped nuts.

JIFFY SPICE CAKE

$\frac{1}{2}$ cupful Crisco
 $1\frac{1}{2}$ cupfuls brown sugar
 2 eggs (save 1 white for icing)
 $\frac{1}{2}$ cupful milk
 $\frac{1}{2}$ teaspoonful lemon extract
 $1\frac{1}{4}$ cupfuls all-purpose flour
 3 level teaspoonfuls baking powder
 $\frac{1}{2}$ teaspoonful salt
 1 teaspoonful cinnamon
 $\frac{1}{4}$ teaspoonful nutmeg
 $\frac{1}{2}$ teaspoonful cloves
 $\frac{1}{4}$ teaspoonful ginger
 1 cupful chopped raisins

Cut raisins with scissors or chopper. Put all ingredients together, beat thoroughly, bake in shallow pan in moderate oven for 25 to 30 minutes. Sprinkle with powdered sugar while warm or ice with Seven Minute Icing.

SEVEN MINUTE ICING

Put $\frac{1}{2}$ cupful granulated sugar, $\frac{1}{2}$ teaspoonful cream of tartar or baking powder, 1 egg white, and 3 tablespoonfuls hot water in top of double boiler. Have water boiling in lower part. Beat till thick enough to spread. Add $\frac{1}{2}$ teaspoonful vanilla.

Decorating the living room in a small home

Continued from page 73

We wish to acknowledge the courtesy of the following firms in lending us material for illustration in connection with the drawing on page 73 and on the cover of the magazine: pine paneling, Shevlin, Carpenter & Clarke Co.; desk, Salisbury Furniture Co.; tilt-top table, Richter Furniture Co.; armchair, Erskine-Danforth; upholstery, Waverly Fabrics; andirons and bellows, Todhunter, Inc.; sofa, L. and J. G. Stickley; upholstery, Orinoka Mills; sconces, Cassidy Co.; rug, Firth Carpet Co.; silhouettes, Foster Bros.; butterfly table, W. F. Whitney Co. Inc.; trestle table, L. and J. G. Stickley; tuckaway table, Salisbury Furniture Co.; valance, R. H. Bemish; clock, Seth Thomas Clock Co.; curtains, Orinoka Mills; glass curtains, Leshner, Whitman & Co., Inc.; table lamp, Lee Kogan, Inc.; desk lamp, Tuttmann; flower holder, Grow & Cuttle; desk chair, Conant-Ball Co.; stool, Old Colony Furniture Co.; footstool, E. E. Burroughs; Pilgrim chair, Baker Furniture Factories; wastebasket, R. H. Macy & Co., Inc.; tea set, Towle Mfg. Co. Picture on page 71.: rug, Firth Carpet Co.; table, Erskine-Danforth Corp.; mirror, Salisbury Furniture Co.; sconces, Cassidy Co.; glass bowl, Gilman-Collamore & Co., Inc.

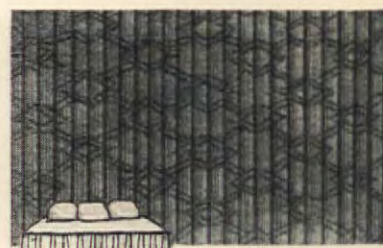
For the products shown in the border on pages 72 and 73 we are indebted to the following firms: (starting at top of page 72) lamp, Lee Kogan, Inc.; mirror, W. F. Whitney Co.; roundabout chair, Baker Furniture Factories, Inc.; comb-back chair, The Stickley Mfg. Co.; chintz, "Great Lakes" Waverly Fabrics; desk, Baker Furniture Factories, Inc.; tilt-top table, Salisbury Bros. Furniture Co.; wing chair, W. F. Whitney Co.; settee, The Stickley Mfg. Co.; trestle table, Salisbury Bros. Furniture Co.; cupboard, The Stickley Mfg. Co.

QUICK-CHANGE to summer charm! SLIP-COVERS

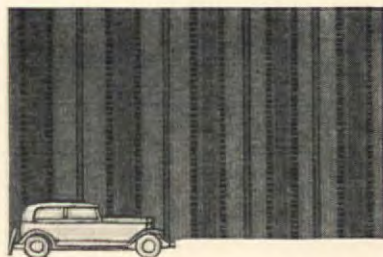
Give tired rooms this quick tonic! You can slip-cover anything that needs it, right at home, with huge success, using these very-workable new Colonial Drapery Fabrics. This is our special slip-cover series for summer, 1932. Fast to sun and washing. Sold at leading department and household furnishing stores. Send coupon below for free booklet of ideas and directions.



• LENNOX—Two-tone, medium-weight texture for furniture. Exclusive pattern, rich in character. Sewa well. About 75c a yard.



• TAPETTE—Another new tapestry effect for house or porch. Good background colors for bright pillows. About 60c a yard.



• BELLEVUE—Colorful stripes to freshen your car. Good weight to sew on. Doesn't wrinkle nor show dust. Only about 25c a yard.



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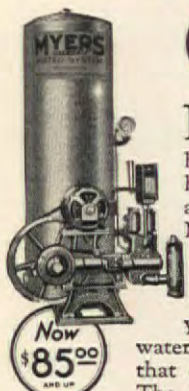


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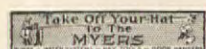
IN thousands of suburban and country homes, estates, farms, hotels, institutions and business places, MYERS Water Systems are giving steady, dependable service, year in and year out—supplying water at a cost far below that of city water rates. The MYERS Electric Water System is completely automatic—self-starting, self-stopping, self-oiling—requiring almost no personal attention of any sort. Other MYERS Water Systems are powered by hand, windmill or gasoline engine. There are models to fit every need; for deep or shallow wells; in capacities from 150 to 10,000 gallons per hour.

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Pumps, Water Systems,
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"Pump Builders
Since 1870"



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Now
\$130.00
and up

Summer chintzes

Continued from page 75

total of these inches and you will have $5\frac{1}{2}$ yards of material to procure, if you were just considering a dust cover and no pattern to match (your allowance for matching depends upon the repeat). For a box-plaited ruffle allow $1\frac{1}{2}$ yards and

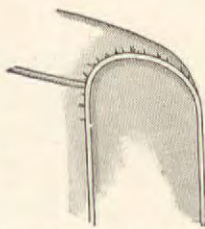


Figure 5, showing the welt on the arm of a chair

for a separate chair seat, add another $1\frac{1}{2}$ yards which will make a total of $8\frac{1}{2}$ yards.

After we have bought our material we shall turn tailor with scissors and pins. If you follow your measurement directions, cutting off the required amounts after pinning the material together, I see no reason for any mistakes in the execution of a trim cover. See Figure 2, showing chair cover when pinned and cut off. There are many finishes for the seams, either just plain French seams, bound seams, or seams finished with a cord or welt. As this welt may be bought (through any decorator's office or upholstery department of any department store) in 18-yard pieces, my suggestion is to finish with the

welt, which gives a most professional aspect. Figure 5 shows the welt on the arm of a chair from the right side. All the stitching should be done on the wrong side, thus giving a professional appearance.

There is one very important point and that is the opening. This is best made like the old-fashioned placket, finished with snappers or zippers. Use plenty of snappers and make the opening amply large. I think the opening shows least if it is fastened at the side of the back leg as is clearly shown in Figure 3. The chair seat, of course, is cut separately and I like the seat "boxed." With a design this is important as you must have your design on both sides the same so the cushion may be reversible. Figure 4 shows the slip cover finished.

Another use for a slip cover which affects our small apartment house client more than any other is to use it to camouflage the day-bed, making



G—A copy of a Fortuny referred to on page 75

If You Love BIRDS



Joseph H. Dodson

Send for Joseph H. Dodson's interesting book—"Your Bird Friends and How to Win Them." Beautifully illustrated with more than 50 actual photographs of bird life. Mr. Dodson, long recognized as America's foremost bird authority, tells all about attracting birds to your premises—the kind of Houses, Feeding Stations, Shelters and Baths they prefer. You will get untold pleasure from the song birds—listening to their cheery songs and watching their interesting habits. They are useful too, as they destroy cut-worms, bugs, moths, flies, mosquitoes and other destructive insects.



