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A Colonial Group for Present-Day American Homes

A FAMOUS Sheraton Sofa in the Metropolitan Museum is the inspiration for this inviting love seat, grouped with a Colonial Wing Chair of Sheraton design...both in solid Mahogany, hair-filled to give lasting comfort...a corner cupboard in Walnut showing Pilgrim influence, hand antiqued and colorfully decorated...the small drop-leaf table also in Walnut suggests countless uses.

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The introduction of mahogany into general use as a cabinet wood was a very considerable influence in the extraordinary advance in the art of cabinet-making which took place in England in the last half of the 18th Century. The close grain, beautiful figure and color of the wood were an inspiration to the designer, and invited and certainly rewarded the highest skill of the cabinet-maker, carver and finisher.

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For people who live where houses have gardens...

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A short-sleeved jersey blouse which fastens firmly above the hips and has an ample inverted pleat down the back, $8.94. With it, a jersey skirt with effective stitching and flare, $6.94. The other young person on the right is comfortably and smartly dressed for golf in a wrap-around flannel skirt, $8.94, and a simple MacKeggie sweater of bright wool, $8.94.

OUTDOOR LIFE means tweeds, of course, like this well-cut coat of imported Harris tweed. Its nonchalant correctness is vastly becoming. In practical brown and gray, $48.75

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The "Modernist House" Selects Celanese Fabrics To Complement Its Decorative Plan

In designing the interiors of House & Garden’s Modernist House, Miss Margaret McElroy, in the February issue of House & Garden, suggests Celanese glass curtains for the combined dining and living room. Both in color and texture, Celanese decorative fabrics are in the spirit of modern design. They have, too, those essentially practical qualities characteristic of modernism. Their lovely colors are unusually fast. They do not soil readily, shedding dust and dirt, and they cleanse easily. They do not shrink or stretch, and dampness or rain does not harm them. They drape gracefully into lovely folds and hang true without weights.

Celanese Fabrics are available in such important decorative weaves as Voiles, Ninons, Jacquard Ninons, Permanent Moire, Mirrocel, Taffetas and Satins.

CELANESE Fabrics

Celanese yarns, fabrics and articles are made of synthetic products manufactured exclusively by the Celanese Corporation of America, 180 Madison Avenue, New York City
You have met him. Busiest man in town. Successful, extremely... and looks the part. His clothes, progressive as his mind, keep up with the continuous, small, important changes in fashion. Can’t imagine him studying style magazines. Yet how does he know what’s what? By selecting his outfitters as he chooses his business associates: for reliability and knowledge in their particular field upon which he can confidently depend. If his itinerary includes Chicago, more than likely he waits to buy from The Store for Men, Marshall Field and Company.

Almost everything men buy or would like to buy is assembled here... clothes, accessories, luggage, sports gear... from our own factories and from abroad. The certainty of comprehensive selections will appeal to men of marked individuality. You are invited to visit Field’s, The Store for Men.
Imported Upholstery and Drapery Fabrics

With a rich heritage in the Fine Arts dating back to the Roman Empire, it is but natural that Italy should have contributed much to the development of beautiful fabrics. Contemporary products of her looms—Brocades, Brocatelles, Damasks, Figured and Plain Velvets—uphold in worthy manner the best traditions of the past.

Johnson & Faulkner display in their Showrooms a comprehensive selection of the finest decorative fabrics not only from Italy, but also from France, Belgium, Germany, and the British Isles.
DYNAMIQUE is made for modern people, living under modern conditions, demanding as much comfort as beauty from their furniture.

So whether you live at the tipmost top of a heaven-bent skyscraper or whether you live in a rambling spacious house close to the earth; or a little house; or a single room... here is furniture designed precisely for your needs and taste. :: The DYNAMIQUE suite illustrated, of English walnut and mahogany inlaid, may be used in either breakfast room or apartment dining room. It is as slim and shapely as a bit of Sheraton... as modern as tomorrow... as smart and colorful as every piece in the DYNAMIQUE collection.

JOHNSON FURNITURE COMPANY
JOHNSON-HANDLEY-JOHNSON CO. • GRAND RAPIDS, MICH.
Enjoy the fellowship of fine furniture

One cannot associate daily with furniture of sincere quality and exquisite artistry without gaining a deep satisfaction completely aside from physical comfort or decorative charm. It is really a fellowship that only those who love and live with things of fine quality can appreciate. The Valentine-Seaver pieces portrayed here are of this type. The Valuxsea down-cushioned sofa faithfully depicts 18th Century English design. May be used with either Colonial or Early American groupings. It is tailored in a rich mulberry and gold damask. The barrel wing chair is strictly Early American finished in beautiful damask with the patented Valuxsea down cushioning. Tables by The Furniture Shops, Grand Rapids.

A trip to your nearest Valentine-Seaver display will not only prove artistically enjoyable, but you will be surprised to find our prices so moderate. Should you not quickly locate our dealer, please write us. His name and address and a copy of our book “Modern Furniture for the Living Room,” will be forwarded immediately.

VALENTINE-SEAEVER
DIVISION OF KROEHLER MFG. COMPANY
Largest manufacturers of upholstered Living Room Furniture in the world
4127 George St., Chicago—New York Display Room—1 Park Avenue, New York City
Salubra wall covering in Boy's Room in the home of Mr. and Mrs. Richard F. Hoyt, New York City, Miss Shater Inc., New York City, Decorator.

The background of beautiful Interiors...

What is it that lends charm to a room? What provides the right background for lovely interiors? Certainly the wall covering is an important factor! For years, Salubra wall coverings have graced the finest homes abroad. They are now available in this country—and are winning approbation everywhere. Salubra not only comes in thousands of beautiful designs—created by leading European artists—but in the most delicate of soft, pastel shades—and all of them fadeless!

How wonderful to be able to work out your ideas in just the right patterns, tones, and colors, and know that your walls will remain as fresh—and lovely as long as you want them to!

All this sounds like promising a great deal, but the promise is in the performance. For Salubra is really "paint-by-the-roll"—fine oil colors applied on strong, waterproof, parchment paper—equivalent to six coats of oil paint. Sunlight, climate, dust, dirt, dampness, finger marks, and grease spots have no terrors for Salubra. This non-porous wall covering is sanitary and can be scrubbed with soap and water—washed as easily as your china.

Leading decorators can tell you about Salubra. Or, write us direct.
Such periods as Louis XIV, Louis XV, Louis XVI or Empire are not merely designations of time; they also correspond to a tangible reality; the influence of King and court upon the evolution of these styles. Few, of course, have the time to delve into such matters for themselves, but when it comes to the fireplace, which so often is the focal motif for a period interior, the mantel together with its proper accessories, must be authentic and beyond criticism.

For generations, architects, interior decorators and lovers of the home beautiful, have looked to this century old House as an authority on period mantels. They know that the inherited knowledge and experience of more than one hundred years is back of every transaction.

OVER A HUNDRED YEARS OF SERVICE TO THE
Mantels

The small French Mantel is a happy contribution to present day trends in architecture and interior decoration, for being low it lends an illusion of height even to the modern low ceiling. This establishment offers the small French marble mantel in a variety of beautifully carved Period designs. A few of them are illustrated on these pages. We hope you will come to see them at either our New York or Chicago galleries.

The correct accessories — period andirons, grates, scuttles, firesets, firebacks, fenders, benches, bellows, brooms, warming pans and so forth are all here for your selection, too. How important that these details of fireplace fittings be as correct as the mantel itself! If you cannot visit us in person, may we send you a booklet describing the activities of this House? Address us at New York, Department HG.

Jackson Company

2 West 47th Street, New York
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This Straight Eight announcement ran in the Chicago Sunday Tribune, September 21st, 1924

It's here for you to drive today!

AUBURN

You Will Not Be Asked To Buy!

4 Wheel Brakes - Balloon Tires

100 Horsepower
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Therefore it is natural that Auburn is able to build today a BETTER Straight Eight for LESS


Airmail postage has been reduced to 5 cents for the first ounce and 10 cents for each additional ounce. Use Airmail daily for quicker communication. The development of aviation is vast in American progress.
HE high repute enjoyed by Fisher Body can only be maintained by unmis-
takably greater value and quality. Over twenty years ago, Fisher deliberately adopted a policy of building surpassing quality and greater value into its bodies. That policy, rigidly adhered to year after year, has inevitably made Fisher Body the standard of body craftsmanship and value in every motor car price field. In point of beauty, comfort, convenience, durability, safety and excellent service, Fisher Bodies make powerful appeal to every discriminating motor car buyer. Naturally, too, they give added value and more pronounced leadership to all General Motors cars, which are the only cars offering to the motor car buyer the important advantages of Body by Fisher.
THE fair, fresh fragrance of returning spring... new worlds to attract youthful conquerors... gay camaraderie of the open road to everywhere... highways dotted with quaint inns and pleasant hostelries... and, of course, White Rock and White Rock Pale Dry, twin toasts to Youth and Springtide... bubbling, sparkling thirst quenchers for those carefree adventurers who make the whole spring-glorious world their playground.
A bridge set, in blue glazed leather, which contains four numbers, two gold pencils, and cards and score pads for two tables. The set is also available in many other colors.

A bridge set, in glazed green calf, with white jade insert and gold-tooled borders. The set contains cards and score pads for two tables, and two gold pencils.

Your card table should be as perfectly appointed as your dinner table.

Contract . . . poker . . . auction . . . it doesn't matter what you play. But when civilized people sit down at cards together, certain civilized amenities should be observed. The table . . . the cards . . . the chips or scoring pads . . . all should be marked with correct taste and restrained elegance. And conspicuous among these appointments, cases and containers of fine leather lend an added note of quiet luxury.

People accustomed to the better things of life have found the selection of these cases relatively a simple matter. They govern their choice by the presence of a tiny golden keystone R. That imprint, placed upon every article of fine leather manufactured by C. F. Rumpf & Sons, Inc., of Philadelphia, is an infallible method of knowing which are the best gifts . . . the mark of a noble tradition.

Eighty years ago, the founder of this organization formulated policies which were to direct the later development of the business. Craftsmanship would be of a high order. The finest materials, and only the finest, would be employed. And not until each article was as nearly perfect as consummate skill and talent could make it, would it be counted ready for use . . . Deviations from these high standards have never been tolerated.

C. F. Rumpf & Sons, Inc., manufacture fine leather articles of every description, excepting luggage. They may be had at the better jewelers, department stores, stationers, and leather goods stores.

C. F. RUMPP & SONS, INC.
PHILADELPHIA AND NEW YORK
ESTABLISHED IN 1850
As long as there is hospitality in the world, Linen Damask will hold its time-honored place as the fitting consummation of the correctly appointed table. As long as the hostess calls upon flowers and candlelight and gleaming silver to enrich the ceremonial of dining, she will summon the suave luxury of Linen Damask to give it exquisite setting. And the taste which prefers Linen Damask favors only those loomings that most opulently reveal its individual beauty. Through centuries of hereditary craftsmanship, Ireland and Scotland have loomed superlative expressions of the ultimate loveliness of Linen Damask, in subtle harmonies of design that blend faultlessly with both formal and modern schemes of table decoration. In homes where taste is the inevitable standard of gracious living, table cloths and napkins of Irish or Scottish weave are essential.

The Spirit of Spring

Loomed in dull gold against a field of silvery white, this cloth of Linen Damask is an opulent expression of the Spirit of Spring...Against a symbolic pattern of budding things, gracefully curving iris leaves unfold to an effect of golden sunlight...The inner field is bordered with a formalized pattern of full-blowed flowers...The cloth is suited equally to conservative and to more modern schemes of decoration...It is only one of the many new creations from Irish and Scottish looms, now offered the hostess.

As We Dine on Linen Damask, a charming booklet on correct table settings, will be sent you on receipt of ten cents to cover mailing cost. Address The Irish & Scottish Linen Damask Guild, 260 W. Broadway, New York.

LOVELY LINEN DAMASK TABLECLOTHS & NAPKINS

impressively correct

SEE THE NEW IRISH AND SCOTTISH WEAVES AT LEADING STORES
ROOM is never smarter than its LAMPS

Eighty-six years ago there came into being the first Miller Lamps ... the humble ancestors of the beautiful lamps made by this company today.

In thousands of homes Miller Lamps glow brightly ... and these lamps, like the homes they enhance, are modern, decorative, smart, expressive of the era in which we live. True examples of the Miller artistry in lamp design are the new lamps on this page. Designed for modern homes they have a simple, classic beauty. Designed for modern uses, there are lamps for every nook and cranny ... table lamps, floor lamps, bridge lamps. And every woman of taste will be surprised that she can choose such lamps at such moderate prices. For they are very inexpensive!

In addition to the three lamps shown here, there are five other designs in this new line which you will want to see now at your favorite dealer's. Ask for the display of Miller Lamps by name.

Should your dealer not carry them, write us immediately for information.

THE MILLER COMPANY, MERIDEN, CONN.
"Pioneers in Good Lighting Since 1844"

MILLER LAMPS
OF DISTINCTIVE CRAFTSMANSHIP
Zenitherm comes in 21 colors and can be sawed, nailed, and worked like wood.

Architects: Theodore E. Visscher and James L. Barley

Zenitherm General Offices: KEARNY, N. J.
Floors palatial

—the decorative basis of fine interiors

Here in the Trophy Room in the home of Eugene G. Grace of Bethlehem, the Zenitherm floor is the basic element that both begins and completes the architectural motif of a fine interior. Even to the experienced eye, the first impression of the floor is that of some rare marble imported from Italian quarries. But while Zenitherm looks and wears like marble, it possesses none of the coldness of marble and has a pleasant resilience under foot. Zenitherm is going into notable homes everywhere. Being a fabricated material, it can be sawed, nailed and worked like wood. Any carpenter can install it. Selection may be made to harmonize with any color scheme. Zenitherm's twenty-one colors range from the most subdued to the most vivid. It may be had in conventional designs or in the irregular effects so much in demand in this modernistic age. Architects and interior decorators everywhere find that Zenitherm is one of the contributing factors that help do justice to their own conceptions. The leaders of these professions can tell you all about Zenitherm and the use they have put it to, not only in homes of distinction, but in prominent hotels, clubs, banks and public buildings throughout the country.

If you are building or remodeling, ask your architect about Zenitherm. He can show you complete color chart and full details in Sweet's catalog.

Or, if you prefer, write to us direct.

COMPANY, Inc.
110 East 42nd Street, New York, N.Y.
Mrs. Laurance Armour

The bedrooms of her new Chicago home are equipped with luxurious Beautyrest mattresses.

- Walls covered with the same gay chintz that makes the draperies—deep, soft chairs also chintz-covered, a cozy fireplace, and the most gloriously restful-looking beds to sink into.

- Everything in Mrs. Armour's beautiful Lake Forest home speaks of gracious hospitality and a distinguished taste. Here are lovely gardens, large sunshiny rooms whose cool colorings and spacious arrangement breathe restfulness and charm—and ever more charm. Significant of Mrs. Armour's thoughtfulness for personal comfort throughout her household, are the "really comfortable" Beautyrest Mattresses and Ace Box Springs with which the room above is equipped. Mrs. Armour says, "I first slept on a Beautyrest Mattress on a ranch in Arizona, and I was delighted with it. Now I have them in my own home. I understand that the Simmons Company have brought out a second mattress of a similar type for a still more reasonable price. It seems to me quite extraordinary—most progressive."

- The Beautyrest Mattress, $39.50; Ace Box Spring covered to match, $42.50; Ace Open Coil Spring, $19.75. The new Deepsleep Mattress at a popular price, $19.95; Deepsleep Box Spring, $27.50; Slumber King Spring, $12.00 . . . Beds $10.00 to $60.00. Simmons Company, New York, Chicago, Atlanta, San Francisco.

Mrs. Laurance Armour entertains extensively and is an exceptionally gracious hostess.

Simmons
carpet • beds • springs • mattresses
and BERKEY & GAY furniture
WITH a roar of blustering breezes, swashbuckling March swaggerers on the stage. In his band of bullies are slush and damp, camp-followers that crowd his reign with treachery. No wonder that vital statistics show this moody month to be the most unhealthful of the twelve.

But when wind and window meet, Lupton Casements have the better of it. A double contact of steel on steel permits them to be shut snug against the penetrating breezes.

Steel has less bulk. So Lupton Casements are patterned in lines that approach the delicacy of an etching. Slender cross-pieces divide the gleaming panes of glass, bringing a feeling of lightness to each room. Yet Lupton Casements are thoroughly practical. Steel construction prevents warping or sticking in any weather. Both sides of the window can be washed from within the room. The special Lupton friction-hinge assures smooth, squeakless operation.

The varied advantages of Lupton Casements make them the logical windows of the future. Yet their cost, proportionately, is reasonable. May we send you interesting details?

To strengthen and protect exposed plaster corners, architects specify metal corner bead. This is a very necessary provision...it adds definite value to any building. But not all metal corner beads possess the same strengthening and protecting value...Milcor "Expansion" Corner Bead is different from all others. It has patented expanded metal wings which fasten to the wall on each side of the corner. When the plaster is spread over these wings it is keyed firmly to the metal mesh right up to the nose of the corner bead. The solid metal corner bead successfully resists blows that would destroy an unprotected plaster corner...and the expanded metal wings reinforce the plaster in a most effective manner. Particular people insist upon this effective assurance of permanently beautiful plaster corners...There is a tendency to do away with wood casing that contrasts with the wall finish in the tone and color. Instead, the casing is of metal, finished in the same tone as the walls. The most modern method is to use a metal casing, made by Milcor, which takes the place of wood.

Very Particular People Will Insist Upon These Refinements of Construction

This Milcor Expansion Casing has expanded metal wings which are fastened firmly to the wall. Thus, when the plaster is applied over this metal mesh it is thoroughly reinforced by the wings...and the metal casing cannot possibly become separated from the plaster. Furthermore, the metal trim adds a touch of distinction and graceful beauty to the most attractive room...The beauty of plaster is truly more than "skin deep"...it depends, for its permanence, upon the base to which it is applied. The modern plaster base is metal lath...and here, too, Milcor offers a product that gives the most assurance of freedom from cracks and dust streaks. Stay-Rib Metal Lath, due to its patented design, is stiffer than other laths of equal weight...and enables the plasterer to do a first class job without waste of material and time...Very particular people know that it pays to insist upon these Milcor products in their homes. Folders giving complete descriptions of them are yours for the asking. Would you like to have them?

MILWaukee CORRUGATING CO., 1429 Burnham St., Milwaukee, Wis.
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CHROMITE
Lustrous, Permanent, Metal Alloy Tile

As the conclusion of research into the subject of decorative tile the United States Gypsum Company offers CHROMITE, a non-corrosive, enameled, sheet tile that provides beautiful two-toned decorations in bathrooms, kitchens, playrooms, solariums, etc. CHROMITE is cemented in sheet form to walls and ceilings. Its lustrous, flint-hard surface rivals the beauty of expensive ceramic tile. Yet it is moderate in cost. And it is easily washed. CHROMITE has been exhaustively tested in the U.S.G laboratories. It has stood the test of time and service.

An illustrated CHROMITE booklet will be sent on request

UNITED STATES GYPSUM COMPANY
362 West Adams Street, Chicago, Illinois

CHROMITE
"For walls of permanent beauty"

A PRODUCT OF THE UNITED STATES GYPSUM COMPANY
Why is the Red Cap better for oil heating?

...Let us ask you another...

Why is a truly great race horse better on any kind of track? Because his breeding and stamina and speed will tell, whether the going underfoot is fast or heavy.

In exactly the same way, the truly fine Capitol Red Cap proves its heating qualities, no matter what the fuel. Capitol engineers have designed it to permit easy installation of any type of oil burner. They have given it the plentiful combustion space, the long fire travel, important with coal or coke and especially important with oil. But primarily, the Red Cap is better for oil burning because it is a better boiler. Every advantage that it has with coal is present equally or magnified with oil. Whether coal or oil is burned, it saves fuel, heats rapidly, has ample reserve power, and operates easily.

Actual experience of home-owners burning oil in the Capitol Red Cap, Red Top, and Red Head, as well as Capitol unjacketed boilers, proves their merit. A check of Capitol boilers recently installed shows a remarkable percentage being fired with oil. If you have not fully recognized the pinnacle of modern heating represented by Capitol boilers with the fuel of your choice, see your heating contractor. And write to us for the interesting and valuable book on present day heating, “A Modern House Warming.”
Why not complete convenience?

With everything that makes housekeeping easier and homes more livable, why neglect an outstanding convenience — the Kernerator.

Most other modern conveniences are conveniences only — the Kernerator, in addition, is an easy means for complete sanitation.

Garbage — of course — that's the original purpose of the Kernerator. But modern fuels have given rise to a very definite problem of disposing of the waste — of a hundred kinds — that can't be burned in gas or oil heating equipment, that is dangerous to leave in the basement and that you are prohibited by ordinance, in most cities, from burning out-of-doors.

Waste, garbage, rubbish — after it is in the handy hopper door is forgotten. Air-dried, an exclusive Kernerator feature, the waste furnishes the fuel for its own destruction.

Ask a Kernerator Incineration specialist to tell you why the Kernerator is completely convenient and how it accomplishes effortless garbage and rubbish disposal.

A line will bring an interesting catalog.

KERNER INCINERATOR COMPANY
1230 NORTH WATER STREET
MILWAUKEE, WIS.
CRITTALL CASEMENTS—with their sparkling crystal panes artistically fixed in a setting of lead and steel—add the final jewel-like touch of rich distinction to the interior of any home. They break the sunlight into warm, dancing patterns on floors and furnishings—and their simple beauty forms a harmonious background for colorful draperies.

Crittall Casements bring year 'round comfort and convenience, as well as decorative beauty. They close snugly against wind and weather—open wide in welcome to balmy breezes and healthful sunshine. And, they are easily cleaned and screened.

Whatever type or size of home you may intend to build, there is a Crittall Casement suited to your every need. Crittall Universal Casements are custom-built of steel or bronze to the exact specifications of your own architect. Norman and Stanwin Steel Casements are available in a wide range of standardized sizes, designs and types.

Ask your architect to show you the illustrations of Crittall-equipped homes on pages A1131 to A1200 of Sweet's Architectural Catalogues. Or, if you would rather investigate directly, we will gladly send you our latest literature describing the complete line of Crittall Casements.
Perfecting the Fireplace

Here's an idea that enables anyone to make his fireplace more than ornamental—

With a Heatilator—and only with a Heatilator—any fireplace can be made to send abundant and smokeless heat into the room.

No matter where you live or how well your house is heated, there will be days and nights when you will need more heat from your fireplace than the ordinary fireplace can give. And there is scarcely an evening but a hearth-fire will add cheer and beauty to the living room—if the fireplace can be used without smoke.

There is only one practical and easy way to build a fireplace that meets both these conditions, and that is with a Heatilator.

The Heatilator is a double-wall metal form around which the fireplace masonry is laid—a complete unit up to the flue, including damper, fire-box and smoke-chamber. (1) It positively assures the proper proportions and angles necessary for smokeless operation. (2) It provides an extra heating chamber that draws in cold air, warms it with the heat ordinarily lost up the chimney, and sends it into the room—giving extra heat from the same fuel, equal to that of a furnace register.

If you have your mason use a Heatilator you will be absolutely certain of satisfaction. He simply can't go wrong. Thousands of Heatilator fireplaces have been built without one failure, and satisfaction is fully guaranteed.

It costs little if any more to build or remodel a fireplace with a Heatilator than without. Use the Heatilator and make sure of fireplace perfection. Mail coupon for plans and details.

THE HEATILATOR COMPANY, 539 GLEN AVENUE, COLVIN STATION, SYRACUSE, N. Y.

**Heatilator Fireplace Unit**

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<td>Please send particulars, without charge or obligation.</td>
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<tr>
<td>We plan to build...remodel... (which?)</td>
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<td>Your Name... Address...</td>
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How does a home acquire character?

It's a joy to live in a house you've built yourself. Rooms arranged to suit your needs. Comforts, conveniences just as you want them. Decorations and equipment expressive of your own good taste and judgment.

Hardware plays a most important part in making a home livable. Doors must open smoothly, latch exactly. Locks must give maximum security. And, equally important, the design of every piece of hardware must help carry out the entire plan of decoration.

It pays in the beginning to insist on Sargent Hardware. Of solid brass or bronze, Sargent Hardware is a permanent installation. No worn surfaces. No rust-streaked woodwork. No replacements. But quiet, easy, perfect working of every piece of hardware.

No matter what type of architecture you have selected, you can find Sargent designs in perfect keeping. Hammered hinges entirely appropriate for batten doors of the old English type. Colonial rim locks perfectly reproduced. Authentic French and Spanish designs. You will find much of interest and instruction in our illustrated booklet, "Hardware for Utility and Ornamentation." It will be mailed you on request. Sargent & Company, 31 Water Street, New Haven, Connecticut.

SARGENT
LOCKS AND HARDWARE

AN ENGLISH COTTAGE TYPE HOME, WILMINGTON, DELAWARE, COMBINING AUTHENTIC COMPOSITION WITH CHARMING ORIGINALITY, EDWARD CANBY MAY, ARCHITECT
ALL BOILERS look alike. It is how they are made that makes the difference. Efficiency features cost money, but they save their cost over and over again. You pay for your boiler only once. But you pay for fuel every year—that's where the saving can be made.

The efficiency of the boiler is the prime factor in the cost of heating, and is even more important when you burn oil or gas than when you burn coal. Oil and gas make hotter fires—give off more heat units per minute—put a greater tax on the boiler's efficiency.

A boiler is efficient or inefficient on two counts. First, in burning fuel. Second, in absorbing heat from the fuel burned.

If the boiler burns only 75% of the gases liberated, allowing 25% to escape up the chimney unburned, and if it absorbs only 75% of the heat from the gases burned, allowing 25% to escape up the chimney unabsorbed, its efficiency is only 56 1/2%. These figures do not exaggerate common occurrence.

Taking this into consideration, together with the fact that the average yearly fuel bill runs from one-half to the full cost of a boiler, it is evident that an efficient boiler will save enough on the cost of the fuel to pay for itself every three or four years—a saving that will buy radios and automobile tires, and silk stockings and many other things.

Fact—Not Dream

This is not a dream we are talking about. We are talking facts. The cost of heating even when on an efficient basis is one of the largest items in running a house. Whether you now have an inefficient boiler or are going to build and want to avoid installing one—you owe it to yourself to go into this subject carefully. Ask any good Architect, Engineer or Heating Contractor about H.B. Smith Boilers in general and the New Smith "16" in particular.

Send for our free book

It would take far more space than is available here to explain the value of the many efficiency features incorporated in the New Smith "16"—features that insure efficient burning of fuel and efficient absorption of heat. But let us send you a copy of our new booklet, "The Smith 16" which will give you an idea of their importance and value. The amount of money you can save is far too great not to get the facts about how you can save it. Simply mail the coupon below and the book will be sent you free of charge and with no obligation to you.

THE H. B. SMITH CO.
Dept. K-27
Westfield, Mass.

Gentlemen: Without cost or obligation to me, please send me a copy of each of your two books, and details of the New Smith No. 16.

Name
Address
City
State

THE H. B. SMITH CO.
BOILERS & RADIATORS

The H. B. Smith Boilers for steam, hot water and vapor heating; radiators; and hot water supply boilers; for every type and size of private home, office building, factory and public building.
You can operate Electrolux a month on what you probably pay for ice in a week.

You'll have a safe low temperature, a supply of ice cubes, with almost any automatic refrigerator.

But with Electrolux you'll have these conveniences at only a fraction of the usual cost—without noise, without trouble, without interruption.

Electrolux operates so inexpensively because it is radically different from other refrigerators. It has no machinery or moving parts. Merely a tiny gas flame and a slight trickle of water to circulate the refrigerant. By this simple method you get constant, unvarying cold; ice cubes that freeze quickly.

And you can't hear Electrolux operate, because there is nothing to hear—no moving parts at all. This refrigerator is not only silent when you get it, but stays that way for life. It has no machinery to grow noisy later on, to need attention, to wear out. The refrigerant is sealed inside a rigid, one-piece steel unit. It never needs replacement. The gas burner has an automatic shut-off valve. No gas can flow should the flame ever go out.

With all these advantages, don't think that Electrolux costs more than other automatic refrigerators. Its price is about the same, size for size—$195 to $430 at the factory. Purchase terms are liberal. There are many models to choose from in white and beautiful color combinations. Can be operated with Pyrofax Gas where there are no city mains.

Before you buy any kind of refrigerator, see Electrolux. And write us for complete information. Electrolux Refrigerator Sales, Inc., Evansville, Ind.
When artists were artists and men had time to appreciate fine things, hardware of forged iron, executed in marvelous designs, was a feature of every wealthy landowner's Castle.

This pattern with its happy combination of gracefully curving lines and sturdy shapes is derived from examples of forged iron created in England during the centuries when the art of the metal worker reached its highest point. In texture, finish and beauty this forged iron hardware by McKinney stands as a worthy successor to the creations of former great craftsmen.

In addition to the exquisite Warwick, McKinney Forged Iron Hardware is available in five other master designs: Heart; Curley Lock; Tulip; Alhambra; and Etruscan. Almost any type house can be outfitted in perfect harmony. All necessary pieces—handle sets, hinge straps, H & L hinge plates, knobs, shutter dogs, chimney irons, garage hardware, etc.—are available through your Builder's Hardware Merchant.

To make possible an accurate study of all designs, McKinney offers a beautiful Brochure illustrating their proper application. Use the coupon to request your copy.
Lovely sparkle of crystal on your table... glistening crystal! Don't you just adore it and doesn't it make entertaining ever so delightful? Since the momentous nineties, when hostesses have wanted fine crystal they have turned to Heisey's as the choice of good taste. Because for so many years now the name Heisey has been assurance of superb quality in glassware, quality that appeals and allures. The whys and wherefores of this are to be seen in the never-flagging devotion of Heisey craftsmen to artistic achievement and originality of design. They have had much to do with making glassware the vogue. Their exquisite creations in both crystal and colors are to be seen at the leading stores. And the price you know is moderate.

When buying for your own use or for friends, you will be glad to have the booklet, "Gifts of Glassware". Write for your copy.

Look for the

ON EVERY PIECE embossed on the glass or on adhesive label.

Glass Perfected Through the Secrets of 4000 Years

In ancient Constantinople, mighty seat of empire, skilled craftsmen worked in that section of the city known as the Gateway of Glass. Here during the flourishing period of art called the Byzantine, they developed wondrous secrets of coloring and making glass, so that their rich mosaics have ever since been famous. They also wrought beautiful lamps, vases, bowls and chalices, which are now treasured in museums. Modern American glassware by Heisey is the fruition of the secrets of many ages, bringing beauty to your table.
Will Foster painted the lower illustration for Pierce-Arrow in 1912. Eighteen years later, Mr. Foster pictures the same scene (alongside) with 1930 models of the same kind of girls, the same kind of car.

Three New Groups of Straight Eights by Pierce-Arrow

HAVING created a Straight Eight line of such rare symmetry as to utterly outmode its field, Pierce-Arrow has gone brilliantly farther in a new series of fine car developments.

The new models are in three groups and four new wheelbases, three of which are longer. All are of delightfully increased spaciousness within . . . all are in the custom manner, with appointments of a beautiful and distinguished modernness . . . all share the slender, low-swung, patrician grace so truly and exclusively Pierce-Arrow.

And these new and ultra-modern Pierce-Arrows are as richly endowed mechanically:

With gears which silently and easily shift at any speed . . . with an “intermediate” that operates with the smoothness and swiftness of ordinary high . . . with a wheel which handles with magical ease . . . with super-safety brakes, non-shatterable glass, low gravity centers, hydraulic shock absorbers, etc . . . these latest models embrace every device known to the engineering of fine motor cars and worthy of Pierce-Arrow adoption.

NEW PIERCE-ARROW PRICES . . . at Buffalo . . . From $2695 to $6250
(Other Custom-built Models up to $10,000)

PIERCE-ARROW
In many a stately old home there is a room that should be modernized

A friendly, substantial old home. You know at once that it has been in the family many years or even generations. In the Nineties one of the bedrooms at the end of the upper hall was partitioned off and converted into a bathroom. And, strange as it may seem, in this day when the bathroom is planned and furnished with as much care as the other rooms, the old tub with its claw and ball legs is still there.

Some day, and it will very likely be soon, the whole family will insist upon having a modern bathroom. Someone will be designated to write to the "Standard" Sanitary Mfg. Co., Pittsburgh, for a copy of the book "Color and Style in Bathroom Furnishing and Decoration" and visit a "Standard" Showroom in one of the principal cities.

In due time there will be a beautiful, more useful bathroom, a bathroom worthy of the old home, with "Standard" Plumbing Fixtures in delicate orchid, Ming Green, old ivory, or any one of the nine exclusive colors in which these fine fixtures are made.

Perhaps you would like to see a copy of the book "Color and Style in Bathroom Furnishing and Decoration." It will be mailed on request, also, if desired, details of an easy financing plan.

106 Sixth Street, Pittsburgh
Division of American Radiator & Standard Sanitary Corporation
AMERICAN RADIATOR HEAT FOR APPROXIMATELY $75 PER ROOM – WHY HAVE ANYTHING ELSE?

ARE you going through another winter with inadequate heating? ... It is really an extravagance to do so, aside from the discomfort, when you can have an American Radiator heating plant installed for approximately $75 a room. And now is the time to install it.

Radiator heat is so natural that it is used in conservatories to protect flowers — and it is equally vital to the health of the family. It is the only kind of heating that assures you clean, even warmth in every room, all winter long, regardless of the weather.

And see that your heating plant is "All-American"... part American and part something else means parting from efficiency. "All-American"—Boiler, Radiators and Accessories—means perfect team work. Then get ready to see a transformation downstairs when the "Ideal" Boiler in its red enamel jacket gets busy. It sheds the glamor of a room into the gloom of the cellar.

CONVENIENT PAYMENTS IF YOU DESIRE

And don't worry even about the low initial cost. You can take out the old heater and put in American Radiator heating for a little down and a little monthly. Defer the payments—not the benefits. Modernize your home now with a heating system that will promote the wealth of your property and the health of your family.

Write for details and call in your local heating dealer.

AMERICAN RADIATOR COMPANY
40 WEST 40th STREET, NEW YORK
DIVISION OF
AMERICAN RADIATOR & STANDARD SANITARY CORPORATION

About Your HOT WATER SUPPLY
The Hotcoil Heater gives constant hot water and operates with the utmost economy. Write for details.
WALL PAPERS that reflect charmingly the smartest modes of today need cost no more than the ordinary papers one sees everywhere. For “Designs of Today” by Thibaut are not alone lovely in color and design, but amazingly modest in price. Thibaut’s “Moderne B” which serves so admirably as a background for the interior sketched above, is typical. This delightful paper costs but $1.25 the single roll. And, like every other paper in this smart collection, it is light proof—it cannot fade. These papers are being displayed by decorators in leading cities. If your decorator cannot show them to you, write us for free specimen cuttings, mentioning colors preferred. We will send also a helpful little book, “Wallpaper Designs of Today.” Address Richard E. Thibaut, Inc., 24 West 40th Street, New York City.
COLOR continues to dominate in kitchen decoration, the latest addition to the ranks of brightly hued accessories being a new collection of dish towels that will make you want to change the entire color scheme of your present kitchen to make it harmonize with these. There is a striped towel that suggests the peasant kitchens of Normandy, with wide alternating colored and white stripes running horizontally. This pattern comes in red, pale yellow and light Nile green stripes, with white. Another design has large squares in two shades of one color, with white. The colors here are pale green, yellow and a lovely shade of blue. Quite a different type of design, but none the less effective, is a towel with solid colored ground patterned in polka dots and a border of small posy-filled flower pots in white. This is available in both yellow and pale green. A white kitchen hand towel is decorated with a woven border in a design of four rows of scallops shading from medium to light turquoise blue. These add the final touch of interest and color to kitchens already enlivened with tinted oil cloth, paper shelvings, etc. They are guaranteed color fast by Cannon Mills, Inc., the manufacturers.

THE HINDUSTAN
A Famous 19th Century Scenic Wall Paper
Naked natives rowing barges, wild dances before strange temples, slow moving oars, and tropical foliage suggest adventure in the Scenic Wall Paper Hindustan, by Zuber & Cie., Alsace, India lies half around the world, but this remarkable Scenic Wall Paper brings its glamour to you.

Illustrations upon request. Can be ordered through your local Decorator.

A. L. DIAMENT & CO.
Importers, Jobbers and Retailers of Interior Furnishing
101 & 119 Park Ave., New York
1515 Walnut St., Philadelphia

WALTER, JOHNSON, INC.
INTERIORS AND ANTIQUES
526 Madison Ave., New York City
Telephone Pile 1644

Adorably Small
the Caprice Desk has the beauty of a more important piece with its cabriole legs and drop front. It is pigeonholed and has two drawers below. May be had in cracked green or red edged with gold.

As an Old Masterpiece
styled "Girl with Hat" justifies itself as being different from all paintings of girls with hats, so Paul Dumas' quaint wall paper MAN WITH DONKEY is distinguished not only from all men with donkeys, but from all other designs in wall paper such as its charming naivete and beauty.

An Antique Louis XV. Commode
with original hardware
Equally interesting is a new collection of bath sheets also manufactured by the Cannon Mills, Inc., and featured for bathroom or beach use. These are in reality glorified bath towels, measuring 60 x 35 inches. They are made of heavy Turkish terry cloth, are reversible and come in delightful colors. For the blue or yellow bathroom, there is a towel with wide and narrow vertical stripes in French blue shading to pale sky blue, accented at intervals by a very narrow stripe in bright yellow. In the popular green and yellow colorings, there is a pattern with wide canary yellow stripes broken by light green stripes in varied widths, while unusually effective because of its smart combination is a striped towel in French blue, sky blue and Nile green.

A new type of carpeting that promises to revolutionize the old carpet-laying methods has recently been developed by the Collins & Aikman Corporation. This is a woven pile carpet with a processed backing of permanent resiliency coming in 54-inch widths. Regardless of size, the carpet

It is important to know that
Rutlin's
Garden Furniture
is designed, manufactured and imported by
Rutlin's
Among our new designs is
an English Garden Shelter.

Malacca wheel settee with water-proof cushions. Wrought iron tree designed to fit any space.

A charming small table
—so simple that it is at home in any surroundings, so adaptable that it suggests tea time hospitality, after dinner coffee, and a score of other pleasant uses. It is a Mahogany drop-leaf Spider Table—Richter's reproduction of beautiful American antiques. With leaves open, 29" x 22"; closed, 6 1/2" x 22"; height, 24".

Richter Reproductions are faithful copies of Early American Furniture, executed by skilled, appreciative craftsmen. They are equally appropriate to the modern city apartment and the spacious country home. You may purchase through your Architect, Dealer or Decorator. Send for booklet.

Diane Tate and Marian Hall Inc.
801 Madison Avenue • New York

Margery Sill Wickware
Decorator

is now permanently established at
38 East 57th Street
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Refurnishing and Remodeling
Of Offices and Town and Country Houses

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DIRECTORY OF DECORATION & FINE ARTS

AMERICAN TOILE
Send for our portfolio collection "D" of 85 authentic copies of Colonial and early American paper. Ideal for the country home. Indorsed by the decorative authorities as absolutely correct. Prices from $.75 to $2.50 per roll. $1.00 deposit required on portfolio and refunded upon return.

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Distinctive Wall Papers
119 West 3rd Street
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KATHARINE HARTSHORNE
Specialist in
Interior Architecture
Interior Decoration
143 EAST 59TH STREET NEW YORK

CRITON & CO.
EXPERTS IN OLD ENGLISH SILVER
636 Fifth Ave.
NEW YORK

BONWITTELLER
FIFTH AVE. AT 57TH STREET
NEW YORK

Our collection is replete with lamps that are individual works of art. . . . rose quartz, crystal, jade, amethyst quartz . . . exquisitely carved into the goddess figures of China, completed by beautiful hand-made shades. Many are one of a kind! 145.00 to 500.00

The lamp sketched, with rose quartz figure . . . . . 145.00

LAMPS . . . THIRD FLOOR

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FURNITURE

Rooms for children completely decorated and furnished by

CHILDHOOD INC.
215 EAST 57TH STREET NEW YORK

DEEP-SEA TILES
Accurate reproductions of sea life in color or black and white silhouette. Smart cocktail and coffee tables in wrought iron, $125. Single pieces from $25.00 up, suitable for Interiors, Murals, Gardens and Pools. Booklet on request.

BARBARA STANDISH LE WALD
16 East 52nd Street, New York

STERLING Silver Clear Lighter in the form of a Roman lamp, 5 1/2 inches long by 2 3/4 inches high, priced at twenty-five dollars. Designed to be used with Old Silver.

AUTOMATIC Lighter in Sterling Silver, enameled turned, 2 3/4 inches high and made by skilled craftsmen, priced at forty-five dollars. The same lighter in plain finish thirty-five dollars.

CRITON & CO.
EXPERTS IN OLD ENGLISH SILVER
636 Fifth Ave. NEW YORK at 31st Street

Lamps XVII Walnut Commode moldings in brass—top of gray marble Steven Gammichon at Parls. 34% high, 50" long, 23" deep

BARBARA STANDISH LE WALD
16 East 52nd Street, New York

or rug is laid without the unsightly welt-sewn seam, as this carpet makes its own selvage wherever it is cut. It is joined together with a newly patented process, making a practically invisible joint, cross joints and bias joints included. Wear and time only result in a consolidation of this joint. This process provides for an apparently seamless carpet of any size whatever, giving a superior broadloom effect.

IN addition to doing away with unsightly seams, this carpet obviates the usual waste in cutting as all scraps can be utilized. Circular stairways can be carpeted without remnants. No bindings or reinforcements are needed. A further advantage is the treated back which makes the rug "stay put" once it is down. The back is also waterproof which means carpets can be scrubbed and cleaned on the floor. In cases of stain or burn, this part can be cut out and a piece set in without evidence of joining. (Continued on page 37)
These Delightful Bird and Butterfly Flower Stakes

The following bird subjects and butterfly color combinations may be had—any six in a set $3.00 Postpaid.

**BIRDS**
- Cardinal
- Gold and Black
- Parrot
- Italian
- Green and Black
- Goldfish
- White and Black
- Yellow and Black

**BUTTERFLY COLORS**
- Yellow and Black
- Orange and Black
- Blue and Black
- Green and Black
- Blue and Black
- Red and Black

The stakes are 4' long and mounted in black—adding a delightful touch to any lady's garden.

SHENANDOAH COMMUNITY WORKERS

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**Who Is Dale?**

Dale is a firm which for forty-five years has made a remarkable line of fine lighting fixtures in period styles for every type of home. They can save you money because they sell on the "Direct-to-You" Plan. You will find their expert advice valuable and you will be pleased with the careful attention they give to every inquiry. They will gladly send you a number of photographs of fixtures of any style or period in which you may be interested.

Address Dept. No. 18, mentioning type of house.

Established 1884

DALE 105 West 15th St. New York

Lighting Fixture Company, Inc.

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**TODHUNTER**

**FIREPLACE EQUIPMENT**

Antique pieces and authentic reproductions of interesting and unusual old designs

This very attractive Franklin Stove was cast direct from the original. Height under brass knobs 28", $77.00

At the Antiques Exposition March 3rd to 8th we are showing in Booth 155 an historic OAK ROOM

119 E. 57th St., New York
MODERN chests, desks and bookcases when well designed are not only desirable for their simple lines and interesting forms, but for the practical arrangement of drawers, shelves, and cupboards in pieces of this kind. An example of extreme practicality, combined with pleasing lines, is a new chest of drawers for a man made by the Modernage Furniture Company and available unfinished or painted any desired scheme. It is 54 inches high, 32 inches wide and stands on a corrugated base. There is a drawer at the top that may also be opened by lifting the mirror-backed lid. This drawer is partitioned into small compartments. The body of the chest has two doors which open to reveal six sliding trays.

THE simplicity and definite lines of most modern furniture not only require hardware in keeping, but handles, drawer pulls, and locks of sufficient decorative interest to compensate for lack of ornamentation. (Continued on page 39)

OBJETS D'ART
of Distinctive Beauty

EXQUISITELY hand-chased bronze is the base of the lamp at the left, a delight to the beauty-loving eye, with its coral Buddha and turquoise vase, topped with a shade of antique crushed velvet in coral.

Charles J. Weinstein Co.
IMPORTERS AND MAKERS
Distinctive Lighting Effects
2 West 47th St.
New York

These standard units for your closets have EASY SLIDING DRAWERS, guaranteed not to stick, Inexpensive, Space-Saving, Well-Built. Write for folder.

PHILIP HALL
38 E. 49th St., New York

A Touch of Enduring Beauty
for the Garden

MADE of high-fired, durable Terra Cotta—by master craftsmen—these three pieces are typical of hundreds of works including: Sun Dials, Casing Globes, Boxes, Vases, etc., for beautifying the Garden, Sun-room or Interior. Send ten cents in stamps for illustrated catalog.