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..... O. R. C., 1932

Summer chintzes

the bed take on an overstuffed sofa appearance and trying up the color scheme with a slip cover on an odd chair 'n the room as shown on page 74.

The chintzes illustrated in Miss Lonsdale's articles were selected from the new lines of the following wholesalers: F. A. Foster & Co., Stroheim & Romann, F. Schumacher & Co. If they are not available in your locality they may be bought at retail from Miss Lonsdale by addressing her in care of THE AMERICAN HOME.

DESCRIPTION OF CHINTZES SHOWN IN THIS ARTICLE

A—This chintz comes in four colorings, the colorings in the design being the same, with a rich yellowy cream, ashes of roses, buff, or green background. It comes glazed for \$1.05 a yard and unglazed for \$1.00 a yard, and is 36" wide.

B—This material comes unglazed only, with the same background of tan with the design varying in the color combinations of tawny yellow and rose with blue leaves, with green leaves, and with brown leaves. This is 36" wide and retails for 45¢ a yard.

C—This chintz is a new one, coming 50" wide with a scroll stripe design with backgrounds of old rose and gold, paille green and gold, pumpkin and gold, and henna and gold. The flowers are in reds, blues, and grays. This retails for \$1.30 a yard.

D—This cretonne comes with two tan backgrounds, the design varying with yellow, orange, and blue flowers; or red, rose, and blue flowers; with a tête de nègre background with red, rose, and blue flowers; and with a green background with red, rose, and blue flowers. It is 36" wide and retails for \$1.00 a yard.

E—This is a glazed chintz 36" wide and comes with green, gold, peach, and coral backgrounds. The large flowers are in red, gold, tan, and rust; the smaller flowers in the sprays in blue and green. This sells for 50¢ a yard.

F—This is a glazed chintz of a striped design, these stripes alternating in yellow and blue or yellow and green. It comes also with a white stripe with orchid, blue, rose, turquoise, or green. This is 36" wide and sells for 90¢ a yard.

G—This is a copy of a Fortuny and comes in green, rust, mulberry, red, blue, or gold. It is 36" wide and retails for \$1.20 a yard.

H—This chintz has gay bunches of flowers with Nile green, coral-pink, gray-blue or a warm tan background. It comes glazed for \$1.05 and unglazed for \$1.00. It is 36" wide.

All the fabrics illustrated in this article are sunfast.



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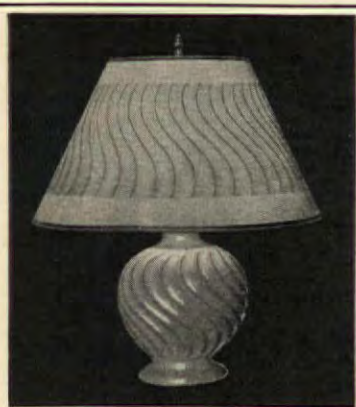
by DIANA NORTH

FOR a jolly lunch set that would cheer up the worst misanthrope that ever lived I recommend the Tony Sarg Marionette Linen luncheon set. This set consists of thirteen pieces, a long narrow runner (which is not shown in the photograph) is 22" long, by 11" wide, and has a gay border of birds, butterflies, and flowers. The rest of the set consists of the four doilies which are shown in the center part of the photograph, and four "lapkins," larger than the doilies, of which two are shown, one at the top and one at the bottom of the picture. The decorations are printed in bright, fresh colors, on a white background. No two pieces are alike, and, if you wish to enlarge your set you may buy a second one, of twelve pieces (the runner being omitted) and none of the twenty-four will be alike. The set shown is \$4.50 postpaid, and the twelve-piece



mered and decorated in an individual geometric design. I am showing three different designs, but you may specify any number of the same design on special order, at the same price, which is \$2.50 for each tray, postpaid. Please allow ten days to two weeks for special orders. THE SPANISH & INDIAN TRADING COMPANY, Santa Fe, New Mexico.

An appropriate gift for your week-end hostess would be the Fostoria glass service (shown in the box) for six people, consisting of eighteen glasses in small, medium, and large sizes. Each set of three is in its own color, the range being three in peach, three in orchid, three each in light and dark amber, and three in pale green and pale blue. Set complete \$5.00. STERN BROTHERS, 41 West 42nd Street, New York City.



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THE boulevard shop
141-05 Northern Blvd., Flushing, N. Y.



set is \$4.00. The pieces are printed on good quality linen, and each one is finished with a strong edge of red machine-stitching in a button-hole stitch. Orders may be sent to Alice Foote MacDougall, 6 West 46th Street, New York City.

A china novelty which is unusual enough to be considered even as a small wedding present is shown below. It is a round cake plate and matching server, both of imported china with a dainty Dresden design of scattered flowers in gay colors on a cream background. The plate is 11 1/4" in diameter with a gold edge, and the flat china server 10 1/4" long, and 3" wide in the broadest part and also decorated with gold. The price for both pieces, postpaid, is only \$1.50 from that famous old New England house of charming novelties, DANIEL LOW & COMPANY, Salem, Massachusetts.

The ash trays (above, left) are made by Indian craftsmen at the Zuni Pueblo in New Mexico. Each one is 2 3/4" in diameter, and is hand ham-

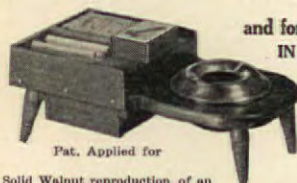


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MAY 8

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and for Dad
IN JUNE



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BOBBINK & ATKINS
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What's the modern trend in Gladiolus?

Continued from page 95

as it is odd. Smoky is a tall, rather irregular primulinus grandiflorus with a chestnut brown color. Its color and velvety texture are both admirable, but it is like all of the other smoky varieties; the gray-lavender tone in it outlasts the other shades, and it quickly fades to a dull, slaty tint. But, despite this fault, the variety is so striking that two growers have introduced it as their own, and it is known on the Pacific Coast as Sacajawea and as Smoky in Canada. Brown Wings is a huge primulinus grandiflorus of a streaky dark brown smoky color, not so tall but larger flowered. Hinamoa is another tall, dark smoky, with a conspicuous white throat, getting its queer name from its birthplace in New Zealand. The large size of its flowers, long spikes with several flowers open and its oddity have made it popular in recent shows. A very showy new one is Our Selection, a ruffled variety of very mixed coloring, with orange, pink, rose, and slaty tints in it. Its tall, many-flowered spikes resemble the lighter colored smoky salmon-pink Cameo from Metzner. Rosewood is aptly named. Its rose color is streaked with darker tints like the wood for which it is named. Whether any of these new ones will be more popular than smoky rose Emile Aubrun or its pale gray counterpart Marmora, White-throated smoky Desdemona, or dark Saraband remains to be seen. The ruffled gray Lavender Bride seems very like Marmora, except for the ruffling and should attain equal popularity, though less showy.

NEW PURPLE GLADIOLUS

There are several new and striking purples. Reah is a good wide open mauve purple with a velvety deep purple throat, and Annette, a red, purple with similar throat marking has still more contrast in its coloring. A still more striking effect is produced by the large white throat on the magenta-purple ground color of Wake Robin. In more nearly self colors, dark velvety purple Flor Rico, deep red-purple Purple Queen, mauve Royal Lavender and deeper purple Paul Pfitzer are all good large flowers. Kalamazoo is a brilliant magenta-purple of such striking color that it cannot be overlooked. Shading more toward the blue, Kohinoor is one of the tallest and largest of the deep, clear blue-purples. It resembles Baron Joseph Hulot in form and habit, but is larger and a little more toward the red in color.

In the violet shades, many new things are being talked about, and some of them may be really improvements over deep violet Veilchenblau, or paler Madame Von Koninberg or Heavenly Blue. Blue Triumphator is truly a giant, but seems a rather pale, dull color and opens few blooms at a time. None of the others has been sufficiently shown to judge at all.