Now, a Folding Fernery

A charming piece for house, porch or lawn. Patented feature allows it to fold into small space when not in use—yet when open it's firm and rigid.
Are you furnishing a home?
You can achieve far more satisfactory results if you have a really authoritative knowledge of Interior Decoration. This knowledge may also save you hundreds, even thousands of dollars, in making your purchases.

Are you seeking a career?
You will find financial reward and wonderfully interesting work in the field of Interior Decoration. This exceptional profession offers vast opportunities to meet your individual requirements.

Learn Interior Decoration
at home in spare time

A GROUP of eminent Interior Decorators have created an unique plan that brings to you, in spare time at home, a thorough and authoritative training in every phase of the subject. Sponsored by Arts & Decoration Magazine, this home reading course appeals alike to those interested in Interior Decoration from a cultural, practical or professional standpoint.

A handsome illustrated brochure gives full details of the course. If you are interested we will gladly send you a copy of the brochure without cost or obligation.

ARTS & DECORATION
Dept. 287
578 Madison Ave., New York, N. Y.

A Toad Stool
Garden Seat

Of composition stone—18 inches high—this toad stool seat looks as if it might have sprung up through the grass. Cost $12, delivered by freight. Cash or check with order.

A folder showing other unusual things for the garden will be sent upon request.

MALCOLM'S
Unusual Decorations for The House and Garden
524-26 North Charles St., Baltimore, Md.

OUT OF THE ORDINARY
BEAUTIFUL & INEXPENSIVE
LIGHTING FIXTURES

ALMOST every one has somewhere in their home a room, hall or staircase that fairly begs for self expression. These places often need but the addition of a well-designed sconce, lantern or candelabrum to become a most charming part of the decorative ensemble.

We know that you will admire, in marked contrast to the customary run of lighting material, the evident quality, workmanship and design of Industrial Arts hand-crafted fixtures. All may be had finished from the lenses, opalescent or with or without electric attachments. Prices reasonable. Send for illustrated literature.

INDUSTRIAL ARTS, INC., 371 North Bennet St., Boston, Mass.

UNUSUAL FIXTURES

INTERNATIONAL ARTS & DESIGNS COMPANY
370 Madison Ave., New York, N. Y.

Genuine Reed Furniture

We are constantly Furnishing Prominent Homes, Hotels, Clubs, and Yachts with Distinctive Reed Furniture, and Decorative Fabrics. WEATHERPROOF FURNITURE FOR THE OUTDOORS

IRON GARDEN FURNITURE

New Catalogue of Reed Furniture sent for 25c

The REED SHOP, INC.
117 East 57th Street, New York
BEAUX ARTS BUILDING, PALM BEACH, FLORIDA

The Campbell Shops
OF NEW YORK, INC.
216 East 41st Street New York City
Near Grand Central Terminal. VANDERHILT 7228

Unfinished Furniture

THE largest assortment for every room or purpose.
ALL unfinished, or can be finished by our own finishers at this address.
CATALOG showing room settings and individual pieces sent on receipt of ONE DOLLAR

(Refunded on any purchase)

VENEZIAN some authentically reproduced from an early 16th century painting. Many others in our showroom are directly painted on canvas and afterwards mounted on canvas or board. Prices reasonable. Send for illustrated literature.

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540 MADISON AVE., NEW YORK N. Y.

THE REED SHOP, INC.
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BEAUX ARTS BUILDING, PALM BEACH, FLORIDA

Imported Decorative Fabrics

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March, 1930

SHOPS OF HOUSE & GARDEN

POLKA DOT SERVIETTES

Made in Europe from our design and printed in four colors on fine creped paper. Red, Green, Yellow and Blue cocktail size. A box contains 48 assorted. Sold in exclusive shops or direct, $1.15 postage paid.

AMY DREVENSTEDT
31 EAST TENTH STREET, NEW YORK

PLANS

FOR FINE HOUSES SHOWN IN TWO BOOKS

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Don't be too stern with yourself this year. Really plan to take that mid-season vacation... now! As you glance through these pages, you will find advertisements of the best hotels, resorts and trains. Why not write today for rates and reservations?

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Carolina Hotel. For comfort and good times, Pinehurst. Relax in your own cabin, or in the comfortable, well-kept public rooms. Golf, tennis, riding, etc. Mr. Horace B. H. Riggs, Manager.

New Kelly Inn. Nineteen completely modern, super facilities for golf and tennis in ideal climate. Sunny, restful setting. Mr. Julian E. Priest, Manager.

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OHIO

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Pennsylvania
Philadelphia
The Bellevue-Stratford. Its splendid location made it one of Philadelphia's oldest of all hotels as well as oldest from all parts of the country. Considered by many the most favored hotel in the city. Charles H. Gurney, Manager.

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Four seasons winter and summer. The best of everything in Plymouth Beach. Overlooking the Atlantic. All their facilities. Mr. C. S. L. McGee, Manager.

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Charleston
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Ocean Forest Hotel and Country Club. Open all year, unexcelled climate, 2 golf courses, ocean baths, tennis, entertaining and sports. Mr. William H. Bruce, Manager.

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Vermont
Woodstock
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Wyoming
Encampment
A-Bar-A Ranch. Attractive cabins with bath, excellent cooking, pleasant setting. Mr. W. H. Mulberry, Manager.

Shepherdsville, Greenboum
Sailing Day:
— Didn't know it would be such a thrill! The ship hung with lanterns and flags. Everybody throwing colored streamers and balloons, the orchestra playing and such a crowd! Laughing and kissing. Last minute Bon Voyage baskets and telegrams. A newly married couple dashed up the gang-plank under a shower of rice. Can see lots of fun ahead. Our stateroom snowed under flowers and chocolates!

I'm writing this on top deck in my brand-new travel diary. Feeling beautifully luxurious—facing the prospect of new countries and people all around the world.

(Already wondering who is the impressive-looking man with the brief moustache and knickers. He has good taste in pipes. This is the third time he's walked around this deck. Glad I wore this yellow and brown sweater outfit.)

Can talk. How that man has traveled! Lived all over the world. No wonder he looks so bronzed and cosmopolitan. And he brings with him the brief moustache and knickers. He has good taste in pipes. This is the third time he's walked around this deck. Glad I wore this yellow and brown sweater outfit.

Stopper necklace and an alarm clock for a wrist watch. Not to mention a soap box for a vanity. Glorious time. And what food! Papaya melons from Honolulu, fresh mushrooms, breaded froglegs, pili nuts and mangoes from Manila, creme de menthe sherbet... I think we have the best table on the ship, Baron von P— is at my right, the newlywed couple from Stanford just across, and the jovial Captain holding down the hostly honors. Having too good a time to write every day...!

Thursday—Yokohama today. Already the water is dotted with sampans and little brown fishermen.

Well, I've ridden in my first ricksha! And now I know how Caesar felt in a chariot! Spent the day Oh! and Ah! First at the Daibutsu Buddha at Kamakura. Never will forget those mysterious slumbrous eyes.

After luncheon we went up to Tokyo on a perfectly modern interurban. To the Thursday Club where we bought genuine Japanese kimono. (Not the usual tourist kind.) These were in dark, rich colors—plum, mauve and gray with a delicate striping and simple motifs. Stunning present for a particular man.

Then to see the Meiji Shrine where the Japanese pray for the Emperor's soul. (An inner shrine contains a sacred mirror which represents his soul. Fascinating ideal.)

Drove up in the hills for a native supper. A doll-like paper tea-house with doors that slide back. View of the whole city twinkled below, Sat on little grass mats, and ate sushi and unagi with bamboo chopsticks.

Saw a real geisha dance at the Azuma Odori—How very Japanese! Next act was an uproarious cloth-horse—a country cousin to "Spark Plug". Japanese adore comedy.

Ended up a perfect evening with a trip to Asakusa, Tokyo's Coney Island. Laughed our way through the crazy mirror palace, eating Japanese fish candy.

Stopped to fill our miniature English motor with Japanese "motor spirits" and sped back along the left-hand side of the road to our hotel.

If this is my first day in the Orient, what will the rest be?

COMPLETE INFORMATION

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There are many more of these glorious shrines—Chester, Hereford, Gloucester, and Worcester, each a gem of loveliness and interest that will lend fragrance to days ever afterward.

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MID-AFTERNOON on a broad veranda. Coco palms nodding in a South Sea breeze cast moving shadows on a velvet lawn. A brown-eyed sprite, barefooted and bedecked in blossom-leis glides out of the shade and pauses where the sun breaks through.

From a low-throated ukulele comes a vibrant strum like a warning note. Suddenly the echo is caught by the pulsing lift of steel guitars. In weird grace the immobile figure slowly swings into the lithesome movements of the Hawaiian hula.

The wild ecstasy of the tribal dances of old Hawaii, the sobbing of their music which tells of winds in forest branches, the moan of surf on coral shores, plaintive loves confessed to a tropic moon, lend a glamour to the Paradise Isles which grows with every visit.

Today in flower-scented groves, thrilled by the drama of ancient days enacted in fairyland settings, are many who return winter after winter. Their reluctance to leave and the Benediction of a climate which carries its cool delights to summer's climax, is responsible for extending the Winter season into Spring.

May Day, which is Lei Day in Hawaii, finds the season at its height. Arrange to go now. Great liners that defer to none in luxury and service make the trip over sun-smoothed seas in from four to six days from the four gateways of the Pacific. There's no need of passports or other formalities. Hawaii is part of the United States—as much so as your own state.
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STOCKHOLM EXPOSITION
May-September 1930

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The wall surface of Indiana Limestone has infinite variety. Its color-tones soften as the years pass, making the house built of it actually more attractive with age. Indiana Limestone of course never needs attention. In addition to the saving in exterior upkeep, your house always has a much higher re-sale value.

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This J-M Home Insulation is a "thick" insulation that fills solidly every nook and cranny of the wall spaces in your home. This insulation, which is an ingenious "wool" made from melted rock, is blown into place by air under pressure. The material is light in weight but mighty in insulating value. The work is done from outside the house. There is no dirt, no litter, no rubbish. Nothing inside or outside is damaged. And when the job is done we have, in effect, built within the walls an invisible, but everlasting house, which conserves the furnace heat in winter, and keeps the home far cooler in summer.

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1. The house throughout the year is far more independent of exterior changes in temperature.
2. There is a large saving in fuel, even though the house is more comfortable than ever before.
3. Being vermin-proof, the rock wool shuts out rats and mice from all exterior walls.
4. Being fireproof J-M Home Insulation will retard fire by sealing the air spaces up which flames so readily travel.
5. You can insulate any part of your house or the whole house as you please.

Hundreds of homes have already been insulated by J-M Home Insulation Contractors, and in every instance the results have been more than satisfactory. "Fuel bills lower—house is warmer" . . . "Our second floor is comfortable at last" . . . "Hot summer days don’t overheat our bedrooms" . . . These are expressions from letters that pleased owners have sent us since J-M Home Insulation made their homes more livable.

This J-M method is the only practicable means of completely insulating a home already built. It is equally effective for new houses. Wherever you live, you can probably have your house J-M Insulated at once. Our contractors now serve 75% of the country’s homes. We have put the story of this new insulation into a valuable book, "The Invisible Home." A free copy is yours for the asking.

J-M Contractors in these territories

Metropolitan Philadelphia area Kansas City, Mo.
New York Hartford, Conn. Des Moines, Iowa
Westchester Providence, R. I. Sioux City, Iowa
County Springfield, Mass. Minneapolis and
Long Island York, Pa. St. Paul
New Jersey State of Maine Chicago area
Boston area Decatur, Ill. Marion, Ind.
Baltimore area Rockford, Ill. Milwaukee, Wis.
Syracuse area Omaha, Neb. Detroit area

J-M Contractors in these territories serve 75% of the nation’s homes

The artist has cut away part of this house to show how the J-M Home Insulation (marked A) fills solidly all the space between studs, and between rafters. This invisible wall has an insulating value equal to more than ten feet of solid concrete.
BEFORE YOU DECIDE UPON material for your Spring decorations, be sure to see the loveliest creations ever offered in cleanable cloth wall covering.

Sanitas celebrates its twenty-fifth anniversary this year with an entirely new group of modern and period designs for every room in the house.

Sanitas combines beauty and durability—doesn’t fade, crack or peel. Sanitas can be distinguished from substitutes by the Sanitas trade-mark on each roll. Look for it for your own protection.

Samples and literature sent on request

The Standard Textile Products Co.
320 Broadway Dept. 21 New York

SEE THE NEW STYLES IN SANITAS WHICH LEADING ARTISTS HAVE CREATED

Ask your decorator to show you the Twenty-fifth Anniversary Sample Book of Sanitas.
MODERN woman’s scanty raiment brings the need for more heat in homes than is comfortable for wool-clothed men. Today a uniform temperature throughout the house cannot satisfy every member of the family.

Heating engineers have kept pace with Paris couturieres. They have made it possible to deliver to each room as much or as little heat as its occupants desire, without effect on other rooms. They have developed the modern heating system; the system with room-by-room temperature control; Hoffman Controlled Heat.

In homes equipped with Hoffman Controlled Heat, the touch of a finger on the lever handle of the radiator valve commands that radiator to deliver full heat, three-quarters, half, one-quarter or none at all. Action is sure and prompt.

Heat is generated only as the call for heat increases. Thus there is no waste. Operated under low pressure (4 to 6 ounces heats large homes) fuel costs are drastically low.

It doesn’t matter what standard boiler and radiators you select. It doesn’t matter whether you use oil, gas or coal as fuel. You can add the equipment that makes it a Hoffman Controlled Heat system. This equipment comprises (1) Hoffman Modulating Valves and Return Line Valves for radiators, (2) the accurate Hoffman Damper Regulator, (3) the Hoffman Differential Loop, and, (4) the Main Vent. When properly installed, the system is guaranteed by a conscientious maker, to operate for years as promised in this advertisement.

Before you buy or build that new home you are urged to investigate this substantial advance in heating methods. It is a simple matter to get all the facts. Merely send for the Hoffman Controlled Heat booklet. Address the Hoffman Specialty Company, Inc., Dept. H-21, Waterbury, Connecticut.

Swing the lever handle of this little valve, and command the radiator to deliver (quickly) as much or as little heat as you desire, without effect on other rooms.
For a home inspired by picturesque old Spanish dwellings, architects Cram and Ferguson of Boston sought the graceful lines and glowing colors of windows designed in long-ago Seville. They found them in Fenestra "Fenwrought" Casements (screened).

These casements reproduce the beauty that lures travelers to Spain...harmonize with the rich tiling of floor and alcove, the deep-toned leather upholstery and the stately simplicity of furnishing...they are designed for years of comfort and convenience. Permanence, fire-safety, lasting satisfaction are built into the rolled steel frames, the attractive hardware and wide swinging leaves with their small, attractive panes.

Of equal importance, Fenestra "Fenwrought" Casements may be washed on the outside from within the room...eliminating all the old hazards of window washing. A finger touch opens them wide or closes them snug-tight. No weather strips are needed. And, unlike ordinary windows, they do not stick, warp or rattle.

Now—Casements and Screens Through One Manufacturer

It has remained for Fenestra to offer a screen of enduring bronze, designed to fit flat against the inside of the casement frame. The swing leaves of the casements are opened and closed through the screens and without touching them. Yet the screens are exceptionally easy to remove.

Whether you are planning a Spanish type house or one in any other old or new architectural style, you will find Fenestra "Fenwrought" Casements (screened) both beautiful and practical. And they're economical for any home.

Detroit Steel Products Company
2247 East Grand Boulevard, DETROIT, MICHIGAN

Gentlemen:
Please send me without cost or obligation:
"Decorating with Casements," containing many beautiful color plates.

My Name
Street
City........................................State..............................
THE LIVABLE BASEMENT

enlarges your home at little cost

The possibilities of the modern, livable basement in the gas-heated home are fascinating and endless. A whitewashed room for a gymnasium or work-shop—a children's playroom with inexpensive composition board walls as in the color plate above—a masculine den with colored concrete floor and harm-proof furniture—or an extra recreation room, for entertainments and dances, decorated and furnished on a par with the upper floors. These and many other uses can be served by the basement in a home where the heating plant is silent and odorless, brings no dirt or grime into the house and generates none.

Set aside an adequate portion for laundry and storage and the rest of the basement can then be made a spacious addition to the livable area, because Bryant Gas Heating is "as clean in the basement as it is in the picture."

This change from the old-style cellar to the modern basement is not limited to new residences. Bryant Gas Heating makes the transformation possible in the majority of old houses.
And gives you a larger, cleaner home within the same four walls

With a Bryant Boiler or Furnace in your basement you can

- throw away your coal shovel
- junk your ash can
- eliminate all fuel storage of any kind
- make a single match your winter's kindling
- tend furnace by the calendar, not by the clock
- greatly lighten the daily housework
- save rugs, paint and upholstery and postpone redecorating
- do away with dangerous ups-and-downs of inside temperature
- hold temperatures constant within a single, thermometer-measured degree
- live in a warm house, sleep in a cool one
- laugh at blizzards
- enjoy winter
- and let your pup be your furnace man!

BRYANT Gas Heating is applicable to steam, vapor, hot water and warm air systems in old houses and new residences, large and small. Hundreds of Bryants have given upwards of fifteen winters of dependable heat, without requiring repairs or replacements of any kind and with no more "servicing" than annual fall inspections. Some typical comments from Bryant owners are reproduced at the right.

Read them—then write for complete information about Bryant Gas Heating and how you can determine in advance the cost of its installation and operation in your present home or the one you are planning.

THE BRYANT HEATER & MANUFACTURING COMPANY
17846 St. Clair Avenue
Cleveland, Ohio

ASK BRYANT OWNERS

We think it the greatest material blessing we have ever enjoyed."

"If it were not for our Bryant, I think we would be back in an apartment again."

"I'd give up my personal automobile before I'd give up my Bryant."

"We went away last month for a week, leaving a new maid in the house. With any other heating plant I'd ever heard of we couldn't have dared do that. She never even saw the boiler while we were gone."

"I am everlastingly grateful that you kept prodding me until I installed my Bryant."

"Let me know if any neighbor of mine shows any interest in a Bryant. I'll give him enough heavy argument to sell him, hands down."

BRYANT

GAS HEATING

-- lets her Pop be your Furnace Man
50% of all serious residence fires originate in the basement...

...and most of this tremendous fire loss would be saved were the homes built with HAVEMEYER Steel Joists for the ground floor!

Aside from fire-safety, the Havemeyer Steel Joist has other advantages that recommend its use for the ground floor in homes, even homes of moderate cost!

It makes a floor that will not shrink, sag, spring or warp, thus minimizing cracking of plaster on walls and ceilings. It gives a clear, spacious basement without pillars or supports of any kind.

It saves in foundation and framing costs. It insures the utmost in strength, rigidity and performance. It provides maximum sound-proofness and freedom from rat and mouse annoyance.

Finally, it is low in first cost and easy to install.

Simplicity of Havemeyer Steel Joist Construction:

Place Joists—a common labor operation, two men can handle any joist;

Apply metal lath and fasten;

Pour concrete on metal lath—no forms necessary, no skilled labor;

Apply finishing floor and plaster basement ceiling.

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HAVEMEYER STEEL JOIST

HAVEMEYER FIRE-PROOFING PRODUCTS

Havemeyer flat lath is an expanded metal product made from sheet steel, painted or galvanized; copper bearing steel or pure iron.

Havemeyer Fire-proofing Products include all types of metal lath, expanded metal, corner beads, channels, angles and similar products used in the construction of fire-proof dwellings and buildings of all types.

CONCRETE STEEL COMPANY
42 BROADWAY, NEW YORK CITY

Please send information regarding Havemeyer STEEL Joist and other fire-proofing products.

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Government engineers report, "Tests show burners using low
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in cost by burning heavier oil may be as much as 30%." Because
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PHIL KNEW YOU WENT UP
AND DOWN THE STAIRS

... BUT HE LEARNED A LOT MORE ABOUT THEM

Last night Phil brought the architect home, and we were admiring the house all over again. It is lovely. "Rather fine work there," said Phil, nodding at the staircase—though he didn’t know any more about woodwork than he thought I did!

Mr. Wallace smiled. "Well, it ought to be. Your builder had definite instructions to use Pondosa Pine all through the house—stairways, doors, window frames and all. You know, it used to be that I could only tell them to use 'pine'—with no species name or anything else to qualify it. Then those people out West started marking their pine with the pine tree trade-mark. Now, every bit of lumber in that good-looking stairway of yours is really backed up by these mills—for the builder made sure the trade-mark was on every piece he used."

It is important that the staircase, because of its prominence, be architecturally correct. But it is equally important that it be practical and usable in every way. Pondosa Pine is an ideal wood for such purposes. Because of its workability, it is especially adaptable for use in difficult angles and curves, in delicate moldings, turned balustrades and newel posts, and in fitting treads, risers, and balusters.

And Pondosa Pine stays put without shrinking or swelling. It nails down tight, eliminating squeaks. This good wood enamels well, holding a fresh, beautiful surface. It can be stained and varnished, of course. Pondosa Pine is widely distributed; you may buy wide widths, or clear pieces for wall paneling so often used in staircases, at reliable lumber yards throughout the country. Such yards carry well-assorted stocks ready for quick delivery. And you can be absolutely assured of receiving genuine Pondosa Pine if you will look for the pine tree trade-mark. Western Pine Manufacturers Association, Portland, Oregon.

A friend for your garden

Start out with a love of flowers... a few seed catalogues... and House & Garden's Second Book of Gardens... and watch the borders bloom! Keep the Book of Gardens on your gardening table, and the very smallest sweet pea seed can't go wrong with such a friendly hand to guide it.

There's a world of poetry in the Book of Gardens and a world of practicality. It covers every subject in gardening from the first turning in of the loam and thinning of the seedlings to the final storing of the dahlia tubers.

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H. & G. 5-20
THE ENGLISH BULLTERRIER
Robert S. Lemmon

WHENEVER anybody mentions the Bullterrier my thoughts go back to a certain "white un" which, years ago, used to leave his home three blocks away promptly at six o'clock every evening, climb five flights of stairs to my apartment and, after a polite call which included the consumption of a half-dozen crackers and a modest drink of water, would return to his own fireside with the greatest aplomb I have ever seen in a dog. Why he made such a ceremony of his visits—or, indeed, why he ever came at all, except that he had struck up a casual friendship with me on the street—was never explained. Perhaps it was merely because he was that kind of a dog!

The reason for dragging such a personal story into space intended for practical interpretation of the various dog breeds is simply this: it illustrates a prominent characteristic of true Bullterrier nature. For this pure white, satiny, supremely capable fellow with the heart of a courageous gentleman and the figure of a Greek athlete is always thinking of things and doing them with the utmost coolness and neat dispatch. His brain is as efficient and self-controlled as his body.

It is not easy to describe the Bullterrier adequately, especially in a limited number of words. To say that he is loyal, brave, strong and deeply devoted to his master and owner) seems too frequent a description of true Bullterrier nature. For this pure white, satiny, supremely capable fellow with the heart of a courageous gentleman and the figure of a Greek athlete is always thinking of things and doing them with the utmost coolness and neat dispatch. His brain is as efficient and self-controlled as his body. It is not easy to describe the Bullterrier adequately, especially in a limited number of words. To say that he is loyal, brave, strong and deeply devoted to his master and owner.)
all his master’s possessions is to account for only a few of his more obvious qualities. Such a summary no more than suggests those subtle traits which make his admirers so intense in their enthusiasm for him. For myself, I have always half regretted that one of his breed did not come into my personal life until after I had sworn allegiance to another member of the Terrier group, for I fully believe that if he had I would have become a rabid Bullterrier man for life!

You can count on this slick, cool-headed rascal. He simply doesn’t know the meaning of underhandedness or deceit; he is steadfast to the last degree. As a gentle, patient playmate for children he is just about the final word. If you are looking for a super-watchdog as well as an all-around member of the family, here is a worthy applicant for the job. In his dim, unregenerate past he was a professional fighting dog; today he has come up out of those ranks like a canine Tunney and is a highly respected gentleman.

There is little about the Bullterrier which suggests relationship with the kind of dog we generally expect the Terriers to be. His disposition and movements are free of the nervous tension which characterizes the Wire Foxterrier, for example. Poise of body and mind is the impression he makes the moment you see him. The most unthinkable thing he could do would be to become scatter-brained.

To develop the best that is in a Bullterrier, make a real companion of him. Take him literally and figuratively into the family life and treat him like a human being. Justice, common-sense, consideration and real companionship will bring out and develop its own finest qualities. In fact, these are the Big Four principles which are the basis of every perfect dog-and-human partnership, no matter what the particular breed involved may be.
IRISH SETTERS

One of Ireland’s truest breeds, a classic canine of grace and beauty. A charming companion with a mild, affectionate nature which endears him to young and old. An example of character and nobility for a child.

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That win your heart

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For strength, rigidity, cleanliness, permanence, build all-steel dog runs. For economy build of Crown materials. Post and top rail sections 2-inch angle iron, aluminum finish, punched for netting and holes. Crown special 2x4 inch mesh, 11-gage, dog fencing at dealer prices. Crown dog runs are easy to build. Simply drive post sections in ground, bolt on top rail. No fittings required. Costs much less than tubular steel construction.

Send for booklet giving complete description and prices. Mailed free.

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In the Hollow of His Hands

Time—That Tough Old Tester—takes into the hollow of his hands the materials that go into the house you have visioned and planned, and begins his work of destruction even before the structure is completed.

Nor do the attacks of Time, and of all his destructive forces, ever let up for a moment until that house has crumbled into ruins, or is torn down to make way for a new.

But if you wish to have the house you plan withstand the attacks of Time to the utmost, if freedom from pipe repairs is desired as long as the house lasts, then specify Reading 5-Point Pipe throughout.

For Reading 5-Point Pipe is made of Genuine Puddled Wrought Iron that has stood the tests of Time—That Tough Old Tester—as has no other pipe material. And the tests of Time are the only conclusive tests of the length of life of pipe materials that man has ever found.

READING IRON COMPANY, Reading, Pennsylvania
RIVAL THESE LOVELY PIECES
though you’ve never painted a stroke!

HERE’S A PAINT
THAT CAN’T GO WRONG!

5” THAT ROOM that you haven’t dared to do.
Even if you’ve never painted in all your
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done-in-a-fine-shop look, on every piece you try!

Smaller pieces . . . bigger pieces . . . soon your
whole color scheme will come true before your eyes!
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to make your heart swell with pride!

How can a mere beginner achieve such effects?
By using ARTLAC. A new paint . . . an entirely dif­ferent sort of paint. A paint so easy to use, it’s merely
a matter of picking up your brush and beginning!
No trick “technique” is needed . . . just stroke it on . . . ARTLAC levels out brush-marks, joinings,
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No need to hurry. ARTLAC won’t dry before
you’ve had time to go back and join up strokes.
And “correcting” is easy. Touch up places you’ve
skipped . . . and watch ARTLAC smooth itself out
into a lovely smoothness. ARTLAC dries between
meals. Quick . . . but not too quick.

A paint that saves you hours
You needn’t bother to scrape old pieces down to the
wood. Think of the time and energy you save! All
ARTLAC needs is a smooth, clean surface. Though,
with many paints, it’s risky to paint over old
paint or varnish, with ARTLAC you’ll never have
any trouble . . . it won’t seep under old surfaces
and “lift” them . . . making them buckle and
bulge. You’ll have no trouble with ARTLAC . . . it’s
a joy to know that ARTLAC can’t go wrong. On it goes
. . . over old surfaces or unpainted wood (the new
unpainted pieces are lovely, aren’t they?) . . .
just wonderfully, satiny smooth!

Best of all, here are your colors . . .
Colors you’ll find in no other paint!

Singing colors! Fresh, clear in tone! Greens . . . blues . . . yellows . . . pinks that leave the
old-time pinks far behind! Chartreuse . . . that
staccato yellow-green that has just come into
decorating! The reds that remind you of the fine
old secretaries and serving trays that sell for a
fortune in the exclusive shops. Tones sophisti­cated,
subtle, different! Ask your dealer for the
ARTLAC color card . . . and find . . . your own pet
colors . . . to be had for the first time, in ready-mixed
paint! Here’s why:
If you’ve ever bought artists’ paints, you know
that the clearest, purest hues are rare . . . bought
in smaller tubes . . . decidedly more expensive. Such
pigments rarely get into a ready-mixed paint.
Yet ARTLAC, created by the largest maker of
artists’ paints in America, is a blending of some
of the loveliest, rarest of such pigments. From over
400 exquisite colors, its 30 smart tones come!

ARTLAC’S ADVANTAGES
DRIES BETWEEN MEALS . . . hard, glossy, smooth! NO
WAITING TO PAINT DIFFERENT SIDES (ARTLAC goes
on vertically just as easily as it does horizontally . . .
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30 SMART COLORS . . . COVERS EASILY . . . WATER PROOF . . . fine for porch furniture. GOES A
LONG WAY . . . WEARS AND WEARS AND WEARS . . .
IN 4 SIZES . . . 2, 4, 8, and 16-oz. sizes.

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NEITHER LION NOR LAMB WILL ALTER THE UNIFORM HEAT from the fire that burns uphill

“March comes in like a lion, goes out like a lamb”—and the old proverb applies to every March day. The biting wind that starts a day with overcoats may be a balmy breeze by noon, inviting the indiscreet to take off wraps and take on pneumonia.

It is changing temperature that makes March so deadly—but in the home that’s Spencer heated, outside weather can change its mind as often as it likes. A fundamental difference in boiler construction gives the Spencer its ability to provide, automatically, heat of unusual uniformity at less expense.

Instead of flat grates that must be fed frequently by hand, the Spencer has Gable-Grates that slope down from a magazine where fuel is stored. The natural way for fire to burn is up—and in the Spencer fire does burn up-hill. The natural way for things to fall is down—and fuel rolls down from the Spencer magazine to feed the fire below.

This fuel feed is truly automatic, for gravitation needs no motors or machines to make things roll down hill. It gives unusual uniformity of temperature, for fuel flows only as fast as the fire burns. As changing temperatures require more fire or less, the fuel feed is automatically controlled by the fire’s demands.

The Spencer adds economy to convenience because its magazine and Gable-Grate permit the efficient use of small size fuels. These fuels are low in cost because ordinary heaters are not designed to burn them satisfactorily. The Spencer burns No. 1 Buckwheat anthracite at half the cost of larger sizes.

Where anthracite is not available, small size by-product coke, in a Spencer Heater, will give a more uniform heat, at a cost no greater than soft coal—and generally less.

Write for the Spencer book, “The Fire That Burns Up-hill.” It describes in detail how the Spencer Heater, for steam, vapor or hot-water systems, can save as much as half your annual fuel bill. SPENCER HEATER COMPANY, WILLIAMSPORT, PA. Division of Lycoming Manufacturing Company.

Everybody knows that ordinary heaters require refueling frequently as the fire burns to ash. With a Spencer, fuel is put only once a day into the magazine—illustrated below at (A). Fuel covers the grate to a sloping level controlled by the magazine mouth (B). The fire bed stays at the level shown at (C), for as fuel burns it shrinks to ash (D) and settles on the Gable-Grate (E). As the fire bed shrinks more fuel feeds down automatically from the magazine, which holds enough fuel to feed the fire for as long as 24 hours, with only one shaking of the grates.
YOUR SUMMER HOME IS READY—
ALL IT NEEDS IS PUTTING UP

WE MEAN, LITERALLY, THAT IF TODAY YOU HAVE THE SITE FOR A SUMMER HOME, YOU NEED ONLY TO CHOOSE YOUR HODGSON FLOOR-PLAN—AND IN A FEW DAYS YOU'RE READY TO MOVE IN

THE PHOTOGRAPH BELOW shows one of the Hodgson Houses now in use. We built it in sections, shipped it all ready to erect. There it stands, and will stand through the years—staunch, watertight, comfortable, wearing its individual charm with the simple dignity of a dwelling in good taste—in harmony with its background.

We build Hodgson Houses of the finest materials. Selected weatherproof cedar and Douglas fir are used in construction. Walls, floors and roof are insulated with Celotex. The sections fit tightly together, held rigid by heavy key bolts. Your house will last for years without repairs, and you can enlarge it quickly at any time without spoiling the plan.

If you've postponed building a vacation home because you dread the confusion, delay and unexpected expenses of building, choose a Hodgson House. You can have it erected with a little local help—or, if you prefer, we will send a Hodgson construction foreman to supervise the whole job.

Send today for our free illustrated book G. It shows a great variety of plan and arrangement, gives photographs and prices. Write to E. F. Hodgson Co., 1108 Commonwealth Ave., Boston, Mass., or 6 East 39th Street, New York City. Florida branch at Bradenton.

HODGSON Houses
If the property you want to sell, or lease, is the kind of property that would appeal to the discriminating taste of the readers of House & Garden, then obviously, the place to advertise it is in these pages, where it will meet the eyes of thousands of prospective who will appreciate its fineness. Advertising rates will be furnished you, or your agent, promptly upon application to House & Garden, 330 Graybar Bldg., Lexington at 43rd, New York City.

**Cotswold Like a Bit of Old England at Scarsdale**

*Offered at an Exceptionally Attractive Price*

**ENGLISH Hall with midway in Oak and beamed ceiling, two stories high, living room has bay window, broad stone fireplace, built-in bookcases, and proportioned sitting room, tiled kitchen, butter pantry, lavatory in colored tiles, four family bedrooms, two colored tile baths, Master’s suite has staff shower, dressing room, and cedar-lined clothes room. Two maid’s rooms with tiled bath. Bil¬
rroom with fireplace in basement, also 2-car attached garage. Materials and workmanship of the best.***

30 East Parkway, Scarsdale, N. Y.

**BACK OF RYE BEAUTIFUL COLONIAL FARM HOUSE**

Manor room with stone fireplace in basement, eight bedrooms, six baths, kitchen, 11 acres of land, many land can be subdivided. Price asked $125,000. This place must be seen to be appreciated. For further information apply to Blakeman Quintard, Meyer, W. R. C., Sargent St., Rye, N. Y. Tel. Rye 521 and 524.

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To the Executives of the United States

who either have their offices in New York City or intend making in this their headquarters in the near future. Chelsea Park offers
attractive estates, Munsey Park has

the choicest part of an old estate, Munsey Park has

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BAR HARBOR
"Do you mean I'll SAVE money by putting in brass pipe?"

Certainly, you'll save...just as you save by putting in copper leaders and gutters, and bronze screens. Those things are exposed to the weather. You know it's real economy in the long run to have them made from rust-proof metal.

You practice the same wise spending when you put in Chase Alpha Brass Pipe. Pipe has water running through it all the time. And water means rust sooner or later—unless the pipe is rust-proof.

Chase Alpha Brass Pipe cannot rust...will never rust as long as your house stands. It saves its cost many times over in actual cash by preventing the repair bills that rustable pipe is bound to produce sooner or later.

Then there's the saving on damaged laundry...hard to estimate in dollars and cents—but fine linen and lingerie are expensive. And how quickly rusty water ruins them!

And that tremendous saving of personal discomfort! Do you like to wait twenty minutes for a bath to run? Or see the flow drop down to a thin trickle when a faucet's opened downstairs? Or wash in "brown" water? Chase Alpha Brass Pipe makes these annoyances impossible.

Does Chase Alpha Brass Pipe cost more than ordinary rustable pipe? Not so much as you might imagine...only about ¼ of a cent more on every building dollar. For example: approximately $75.00 more for a $10,000 home.

Ask your plumbing contractor about Chase Alpha Brass Pipe. He will tell you that it cuts clean, sharp threads that make leak-proof joints.

Chase Alpha Brass Pipe is available everywhere—through your own plumber. Be sure it's specified for your new home. You can't mistake it, for the name and Chase-mark are stamped every twelve inches on every length.

FOR REPLACING rusted pipe in your present home, Chase Copper Water Tubing and Chase Copper Water Tube Fittings.

CHASE Alpha BRASS PIPE

A PRODUCT OF CHASE BRASS & COPPER CO.—Incorporated—Waterbury, Conn.

Chase Leaders and Gutters—Chase Bronze Screen Cloth—Chase Plumbing Supplies—Chase Copper and Brass in Sheets, Tubes and Rods for every industrial use
"AMAZING" simply isn't too thrilling a word for a clock that—without winding, worry or attention—brings accurate Hamilton Watch time to your home.

Kept constantly wound by electricity a Hamilton-Sangamo ticks away faithfully—accurately—as the watch that times the country's fastest limiteds.

Let house fuses blow. No harm done. Let a storm interfere with your house current—the hands of Hamilton-Sangamo won't lag or frisk ahead. They are driven by a magnificent clockwork which is electrically wound to perfect tension for hours ahead—using the tiniest fraction of current only when it needs it.

Hamilton-Sangamo will run for hours even with the current entirely off!

No other clock has Hamilton's wealth of experience and craftsmanship in building railroad-accurate timepieces. No other can bring Hamilton railroad-accurate time to your home.

You don't ever have to look at it to see if it is fast or slow. You look at it to see just what—exactly—time it is.

It seems a shame, in one way, to talk so mechanically about such beautiful objects. Won't you stop at a good jeweler's some day this week and see the exquisite cases that frame them? Or when you're next in New York City, drop into our showroom in the Chainin Building on East 42nd Street. Meanwhile let us send you "Telling Time." Your name and address on the margin of this page brings this colorful booklet with its portraits of 45 Hamilton-Sangamo models. Address Hamilton-Sangamo Corporation, 105 Race Ave., Lancaster, Pa., or our Canadian Distributors, Sangamo Electric Company of Canada, Ltd., Toronto.

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The electrically wound CLOCK of Railroad Accuracy
YOUR SUN ROOM DRAPERIES, MADE OF THESE GUARANTEED FAST-COLOR FABRICS, WILL NEVER LOSE THEIR BRIGHT, FRESH CHARM

THE SUN ROOM, delightful as it is, is practical only if the gorgeous tones of its draperies are enduring. Hangings must filter the sun for months and years without losing a tinge of their original beauty. And even that isn’t enough. They must be not only sunfast, but tubfast as well. When summer dust blows in, curtains that cannot be washed become a menace to health. Formerly, hangings were removed during the warmer months. That is no longer necessary, for modern sun rooms are hung with Orinoka fabrics—guaranteed fadeless. Use your draperies for months and then compare them with a scrap that has never been exposed to light. Not a tone will have faded. The Orinoka colors will withstand this test, for Orinoka threads are hand-dyed by a special process that makes them colorfast. Insist on Orinoka when you shop for curtain material. The Orinoka Mills, 183 Madison Ave., New York City.

Orinoka Colorfast Draperies are Guaranteed Sun and Tubfast

Back of every yard of Orinoka Sunfast fabrics you buy stand the Orinoka Mills with this assurance: “These goods are guaranteed absolutely fadeless. If the color changes from exposure to the sunlight or from washing, the merchant is hereby authorized to replace them with new goods or refund the purchase price.” Look for the guarantee tag on every bolt.

Orinoka DRAPERIES . . . COLORS GUARANTEED SUN AND TUBFAST

Send 20 CENTS FOR A FULL-COLOR BOOKLET OF NEW INTERIORS

The sun room illustrated is taken from the 1930 Orinoka booklet, “Draperies and Color Harmony.” Ranges for every type are shown in full color, together with the appropriate fabrics for hangings and accessories. “The most perfect and beautiful booklet I have encountered . . . the color schemes are exquisitefresh,” says a leading authority on exterior decoration. If you would like a copy, fill out the coupon below. The cost of the book is 20 cents.
THE performance of the new 1930 Nash "400's" is so obviously superior you will know it instantly. Notice the powerful smoothness of "400" acceleration. The new 9-bearing, Twin-Ignition Eight motor and 7-bearing, Twin-Ignition Six and Single Six motors all provide a new and superior type of power for the modern motor car. Notice also the wealth of other new "400" features—centralized chassis lubrication, for convenience and a long-lived chassis; built-in, automatic radiator shutters, for increased motor efficiency in all weathers; flexible steel spring covers with sealed-in, lifetime lubrication, for quiet, easy spring action; self-energizing 4-wheel brakes, for easier, more positive braking control; improved steering design, and Duplate non-shatterable plate glass in all windows, doors and windshields of all Twin-Ignition Eight models, for safety. Don't think of deciding on your new car until you sit at the wheel of a 1930 Nash "400".
Rust in the water pipe?

Then watch out for these troubles!

Any home owner who has had experience with rust will tell you how these troubles pile up—year by year.

For rusted water pipe is always a cause of annoyance and often the cause of serious damage and expense. The first sign usually is a discoloration of the water. It's a reminder—an unpleasant one—that says "Rust" whenever you open a faucet. Children dislike drinking such water.

As rust progresses, it forms a deposit which clogs the pipe. This reduces the flow of water to an exasperating trickle. Finally you get to the "one or the other" stage; when there's dish washing in the kitchen downstairs you can't take a shower upstairs. Even the laundress complains that she can't wash clothes clean with "dirty" water.

As rust eats its way further leaks may occur—no one knows where nor when. A spotted wall, a ruined tapestry, a flooded cellar may be the damage.

How can you get rid of rust? There's one sure way: Use pipe that can't rust—Anaconda Brass Pipe. Its first cost is slightly higher than pipe that rusts, but it pays for itself many times over by eliminating rust repairs and replacement. You can recognize Anaconda Brass Pipe by the name "Anaconda" stamped in each foot of its length.

The use of Anaconda Brass Pipe has become a definite means of identifying a truly well-built house. It is installed and recommended by leading plumbing contractors.

A close-up picture of what actually happens when rustable pipe is used in the plumbing system. Notice the rust on the outside. Inside the pipe is so badly clogged with rust that replacement is necessary. Anaconda Brass Pipe eliminates this expense because it cannot rust.

Your laundress knows how damaging rust spots are to clothes. Rusted water pipes make it almost impossible to avoid rust spots. Many housewives protect their laundry, and their children's drinking water by insisting that Anaconda Brass Pipe be installed in their homes.

Rust in the water pipe!—You can't get water except in a trickle... To assure a full flow, use Anaconda Brass Pipe... It cannot rust.

Anaconda products reach the consumer after the most careful supervision from mine to finished product. A single organization of more than a hundred years' experience is responsible for every step... an assurance of quality.

Send 25c for this valuable book: "The Home Owner's Fact Book," by Roger B. Whitman, not only tells you how to rust-proof your house, but deals with important facts concerning planning, financing and maintenance cost. Address The American Brass Company, General Offices, Waterbury, Conn.

Anaconda Brass Pipe
BUILD!

a home is an investment

... that brings no regrets

Solid as the very foundation upon which it rests, a home of your own is the wisest investment you can make. It cannot be swept away at a turn of the market, its value is constant. A Creo-Dipt home like the one on this page pays real dividends—in money as well as happiness.

In spite of their rare beauty, Creo-Dipts cost no more than ordinary materials. Laid right over the old siding on your present home, or used for roof and side-walls on your new home, they save their cost in fuel and upkeep in 5 to 7 years.

The picture here shows only one of many color possibilities. Your architect, builder or lumber dealer will gladly tell you all about others, or use the coupon now to send for a portfolio of large-size photographs and an interesting color chart.

One caution: when you buy insist upon Genuine Creo-Dipts. All Creo-Dipts are Selected Cedar Shingles, stained under pressure by a patented Creo-Dipt process which forces preserving oils and 35% more color deeper into the wood. Genuine Creo-Dipt products are sold everywhere by leading lumber dealers.

CREO-DIPT RESIDENCE OF MR. GUY WHITE, NORTH TONAWANDA, N. Y.  ARCHITECT, CHARLES H. UMBRECHT, SYRACUSE, N. Y.
It won the North Country! ... this amazing "WOOL" from WOOD

Now it is available everywhere.... true house insulation, a full inch thick and FLEXIBLE

Up where winters are long and rigorous... where "40 below" is not uncommon...

Builders have turned overwhelmingly to one certain type of house insulation.

It is thick and flexible. It looks like sheep's wool and practically equals it in actual warmth.

'Balsam-Wool, through eight North Country winters, has proved a point that authorities have always stressed.

*This important fact about true house insulation*

To make a house really heat-tight, insulation must tuck into cracks, crevices and corners... fit snugly between framing members... around doors and windows.

Because it is thick and flexible, Balsam-Wool meets these essential requirements perfectly.

It comes in thick, fleecy strips, held firmly between strong, tough liners. It blankets your house completely against cold and drafts... assures you a really heat-tight house, always comfortable, readily salable.

In Balsam-Wool alone you get the great triple efficiency of: 1. flexibility 2. full inch thickness
3. the highest insulating value ever attained in practical house insulation.

It saves you money every winter

True insulation, with Balsam-Wool, is one of the few things you can build into your house that will actually save you money year after year.

The first cost of Balsam-Wool is small—only 1½ per cent, on the average of the house cost.

You save the major part of this at once. A smaller heating plant is required in a Balsam-Wool house—a smaller, less expensive boiler, fewer or smaller radiators.