Lavenders and lavender-pinks were always reasonably abundant, and well represented by fine specimens. Some of the newer good ones are Dr. Moody, which is tall and showy and sometimes inclined to be flaked with deeper lavender; Berty Snow,

equally showy or more so; Jubilee, a very large flowered lavender-pink, similar to Pink Wonder except in color; Royal Beauty with its pretty combination of cream throat and lavender and tall, stately Frances Elizabeth. If a graceful ruffled flower is preferred, light lavender-pink Her Majesty is a good one. Jean Butcher and Buffalo Bill are also among the good new ones, but whether any of them can surpass well-grown spikes of the oldest favorites Minuet, Mrs. F. C. Peters, Capt. Boynton, or Miss Maud Fey is at least open to question.

Rose-pinks and rose-reds are not well represented, and the pale ones, like Plumed Knight, a really showy long spiked new variety, and ruffled Nellie Barrett, dark-throated Del Rosa and Pearl Luster are more plentiful than the darker ones, such as tall bell-shaped Plumosa, lighter-colored Rosita, and brilliantly colored Leonard Barron.

REDS PLentiful AND VARIED

Reds are as plentiful as they are varied, so only brief mention of a few of the most outstanding introductions call for special comment. Sultan, a tall, ruffled bright red giant, stands in the first rank. In the deep maroon-reds, Montenegro is one of the good ones. Red Grange, ruffled Roald Amundsen, Roodkapje, Finn Malingren, and Horace are large flowered scarlets; Asflame is the outstanding new primulinus grandiflorus in red, and Scarlet Beauty and Scarlet Bedder are both fine large worthwhile primis. Red Pendleton is a curious brick red, with a deep blood-red blotch like that of Mrs. Frank Pendleton. This by no means exhausts the long list of good new reds, though none of them can greatly surpass Dr. F. E. Bennett as it is grown and shown in Hartford, Conn., every year.

When one recalls that such outstanding varieties as Mrs. Leon Douglas, W. H. Phipps, and Catherine Coleman all border on the salmon-pink, it is not easy to name new competitors, and the new ones really are not that. But there are a number of less spectacular and fully as useful novelties in this color. Harriet Mae is a prettily creped apricot-salmon. Illusion, Ben Hur, Lord Roberts, and Rose Marie are all fine large flowers. Antonia Antonette, Montecello, and F. M. Shick are all showy and open many blooms, but none is nearly so massive as W. H. Phipps. Marolee is worthy of special mention because of its combination of clear salmon-pink and conspicuous yellow throat.

MANY NEW LIGHT PINKS

The good new light pinks are equally numerous, and the choice here is largely a matter of taste in colors. Creamy pink Lotus, pale Harmony, and Fontaine all have pleasing colors. Some of the big ones are Queen Bess, Mrs. T. E. Langford, and Rosary. Meadow Beauty is a ruffled and Beauty's Queen often a laciniated light pink, while the Scotch variety, Mrs. Galbraith is really a show flower when well grown. (Continued on page 118)

Garden reminders

North

The Flower Garden—Seeds to be sown this month include Ageratum, Arctotis, Aster, Calendula, Centaurea, Delphinium, Gypsophila, Helichrysum, Lavatera, Nasturtium, Petunia, Portulaca, Salpiglossis, Scabiosa, Stock, Snapdragon, Salvia and Zinnia. . . . There still is time to sow seeds of hardy annuals. . . . Get summer bulbs into the ground by the end of the month. . . . Put bedding plants out by the 25th. . . . Disbud Peonies. . . . Give Peonies dose of liquid manure. . . . Stake perennials. . . . Transplant some of the perennials and get them into their permanent places. . . . Let leaves of spring bulbs ripen before digging up. . . . Apply Bordeaux mixture to Rose bushes; give a little lead arsenate, too. . . . Continue sowings of Sweet Alyssum. . . . Take protection off Roses completely by the 30th. . . . Continue to watch the weeds. Extreme vigilance is the price of a good garden. . . . Keep light mulch available in the event of a late frost the early part of the month. . . . Prune spring flowering shrubs that have finished blossoming. . . . Put Azaleas, Genistas, etc., outside for the summer. . . . Plant Pond-lilies. . . . Stake Sweet-peas.

The Vegetable Garden—Seeds to be sown include Artichoke, Beets, Carrots, Celery, Cress, Kohlrabi, Beans, Brussels-sprouts, Cauliflower, Corn, Cucumber, Lettuce, Onion, Parsnip, Potatoes, Salsify, Early Turnip, Spinach, Radish, Peas, Parsley, Melons, and all herbs. . . . Watch Cabbage, etc., for insect pests. . . . Thin out hardy vegetables. . . . Don't let rhubarb go to seed. . . . Make good use of the cultivator. . . . Set out early Tomatoes in the open, in addition to those started in the coldframe. . . . Harden off Eggplant and Pepper. . . . Transplant Celery and Tomatoes. . . . Give leaf crops some nitrate of soda. . . . Stake Tomatoes the end of the month. . . . Resolve to make several sowings of short crop vegetables.

Miscellaneous—All spading and ploughing to be finished by the middle of May. . . . Encourage the birds; they are good for the garden. Make up some porch boxes. . . . Spray Elms for beetle, with lead arsenate. . . . Have labels ready for use when needed. . . . Keep after insects and diseases. . . . Keep the spray chart handy. . . . Small fruits must be planted by the middle of the month. . . . Take cuttings of house plants and Chrysanthemums. . . . Keep recently transplanted evergreens well watered. . . . Don't let Rhododendrons go to seed. . . . Prune hedges and informal evergreens. . . . Prune Maples when buds are bursting. . . . Give shrubs an application of prepared plant food. . . . Mulch Strawberries with clean straw. . . . Protect seedlings during cool weather. . . . Sunshine, water and a combination of nature and good care will produce good, sturdy plants, but often nature must be helped along. Plant foods are often necessary, they may mean the difference between failure and success. Among

the best are Vigoro and Loma. They are safe, effective, and easy to handle. Get a supply now, and keep them on hand, ready to use when necessary.

South

Miscellaneous—Spray Grapes every two weeks with Bordeaux mixture until they begin to ripen. . . . Peaches and Plums can be sprayed this month with lime-sulphur, for San Jose scale, brown rot, or peach scale. . . . To keep down white fly, and scale of all sorts, as well as the sooty mould, spray with oil emulsion Oranges and other Citrus fruits, and hedges of Privet, Yaupon, etc. . . . Plant vines to cover fences and garages, including such annuals as Morning-glories, Moon-vine, Cypress-vine, Cardinal Climber, Thunbergia, Balloon-vine, Jack-bean, Sword-bean, and Maurandia. . . . If the weather is dry, water thoroughly once or twice a week, and cultivate the surface to prevent caking. . . . Now is the time to start a water garden, dig a pool, or erect a bird-bath. . . . Tender Waterlilies are better for the South than the "hardy" kinds often used in the North. Southern dealers can supply Nymphaea and Nelumbium by May 1st. Nymphaea odorata (native), and Nymphaea zanzibarensis for day bloom, and for night bloom Nymphaea devoniensis and Nymphaea rubra are recommended. . . . Plant native Iris about the edge of the pool, where the hydrant drips, or in low places in the garden.

The Flower Garden—Prune now the early-blooming shrubs, cutting out old canes to give new ones more room; but do not top such shrubs as Spirea, Deutzia, Philadelphus, etc., that bloom on the terminals. . . . Prune climbing Rambler Roses in the same way, cutting back the canes that have bloomed. . . . Fertilize Roses now for midsummer bloom, using a teaspoonful of a prepared plant food to each bush, in a circular trench about a foot away, and work it in. . . . Cut back Buddleia as it blooms, removing each old spike, and keep well watered. . . . Plant Gladiolus once more. Next month will be too late for the Far South. . . . Plant Dahlias toward the end of the month for autumn bloom. . . . Perennial seeds may be planted now, or as they ripen later, in a special bed protected from the heavy summer rains. . . . Sow Cosmos, Sunflowers, Impatiens, Gomphrena, Gaillardia, Vinca, Petunia, Browallia, Torenia, Zinnia, and other heat-loving, late-blooming annuals. . . . Set out Coleus, Acalypha, Amaranthus, Alternanthera, and other foliage plants to beautify the grounds when midsummer rains spoil the beauty of blossoms. . . . Replace the English Daisies, Columbine, Pansies, Lobelia, and other early blooming border plants with Cynoglossum, African Daisies, Erysimum, Portulaca, Verbena, or with bulbs like Montbretia, Nerine, Lycoris, Zephyranthes.

The Vegetable Garden—Corn, Melons, Cucumbers, Squashes, and Pumpkins may be planted, where Potatoes and Onions have been taken out. . . . Lima (Continued on page 119)

Rock and Hardy Plants

Early Results With Late Planting Of HARDY PLANTS and ROCK PLANTS Secured With Roots Like These

MOSES, you recall, finally convinced Pharaoh that trying to make bricks without straw was a losing game. By the same token, you must by this time have convinced yourself, that you can't expect tops if you haven't bottoms.

Only as the roots on hardy plants are abundant and husky, will you get thriving tops and first-year blooms. There have been any number of other ways tried, but all have failed.

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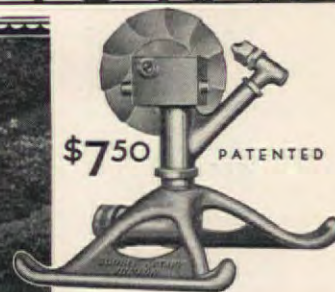


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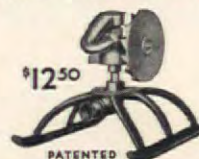
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A Garden Full of Dahlias

For \$3.75



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Few flowers, whether used for garden decoration or principally for cut blooms to decorate the home, are as responsive to simple garden culture as our Modern Dahlia. It has made wonderful advancement in size of bloom, habit of growth and profuse blooming qualities.

This year, instead of a collection of unnamed varieties which we have been offering for a number of years, we are making a Special Offer of

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—one tuber each of the following, separately labelled, which if bought individually would cost \$7.50. Sold in collections only.

Ambassador (Cactus)—A soft yellow, with salmon, amber and pink shadings.

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Order Your Tubers Now and plant after the middle of May or when all danger of frost is past. Cultural instructions in each package.

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THE AMERICAN HOME acts as a clearing house between reader and manufacturer. You can order the booklets you wish on the coupon at the bottom of page 117. We will forward your name and address to the manufacturers involved, and they will send their literature direct to you.

—HEARTHSTONE EDITOR

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All first size mammoth bulbs.

3 Regale (Regal Lily)—Long white trumpets touched with rose. Centre, canary yellow. 3-4 feet. \$1.00

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Totty's garden roses embrace all the outstanding novelties as well as the old favorites. They are all strong, field-grown plants, vigorous and healthy. For new gardens, and for variety in old gardens, we offer a special selection,

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Among the many Totty Perennials none surpasses in popularity our famous

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No expense or care has been spared in the selection of our named varieties. No expense is being spared to keep up the high standard. Named varieties \$30.00 a dozen; standard hybrids \$5.00 a dozen. Names and full details on request

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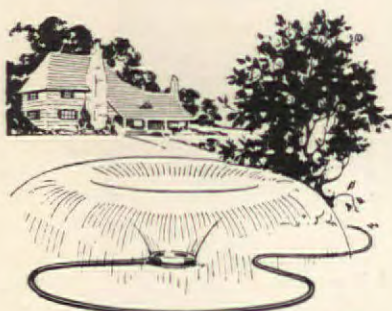


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In fact, it is the finest hose you can buy.

It is light in weight—extremely durable—lies flat and kinkless—and is as handsomely emerald as the grass it coaxes to grow.

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GOODYEAR EMERALD CORD HOSE

Tune in on the Goodyear program over N. B. C. Red Network, WEA and Associated Stations

What's the modern trend in Gladiolus?

Continued from page 114

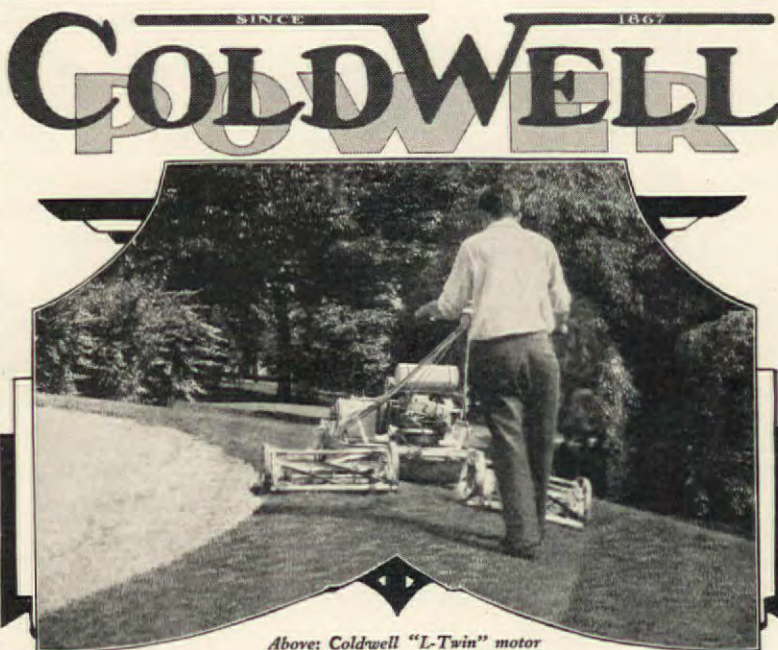
though its color is not so clear as many others in the list of new pinks.

Most of the good orange Gladiolus are in the primulinus class and inclined to be small. Del Oro, orange with yellow throat, is a conspicuous exception. Among the primulinus grandiflorus sorts, Orange Wonder is relatively new, while Marnia and Nancy Hanks are both still in the first rank. The new and much-heralded Winged Victory proves to be a brilliant flame-salmon-orange, worth while for its fine coloring, whether it ever lives up to its acclaim of the largest Gladiolus or not.

New forms in Gladiolus are commonest among the primulinus hybrids and since yellow is the prevailing color there, it is not surprising that there are many new and odd yellow pinks and primulinus grandiflorus varieties. First, there are two pink-edged yellows, an interesting and attractive combination. Both Juliana and Canori are pale yellows, but Juliana has the deeper colored border, being nearly orange red. Then there are two very large primulinus grandiflorus; Primate, a tall late deep yellow and Draco Gloriosa, a good yellow and orange veined flower. Ruffled yellows have not been neglected. Golden Sunset and Laureate are both dainty ruffled varieties, and Magnet from Crow is a tall, well-ruffled deep yellow. Oregon Queen is really a light cream, scarcely entering the yellow group, but is one of the showiest, having seven to nine large blooms open at the same time. It is

too pale to be a competitor with Golden Measure, which still holds the lead among yellows, with Canberra from Australia the only serious contestant. Canberra is a little lighter in color, equally tall and large, but its flowers are not as well placed, having a tendency for them to spread apart into two rows with a gap between. This gives an untidy appearance frowned upon by the makers of score cards.

Good whites seem always in demand, whatever may be the changes in fashions in other colors. Ruffled whites are particularly attractive because their frilled form relieves the severity of the cold coloring. Mary F. Snow, a new one from Crane, is particularly well formed. White Orchid is more deeply frilled, having a crepe-like texture to the very center. Olive Goodrich, white with a light pink feather edge is a happy color combination, though not otherwise remarkable in either size or form. In tinted whites, Lotus is another very handsome one, its large, wavy-edged flowers being tinted very lightly with cream and the faintest suggestion of pink. Among the large ones, Imperator and Betty Darnell both verge strongly toward the cream, but Imperator, despite its lateness and creamy tint, has been put forward as a contender in the white class. The real show whites just now are Mrs. F. C. Hornberger, Vaughan's White, Albatross, Mammoth White, and possibly Jonkeer von Tets.