You save every winter on fuel bills—from 25 to 40 per cent. Balsam-Wool, far from being an added expense, actually pays you dividends in fuel savings year after year.

In old homes, too, Balsam-Wool, used as attic insulation, cuts fuel costs, provides new year around comfort at slight cost.

Let us send you the complete facts about insulation and a sample of Balsam-Wool. Just mail the coupon at the right.

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WOOD CONVERSION COMPANY
Cloquet, Minnesota
Also Makers of Nu-Wool—the All Wood Insulating Wall Board and Lath
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Like sheep's wool! Note the new creped Kraft liners, tough, heavy, flexible; they are water-proof, wind-proof and practically puncture-proof. Balsam-Wool itself is fire-resistant, vermin-proof—and permanent

It tucks in!

Not a crack or a crevice to let in cold or wind when your house is insulated with thick, flexible Balsam-Wool. In houses already built, Balsam-Wool is applied to attic floor or roof

Wood Conversion Company
Dept. D-2, Cloquet, Minn.
Please send me sample of Balsam-Wool and Free Booklet. I am interested in insulation for

☐ A new house  ☐ Attic of present house

Name: __________________________
Address: _______________________
Today, as always, what Chrysler does—or proposes to do—becomes the basic standard of efficiency in the realm of automobiles.

NEW CHRYSLER "77" TOWN SEDAN, $1795 (Special Equipment Extra)

CHRYSLER INSPIRES a pride all its own

Ownership of a Chrysler brings with it a deep-rooted satisfaction which springs from the firm conviction that, regardless of price, Chrysler is a car that knows no peer.

In all that Chrysler is... in all that Chrysler does... in pedigree and in prestige... Chrysler offers something more.

Up to six years ago, thousands of motorists could be satisfied only with highest-priced American-made cars or expensive importations.

Today they are driving Chryslers, for they have been able to find more complete fulfillment of their motoring ideals in a Chrysler than in any other automobile.

At the same time, because of surprisingly low prices, Chrysler has enabled thousands upon thousands to enjoy this fine motoring. Comparisons of cars today invariably take Chrysler as their basis. A car either is or is not an approach to Chrysler in performance and style.

Yes—Chrysler has set the pace... and easily maintained it... year in and year out.

And because of the knowledge that in a Chrysler one has the best that motoring affords, Chrysler ownership imparts a certain thrilling pride, the like of which cannot be claimed so universally by any other motor car.
March, 1930

March 1930

COVER DESIGN BY PIERRE BRUSSAUD
THE BULLETIN BOARD
THE TALE OF AN IDEAL ROCK GARDEN
COUNTRY CONVERSATIONS
A COOL CLOISTER FOR SUMMER DAYS
THE FOUNDATION FOR FEVER ROSES
THE CAMELLIA—ROSE OF JAPAN
A BACKYARD GARDEN SECLUDED IN PARIS
PERENNIALS FOR SHADY PLACES
DECORATIVE WALL SURFACES
A LITTLE PORTFOLIO OF ENGLISH ROOMS
EIGHTEENTH CENTURY FURNISHINGS
FOLIAGE PATTERNS AND WHITE WALLS
GROUNDS AND GARDENS FOR THE MODERN HOUSE
MODERNIZE YOUR HOUSE
A VERSION OF THE EARLY AMERICAN FARMHOUSE
PRINCIPLES IN STAGING A FLOWER SHOW
STRAGGLING ARMIES OF THE DAFFODILS
HOUSE & GARDEN'S GARDENING GUIDE
CALIFORNIA GUEST HOUSE
NORMANDY TRANSPLANTED IN PENNSYLVANIA
PLACES WHERE YOU CAN BREAKFAST IN THE SUN
AN 18TH CENTURY CAFE COB COTTAGE
HOW TO MAKE SHADRES
GAMES TO PLAY IN GARDENS
SPORTS FOR INDOOR HOURS
THE GARDENER'S CALENDAR FOR MARCH

THE coming of Spring is no
swift, strong rush that sweeps all
before it. Rather is it like the tenta­
tive thrust and parry of two skilled
diplomats beginning an im­
portant negotiation. Watching, one thinks
of a tinkle of water wearing imperceptibly
into rough stone, so gradual is that gentle attack upon
Winter's bitterness.

Thus it is in the beginning, but
as time passes there comes greater
energy in the subtle advance.
Warmed by sun and breeze, Spring
draws a deeper breath. With May,
she steps forth boldly.
All that Whitman's have learned in eighty-eight years about making good chocolates is summed up in this box of Prestige Chocolates.

The pieces are small, shaped with care, beautiful as well as tasteful.

Centers are new confections, covered with three kinds of those distinctive Whitman's chocolate coatings, vanilla, milk and semi-sweet.

The metal box containing the Prestige pieces is a step forward in the combination of art and utility.

Sold everywhere by the selected stores — usually drug stores — that sell the Sampler and other Whitman's candies.

Whitman's
PRESTIGE CHOCOLATES
in one, two & three pound — $2 the pound
Moses and the Pseudacorus. We are not sure whether the credit should go to Moses or to the mother of Moses or to Pharaoh’s daughter, but it might be well, when the directors of some flower group such as the American Iris Society are solemnly casting about for notables to add to their list of honorary members, to consider these three. The young gentleman’s cradle was obviously made of plain Bull Rushes, Juncus Communis, and then his mother “said it in the flags by the river’s brink,” none other, surely, than Iris pseudacorus. And there, among these water-loving Iris, so the story goes and the young lady herself stated, Pharaoh’s daughter discovered Moses. But should this young Egyptian damsel have the honors? She went to the river not to admire and pick the flowers, but to bathe. No, the credit should go to the mother, this daughter of Levi, who chose a clump of Iris pseudacorus for what has been handed down to us through the centuries as the first Foundling Home.

A Book on Cabins. At this season of the year the urge to do something about a place in the woods impels so many of our readers to ask for a book on the subject that we take this opportunity to suggest The Real Log Cabin, a splendid volume by Chilson D. Aldrich. Those who contemplate remodeling an old house should read Redeeming Old Homes of which Amelia Leavitt Hill was author.

Scholars en Route. Speaking of books, we may be permitted to mention that House & Garden’s Book of Color Schemes, which is enjoying a phenomenal sale, contains seven pages in color by Consuelo de Yoanna, who was the first student to win the House & Garden Scholarship in the New York School of Fine and Applied Art, a scholarship which affords a course of study abroad. The present holder of that scholarship is Robert Schroyer, who, in addition to being an excellent student, found time to work his way through school.

Two or our of scholars en route are at the present time traveling over America studying landscape and architecture. They are Sanford C. Hill and B. A. Strachau, who recently have won the Condé Nast American Fellowship at the Foundation for Architecture and Landscape Architecture at Lake Forest, Illinois.

To a Tree in Spring

What a Still Flame you are!

Like most things great and rare

Deep-rooted in the earth;

So, rooted with starry air!

The world should learn from you

That trust in earth is sound

And hopes that leaf on high

Must first in earth be found.

Harry Kemp

Designs for Small Houses. So abundant and easily acquired are good designs for small houses that one wonders why so many poor ones are built. Either people who want the ultimate minimum of house are not aware of these plans being available or else they do not know a good design when they see one. Good design starts with a plan, not with an exterior style. Any well-trained architect, given the desirable plan, can usually make it fit any type of architecture. Most laymen, however, first visualize themselves as living in a certain style of house—and the rooms are made to fit that style. Or else, having fallen into the hands of a jerry-builder or an idea-less real estate operator, they are led to believe that exterior gawgaws comprise attractive architecture.

These scattered thoughts came to us recently when we received from the Kansas State Agricultural College at Manhattan, Kansas, its Bulletin No. 2 containing designs for Kansas farm homes. Rarely have we encountered so many good plans and so much sane and commendable architecture in so small a space.

What Grant Thoburn Spared Us. In his diary Grant Thoburn, America’s first secedeman, states that he started his business in New York in 1799 with “three pots of Geraniums, a monthly Rose and $15 worth of seed" and, so this account continues, “the seeds grew till they filled the whole continent, the Rose blossomed until it spread into a tree.” Had Mr. Thoburn begun his horticultural career with three rhizomes of Iris, we dread to think what would have become of the continent, so fast does Iris multiply. This, by the way, should serve as a warning to those who fret over the market new seedlings that are questionable improvements on standard varieties. And this is certainly applicable not only to Iris, but to Delphiniums, Roses and many other flowers as well.

Grace Before Meat. Despite the people who claim they are too intelligent to believe in such things, there are still countless families where Grace is said before meals. We found one the other day where the small children could recite Grace in a dozen different languages.

The guest named his language and the children supplied the prayer in that tongue. Someday we may go back there and teach those boys Robert Herrick’s poem—

Lord, I confess, too, when I dine,

The Pulse is Thine

Did all those other bits that he

There placed by Thee—

And all those other bits that be

The Worts, the Parselain and the moss

Of Water Cross.

In the old times Parselain—the common garden weed—was relished as a salad. It was also pickled and made into soup. As we view it today, a much better deserved place for it would be the garden incubator!
IT is difficult to believe when looking at these photographs of Mrs. Francis L. Wurzburg's rock garden in Westchester Co., N. Y., that they were made just one year exactly from the time the garden was planted. But such is the fact. A year ago this hillside lay gaunt and unadorned, its great rocky shoulders protruding starkly, its ledges bare, its heights bleak. Today it is graciously clothed with luxuriant foliage and lovely flowers. To one who saw it then and who looks upon it now the metamorphosis seems akin to the miraculous. But thereby hangs a tale.

The story of almost every garden is worth telling and worth listening to; then— is in it always so much of what we call human interest. And the story of this garden is no exception in this respect. It is the story of a vision clearly glimpsed and made to come true.

Five or six years ago Mrs. Wurzburg marked this hillside at one end of her place as a promising site whereon to make a rock garden. It might not so have revealed itself to a less discerning eye, for at that time no rocks were visible and it was covered with coarse grass, cattail, weeds of all sorts, sumac—Nature's roughage—in the place of which it was difficult to visualize the small and fastidious high-brows of alpine heights. But the vision was held to tenaciously and step by step was brought to the present wholly lovely and satisfying reality. From time to time, whenever opportunity offered, a little work was done in this out-of-the-way corner. First the coarse grass and weeds were vanquished, then the clinging roots of the wild bushes were disengaged, and finally the earth was turned back, revealing the real beauty of the anatomy of the hillside—the soft pinkish-buff stone, finely fissured and stratified—and left to weather for a season or two.

As it lay bare in the searching light this hillside was subjected to a good deal of considering scrutiny and gradually its great possibilities became clear. Here, ready made, was the foundation of a fine rock garden, but it needed augmenting, curbing, softening, extending, as the case might be, and so with rare taste and skill the work of perfecting the contours of this rocky slope was begun so that it might appear a fine bit of rugged natural scenery before a single ameliorating bit of foliage was put in place. And this, it seems to me, must be the basis of all satisfactory rock garden building. There should be, as Reginald Farrer has taught us,
"deliberate beauty about the building itself, quite apart from the plants. When the compilation is finished it ought to look established, harmonious, and of a piece, long before a single tuft has been put in." And it was so in the case of this rock garden; one viewed its naked contours with a distinct sense of pleasure and followed its tortuous paths with a mind racing toward its lovely possibilities. An effect of "linked and unforced naturalness" had been achieved, a harmonious balance and noble proportion between all its parts. The rest was comparatively easy.

But this was not all the story. While the molding of the garden's physiognomy was being so skillfully carried out other work of importance was going forward. Professor Bailey has somewhere said, "To grow such plants (alpines) successfully requires good intellectual preparation, and this should be one of the recommendations of rock gardening." Such intellectual preparation implies a thorough knowledge of alpine and rock plants, understanding of their real needs, their caprices and peculiarities, where to procure them and how, as well as a complete grasp of the possibilities and advantages of your garden in relation to the plants you wish to house there. By the time the structure of Mrs. Wurzburg's garden was completed she was ready to go ahead with no uncertain hand. Huge mounds of home-brewed humus mixed with old manure and some fine grit lay ready to be hauled in and bedded down in the gorges, crevices and hollows, wherever it was needed. Piles of rotted oak leaves and pine needles for the acid lovers, stores of sharp sand, genial loam and limestone chips—all were ready at hand so that the special diet of any plant could be supplied without delay.

And then there were the plants themselves. Literally thousands of them. And
not the fragile attenuated specimens, such as are too often received from nurseries, too young to leave their cradles and in a suffering condition because of a railroad journey in an airless box, but such great and gratifying wads and mats and clumps of hearty green brawn and sinew as would utterly delight the heart of any rock gardener. All of them had been raised from seed in flats and frames under the eye and with the fostering care of Mrs. Wurzburg herself, and later transplanted by this extremely able and indefatigable gardener to a well-drained situation at one end of the vegetable garden where the soil was rich but very light in texture. And here they grew, rows upon rows of them, and waxed fine and healthy until they were needed. Not a weakling among them!

In that perennially delightful little book of Mrs. Ewing's, Letters from a Little Garden, she says that "amateur gardener being interpreted means gardener for love," and this must certainly be true of all who essay to grow rock plants; for only love can beget the power to take the infinite pains required to guard and guide these small comers from the far corners of the earth. In Mrs. Wurzburg's garden evidence of this care is manifest on every side; not a thing has been neglected that would make for the health or happiness of her guests, and they abundantly reward her consideration.

When the time came to plant the rock garden it was a unique experience and an inestimable advantage to have such a vast and perfectly conditioned store of plants to draw from. As they were required, the plants were lifted with large balls of earth and reset in their permanent homes with hardly a leaf fluttered. Although it was June and many of them were in full bloom,
The rock garden on the place of Mr. and Mrs. F. L. Wurzburg at Bronxville, N. Y. occupies a wooded knoll at one end of the property. The soil was stripped down to the rock and the rock left to weather a year before a single plant was put in place. On this basis the garden was built. Many trees and shrubs were moved in but the majority of the plants were raised from seed. Not a plant or shrub was lost, hardly a flower so much as dipped its colors. Each evening after the sun had gone down the garden was carefully and thoroughly watered, and each morning it appeared as if it had been transported bodily from the Elysian fields—so fresh and pristine and unsoiled was its countenance. Huge shrubs, both deciduous and evergreen, were put in at this time with practically no loss.

But in spite of all this wealth of material, the furnishing of the rock garden has been carried out with admirable restraint. It is nowhere over-planted or crowded. Each plant has been given the situation that best answers to its physical needs and which displays it to the best advantage, and the beauty of the rocks themselves is allowed full play.

The paths that wander up and down dale and around about the hillside and its environs are well laid out and carefully constructed. Flat stones are sunk flush with the
March, 1930

which is of the same good loamy quality that is found elsewhere in the garden—and small creeping things cluster along the verges and run between the joints, tying the paths into the rest of the construction. Here we find _Mazus rugosus_ and the creeping Thymes made good use of, with _Veronica repens_ and the hot-scented _Mentha requieni_ where the path dips low and is apt to be dampish. Wherever an ascent occurs stone steps are built in and these are strongly and firmly constructed so that the wanderer need not fear a wrenched ankle.

Choose any of the paths that make off in various directions and it will lead you to certain delights. Take this one to the left and follow it up a rocky flight of steps, in the crevices of which many small treasures are happily settled, and you will presently find yourself descending a gentle slope through a shadowy bit of woods where

(Continued on page 130)
Country Conversations—Old

Small Talk For New Rusties

Among the delights that come to the city man who goes to live in the country is his encounter with rural conversation. It is as fresh and different from the talk of cities as country air is different from the murk that hangs over city rooftops and settles in the canyon of avenues. Growing from the soil, as ever much as trees on a mountainside, the argot of the countryman is a product of his own natural environment. And though the radio, the telephone, good roads and cheap automobiles may have tended to break down sectionalism and lessen the differences between families isolated by distance, still the rustic clings to his vocabulary. It is part and parcel of his tradition and make-up. Without it the countryside would be merely a suburb, merely a compromise between two civilizations, and the countryman a citizen of neither. If he be a genuine native, then he will speak the tongue of his section; and if the new-comer would share his confidence and conversation, he soon must learn to speak this patois.

"'set down and rest your face and hands", the country greeting goes. "lay off your things and have something to stay your stomach". Of course you protest, as you step onto the "piazza" that you just "dropped in to pass the time of day", but before you know it, you and the countryman will be thick in small talk.

He complains that he is only "fair to middlin' " and that his "rheumatiz plagues" him. The farmer whose rheumatism doesn't plague him once in a while is no farmer; his outdoor work in all weathers is conducive to stiffening "in the jints". Also he may be "all tuckered out" or "hungry enough to eat his size". After the meal he may be "happy as a clam", and if he is tending toward avoiduposis he'll confess that he's "considerable pussy".

Having settled these personal matters, you can go off on several varied angles of conversation—the weather, crops and stock, his family and the neighbors—especially the behavior of the neighbor's children. A child will be "th' spitin' image" of either parent; he may be "bold as brass" or "bright as a button" or a "spitfire" and "pert as Nathan"; or if the boy is a bit wild, "it will be the ruination of him" and eventually "he won't be worth a Hannah Cook".

If the neighbor's wife works hard, she'll be "drowed with work" and "worn to a frazzle"; indeed, the entire gamut of her griefs can be read in such comments as: "she ain't kept her looks" or "she's seen trouble" or, if fallen on evil ways, "she ain't no pattern to go by". If she pulls her hair straight back on her head she "looks like a peeled onion"; if she grows stout, she's "fleshin' up" and finally it may be said of her that "she's homlier than a stump fence".

Should the home be meagre, then the family is "as poor as poverty's hind foot". However, the mother may "murry off her daughters" or they remain "double and twisted old maids". An entire family's condemnation may be handed down in two phrases: "that breed's run out" and "their place's gone to rack and ruin".

These colloquial expressions differ radically from section to section. The New York farmer will say he feels "right pert" or "lively" while the rustic from another district is "fit as a fiddle". The Maine farmer will warn his wife to stop her "blabbing", whereas the upstate New Yorker will admonish "Stop yer canterin'". Yer blavin' too much". The Empire Stater will refer to a no-account fellow as "a dirty dish clout", but the New Englander will state, "I'll trade him off fer a taller dog" or say that he ought to have a "cow hidin'". Should he be conceited, he's "bigger than Billy Bedlam". The Yankee will speak of owning a "chist of drawers", while the New Yorker is content to shorten them to "drawes".

Mighty are the oaths these countrymen use. They swear "By Heck" and "By God All-Sufficient" and "By the holy smut", their anger flares up into a "Dad rot it!" All of them watered versions of more virile expletives. On the other hand, the naive, natural poetry of their conversation is fresh and undiluted. When the farmer harrows a field he "draws" it, and if he plows continuously around a first furrow he is "gathering". The helper, of course, is a "hired man" and in some sections if he is taken on for part-time small jobs he may be a "tasker" or "just chorin'". Meat will be "tougher an' b'iled owl" or if the fat and lean are nicely alternated, it is "marbled". A small boy will be freckled "as a turkey egg" and a man "darker than Egypt". If a neighbor is very ill at the end of the year his friends fear he won't "winter" or "won't climb May hill".

Where these country conversations come from is the delightful study of the etymologist. Some are directly derived from English ancestry, some from events of vivid importance, some from contact with strange people. To be hanged "higher 'an Haman", is Biblical of course. To speak of one being "dark as Egypt" is doubtless a descendant of an old English country phrase that referred to Gypsies who have wandered over the English countryside for centuries and were believed to be Egyptians, so swarthy were their complexions. Likewise referring to a small boy as "a little shaver" is merely a corruption of the Romany for small boy—chavo. But however they came and however much they have been corrupted in passing from generation to generation, they are as distinctive of their localities as the rock and trees and wild life. And it is this plunging into a fresh environment of language that gives the new countryman such unfeigned pleasure if he has a mind to enjoy it.

In the North the country gentleman would seem to look on such rustic conversation as merely a curiosity: a thing to listen to and smile at. Rarely do its solecisms insinuate themselves into his vocabulary. He appears to have a dread of going native. In the South the opposite is true; it's a poor Southerner who can't regale any visitor with strange people. To be hanged "higher 'an Haman", is Biblical of course. To speak of one being "dark as Egypt" is doubtless a descendant of an old English country phrase that referred to Gypsies who have wandered over the English countryside for centuries and were believed to be Egyptians, so swarthy were their complexions. Likewise referring to a small boy as "a little shaver" is merely a corruption of the Romany for small boy—chavo. But however they came and however much they have been corrupted in passing from generation to generation, they are as distinctive of their localities as the rock and trees and wild life. And it is this plunging into a fresh environment of language that gives the new countryman such unfeigned pleasure if he has a mind to enjoy it.

So, indeed, should it be to all who go there from cities. It is not
For many things we become attached to a house and not the least of them are those shadowy corners that afford cool harbors on lazy, stifling summer afternoons. Every house should have at least one. This home, the residence of Albert M. Swank, Johnstown, Pa., abounds with them, one of the quaintest being this narrow cloister. Frank J. Forster was the architect of the house.

A Cool Cloister For Summer Days
THERE are so many points about Rose culture which may be discussed and argued, pro and con, almost endlessly, that the beginner attempting to follow them is likely to pay too little attention to the more fundamental things. The construction of the Rose bed, the soil foundation, must be right or the Roses will be wrong, no matter how much care may afterwards be given to the finer details of culture.

The discussion which has been carried on for the past few years concerning the merits and demerits of fall planting is a good example of this loss of perspective, or failure to sense the relative importance of different factors in Rose culture. Fashions and fads have their sway in gardening as in other things, and swing from one extreme to the other. Roses in most localities may be planted successfully either in the fall or in the spring. In my own section (southernmost New Jersey) the conditions for fall planting are ideal, but I get equally good results from spring planting properly done. Of the several hundred Roses which I have set out during the past year, the percentage of loss in spring planting and fall planting has been about the same, and negligible in both instances.

While planting may be done either in the fall or in the spring, there are decided advantages in preparing the ground during the autumn, even though the plants will probably not be set out until the following March or April, or even May.

A great rosarian once made the statement that he would rather put "a fifteen-cent Rose in a fifty-cent hole than a fifty-cent Rose in a fifteen-cent hole." He wrote from long experience and keen observation, and had his feet set firmly on the ground. At least fifty percent of success with Roses depends upon what has been done before a plant is even touched!

I have already mentioned the fact that fads in gardening swing from one extreme to another. A few years ago it was the fashion for the Rose expert to experiment with the most elaborate and "scientific" methods of soil preparation; the fifty-cent hole was forgotten in the preparation of holes which must have cost nearer two-fifty, the soil being dug out several feet deep and replaced with several different kinds of fertilizers, in diagonal layers!

Needless to say those who attempted to grow Roses upon any such basis as this had more cash than common sense. But now the pendulum has swung to the opposite extreme, and one runs across statements to the effect that no special preparation of the soil is necessary for the growing of Roses, and nothing is needed beyond supplying them with a good garden soil well fertilized and thoroughly dug. These terms, of course, are somewhat elastic; but even so, it is disregarding the facts to claim that Roses will do their best in a soil which receives no further preparation than that which would be quite sufficient for perennials or even for shrubs. True, they may grow—but not as every Rose lover likes to have them grow.

To apply common sense to soil preparation, we should consider first of all the Rose plant. We are speaking, of course, of garden Roses or Rose bushes; principally, these days, Hybrid Teas, with a few Hybrid Perpetuals and more hardy Teas, possessing qualities of one sort or another so excellent that they deserve a place even in the comparatively small garden of Hybrid Teas. The robust climbers and the hardier of the natural species will thrive vigorously and

THE BEGINNING

(Continued on page 146)
FOUNDATION FOOD

(Above) The foundation layer of the bed is made up of rotted cow manure, crushed raw bone and coarse soil. This will provide a substantial and long-lasting supply of food—a very important factor.

TURFING

(Right, top) Sod is laid between the beds after the soil has been well leveled. This is the quickest way to secure a firm turf, although seeding is less expensive. The boards marking paths will soon be hidden.

PLANTING

(Center) When the paths have been finished and the beds generously filled with prepared soil, planting the bushes follows as a final step. If possible, complete the beds two weeks before planting.

COMPLETED

(Right) The final result of the work shown in the foregoing photographs. This garden well illustrates several Rose requirements—sunshine, good air circulation and entire freedom from crowding.
No charge of uninteresting formality can be made against the semi-double Camellias which are now helping so materially to restore the popularity of this worthy shrub. A selected list of especially attractive varieties is given in the accompanying article (Below). The Camellia is a notable flowering shrub of the South where it is a memorable feature of many a landscape scheme. It prefers a warm, open, loamy soil with plenty of leafmold and peat and must have good drainage. It flowers from March to June.

**The Camellia—Rose of Japan**

E. H. Wilson

“CAMELLIAS are universally admired for the rich and pleasing contrast afforded by their dark green leaves and their superb flowers which enliven greenhouses and conservatories throughout the winter and spring months. The flowers are also extensively used for bouquets and for dressing ladies' hair for balls and parties, indeed, the want of fragrance is perhaps the chief thing which prevents the Camellia from supplanting the Rose in universal admiration.”

So writes an enthusiast about 1860, but there are changing fashions in flowers as in milady's hats and gowns; some at the moment are in their hey-day, others have passed their peak, and some are on the ascending scale. Dame Fashion is a creature of whims and fancy more than common sense rules her taste, yet if we look closely into the rise and fall of certain flowers in popular favor we shall generally find good and sufficient reasons. In many instances the florist with his craving for uniformity and regularity is to blame. In breeding many flowers the specialist has not rested content until he has produced them so regular in form and outline as to make it a simple matter to cut replicas out of a Beet.
or Turnip or mould them from soap or wax. At this the public has ever revolted and such flowers are soon thrust into the discard, some of them to be resurrected at later periods under a new guise. Pathetic examples of this false art are the Show Dahlia and incurvated Chrysanthemum, which have long since had their day.

The Camellia is another striking illustration of the florist's poor taste. It came, waxed mightily, established itself, then became as if its blossoms were graven out of some vegetable solid. Revulsion followed and the plant dropped into desuetude. Now, after a lapse of half a century it is coming into its own again—not those varieties with dull, lifeless, stiff, regular, formal flowers, but the single or semi-double forms where character is in evidence. Nurserymen are turning their attention to this plant once more and now quite a wide range of lovely varieties is available, though the work of raising stocks is a slow one.

The Camellia is really a very accommodating plant; it is much hardier than was at one time supposed; in fact, it can be grown out-of-doors where Himalayan Rhododendrons are hardly, which is not New England. In colder places it is readily accommodated in a cool conservatory (the orangery as it used to be called) where if tended in pot or planted out in border it gives a great return in blossoms of many hues. The large Camellia bushes out-of-doors in Georgia and the Carolinas are the envy of all visitors and the crowning glory (Continued on page 138)

(Above) Modern Camellias are to be had in a wide variety of blossom colors—reds, pinks, creams and whites, sometimes with yellow stamens. Not a few of them are parti-colored and have petals curiously streaked, flaked or otherwise distinctly marked

There are numerous double forms, some of which are really too regular to be truly beautiful. The species is harder than commonly supposed to be, actually coming through a mild Long Island winter unharmed when growing in sheltered places out-of-doors
A Backyard Garden
Secluded In Paris

Helen M. Clark

Once in a great while the fairy of perfect production hovers near, and brings material, circumstances, architects, personal preferences and tangible possibilities into close harmony. What ensues from this splendid accord is usually a joy to behold, and a pattern to be followed wherever possible.

Such a house and garden I found in a short new street in Passy, one of Paris’s residential sections, old in name and division, but containing many of the newest and most modern homes which are springing into existence in the post-war building. The owner is a young woman who wanted her own establishment independent of her parents. Her house, her garden, her furnishings are all expressions of her own individuality, and follow a sane path of modernist tendencies with no exaggerations, far removed, however, from recommended antiques and ancestral walnut.

Mlle. Stern is a practical gardener, full of buoyant enthusiasm, and her idea was to have her house and grounds so closely related that she would not be conscious when she passed from one to the other. She also believes that the interior decoration should carry some suggestion of the garden immediately without.

(Continued on page 134)
# PERENNIALS FOR SHADY PLACES

<table>
<thead>
<tr>
<th>LATIN NAME</th>
<th>COMMON NAME</th>
<th>COLOR</th>
<th>HEIGHT</th>
<th>BLOOMING SEASON</th>
<th>SOIL</th>
<th>DEGREE OF SHADE</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allium Moly</td>
<td>Onion</td>
<td>Yellow</td>
<td>6&quot;</td>
<td>Spring</td>
<td>Wet Soil</td>
<td>Light Shade or Shade</td>
<td>Showy Flowers; Effective Foliage</td>
</tr>
<tr>
<td>Actea Alba</td>
<td>Whitebeam</td>
<td>White</td>
<td>15'</td>
<td>May-June</td>
<td>Rich, Moist</td>
<td>Full Shade</td>
<td>Sugar at the Taste; White Flowers</td>
</tr>
<tr>
<td>Androsace l-ii</td>
<td>Rock miniature primrose</td>
<td>Lavender</td>
<td>3&quot;</td>
<td>Spring</td>
<td>Poor, Damp</td>
<td>Damp Shade</td>
<td>Attracts butterflies</td>
</tr>
<tr>
<td>Anomone in Variety</td>
<td>Anemone</td>
<td>Mauve</td>
<td>1'</td>
<td>Summer</td>
<td>Open</td>
<td>Sun or Semi-Sun</td>
<td>Species include: Galeopsis, Campanula, Corydalis</td>
</tr>
<tr>
<td>Aronia Balearica</td>
<td>Balearic black chokeberry</td>
<td>Red</td>
<td>3'</td>
<td>May</td>
<td>Rich, Moist</td>
<td>Full Shade</td>
<td>Good fruit for birds; Summer berries</td>
</tr>
<tr>
<td>Arum mot</td>
<td>Autumn</td>
<td>Yellow</td>
<td>6&quot;</td>
<td>September-October</td>
<td>Rich, Moist</td>
<td>Full Shade</td>
<td>Attracts hummingbirds; Fragrant flowers</td>
</tr>
<tr>
<td>Asjirnurula Odcirala</td>
<td>Asparagus</td>
<td>Yellow</td>
<td>30&quot;</td>
<td>Spring</td>
<td>Rich, Moist</td>
<td>Full Sun</td>
<td>Good for wildlife; hardy tuberous variety</td>
</tr>
<tr>
<td>Arniieta Echioides</td>
<td>Arnica</td>
<td>Yellow</td>
<td>12&quot;</td>
<td>Summer</td>
<td>Rich, Well Drained</td>
<td>Full Shade</td>
<td>Attracts butterflies; Good for cutting</td>
</tr>
<tr>
<td>Carex Pratensis</td>
<td>Grass</td>
<td>Green</td>
<td>1'</td>
<td>Summer</td>
<td>Poor, Damp</td>
<td>Sun or Half Shade</td>
<td>Good for rock gardens; Foliage interest</td>
</tr>
<tr>
<td>Cytisus</td>
<td>Pea</td>
<td>Yellow</td>
<td>3'</td>
<td>Summer</td>
<td>Poor, Dry</td>
<td>Sun or Semi-Sun</td>
<td>Good for boundary hedges</td>
</tr>
<tr>
<td>Caulis</td>
<td>Caulis</td>
<td>Yellow</td>
<td>2'</td>
<td>Spring</td>
<td>Poor, Dry</td>
<td>Full Shade</td>
<td>Good for borders; Fragrant flowers</td>
</tr>
<tr>
<td>Convallaria Maialis</td>
<td>Honeysuckle</td>
<td>White</td>
<td>18&quot;</td>
<td>May</td>
<td>Wet, Shaded</td>
<td>Light Shade</td>
<td>Good ground cover; Foliage interest</td>
</tr>
<tr>
<td>Cynoglossum</td>
<td>勋章</td>
<td>Purple</td>
<td>30&quot;</td>
<td>Spring</td>
<td>Rich, Well Drained</td>
<td>Full Shade</td>
<td>Good for cutting; Attracts butterflies</td>
</tr>
<tr>
<td>Delphinium NuBlcaiili</td>
<td>Larkspur</td>
<td>Blue</td>
<td>6'</td>
<td>Summer</td>
<td>Rich, Moist</td>
<td>Full Shade</td>
<td>Good for cutting; Attracts butterflies</td>
</tr>
<tr>
<td>Dicentra canadensis</td>
<td>Bleeding heart</td>
<td>Pink</td>
<td>18&quot;</td>
<td>April-May</td>
<td>Rich, Moist</td>
<td>Light Shade</td>
<td>Good ground cover; Foliage interest</td>
</tr>
<tr>
<td>Deschampsia flexuosa</td>
<td>Soft sedge</td>
<td>Green</td>
<td>6&quot;</td>
<td>Summer</td>
<td>Poor, Wet</td>
<td>Damp Shade</td>
<td>Good for wet sites; Foliage interest</td>
</tr>
<tr>
<td>Dianthus in Variety</td>
<td>Pinks</td>
<td>Pink</td>
<td>18&quot;</td>
<td>May</td>
<td>Rich, Well Drained</td>
<td>Full Shade</td>
<td>Good for cutting; Attracts butterflies</td>
</tr>
<tr>
<td>Digitalis purpurea</td>
<td>Foxglove</td>
<td>Purple</td>
<td>18&quot;</td>
<td>May</td>
<td>Rich, Well Drained</td>
<td>Full Shade</td>
<td>Good for cutting; Attracts butterflies</td>
</tr>
<tr>
<td>Dipsacaceae</td>
<td>Thistles</td>
<td>Purple</td>
<td>30&quot;</td>
<td>Spring</td>
<td>Poor, Dry</td>
<td>Sun or Half Shade</td>
<td>Good for cutting; Foliage interest</td>
</tr>
<tr>
<td>Dryopteris</td>
<td>Lady fern</td>
<td>Green</td>
<td>9&quot;</td>
<td>Spring</td>
<td>Rich, Moist</td>
<td>Moist Shade</td>
<td>Good for rock gardens; Foliage interest</td>
</tr>
<tr>
<td>Erythroniums in Variety</td>
<td>Dogtooth violet</td>
<td>White</td>
<td>8&quot;</td>
<td>March-April</td>
<td>Rich, Moist</td>
<td>Full Shade</td>
<td>Good for cutting; Attracts butterflies</td>
</tr>
<tr>
<td>Epigaea repens</td>
<td>Huckleberry</td>
<td>Green</td>
<td>2'</td>
<td>Spring</td>
<td>Rich, Moist</td>
<td>Partial Shade</td>
<td>One of the best; Good for cutting</td>
</tr>
<tr>
<td>Euphorbia</td>
<td>Spurge</td>
<td>Green</td>
<td>3'</td>
<td>Spring</td>
<td>Poor, Dry</td>
<td>Full Shade</td>
<td>Good for cutting; Attracts butterflies</td>
</tr>
<tr>
<td>Euphorbia palustris</td>
<td>Pearly everlasting</td>
<td>Pink</td>
<td>18&quot;</td>
<td>Spring</td>
<td>Rich, Moist</td>
<td>Full Shade</td>
<td>Good for cutting; Foliage interest</td>
</tr>
<tr>
<td>Euonymus</td>
<td>spindle</td>
<td>Green</td>
<td>6&quot;</td>
<td>Spring</td>
<td>Rich, Moist</td>
<td>Full Sun</td>
<td>Good for hedges; Foliage interest</td>
</tr>
<tr>
<td>Galax in Variety</td>
<td>Evergreen</td>
<td>Green</td>
<td>30&quot;</td>
<td>Spring</td>
<td>Rich, Dry</td>
<td>Damp Shade</td>
<td>Good for cutting; Foliage interest</td>
</tr>
<tr>
<td>Gentiana pneumonanthe</td>
<td>Gentian</td>
<td>Blue</td>
<td>24&quot;</td>
<td>May-June</td>
<td>Rich, Moist</td>
<td>Full Shade</td>
<td>Good for cutting; Attracts butterflies</td>
</tr>
<tr>
<td>Geranium lacunosum</td>
<td>Sanguisorba</td>
<td>Pink</td>
<td>3'</td>
<td>Summer</td>
<td>Poor, Dry</td>
<td>Full Shade</td>
<td>Good for cutting; Foliage interest</td>
</tr>
<tr>
<td>Gentiana Actaea</td>
<td>Gentian</td>
<td>Blue</td>
<td>18&quot;</td>
<td>May-June</td>
<td>Rich, Moist</td>
<td>Full Shade</td>
<td>Good for cutting; Attracts butterflies</td>
</tr>
<tr>
<td>Geranium sanguineum</td>
<td>Water geranium</td>
<td>Red</td>
<td>18&quot;</td>
<td>Spring</td>
<td>Poor, Dry</td>
<td>Full Shade</td>
<td>Good for cutting; Foliage interest</td>
</tr>
<tr>
<td>Gentiana</td>
<td>Gentian</td>
<td>Blue</td>
<td>18&quot;</td>
<td>May</td>
<td>Rich, Moist</td>
<td>Full Shade</td>
<td>Good for cutting; Attracts butterflies</td>
</tr>
</tbody>
</table>

* Asterisk indicates that other shade-loving species

*Shade from trees, plantain leaves, mountain laurel, sweet woodruff, or dogwood. DO NOT transplant into disturbed areas.

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House & Garden
<table>
<thead>
<tr>
<th>LATIN NAME</th>
<th>COMMON NAME</th>
<th>COLOR</th>
<th>BLOOMING SEASON</th>
<th>SOIL</th>
<th>DEGREE OF SHADE</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heuchera sanguinea</td>
<td>Coral Bells</td>
<td>White</td>
<td>April – May</td>
<td>Wet. Well Drained</td>
<td>Under Trees</td>
<td>Evergreen Leaves</td>
</tr>
<tr>
<td>Heuchera sanguinea</td>
<td>Coral Bells</td>
<td>Red</td>
<td>April – May</td>
<td>Wet. Well Drained</td>
<td>Under Trees</td>
<td>Evergreen Leaves</td>
</tr>
<tr>
<td>Heuchera americana</td>
<td>Coral Bells</td>
<td>Purple</td>
<td>April – May</td>
<td>Wet. Well Drained</td>
<td>Semi</td>
<td>Slowly Spreading and Very Useful</td>
</tr>
<tr>
<td>Heuchera micrantha</td>
<td>Coral Bells</td>
<td>Yellow</td>
<td>April – May</td>
<td>Wet. Well Drained</td>
<td>Semi</td>
<td>Slowly Spreading and Very Useful</td>
</tr>
<tr>
<td>Heuchera villosa</td>
<td>Coral Bells</td>
<td>Pink</td>
<td>April – May</td>
<td>Wet. Well Drained</td>
<td>Semi</td>
<td>Slowly Spreading and Very Useful</td>
</tr>
</tbody>
</table>

exist but are omitted through lack of space
THE necessity of one age might be called the luxury of the next in the development of wall coverings. For from the tapestries and fabric hangings which tempered the wind of the medieval castle and the domino papers with which the French peasant protected his walls, have descended the almost limitless range of possibilities for modern decoration. And from priceless originals and the adaptations of eminent designers have been evolved, as well, more modest designs for the small home. Colorful as an artist's sketch book and in harmony with every decorative ensemble. The tidal wave of interest in sound decoration, which signifies the growing of our infant country into the sophisticated standards of older lands has centered interest on the use of decorative fabrics, paneling and wall paper in key with the vague for a restrained use of pictures.

In a ceremonious room, smooth surfaced fabric wall hangings may introduce a sparkling pageant of color and pattern in a print suggestive of rare damask. Or woven panels recall the grace and beauty of priceless Renaissance originals by their authentic modern design and appearance of graceful age. Wood paneling lends its mellow note to many a new world home and to meet this more sturdy effect in the moderate home a special type of wood wall covering may be had in walnut, mahogany and oak.

THE PAPERS

But it is in the once humble wall paper—the "tapestries of the poor"—that the greatest advances in design and craftsmanship have been achieved. The exquisite old papers which have been taken from their original setting in homes across the water bear mute testimony to the permanence of fine papers under intelligent care. For many have been used in American homes and brought to a fine state of beauty and interest by the skill of the restorer. From their inspiration have been created similar patterns in domestic papers. Chinese Chippendale designs form delightful harmonies with furniture of the Federal period. In other settings, the sentimental doves and roses of the Victorian era are charming and smart. As a background for the Directoire room comes the lovely velvet stripes, while tapestry effects lend dignity to the more robust Jacobean and Elizabethan periods. Spanish leather in bright colors stands out against a silver ground, while French tulips, animal motifs, hunting or marine scenes, or historic Egyptian or Hindu motifs may lend each its appropriate note of color and design to the completion of some up-to-date American room. Then there are the plastic wall coverings which imitate stipple and rough plaster, so suitable for early English and Spanish homes, and many examples of the new art which exemplify the controlled beauty of the modernist conception. Scenic papers form a chapter in themselves, so decorative are they and so well adapted to the spirit of modern architecture.

CLEANING AGENTS

With so much time and thought devoted to the selection of the type, quality, design and color of wall coverings, it is strange that so little attention is usually granted the after care which not only lengthens the life but mellows the texture of these surfaces. For smoke, gases and dust take their toll of walls as well as furnishings. Accidental spots, the traces of active little fingers and general wear and tear necessitate knowledge of special as well as routine care.

With the general acceptance of the vacuum cleaner as a piece of standard equipment, fabric wall coverings developed a practical as well as decorative appeal. For the lighter machines are ideal for keeping these surfaces free from dust and moths. Should the material be of wool, one of the commercial moth-proofing substances will assure temporary but effective protection from maulading lepidoptera.

In the April, 1929 issue of House & Garden instructions were given for the care of paneled walls. Such attention is as necessary on all night. If the heat appears to change the color of the paper, this part of the treatment can be omitted and several applications of the pipe clay given at intervals. Fingerprints should be dampened with clear cold water, used sparingly, before the pipe clay or Fuller's earth is applied. Any rubbing tends to spread a stain.

Mould or damp spots can usually be removed if one part of salicylic mixed with ninety parts alcohol is very carefully applied with a soft cloth or sponge. In using any compound on one spot only, the clean part may stand out on a time mellowed surface.

FOR PROTECTION

When the complete wall comes up for cleaning it is usually time to consult the decorator, unless the paper has historical interest or associations. Prepared putty, starch or dough cleaners may be had, but their use takes time and patience and unless very carefully applied the result is uneven and irregular.

Not all wall papers can be successfully lacquered, but on the hard surfaced types, the wood veneers and marbleized varieties and on the bronzed and low colored papers as well as on many of the cheaper grades this finish may be used with great success. Not only does it simplify the cleaning process; it also prevents the paper from fading, without leaving the surface glossy or caus-
The Portfolio this issue shows a small house in London, the home of Major and Lady Alexandra Metcalfe, recently decorated in simple 18th Century taste tempered with modern comfort. The drawing room has pine-paneled walls and a green color scheme.

An oval bathroom with walls painted in the varied blues of lapis lazuli is one of the most interesting of London's recent achievements in bathroom decoration. An extremely practical feature is the full length dressing table mirror with tall movable side arms.

A Little Portfolio
Of English Rooms
Pale terra cotta is the predominating color in the delightfully simple dining room, which has walls of cheerful pine, Georgian furniture and curtains of cream colored moire. Symonds and Lutyns were the decorators of this house.

(Below) A corner of a little writing room that is all such a room should be—restful owing to its comfortable furniture and simple background, and interesting on account of the many books and coloring of peach tones accented in red.
Rooms In
London

Above is a view of the entrance hall and stairs in Major Metcalfe's London house showing the simple, well-designed paneling and effective marble floor. The walls here are stone color and the carpet and lacquer cabinet are Saxe blue.

The ideal playroom should have practical equipment, restful colors and decorations to stimulate the imagination. This English nursery meets these requirements with a scheme in soft greens, durable furnishings and a gay frieze.
Unlike the shoemaker's child, a decorator gives time and thought to the furnishings of her own home. Illustrated on these pages is the duplex pent house apartment of Mrs. James C. Rogerson, president of the Arden Studios. The dining room walls are painted in scenes of old New York, with woodwork deep yellow and apple green moldings above the mantel to conform with the mirror frame. At the left is a view of the roof terrace and on the right the tiny spiral staircase.
The Georgian living room, with its dignified background of pine paneling, is warmly colorful owing to the varied tones of textiles and rug. Plenty of rich color should be used in wood rooms on account of the somewhat neutral tone of the background. Here the sofa is in reseda green brocatelle, the Chippendale chair in old gold velvet and the desk chair in green and gold damask. Curtains are of gold brocatelle and the Hamadan rug is green, gold and apricot on blue. Over the mantel hangs a Yuan Dynasty Chinese painting on silk.