Above: Coldwell "L-Twin" motor lawn mower and roller. Mows and rolls simultaneously 4 to 6 acres a day. With Gang units attached it cuts a 60-inch swath, ten acres a day on one gallon of gasoline.

You Can Now Have Finer Lawns and at Less Expense

THE 1932 Coldwell Dependable Power Lawn Mowers and Rollers have set a new standard for **PERFORMANCE** and Dependability.

Powered with a new smooth-running twin-cylinder motor. New type speed control provides greater flexibility for trimming.

Let us send you details of many other new and outstanding refinements, also name of nearest authorized Coldwell Sales and Service Agency.

COLDWELL LAWN MOWER COMPANY, NEWBURGH, NEW YORK, U. S. A.
In Canada—Taylor-Forbes Co., Ltd., Guelph
Manufacturers of **DEPENDABLE Lawn Mowers—Hand, Horse, Gasoline, Electric**

KILL APHIS (Plant Lice) and Other Insects WITH "Black Leaf 40"

120

IT'S so easy to save your plants, shrubs, trees and vines from the destructive attacks of Aphis (plant lice) and other insects. Just spray "Black Leaf 40."

Safe and Economical

A little goes a long way. An ounce bottle makes 6 gallons of spray material. Kills both by contact and fumes, an advantage not possessed by other non-volatile, non-poisonous insecticides. Sold by dealers practically everywhere.

Paint roots lightly, and fumes will kill poultry lice.

Tobacco By-Products & Chemical Corp., Inc.
Louisville, Ky.

New Low Prices BURPEE'S Gladiolus

Regular \$5.85 value for only \$2.50. 50 choice bulbs—5 each of 10 favorite varieties, each variety bagged and labeled. Or 10 each of 10 varieties—100 fine bulbs for \$4.25, a regular \$9.80 value. Sent postpaid. **FREE—Burpee's 1932 Garden Book.**

W. ATLEE BURPEE CO.
977 Burpee Bldg., Philadelphia.

"Bulbs in a Class All Their Own"

That's the opinion about our Tulips on the part of exacting gardeners everywhere.

Instructive Catalog free

ZANDBERGEN BROS.
"Tulipdom," Oyster Bay, N. Y.

WATER LILIES TROPICAL & GOLD FISH

We supply 100 kinds of fish and 200 kinds of aquatic plants. Special Water Lily Collection, one white, one blue and one red all three postpaid in U. S. for \$3.00. Large catalog free on request.

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FREE IRIS

Hamadan (rare pogo-cyclis hybrid) given with following \$1 rainbow collection: Wedgwood, Morning Splendor, Theseus, Mary Gibson, Lady Bountiful, Conchobar, Odette Olivet—priced last year at \$5. Plant it now! Write for illustrated catalog of prize-winning iris. We ship to every state. Our roots are better—our prices less. Situated in heart of horticultural district.

NATIONAL IRIS GARDENS
Box 33 Beaverton, Oregon

LITTLE AD - BIG BARGAIN BLUE SPRUCE

10 GENUINE COLORADO BLUE SPRUCE (Picea pungens Glauca) 1 foot tall, five years old, twice transplanted—for only \$1.35 delivered. A marvelous investment. Order now for early spring delivery. One year guarantee. Replacement without cost if unsuccessful. Finest evergreens in America.

THE LIVING TREE GUILD, Dept. 34
National Headquarters for Guaranteed Living Trees

468 4th Avenue New York, N. Y. delivered!

\$3.95

What Kind of Flower is this?

LET your family and friends in on the "secrets" of your flower garden—the more familiar they are with the names and varieties, the more interested they become. Sometimes even owners themselves forget names of new varieties, too. Aquaproof identification labels solve this situation ideally. Long lasting, waterproof and different styles for different plants.

THE AQUAPROOF PRODUCTS CO.
2182 East 76th Street, Cleveland, Ohio

Send 10c today for samples and literature.

Chrysanthemums**HARDY EXHIBITION****8 PLANTS \$1.25**

FOR

Flowers measure 6-8 inches

in diameter.

FLOWER SHOW PRIZE WINNERS

1 Glory of Seven Oaks

(Yellow)

1 Old Lavender (Lavender)

1 Quaker Maid (White)

1 Indian Summer (Bronze)

1 Autumn Glow (Rosy Red)

1 Unaka (Lavender-Pink)

1 Honey Dew (Orange tipped with Gold)

1 Sunglow (Golden Yellow)

Planting directions with each order.**HARDY BUTTON VARIETIES**

8 Brilliant colors, 8 plants.....\$1.25

Field-Crown Spruce, 250 Acres**COLORADO BLUE SPRUCE, 5 years**

old, two trees.....85c

7 yr. old trees, 3 times trans-

planted, extra bushy and nicely

shaped, each.....\$1.10

Specimens, 8-9 yrs. old, ea.....\$1.65

10 EVERGREENS \$1.65

4 Norway Spruce, 4 Arborvitae

Pyramidal, 2 Biota Orientalis, Trees 1 to

1 1/2 ft. high. Per 100.....\$12

RHODODENDRONS (large flowering). Pink

Purple and Red, 1 to 1 1/2 ft. 2

85c

for

FLOWERING SHRUBS, 2 ft. high. Weigela

Rosea, Bridal Wreath, Golden Bell, Pride

of Rochester, Hardy Hydrangeas, White

and Pink, 4 shrubs.....85c

Japanese Barberry (4 yrs. old) Bushy, 10 to

15 in. \$4.00 per 100; 18-24 in., \$6.00 per 100.

Hardy Perennials, Plants Are Two

Years Old, Blooming Age. Each .5c

Columbine, all colors; Double Hollyhocks,

beautiful colors; Shasta Daisies, Yellow

Daisies; Hardy Carnations, 6 colors;

Painted Daisies, Gaillardias, Sweet Wil-

liams, Forget-me-not, Physalis (Chinese

Lantern Plant).

— Order Must Amount to \$1.10 or more —

Delphiniums, Dark blue, light blue, 8 plants,

blooming age.....85c

Oriental Poppies, brilliant colors, flowers 8

in. across, 10 plants, blooming age.....85c

FOX GLOVES, assorted colors, 10 plants .85c**PHLOX—Large-flowering, Perennial Phlox.**

Diversified and brilliant colors, 8 plants. 85c

Novelty Snapdragon plants, 15 fancy col-

ors; American Beauty Aster plants, (Chry-

santhemum type), 8 colors; 50 Strong

Plants.....85c

FREE—Any 85c selection from this ad**FREE with each order of \$5.50 or over.**

Order direct from this advt.

The FISCHER NURSERIES

Evergreen Dept. 48 EASTON, PA.

Add 25c for Packing

**Garden reminders***Continued from page 115*

and Pole Beans can be planted now, and all varieties of Cabbage. . . . Lettuce must be well watered to prevent it from becoming hard. . . . Celery may be sown but must be shaded and, if the weather is dry, well watered. . . . Okra can be planted, and Black-eyed Peas and Cow Peas. . . . Sweet Potato slips can still be set out, but must be watered if it does not rain. . . . Shallots are ready to be stored as soon as their tops become dry.