Eighteenth Century Furnishings

Prevail In A Decorator's

New York Pent House Apartment
In sunny climates—California and the Southwest—the white-walled house serves a definite role as a background against which planting is repeated in shadow and planting is so placed that shadows pattern the wall. So it is at the home of Charles W. Oliver, architect, River Oaks, Houston, Texas

Foliage Patterns And White Walls
The garden area is divided into sections tied together with a hedge of Regal Privet, to be replaced by Australian Pine in southern sections. Off the breakfast garden is a cutting garden, followed by Rose, vegetable and fruit sections. Mary Rutherfurd Jay, landscape architect

Grounds And Gardens For The Modern House

IN the January issue we described the architecture and room plan of *House & Garden*'s Modernist House, as exemplified in a scale model designed by Francis Keally, architect. The February issue took up the tale of the interiors, in which Miss Margaret McElroy, decorator of the *House & Garden* staff, suggested the color schemes and furnishings of the principal rooms. In each of these presentations the old and the new were mingled—the architecture was modern without going to the objectionable, ugly extremes of fanatics abroad, and in the rooms the furniture selected was an harmonious combination of modern and traditional pieces set against modern backgrounds. Thought has also been given to the effect in winter as well as in summer, and with a judicious use of sugar the photographer has produced a fairly chilly and convincing winter scene. The planting throughout has been studied to fit and harmonize with the general character of the house itself, together with the flat character of the terrain—a long suburban lot, 200' x 275' so that the house and its grounds present a complete and unified composition.

It will be remembered that among the features of this modern plan was placing the garage on the street side and linking it to the house by a covered drive. Between the garage and the street a plain lawn was spread, broken at necessary points by groups
of shrubbery. Vines were also planted to soften the front walls of both the garage and the house. In the plant list found at the end of this article names of shrubbery suitable for these plantings, both North and South, are given.

A study of the bird’s eye view on this page reveals that the design has divided the garden property into definite sections, as definite as the rooms in the house itself, and with equally marked individual character. This is one of the best ways to give a semblance of space to a small garden and also the best to afford variety in both large and small places.

Immediately off the windows of the breakfast room is a little rectangular plot fenced in with open lattice. This is the Breakfast Garden. Its planting plan calls for a succession of brilliant flowers, annuals mostly, that can greet the eye of mornings.

A gate in the lattice opens on a long path on each side of which is room for a Cutting Garden, with annuals and a few perennials planted in rows, which makes for ease of both cutting and cultivating. At the cross path begins another section and here is laid out a Rose Garden—on one side of the path Hybrid Perpetuals, which require space; on the other side, beds of Hybrid Teas around a little grass plot. Across the path we reach a Vegetable Garden which, though small, will furnish quite a succession of vegetables if the crops follow each other closely. If one chooses, this space could be devoted to fruits—the bush varieties, such as Currants and Raspberries, in the rear, with a Strawberry patch and a line of Rhubarb in front. The paths could be lined with fruits grown espalier-fashion as they do in France, on low wires—Apples and Pears and even Cherries. In the narrow strip between the path and the boundary (Continued on page 150)
ADVERTISERS often appeal to us through some phrase about modernizing the house. Sometimes this means to conceal an awkward radiator; in other instances, it implies the installation of up-to-date plumbing fixtures; or again it necessitates equipping your house with an artificial ice plant. And, the advertisement goes on to say, we then can boast of a modern house.

We of today want to live in houses which are modern and we want to enjoy every convenience which this modern age offers, but how many of us can help throwing up our hands in astonishment at the suggestion that we modernize the design of our houses?

Do not misunderstand me. When I say a modern design, I mean a design that gives evidence of some originality on the part of the designer. During the past fifty years we have been such slaves to the periods of four and five centuries ago that originality was given little chance for expression. We got into the habit of looking at period designs somewhat as standards on which all architectural and decorative design was based. When we invited an architect to draw up plans for a new house for us, we showed him in a book on Colonial, Spanish or English architecture the "style" of house we liked. And, in most cases, the architect followed rather closely, too closely, the design of the house pictured. Architecture was thus carried on in somewhat the same manner as the ladies' tailor operates.

We have not yet outgrown this idea of "copybook architecture," but we have made a start in the right direction, anyway. It is perfectly natural that we like the designs of one period better than another, and it may not be entirely out of place for us to designate some house already built as measuring up to our ideas of good taste. For we must not forget that it is the architect's business to design a house for us that will satisfy us: a house that will meet our individual needs and reflect our personality and character. And this is one way, I submit, in which we may be able to show our architect certain ideas which will actually express our individuality.

The big mistake in this era of "copybook architecture" was largely due to the architect. He designed your house too much like the model you selected. He copied it outright, while he should merely have taken his cue from it and given you an original design. In other words, when you tell your architect that you prefer the Colonial style of architecture to all others, you do not necessarily mean that you want a house that is true in every detail to Colonial architecture, but you rather expect

(Continued on page 126)
In both its design and the materials used, the residence of William Van Kirk at Fairfield, Conn., follows the Early American farmhouse manner. The first story is surfaced with local fieldstone on the front and the terrace face is a combination of brick and stone coated with whitewash having a grayish cast. Shingles are in dull grays. To the right of the central hall is the living room and at the left are dining and service rooms. Four master’s rooms and three servants’ rooms occupy the second floor.
To the rear stretches a broad grass terrace. Low shrubs and bushes break up the otherwise sharp definition between house and site and mask the service yard. The porch opens from the living room and the awning-protected entrance is to the hall. The hooded doorway shown at the right is typical of some of the early Connecticut farmhouses. Note the pleasant contrast between stonework and wood entrance pilasters. Walter Bradlee Kirby was the architect of this residence.

A Connecticut Version

Of The Early American Farmhouse
Principles To Follow In
Staging A Flower Show

Mrs. William H. Darrow

There is today an unprecedented interest in gardening, and hand in hand with it goes the flower show. Sometimes the gardens come first and the displays follow; but often the shows come first and many new gardens are the outcome of them. In either case the flower show, if properly managed, is of great value to both the garden club which sponsors it and to the whole community.

Someone has said that “the desire to excel one’s fellows is the spirit that has been behind all human progress.” This is just as true in gardening. Clubs and whole communities, new and added interest will be created in all phases of gardening.

The show may be a general display in spring, autumn or midsummer, showing as many and varied blooms as possible, or it may be a smaller one limited to some one particular flower, such as Daffodils, Tulips, Iris, Peonies, Delphiniums, Gladioli or Dahlias. In any case many of the general rules are the same.

The Right Place

First of all choose the right place to hold the exhibit. There must be space enough not to be crowded and yet not so large that the exhibits are lost. The place should be within easy access of a large number of people. Sometimes armories, art museums, women’s clubs and other public buildings can be used to advantage. Sometimes department stores will co-operate.

Wherever it is, the exhibits should be attractively placed and the surroundings made as lovely as possible, in keeping with the flowers exhibited. The tables used for displays should be uniform and all covered with the same kind and color of paper or cloth. This not only gives a better appearance, but makes it a little easier for the judges. Some very attractive color schemes can be worked out for different shows, such as white-covered tables with green containers for Daffodils and green-covered tables with black containers for the gayer Tulip show.

What kind of containers can be used? If the garden club treasury is low (and which one isn’t?) a very simple thing to do is to use half-pint, pint and quart fruit jars, depending on the size and length of stem of the flowers. Cover these with the heavy crépe paper such as florists use on flower pots. Pin it at top and bottom and flute the top edge. For collections of larger flowers such as Peonies and Iris, some of the gallon crocks and tall pottery jars can be used. But cover these also to adhere to the color scheme. The containers for all entries except those in artistic arrangements should be uniform and furnished by the sponsors.

Entrance Fees

Then there is the question of an entrance fee. Of course the show is open to the public, but a Michigan Garden Club charges the nominal sum of twenty-five cents admission, because they feel that the public enjoys what they pay for. If there is a fee, it should be small and it is often wise to use it toward some civic project. One Ohio Club holds its exhibits in a department store and cannot charge general admission, but they do ask a twenty-five cent fee for each entrant. This helps to defray the expense of the ribbons offered as rewards.

And shall the rewards be only ribbons or something of monetary value? Ribbons or cards are all that are necessary. Real gardeners are just as proud of a ribbon as they are of a silver cup or vase. However, when a club is trying to spread its influence and reach a larger public, prizes of intrinsic value do help. If there are local nurseriesmen, they are often glad to give plants, shrubbery and bulbs as prizes. It connects their name with the exhibit, brings people to the nursery and is good advertising.

The classification of the entries is the most important question of all. A large number of small exhibits instead of a few large ones should be the aim. To accomplish this, make as many divisions and sub-divisions as possible. This gives the person with the small garden a chance to compete with the owners of large gardens in some classes at least and makes possible many more entrants. Recognition of the people who grow large quantities and make various exhibits can be made by awarding grand prizes for total number of points received. There should be some classes for unnamed varieties to give beginners a chance. The named entries are valuable to the public, because it is from them that they make up their lists of things to be added to the garden.

In making the classification keep in mind the fact that only things which are alike can be compared and so bring them together to be judged. If professionals exhibit, they should be judged separately from amateurs. The question of just what constitutes a professional and an amateur generally arises and it has been decided that “an amateur is one who grows his plants for the love of it and whose sales from his garden do not exceed his outlay for seeds and plants with which to keep it up.”

Classifications

The United States Department of Agriculture publishes a bulletin, Horticulture Exhibitions and Garden Competitions, by F. L. Mulford, No. 62, which gives a great deal of valuable information about classification. The larger number of classes is not only much fairer to the exhibitors, but it again makes it easier for the judges.

The Little Gardens Club of Dayton, Ohio has held a Daffodil Show and a Tulip Show for two successive years. They have worked out a very successful classification list for each show, which may be of help to clubs who are just starting. They are appended to this article. The Daffodil Show had forty-six entrants with 356 entries and the Tulip Show seventy-six entrants with a total of 563 entries. Both shows were open to the public immediately after the judges finished. At the end of the second afternoon all flowers were sold at a very low price and the proceeds paid for all expenses and left a profit of $60,000 which (Continued on page 162)
Daffodils naturalized in meadows and wood should not march in straight lines like an army on parade, rather should they be deployed in straggling formation—here massed, there scattered, as in this woodland at Bridgeport, Conn. Planted by Marian C. Coffin, landscape architect

Straggling Armies Of The Daffodils
### House & Garden's Gardening Guide

In the following lists of plant material emphasis has been laid on practical rather than complete selections. The aim is to suggest those types and species which are the most satisfactory to the majority of gardeners, and to give essential facts about them. The lists were compiled by F. F. Rockwell.

**FLOWERS, TREES, SHRUBS AND VINES**

#### ANNUALS

<table>
<thead>
<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>SEASON</th>
<th>COLOR</th>
<th>CULTURE AND USE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Calliopsis (Coreopsis)</strong></td>
<td>12&quot;</td>
<td>June-Aug.</td>
<td>Blue or white</td>
<td>Set out potted plants or seed outdoors; pick old flowers; solid bedding; edging.</td>
</tr>
<tr>
<td><strong>Cosmos</strong></td>
<td>18&quot;</td>
<td>June-Oct.</td>
<td>Yellow, white/red</td>
<td>Best early starts; start seed indoors or sow outside in warm, fine soil; best summer bedding plants for hot, sunny locations.</td>
</tr>
<tr>
<td><strong>Clarkia</strong></td>
<td>18&quot;</td>
<td>July-Oct.</td>
<td>White, pink, red</td>
<td>Deadheads; starts seed indoors; excellent for cutting.</td>
</tr>
<tr>
<td><strong>Digitalis (Foxglove)</strong></td>
<td>24&quot;</td>
<td>June-Sept.</td>
<td>Blue</td>
<td>Sow annuals; makes 8&quot;-10&quot; tall bouquet for color and cutting.</td>
</tr>
<tr>
<td><strong>Doronicum (Leopardlance)</strong></td>
<td>18&quot;</td>
<td>June-Aug.</td>
<td>White</td>
<td>Sow in mid-May; transplant ready; varieties for edging; border; cutting.</td>
</tr>
<tr>
<td><strong>Evening Primrose (Oenothera)</strong></td>
<td>18&quot;</td>
<td>June-Sept.</td>
<td>Yellow</td>
<td>Sow in open soil to grow; most delicious fragrance of all annuals.</td>
</tr>
<tr>
<td><strong>Bleedingheart (Dicentra)</strong></td>
<td>18&quot;</td>
<td>June-Aug.</td>
<td>Pink</td>
<td>Sow in April; outdoors; dwarf and climbing varieties; thrive in poor soil.</td>
</tr>
<tr>
<td><strong>Kniphofia (Torchlily)</strong></td>
<td>18&quot;</td>
<td>June-Oct.</td>
<td>Various</td>
<td>Start indoors or sow outside; May; spreading border; masses of color; Buphthalmum's blue; blue seed in lightly-humified soil; good for cutting; very early flowering.</td>
</tr>
<tr>
<td><strong>Beech (Forsythia)</strong></td>
<td>18&quot;</td>
<td>June-Sept.</td>
<td>Various</td>
<td>Sow in March to May; transplant ready; varieties for display.</td>
</tr>
<tr>
<td><strong>Sow Multiflora (Bloodroot)</strong></td>
<td>18&quot;</td>
<td>June-Oct.</td>
<td>Pink or white</td>
<td>Start indoors or outside; April; transplant to 18&quot;; pinched back; excellent for display and cutting; especially late spring.</td>
</tr>
<tr>
<td><strong>Stock</strong></td>
<td>24&quot;</td>
<td>June-Sept.</td>
<td>Various</td>
<td>Two or three sowings; transplant to 18&quot;: fragrant; cutting.</td>
</tr>
<tr>
<td><strong>Verbena</strong></td>
<td>36&quot;</td>
<td>June-Sep.</td>
<td>Various</td>
<td>Extras good ground cover; excellent for zonal display; indoors or outdoors; April; 18&quot; apart; display; cutting; try new named varieties.</td>
</tr>
</tbody>
</table>

#### PERENNIALS

<table>
<thead>
<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>SEASON</th>
<th>COLOR</th>
<th>CULTURE AND USE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Arabis (Viper's Bugloss)</strong></td>
<td>18&quot;</td>
<td>June-Aug.</td>
<td>Yellow</td>
<td>Full sun; succeeds in dry soil; back of border; fair for cutting.</td>
</tr>
<tr>
<td><strong>Anemone (Dionysian)</strong></td>
<td>18&quot;</td>
<td>June-Aug.</td>
<td>Pink, red</td>
<td>Rich moist soil; partial shade; back of border; display; cut flowers.</td>
</tr>
<tr>
<td><strong>Anemone, Japanese</strong></td>
<td>18&quot;</td>
<td>June-Aug.</td>
<td>Various</td>
<td>Most graceful of all late flowers; sight protection needed; partial shade; display and cutting.</td>
</tr>
<tr>
<td><strong>Aquilegia (Columbine)</strong></td>
<td>18&quot;</td>
<td>June-Aug.</td>
<td>Various</td>
<td>Sow May or June; transplant ready; various; good border; cut flowers.</td>
</tr>
<tr>
<td><strong>Aster</strong></td>
<td>18&quot;</td>
<td>June-Aug.</td>
<td>Various</td>
<td>Good in May; transplant ready; various; excellent for cutting.</td>
</tr>
<tr>
<td><strong>Aster, Michaelmas Daisy</strong></td>
<td>18&quot;</td>
<td>June-Aug.</td>
<td>Yellow, white</td>
<td>Sow in open soil to grow; most delicious fragrance of all annuals.</td>
</tr>
<tr>
<td><strong>Beech (Forsythia)</strong></td>
<td>18&quot;</td>
<td>June-Aug.</td>
<td>Various</td>
<td>Start indoors or sow outside; May; spreading border; masses of color; Buphthalmum's blue; blue seed in lightly-humified soil; good for cutting; very early flowering.</td>
</tr>
<tr>
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<td>18&quot;</td>
<td>June-Aug.</td>
<td>Various</td>
<td>Sow in open soil to grow; most delicious fragrance of all annuals.</td>
</tr>
<tr>
<td><strong>Doronicum (Leopardlance)</strong></td>
<td>18&quot;</td>
<td>June-Aug.</td>
<td>Various</td>
<td>Start indoors or sow outside; May; spreading border; masses of color; Buphthalmum's blue; blue seed in lightly-humified soil; good for cutting; very early flowering.</td>
</tr>
<tr>
<td><strong>Echinacea (Echinacea)</strong></td>
<td>18&quot;</td>
<td>June-Aug.</td>
<td>Various</td>
<td>Sow in open soil to grow; most delicious fragrance of all annuals.</td>
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#### House & Garden

"House & Garden's Gardening Guide"
# House & Garden’s Gardening Guide

## BULBS (Spring Flowering)

<table>
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<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>SEASON</th>
<th>COLOR</th>
<th>CULTURE AND USE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tulips</td>
<td>12&quot;-36&quot;</td>
<td>May-early June</td>
<td>Various except blue</td>
<td>Early type, single and double, best for solid bed; Macflowering and Darwin type excellent for hardy border; Available in dwarf sorts and species for naturalizing and rock gardens; new varieties with pink shades.</td>
</tr>
<tr>
<td>Narcissus (Daffodil)</td>
<td>12&quot;-18&quot;</td>
<td>April-early May</td>
<td>Yellow, white</td>
<td>Effective in hardy border; dwarf sorts and species for naturalizing and rock gardens; new varieties with pink shades.</td>
</tr>
<tr>
<td>Hyacinths</td>
<td>8&quot;-15&quot;</td>
<td>April-May</td>
<td>All</td>
<td>Just right for solid bedding; smaller-sized bulbs give more graceful spikes for other uses; deliciously fragrant; try clumps in hardy border.</td>
</tr>
<tr>
<td>Crocus</td>
<td>4&quot;-6&quot;</td>
<td>April</td>
<td>White, yellow, purple shades</td>
<td>Among the genuss of all spring flowering plants; plant in groups in front of historic hardy border or edge of shrubbery, or in lawns where the grass is not cut early.</td>
</tr>
<tr>
<td>Scilla (Squill)</td>
<td>6&quot;-18&quot;</td>
<td>March-May</td>
<td>Beautiful, pure</td>
<td>Several types; plant some for succession; groups in hardy border under shrubbery; excellent for naturalizing.</td>
</tr>
<tr>
<td>Grape Hyacinth (Muscari)</td>
<td>6&quot;-8&quot;</td>
<td>April-early May</td>
<td>White and blue</td>
<td>These follow the Crocus and bellflower in every garden; excellent for naturalizing; exceptionally fragrant.</td>
</tr>
<tr>
<td>Fringillaria</td>
<td>12&quot;-36&quot;</td>
<td>April-early May</td>
<td>Various</td>
<td>Several types differing widely; tall-growing Crown Imperial good for the border; Excellent in bulbous border; good for naturalizing and rock gardens.</td>
</tr>
<tr>
<td>Snowdrop (Galanthus)</td>
<td>6&quot;-10&quot;</td>
<td>Earliest spring</td>
<td>White</td>
<td>Dainty little bell-like flowers which ring in returning spring; sunny corner; light soil; match with pink to prevent mud spattering; naturalizing; rock gardens.</td>
</tr>
</tbody>
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## BULBS (Summer Flowering)

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<tbody>
<tr>
<td>Gladiolus</td>
<td>24&quot;-60&quot;</td>
<td>July-frost</td>
<td>Infinite variety</td>
<td>Make succession plantings of early, medium and late sorts at intervals of 90 days for continuous bloom until freezing weather; Primulopsis sorts especially fine for cutting. Usually planted for cutting, but also in gardens; punch back for stocky growth; new single, Newport Wonder, glorious cut flower.</td>
</tr>
<tr>
<td>Dahlia</td>
<td>36&quot;-70&quot;</td>
<td>Aug.-Oct.</td>
<td>Various</td>
<td>Excellent for color masses, especially in borders; splendid new varieties; good temporary screen or border line.</td>
</tr>
<tr>
<td>Cannas</td>
<td>24&quot;-48&quot;</td>
<td>June-frost</td>
<td>Various</td>
<td>For all bedding plants for shaded situations; use pure or tuscan in soil; marvelous shades of color, various shaped; should be used much more generally.</td>
</tr>
<tr>
<td>Begonias (Tuberosa)</td>
<td>12&quot;-18&quot;</td>
<td>July-Sept.</td>
<td>Various</td>
<td>Numerous sorts of bell-shaped flowers on tall stems; striking, especially against green foliage; remove old spikes; new ones for many weeks; splendid flower; worth of wider use.</td>
</tr>
<tr>
<td>Summer Hyacinth (Hyacinthus)</td>
<td>48&quot;</td>
<td>July-Sept.</td>
<td>Pure white</td>
<td>Hardy, but much more graceful than the Gladiolus; brilliant color; excellent for border, landscape or cutting.</td>
</tr>
<tr>
<td>Trionia (Montbretia)</td>
<td>36&quot;-48&quot;</td>
<td>Aug.-Aug.</td>
<td>Various</td>
<td>Make succession plantings of early, medium and late sorts at intervals of 90 days for continuous bloom until freezing weather; Primulopsis sorts especially fine for cutting. Usually planted for cutting, but also in gardens; punch back for stocky growth; new single, Newport Wonder, glorious cut flower.</td>
</tr>
<tr>
<td>Oxalis</td>
<td>6&quot;-8&quot;</td>
<td>June-Sept.</td>
<td>Yellow, various</td>
<td>Well known spring-flowering shrub, exceedingly beautiful new varieties. See catalogs.</td>
</tr>
<tr>
<td>Hardy Lilies</td>
<td>18&quot;-20&quot;</td>
<td>July-Sept.</td>
<td>Various</td>
<td>Extremely hardy; extremely hardy yellow-flowering shrub; one of the most beautiful yellow-flowering shrubs; highly-flavored foliage; several varieties; either upright or drooping; hardiest early yellow-flowering shrub; all for specimen planting.</td>
</tr>
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## SHRUBS (Deciduous)