The West Coast

Remove spent blossoms of Rhododendrons, Azaleas, and the spring blooming shrubs. Give Peonies liquid fertilizer. . . . Begin conserving moisture by mulching after irrigation. Thin out annuals sown in the open ground. . . . Prolong the Pansies and Sweet-peas by constant picking and preventing pods from forming seed. Along the coast the summer blooming varieties of the latter may be planted but in the south and in the interior, sow varieties that bloom in the spring. . . . In warm regions begin sowing seeds of Hunnemannia (Mexican Poppy) in open beds. Continue planting Gladiolus, Cannas, and Dahlias. Keep young Chrysanthemum plants watered and pinched back for sturdy growth. . . . Cut away old Smilax growth and prepare strings for new growth. Fertilize and water. Look after house and tub plants and keep from drying out. Renew the soil and plants. . . . Tie up Carnations and

pinch out side buds. Keep a garden note book and study color combinations etc. for future arrangements. . . . Begin sowing Cosmos and hardy annuals and perennials for winter and early spring: Gaillardia, Winter Stocks, Primroses, Cineraria, Forget-me-nots, Marigolds, etc. . . . Let bulb foliage mature before removing. If space is wanted, transplant to another place, just after the blooming season.

Treating Aster Seed

Treating Aster seed before sowing as protection against diseases is urged by Prof. W. O. Gloyer, of the State Experiment Station at Geneva. The high cost of labor has driven out native seed and some of the imported samples are likely to carry diseases which must be controlled if the best results are to be secured in the garden.

The cheapest and most efficient treatment is bichloride of mercury solution, prepared by dissolving a 15-grain tablet of the bichloride in 1 quart of hot water. The seed is first soaked for 30 minutes in water which has been warmed to 90 degrees F. The water is then drained off and the seed placed for 30 minutes in the bichloride solution which has also been warmed to 90 degrees. The bichloride solution is then drained off, the seed washed under the faucet for at least 5 minutes, and then spread on a cloth and allowed to dry at room temperature not in sunlight nor near a radiator.

**A WATER LILY POOL for your garden ~ ~ ~**

A POOL of Water Lilies will add exotic beauty, gorgeous new colors, exquisite fragrance and fascinating new interest to your garden.

Marvelously beautiful effects can be achieved quickly with little effort or expense.

In every garden, large or small, there is room for a Water Lily pool, or at least a simple sunken-tub pool. Plan now and you'll be able to enjoy your Water Lily pool this summer.

New 1932 Catalog FREE

A beautiful new 48-page catalog, filled with helpful information. Describes and illustrates in full color, our immense collections of Water Lilies, Aquatic Plants and Ornamental Fishes. Write now for your FREE copy.

Complete Small Pool Collection

3 Water Lilies, yellow hardy, blue tropical, red tropical. 20 Aquatic Plants, for center piece, corners, margins, and shallow water. 12 Goldfishes, 2 Calico fishes. Assortment of snails and other scavengers. Carton of Praefecta Fertilizer and Ship- \$10.50 ping Can

1932 Water Lily Special

5 Water Lilies, including day and night bloomers of different colors. A lovely collection and specially priced at \$ 5.00 only

Special Goldfish Collection

Includes 12 Goldfishes, 2 Calico or Gingham fishes, 6 each of Tadpoles, Jap and Ramshorn snails, 2 clams, 2 \$ 5.50 Salamanders and Shipping Can.

**Wm. Tricker, Inc**

2501 Brookside Avenue

Saddle River New Jersey

Spare Time Money

Easy, pleasant way to earn spare time money, acting as special representative for The American Home in your community. Full details, Mr. Chester Banton, % The American Home, Garden City, N. Y.

Learn to be a LANDSCAPE ARCHITECT

At home, by mail. Big fees. Pleasant healthful work. Experts earn \$50 to \$200 a week. Many earn while learning. Write today for details. AMERICAN LANDSCAPE SCHOOL

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Trim Your Hedges the Electric Way

"LITTLE WONDER"
REG. U. S. PAT. OFF.
HEDGE TRIMMER

Strong • light • rapid • easy • gives a beautiful trim. Thousands in use. Write for literature. Distributors Wanted.

Detco Mfg. Co., Oaks, Pa.

13 Pkts. PERENNIAL SEEDS \$1.00

WITH these thirteen packets of seed—all different choice perennials—a treasure garden can be planted that will be a joy for years to come.



Hollyhock. Chater's Double, mixed. **Columbines** (Aquilegias), long-spurred hybrids.

Canterbury Bell (Campanula), single, mixed.

Hardy Cornflower (Centaurea Montana), violet blue.

Shasta Daisy (Chrysanthemum), Alaska, white.

Coreopsis. Lanceolata Grandiflora Fl. Pl., double, yellow.

Hardy Larkspur (Delphinium), Gold Medal Hybrids.

Hardy Pink (Dianthus), clove scented.

Foxglove (Digitalis), Gloxiniaeflora, mixed.

Gaillardia. Grandiflora Superba, mixed colors.

Baby's Breath (Gypsophila) Paniculata, white.

Lupins. Polyphyllus, new hybrids, mixed.

Sweet William, double, mixed.

Any of the above at 10c per packet, or if you mention this ad, the thirteen, value \$1.30, for \$1.00.

THE forty-first issue of Michell's Annual Catalog, listing all of the worthwhile creations of the floral and vegetable world and containing countless cultural directions and numerous color pages, will be mailed free on receipt of your request.

MICHELL'S SEEDS

520 MARKET ST., PHILADELPHIA, PA.

Bug Insurance costs little. Use Wilson's O. K. Plant Spray

—the quick, sure, instant method of killing destructive insect pests. Only \$3 gallon, \$12 five gallons. Recommended by officers and members of the Garden Club of America to save your beautiful flowers, shrubs, and evergreens.



Wilson's O. K. Plant Spray is sold by leading stores everywhere and the genuine may be identified by the famous Trade Mark. Write us, if your dealer cannot supply your requirements.

Wilson's Awinc Pyrethrum Spray

Non-poisonous, highly concentrated PYRETHRUM spray. Easily controls more resistant type of insect such as Mexican Bean Beetle, Japanese Beetle, Red Spider, Rose Chafer, Cabbag Worm, White Fly, etc. Complete, requiring only a dilution with water. Gallon \$10.

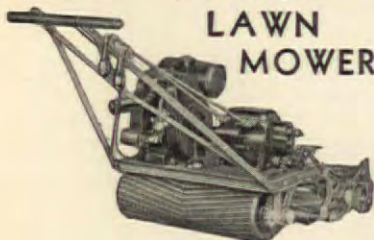
Wilson's Fung-O

An efficient fungicide offering a safe, scientific preventive and remedy for Mildew, Black Spot and other fungus diseases of ornamental and greenhouse plants. Particularly recommended for the Nectria Canker on Boxwood. 1 gallon \$4.00, 5 gallons \$15.00, 10 gallons \$30.00.

"Insects and Their Control" by Andrew Wilson, 383 Pages, 188 Illustrations, \$2.50 Postpaid.

Andrew Wilson
Dept. A5
SPRINGFIELD, NEW JERSEY
OHIO BRANCH: 710 E. 113th St., Cleveland
FLORIDA BRANCH: 614 58th St., West Palm Beach
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MILBRADT POWER LAWN MOWERS



MAKE play of the grass-cutting job. They cut and roll at the same time and develop beautiful lawns. Made in different sizes from 20 inches to 60 inches and are so easy to operate a 12-year-old boy can run one. Write for free catalog.

MILBRADT MANUFACTURING CO.
Established 1895
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MANURE! More MANURE!

Good gardening depends on manure. Nothing can take its place. You must have manure. Stable manure has become scarce, but thanks to ADCO you can still have all the manure you need. ADCO is the powder that when mixed with straw, leaves, weeds, cuttings, garden waste of any kind, turns it into manure. This ADCO Manure is real manure, identical chemically and in fertilizing power with the old-fashioned kind, but much cleaner.



You owe it to yourself to know about artificial manure and how to make it. Won't you let us send you our booklet? It's free. Your own seed or fertilizer dealer can supply you with ADCO, or it can be had directly from us. Simple directions accompany every package.

ADCO
1788 Ludlow St. Philadelphia, Pa.

Growing Waterlilies is so easy!

Continued from page 98

to raise the level until it is slightly below the top of the box. Then let the water stand until it is thoroughly warmed by the sun. When everything is in readiness and the plants are at hand, one—and only one—is planted in the center of each box so that its top is even with the surface of the soil. If several inches of sand or gravel is placed over this surface immediately after the planting is completed, it will prevent wash, subsequent clouding of the water, and keep the fish away from the roots of the Waterlily plants. After each box is planted, the depth of water may be increased until it just covers the top of the plant; the additional water soon warms and the plants quickly become established.

As the season advances and the plants attain their growth, the depth of water is increased accordingly, until it is from twelve to fifteen inches above the plants in the larger pools. It remains at this depth practically throughout the season, there being no necessity for draining. Add just enough water to take care of evaporation. A continual stream of cold water is very injurious.

Tropical Waterlilies are the true aristocrats of the water garden. They have strong, stout stems and stand erect above the water in contrast to their hardy sisters, which usually float. There are two distinct types of tropical Waterlilies: Day-blooming and Nightblooming. The following is my choice of day and night bloomers for the small pool; but there are others!

Dayblooming Waterlilies: August Koch, violet; Whitaker marmorata, light blue; Panama Pacific, reddish

purple; Mrs. George H. Pring, white. Castaliflora, pink; Henry Shaw, blue.

Some very interesting new Day-blooming Waterlilies are making their debut, Pink Pearl and Chicago appealing strongly to my taste. Pink Pearl has light pink blossoms, about seven inches across, with the tips of the petals tinged a deep pink. Chicago is a clear enchantress pink, having blossoms nine inches in diameter.

Nightblooming Waterlilies: Bisset, rose pink; George Huster, brilliant crimson; Frank Trelease, dark crimson; O'Marana, rosy pink with white stripe; Juno, white; Deaniana, pink.

To keep artificial pools pure and clean and avoid scum, it is necessary to have balanced plant and animal life growing in the water garden. Innumerable kinds of aquatic insects breed in the water and their larvae frequently prey upon Waterlily pads in particular. Fish are interesting scavengers for the pool and are also desirable for eradicating insect larvae and aphids. Clams are valuable for keeping down the vegetable growth that turns the pools green. Snails are useful for the pool as they devour algae and green scum. However, these snails, when young, may attach themselves to the undersides of the Waterlily pads and feast on them but the fish will keep the snails in check. If there is an abundance of green scum the pool may be filled with water until it overflows.

Oxygenating plants are indispensable for water gardens with fish. Such are Parrot's-feather, Sagittaria, Vallisneria, Anacharis, Salvinia. Duckweed and Water-hyacinths will be of benefit to the fish and will prove an attraction to the pool.

GROW GLADIOLUS the glorious flower of summer!



Easy to Grow—Sure to Bloom
Infinite Variety of Colors

100 Large, Healthy \$3.00
Vermont Bulbs ^{postpaid}

This collection is our "get acquainted" offer. Contains 40 fine varieties in many shades of red, yellow, pink, blue, smoke, orange, white. All fine varieties but not labeled. If labeled would cost \$11. This collection is not to be compared with the ordinary collection put out by other growers. It is in a class by itself. 50 for \$1.75.

Collection of Exhibition Varieties

3 bulbs each of the varieties listed below. These are among the very finest exhibition varieties in existence. All labeled. 30 bulbs worth \$3.20 at my low prices for \$2 prepaid. Some growers would charge \$5-\$6 for these. This collection is not in my catalogue, but is for American Home readers only.

- 3 MINUET, finest lavender.
- 3 CARDINAL PRINCE, cardinal red.
- 3 MARMORA, smoky gray, wonderful new shade.
- 3 W. H. PHIPPS, salmon-rose. Most popular variety in America.
- 3 AFLAME, immense rose, shading to flame.
- 3 BETTY NUTHALL, very fine orange-salmon.
- 3 CATHERINE COLEMAN, salmon-rose.
- 3 GOLDEN DREAM, finest clear, deep yellow.
- 3 MRS. P. W. SISSON, light pink.
- 3 YVONNE, white, cerise spot in throat.

Send for illustrated catalogue which lists the finest varieties from all over the world.

CHAMPLAIN VIEW GARDENS

Elmer E. Gove Box K-7 Burlington, Vermont

Kill Garden Insects with Hammond's SLUG SHOT

America's best known garden insecticide, used for more than 50 years. Always safe; always dependable. Economical. Twenty-five cents buys a big pound can. Simply turn the rafter top and dust. Pleasant to use—no irritation.

HAMMOND'S GRAPE & ROSE DUST (fungicide) protects against Black Spot on Roses, Powdery Mildew, Blights, Rusts and other fungus diseases. Green in color; does not disfigure foliage.

HAMMOND'S WEED KILLER does a clean job—kills all vegetation, including poison ivy. Saves hand labor on walks, drives and along roadways.

These and other Hammond Products are sold everywhere by Seed, Hardware and Drug dealers.

Ask your dealer for free Booklet, "Garden Enemies—How To Control Them," or write us for your copy.

HAMMOND'S Paint & Chemical Co.
2 Ferry Street
Beacon New York

WORLD'S CHOICEST NEW AND RARE PLANTS
Illustrated Catalog Free
NEW THOMSEN BLUE SPRUCE ca. \$2.50
3-6 in. grafts 5 year roots 2 for \$3.95

Our own new marvelous introduction this year. Never offered before. Bluest color ever seen. Supply limited. Order NOW while they last.

2 Azalea mollis 5-10 in. 1 Azalea, pink 1 ft. \$1.25
3 Rhododendron pink, red and purple 1-1 1/2 ft. 1.25

3 Yellow Delphinium Zulu, Very rare. \$1.25
3 Scarlet Delphinium, Calif. type. 1.25
3 Hybrid Delphinium, Blue, pink and white. 1.25

1 New Red flowering Dogwood, Rare 8-12 in. \$1.25
1 Japanese Magnolia Soulangrea 6-12 in. 1.25
1 New Japanese Bloodleaved Maple 8-12 in. 1.25

FREE 1 New Thomsen Blue Spruce absolutely FREE, worth \$2.50, with all orders over \$5.00.

12 Rock Garden Plants choicest selection. \$1.20
10 Sedum, Hen and Chickens. All different. 1.25
12 Hardy Perennials, choicest varieties. 1.20
10 Rare Rock Garden Yews and Juniper. 1.96

Add 20c for Postage and Packing.
THOMSEN NURSERY CO. Mansfield, Pa.

LIQUIDATION SALE

The Nursery Stock formerly belonging to the Bankrupt Farquhar's Nursery is offered at a fraction of its value.

Everything is the regular Farquhar high quality and reflects the painstaking efforts of fifty years.

Plenty of Evergreens, Shade Trees, Azaleas, Rhododendrons and Shrubs.

Here is an example of the values—500,000 Rock Garden Plants and Perennials, regular size and quality, grown by Farquhar for the 1932 trade, ten cents each.

Send for full list.

DEDHAM NURSERIES, INC.
200 Elm St. Dedham, Mass.
Phone Dedham 0600

CACTI Blooming Size
All labeled with correct names. Satisfaction guaranteed. **PREPAID.**
One each of 25 varieties. \$4.00
10 different varieties with 8" Mexican bowl. 3.00
—same without bowl. 1.75
6 varieties with 6" bowl. 2.00
—same without bowl. 1.00
Cactus seed 25c per package.
Cacti cultural book free with orders.

MEXICAN TRADING CO., 413 Two Republics Bldg., El Paso, Tex.

Flower Grower
A magazine specially edited for gardening enthusiasts. Intensely practical, stimulating and helpful. Tells you all about flowers. Each issue contains more facts on flower growing than any other magazine. Sample copy 10c. Introductory offer—seven months \$1.00. Address: **FLOWER GROWER** 107 N. Bway, Albany, N. Y.

Steiner Electric Lawn Mower
Mows quicker—better—easier, \$45.00 just guide it.
That's all. Highest grade 16-in. mower, adjustable ball bearings. Guaranteed Motor.
Write for circular A
Steiner-Fulton Products Corp.
5751 Easton Ave. St. Louis, Mo.

KILL PLANT INSECTS

Mail Coupon for FREE Booklet "How to Kill
Ants and Plant Insects"

EVER Green kills both chewing and sucking insects that ruin flowers and vegetables. Also kills ants. Yet non-poisonous to humans and pets. Does not even stain tender foliage. Sure death to insects and ants. Economical. One 35c bottle makes up to SIX gallons of spray. Easy to mix and to use. Pleasant odor. Kills lice, worms, beetles, cut worms. At drug, seed, hardware, department stores or florists. Or mail coupon for free booklet and 35c bottle.

EVER GREEN
KILLS ANTS AND GARDEN INSECTS

McLaughlin Gormley King, Minneapolis

☐ Check here for ☐ Check here for 35c
Free booklet (AH-2) bottle C.O.D.

Name _____

Address _____

75 Varieties of Beautiful



**WATER
LILIES**
Send for Our Free,
Completely
ILLUSTRATED
CATALOG

Plant WATER LILIES this Spring for lovely, fragrant blooms this Summer. 75 rare and beautiful varieties to choose from—rich colors—easy to grow. Ours are the largest Aquatic Gardens in America. Every root *guaranteed*. Write for our free, illustrated Catalog TODAY.

The W. B. SHAW

Aquatic Gardens

Dept. C Kenilworth, Washington, D. C.

AGRI-PAX
KILLS INSECTS—PRESTO!

Stop Insect Damage
Quickly—Safely—Cheaply

Use AGRI-PAX, the non-poisonous, all-around insect spray. It quickly destroys Aphids, Japanese Beetles, Mexican Bean Beetles and other garden insects. Does not stain flowers or "burn" foliage.

AGRI-PAX dilutes to 25 times its volume in water. For Aphids 80 times its volume. Order from your dealer or send 50c for 1/2 Pint Trial Can, postpaid.

PULVO-PAX for dusting is AGRI-PAX in dry form
MORRIS B. READE, Inc.
Dept. A, Belleville, New Jersey

GARDENERS' CHRONICLE

A Magazine of distinction and authority for those who garden seriously. Sound, practical, up-to-the-minute advice, written by experienced gardeners. Single copies, 25c each; twelve months, \$2.00.

GARDENERS' CHRONICLE

522-A Fifth Avenue New York, N. Y.

Write Doubleday, Doran & Company, Inc., Garden City, Long Island, for a list of their NATURE BOOKS.

Amazing New Catalog

FREE TO ALL. WRITE FOR YOURS NOW. Tells you how to make money, how to plant and to beautify your home grounds at LOW COST. Rhododendrons, Evergreens, Roses, flowering shrubs, shade & fruit trees, small fruits. Strawberry plants by the million. Complete assortment for small homes or large commercial planter. Satisfaction guaranteed. This amazing new catalog is truly a directory that you will often consult.

BOUNTIFUL RIDGE NURSERIES,
BOX F, PRINCESS ANNE, MD.
For results order from "Bountiful Ridge."

Putting the insect on the spot

Continued from page 94

In days gone by plants died from disease and fell under insect assault largely because the exact cause was not known. But how different for the gardener of to-day! There are facts galore for the searcher; but even that is rarely necessary, for the manufacturers of branded remedies offer special preparations made to fit the cases. See your trouble and reach for the prepared remedy. So simple! Here is a catalog of the ammunition of defense shown on page 94.

Agripax—a pyrethrum contact spray insecticide.

Ant and Roach Powder—the name is sufficiently explanatory.

Antrol—a poison syrup control system for ants.

Aphistrogen—kills aphids.

Arsenate of Lead—the approved basic remedy for bugs that chew.

Awinc—a pyrethrum base concentrate for all-round use.

Black Arrow Insect Dust—a modern form of the old "insect powder."

Black Leaf 40 (Nicotine sulphate)—for aphids and like pests that suck out juices.

Bordeaux Dry Powder—apply by dusting where fungus lurks.

Copper Solution—an easily made fungicide spray for fruits and vegetables.

Evergreen—a concentrated pyrethrum liquid insecticide for general use.

Ferogen—fertilizer and soil conditioner for spring use.

Fung-O—to destroy fungus growth.

Fungtrogen—destroys fungus by contact.

Grape Dust—for dusting on to lawn and vegetable plants to discourage predatory insects.

Lime-Sulphur—especially designed for winter spraying for scale and hard shell pests.

Mexogen—bean beetle remedy and repellent.

Molgen—recommended for eliminating moles from lawns.

Nicotine Pyrox—combination 3-way remedy for chewing and sucking insects and for fungus.

OK Plant Spray—a general contact remedy for aphids, mealy bug, and scale.

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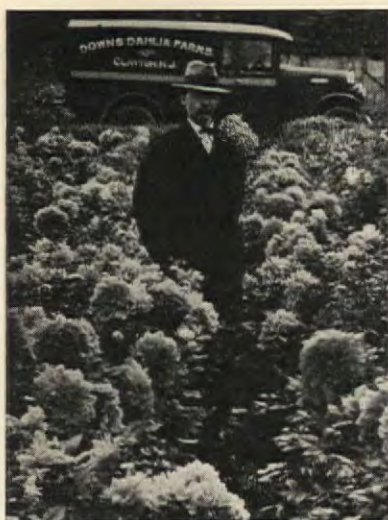
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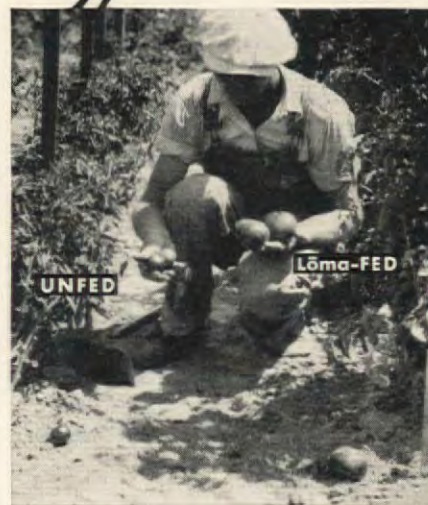
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(Left) a picture of a gardener doing the best watering job of his career. He is using Multispray, the new sprinkling system built permanently into Goodrich Maxecon garden hose.



Sprinkler supports slip instantly on and off; spray heads open or close with a few turns of a set-screw. (Fifty feet \$7.50, complete with Multispray.)

To a Gardener puzzled by Hose Prices

IN BUYING HOSE there is no good reason why you should pay any more than you want to. Certainly there are plenty of cheaper grades of hose from which to choose.

But in making your choice you ought to know that there is nothing of magic in either the making or the merchandising of garden hose.

Rock-bottom price and top-notch performance are found no oftener in

garden hose than in garden seeds, or bulbs, or fertilizers.

So if you are an old hand in the garden, you will pass the cheap hose by, and pay a little more for the kind that goes on doing a good job season after season.

FOR SEVERAL YEARS past your dealer has been showing an unusually sturdy hose . . . Goodrich Maxecon. This season he can offer it to you at a new 1932

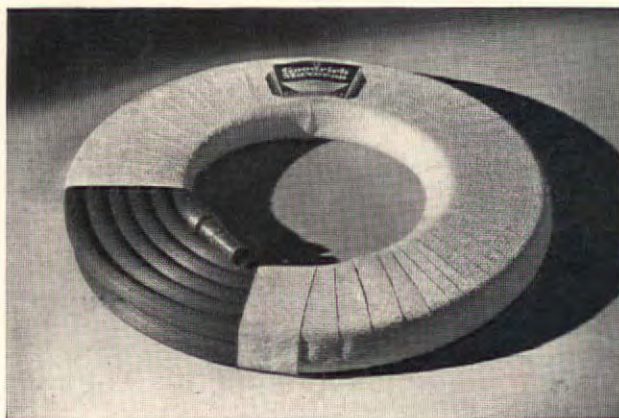
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