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<tbody>
<tr>
<td>Althea (Rose of Sharon)</td>
<td>5'-10'</td>
<td>Apr.-July</td>
<td>Pink</td>
<td>A well-known shrub, flowering profusely late in the season.</td>
</tr>
<tr>
<td>Alder</td>
<td>2'-5'</td>
<td>Apr.-July</td>
<td>Various</td>
<td>Like purple; semi-double; most brilliant flowering shrub of early spring; combines well with evergreens. For various kinds see catalogs.</td>
</tr>
<tr>
<td>Barberry, Jap. (Berberis thunbergii)</td>
<td>4'-5'</td>
<td>Berries in winter</td>
<td>Red autumn</td>
<td>Most satisfying informal hedge; also in groups and as individuals; new brilliant red variety.</td>
</tr>
<tr>
<td>Buddelia (Butterfly bush)</td>
<td>5'-7'</td>
<td>July-Sept.</td>
<td>Lavender</td>
<td>Attractive, evergreen; attractive to butterflies; hardy.</td>
</tr>
<tr>
<td>Chaste-tree (Vitis)</td>
<td>4'-10'</td>
<td>July-Sept.</td>
<td>Blue, red</td>
<td>Aromatic foliage; most ornamental; best blue late-flowering shrub; new low-growing variety macrophylla especially fine.</td>
</tr>
<tr>
<td>Cotoneaster</td>
<td>1'-3'</td>
<td>March-June</td>
<td>White, red</td>
<td>Strongly flowering shrub; white flowers followed by red or coral berries; excellent for foundation and rock gardens.</td>
</tr>
<tr>
<td>Daphne (Garland Flower)</td>
<td>18'-3'</td>
<td>March-Apr.</td>
<td>Red, blue</td>
<td>colourful flowers; excellent for bordering; foundation planting or specimen; varieties.</td>
</tr>
<tr>
<td>Elderberry (Sambucus canadensis)</td>
<td>8'-10'</td>
<td>July-Sept.</td>
<td>White, pink</td>
<td>Pride of Rochester especially fine.</td>
</tr>
<tr>
<td>Eriobotrya (Plum)</td>
<td>6'-8'</td>
<td>April-May</td>
<td>Pink</td>
<td>Fragrant white flowers followed by conspicuous black or purple berries; good for wine.</td>
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<tr>
<td>Flowering Almond (Prunus glandulosa)</td>
<td>3'-5'</td>
<td>April-Sept.</td>
<td>Pink</td>
<td>An exquisite shrub, charming bell-shaped flowers. Autumn foliage exceedingly striking.</td>
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<tr>
<td>Flowering Quince (Cydonia japonica)</td>
<td>5'-8'</td>
<td>April-Sept.</td>
<td>Pink</td>
<td>Shrub of small trees with beautiful small flowers; double sorts succeed almost anywhere; most ornamental.</td>
</tr>
<tr>
<td>Forsythia</td>
<td>1'-3'</td>
<td>Spring-summer</td>
<td>Lavender</td>
<td>Extremely hardy; grows anywhere; flowers best in full sun; new pink-flowered form available.</td>
</tr>
<tr>
<td>Highbush Blueberry (Vaccinium)</td>
<td>6'-8'</td>
<td>May</td>
<td>Golden yellow</td>
<td>Golden yellow or white bush types, excellent for border or specimens, also for hedges and flower baskets.</td>
</tr>
<tr>
<td>Honeysuckle (Lonicera)</td>
<td>3'-8'</td>
<td>All season</td>
<td>White, yellow</td>
<td>Several varieties; either upright or spreading; hardy early flowering shrub; admirably colored.</td>
</tr>
<tr>
<td>Hydrangea</td>
<td>4'-10'</td>
<td>July-Sept.</td>
<td>White, blue</td>
<td>Beautifull large shrub, flowering profusely in late summer. Hardy south of Philadelphia.</td>
</tr>
<tr>
<td>Japanese Maple ( Acer palmatum)</td>
<td>5'-10'</td>
<td>All season</td>
<td>Pink, red</td>
<td>Excellent hardy shrub for potted effect; acid soil; hardiest early flowering; well worth growing; several varieties, especially in vase or hanging baskets.</td>
</tr>
<tr>
<td>Japanese Snowball (Viburnum tinus)</td>
<td>5'-10'</td>
<td>All season</td>
<td>White, pink</td>
<td>Extremely hardy; extensively used in gardens; new pink-flowered form available.</td>
</tr>
<tr>
<td>Kerria (Kerria)</td>
<td>5'-7'</td>
<td>June-July</td>
<td>White, yellow</td>
<td>Excellent for foundation and border planting, larger for border and individual specimens.</td>
</tr>
<tr>
<td>Kotobuki (Shizuka)</td>
<td>7'-9'</td>
<td>July-Sept.</td>
<td>Golden yellow</td>
<td>Extremely ornamental shrub or little tree; highly-colored foliage; specimen; rock gardens. Give a nicely shaped shrub.</td>
</tr>
<tr>
<td>Lilac (Syringa)</td>
<td>6'-14'</td>
<td>May</td>
<td>Many colors</td>
<td>Golden yellow or white bush types, excellent for border or specimens, also for hedges and flower baskets.</td>
</tr>
<tr>
<td>Malus (Flowering Crab)</td>
<td>5'-10'</td>
<td>May</td>
<td>White, pink, red</td>
<td>Several varieties; either upright or spreading; hardy early flowering; admirably colored.</td>
</tr>
<tr>
<td>Mockorange (Philadendron)</td>
<td>8'-12'</td>
<td>June-July</td>
<td>White, yellow</td>
<td>One of the finest flowering shrubs; extremely hardy; excellent in border or as specimen.</td>
</tr>
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<td>Privet (Ligustrum)</td>
<td>4'-12'</td>
<td>May-Sept.</td>
<td>White</td>
<td>Excellent for covering dry banks where little else will grow; foliage distinctly aromatic; native.</td>
</tr>
<tr>
<td>Red-beret Dogwood (Cornus serotina)</td>
<td>5'-8'</td>
<td>May</td>
<td>Red</td>
<td>Excellent for blood-red stems, winter and spring; wet soil border, clumps especially in wet soil; remove old wood.</td>
</tr>
<tr>
<td>Strawberry Shrub (Syringa)</td>
<td>6'-13'</td>
<td>May</td>
<td>Pink</td>
<td>Especially for shrubbery; hardy, alcohol-tolerant. Good for border.</td>
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<tr>
<td>Callicarpa (Siberian)</td>
<td>8'-12'</td>
<td>July-Sept.</td>
<td>Pink</td>
<td>Especially for shrubbery; hardy, alcohol-tolerant. Good for border.</td>
</tr>
<tr>
<td>Summercreeper, Sweeper Bush (Cotoneaster)</td>
<td>6'-10'</td>
<td>July-Sept.</td>
<td>White, pink, red</td>
<td>Especially for shrubbery; hardy, alcohol-tolerant. Good for border.</td>
</tr>
<tr>
<td>Sweetbriar (Cotoneaster)</td>
<td>2'-8'</td>
<td>All season</td>
<td>White</td>
<td>One of the finest flowering shrubs; extremely hardy; excellent in border or as specimen.</td>
</tr>
<tr>
<td>Spirea</td>
<td>3'-6'</td>
<td>May-Sept.</td>
<td>White, rose</td>
<td>Excellent for covering dry banks where little else will grow; foliage distinctly aromatic; native.</td>
</tr>
<tr>
<td>Tamarix</td>
<td>10'-25'</td>
<td>April-Sept.</td>
<td>Pink</td>
<td>General, some drooping; for border, foundation planting or specimen; prunifolia is earliest to bloom; tomentosa later. See catalogs for many others.</td>
</tr>
<tr>
<td>Viburnum</td>
<td>7'-14'</td>
<td>Spring-summer</td>
<td>White</td>
<td>Excellent for shrubbery; hardy, alcohol-tolerant. Good for border.</td>
</tr>
<tr>
<td>Witch-hazel (Hamamelis)</td>
<td>5'-10'</td>
<td>Oct.-Nov.</td>
<td>White</td>
<td>Excellent for shrubbery; hardy, alcohol-tolerant. Good for border.</td>
</tr>
<tr>
<td>Weigela</td>
<td>6'-8'</td>
<td>July-Sept.</td>
<td>White</td>
<td>Excellent for covering dry banks where little else will grow; foliage distinctly aromatic; native.</td>
</tr>
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## Additional Information
- **March, 1930**
- **Shrubs**: Good for border; conspicuous flowers, but rather coarse growth; Eva Rathke is best and freest blooming variety.
### House & Garden's Gardening Guide

#### TREES (Deciduous)

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<tr>
<td>Beech (Fagus)</td>
<td>60'-100'</td>
<td>Spreading, open growth, gray trunk, conspicuous in winter and spring; free from insects.</td>
<td></td>
</tr>
<tr>
<td>Birch (Betula)</td>
<td>40'-100'</td>
<td>Graceful form; rapid growth; conspicuous trunk.</td>
<td>Good in groups or singly. Purple Birch and Weeping Birch especially good as specimens of moderate height.</td>
</tr>
<tr>
<td>Dogwood, Flowering (Cornus Florida)</td>
<td>15'-20'</td>
<td>Small tree with horizontal branches; clouds of white flowers in May; autumn coloring. Also pink-flowered form.</td>
<td>Effectively either as specimens or combined with evergreens. Good lawn specimen, especially on a residence; a tree for every lawn and woodland.</td>
</tr>
<tr>
<td>Elm (Ulmus)</td>
<td>80'-150'</td>
<td>Most striking of all large trees; any soil; fairly rapid growth.</td>
<td>Good for street planting, also for framing views or vistas. Chinese Elm is small sort, excellent for small grounds.</td>
</tr>
<tr>
<td>Flowering Cherry (Prunus)</td>
<td>20'-30'</td>
<td>One of the most beautiful of all flowering trees. Pink and white forms.</td>
<td>Specimens are especially effective near water or among evergreens.</td>
</tr>
<tr>
<td>Hawthorn (Crataegus)</td>
<td>6'-20'</td>
<td>Pink, white; red; a well formed small tree.</td>
<td>Fine as specimens or for backgrounds. Flowers in spring.</td>
</tr>
<tr>
<td>Horse chestnut (Aesculus)</td>
<td>130'-200'</td>
<td>Broad, spreading head; dense foliage; vigorous growth.</td>
<td>Excellent shade tree for fairly large areas; beautiful in flower.</td>
</tr>
<tr>
<td>Honey locust (Gleditsia)</td>
<td>80'-100'</td>
<td>Rapid grower, extremely hardy; withstands drought.</td>
<td>Quick results for hedges, screening, or fair shade.</td>
</tr>
<tr>
<td>Linden (Tilia)</td>
<td>80'-110'</td>
<td>Branching, open, small tree with conspicuous flowers.</td>
<td>Excellent as lawn specimen in somewhat protected position; white and pink forms.</td>
</tr>
<tr>
<td>Magnolia</td>
<td>30'-100'</td>
<td>Rapid growing; thrives in most soils; shade; good fall color.</td>
<td>Good quick shade tree, but some not long-lived. Norway Maple very desirable.</td>
</tr>
<tr>
<td>Maple (Acer)</td>
<td>50'-80'</td>
<td>Unique, irregular form; unusual foliage; rapid grower.</td>
<td>Good for street, planting or specimen.</td>
</tr>
<tr>
<td>Maidenhair Tree (Ginkgo)</td>
<td>50'-75'</td>
<td>Irregular, open, small tree; attractive foliage; wonderful show of red fruit in autumn and winter.</td>
<td>Small lawn specimen, or very attractive near evergreens.</td>
</tr>
<tr>
<td>Oak (Quercus)</td>
<td>175'-200'</td>
<td>Pyramidal or rounding with irregular horizontal branches; distinct character; fine autumn coloring; long-lived.</td>
<td>One of the most permanent street, shade or species trees; variety differs considerably; select carefully before planting.</td>
</tr>
<tr>
<td>Plan tree (Platanus)</td>
<td>30'-100'</td>
<td>Most graceful of all large trees; any soil; fairly rapid grower.</td>
<td>Very rapid growing tree, shade and specimen; among most satisfactory of all trees.</td>
</tr>
<tr>
<td>Popplar (Populus)</td>
<td>150'-200'</td>
<td>Broad, spreading form; attractive foliage; leaves shine, unusually in motion; not long-lived.</td>
<td>Most graceful temporary tree for quick results. Lombardy Poplar good for quick formal effect.</td>
</tr>
<tr>
<td>Redbud (Cercis)</td>
<td>20'-40'</td>
<td>Irregular; picturesque; conspicuous early blossoms.</td>
<td>Excellent specimen, especially in naturalistic setting.</td>
</tr>
<tr>
<td>Sassafras</td>
<td>25'-30'</td>
<td>Irregular, picturesque; ornamental with green bark in winter and golden in spring; excellent autumn color.</td>
<td>Specimens, groups or bank of shreddy border; much preferred American native tree; any soil.</td>
</tr>
<tr>
<td>Sweet Gum (Liquidambar)</td>
<td>20'-40'</td>
<td>Tree of medium size, beautiful foliage; old-fashioned barks in autumn.</td>
<td>Standard for street, shade or magnificent tree deserving wider use.</td>
</tr>
<tr>
<td>Tuliptree (Liriodendron tulipifera)</td>
<td>80'-110'</td>
<td>Pyramidal, dimg entering pyramid tree with attractive foliage and handsome autumn color.</td>
<td>One of the most easily grown and decorative of all.</td>
</tr>
</tbody>
</table>

#### TREES (Evergreen)

(Note: Remarks apply to species or types where there are dwarf forms, and toing shapes and colors in the catalog variations.)

<table>
<thead>
<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>CHARACTER</th>
<th>USES AND REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Firs (Abies)</td>
<td>40'-75'</td>
<td>Stiff pyramidal form; horizontal branches, smooth bark, upright cones.</td>
<td>Good for summer shade, but admitting winter sunshine.</td>
</tr>
<tr>
<td>Spruce (Picea)</td>
<td>40'-75'</td>
<td>Similar to Firs; somewhat more graceful; rough bark; cones pendulous; branches often curved gracefully.</td>
<td>Japanese effect; excellent background for rock garden.</td>
</tr>
<tr>
<td>Douglas Fir (Pseudotsuga douglasii)</td>
<td>50'-100'</td>
<td>Much more graceful than either of the above; bluish green foliage; young growth beautiful; vigorous, healthy growth.</td>
<td>Similar to Fir; somewhat more graceful; rough bark; cones pendulous; branches often curved gracefully.</td>
</tr>
<tr>
<td>Hemlock (Tsuga)</td>
<td>50'-125'</td>
<td>Most graceful of all evergreens; pendant branches, fine foliage; dark green, olivary beneath; retains gracefulness with age.</td>
<td>One of the most easily grown and decorative of all.</td>
</tr>
<tr>
<td>Pine (Pinus)</td>
<td>80'-120'</td>
<td>Bold trunk; horizontal branches; dimg and picturesque with age.</td>
<td>Avenue planting, specimen, windbreak; prefer moist, well-drained, acid soil, but not evergreen North. Foundation planting: specimens in sheltered locations; partial shade; very adaptable.</td>
</tr>
<tr>
<td>Larch (Larix)</td>
<td>30'-60'</td>
<td>Deciduous evergreen; very graceful; picturesque; hardy, rapid grower.</td>
<td>Ideal edging for Rhododendrons or evergreens.</td>
</tr>
<tr>
<td>Bald Cypress (Taxodium distichum)</td>
<td>50'-100'</td>
<td>Well branched; pyramidal form with extremely graceful, feather light green foliage; attractive cinnamon bark.</td>
<td>Specimen: hardy to Long Island, but not evergreen North. Foundation planting: shrubs and specimen shrubs.</td>
</tr>
<tr>
<td>Arborvitae (Thuja)</td>
<td>3'-20'</td>
<td>Pyramidal or globular habit; broad forked foliage; American varieties hardy. Orient hardy to N. Y.</td>
<td>One of the most easily grown and decorative.</td>
</tr>
<tr>
<td>Red Cedar (L. virginiana)</td>
<td>30'-50'</td>
<td>Pyramidal form; fairly rapid grow; extremely hardy; successful on fuchs, sandy soil.</td>
<td>Foundation planting, or for small spaces. Small gardens and foundation plantings; small individual specimens.</td>
</tr>
<tr>
<td>Yew (Taxus)</td>
<td>3'-8'</td>
<td>Dense upright or spreading growth; darkest foliage of all evergreens; attractive small red fruit; prostrate and upright.</td>
<td>Plants grown in normal or semi evergreen soil. Very hardy.</td>
</tr>
<tr>
<td>Hinoki Cypress (Chamaecyparis obtusa)</td>
<td>2'-20'</td>
<td>Extremely graceful; soft fesilt foliage.</td>
<td>Foundation planting: formal specimen; trim well.</td>
</tr>
<tr>
<td>Sawara Cypress (Chamaecyparis Sieboldii)</td>
<td>2'-20'</td>
<td>Many most beautiful pimg forms, especially Moss Cypress.</td>
<td>Very variety hardy.</td>
</tr>
<tr>
<td>Lawson's Cypress (Ch. Lawsoniana)</td>
<td>20'-40'</td>
<td>Dense habit; distinct, fesilt foliage.</td>
<td>Excellent edging for Rhododendrons or evergreens; usable for any situation.</td>
</tr>
<tr>
<td>Cryptomeria (C. japonica)</td>
<td>15'-30'</td>
<td>Irregular habit; deep green foliage; handsome in winter.</td>
<td>Excellent edging for Rhododendrons or evergreens; usable for any situation.</td>
</tr>
</tbody>
</table>

#### SHRUBS (Evergreen)

<table>
<thead>
<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>CHARACTER</th>
<th>USES AND REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abelia, Glossy (A. grandiflora)</td>
<td>5'-8'</td>
<td>Beautiful, smooth, glossy foliage; pinkish white Arbutus-like flowers, June-November.</td>
<td>Not for use in foundation planting, borders or sculptures; very hardy.</td>
</tr>
<tr>
<td>Azalea (varieties)</td>
<td>3'-6'</td>
<td>Extreme density, thick growth; small shiny foliage; dense well.</td>
<td>Not for use in foundation planting, borders or sculptures; very hardy.</td>
</tr>
<tr>
<td>Box (Buxus)</td>
<td>1'-12'</td>
<td>Upright or trailing; dense, irregular, bushy growth.</td>
<td>Not for use in foundation planting, borders or sculptures; very hardy.</td>
</tr>
<tr>
<td>Cotoneaster</td>
<td>2'-6'</td>
<td>Beautiful fragrant pink flowers more or less throughout season.</td>
<td>Not for use in foundation planting, borders or sculptures; very hardy.</td>
</tr>
<tr>
<td>Daphne (D. emersonii) (Rose D.)</td>
<td>18'</td>
<td>Bushy or tree-like growth; occasionally to 30'; scarlet berries on male plant.</td>
<td>Not for use in foundation planting, borders or sculptures; very hardy.</td>
</tr>
<tr>
<td>Evergreen Burning bush (Euphorbus japonica)</td>
<td>4'-6'</td>
<td>Beautiful fragrant pink flowers more or less throughout season.</td>
<td>Not for use in foundation planting, borders or sculptures; very hardy.</td>
</tr>
<tr>
<td>Holly, American (Ilex opaca)</td>
<td>15'-20'</td>
<td>Bushy or tree-like growth; occasionally to 30'; scarlet berries on male plant.</td>
<td>Foundation ground, rock garden; hardy but not easy to grow.</td>
</tr>
<tr>
<td>Inkberry (Ilex glabra)</td>
<td>4'-6'</td>
<td>Nervous, bright, shiny leaves, white flowers, ink-black fruit.</td>
<td>Foundation ground, rock garden; hardy but not easy to grow.</td>
</tr>
<tr>
<td>Japanese Holly (I. crenata)</td>
<td>3'-5'</td>
<td>Glossing foliage, small leaves; forms dense bush.</td>
<td>Foundation ground, rock garden; hardy but not easy to grow.</td>
</tr>
<tr>
<td>Loquats (Diospyros) (L. catesba)</td>
<td>6'</td>
<td>Pendulate creamy white blossoms and pointed leaves in long drooping sprays, coloring beautifully in autumn.</td>
<td>Foundation ground, rock garden; hardy but not easy to grow.</td>
</tr>
</tbody>
</table>
### SHRUBS (Evergreen) (continued)

<table>
<thead>
<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>CHARACTER</th>
<th>USES AND REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lincolnia (Oregon Holly)</td>
<td>3-4'</td>
<td>Heavy, shiny, glossy leaves; conspicuous fruit.</td>
<td>Good in border or foundation; sheltered from wind or hot sun.</td>
</tr>
<tr>
<td>Tamarisk</td>
<td>5-10'</td>
<td>Foliage</td>
<td>Excellent in shrub border; also for foundation; sun or shade; ample, acid soil.</td>
</tr>
<tr>
<td>Pachysandra (Japan Maple)</td>
<td>6-9'</td>
<td>Foliage</td>
<td>Most satisfactory evergreen ground cover for difficult study areas, and where nothing else will grow.</td>
</tr>
<tr>
<td>Port (Mountain Andromeda)</td>
<td>5-6'</td>
<td>Beautiful, ovate, toothed dark green leaves, making ideal background for ground cover of sprays of tiny, white bell-shaped flowers in early spring.</td>
<td>With evergreens in border or in foundation planting; or under large evergreens.</td>
</tr>
<tr>
<td>Rhododendron</td>
<td>4-12'</td>
<td>Foliage</td>
<td>Among the finest of all broad-leaved evergreen shrubs. See catalog.</td>
</tr>
</tbody>
</table>

### VINES

<table>
<thead>
<tr>
<th>NAME</th>
<th>COLOR</th>
<th>CHARACTER</th>
<th>CULTURE AND USE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cardinal Climber (Pamela gunnandia hybrids)</td>
<td>Brilliant scarlet</td>
<td>Deeply rippled foliage; covered with bloom; tender; prefers warm, sunny soil.</td>
<td>Rapid grower for trellis and urban; very striking; fair shade. Good shade or dense screen; may be started early, or plant outside with Lima beans.</td>
</tr>
<tr>
<td>Hyacinth Bean (Hedera helix)</td>
<td>White, red</td>
<td>Quick, vigorous, rank grower; distinctly variegated and white blotched green leaves; small green flowers. Large flowers; delicate colors; 25'</td>
<td>Excellent for covering unsightly objects or rough corner. Gates, trellises. Start indoors for early results; carry over bloom year-round. Late bloom type best for Northern States. Excellent porch vine; best started under glass; may be started early.</td>
</tr>
<tr>
<td>Japanese Hop (Humulus lupulus)</td>
<td>Various</td>
<td>Foliage</td>
<td>Excellent for covering unsightly objects or rough corner. Gates, trellises. Start indoors for early results; carry over bloom year-round. Late bloom type best for Northern States. Excellent porch vine; best started under glass; may be started early.</td>
</tr>
<tr>
<td>Moonflower (Calystegia sachalinensis)</td>
<td>Blue, white, pink</td>
<td>Very ornamental grower with large purple flowers; 15'</td>
<td>Excellent for covering unsightly objects or rough corner. Gates, trellises. Start indoors for early results; carry over bloom year-round. Late bloom type best for Northern States. Excellent porch vine; best started under glass; may be started early.</td>
</tr>
<tr>
<td>Purplebush (Celastrus)</td>
<td>Pink</td>
<td>Quick growing; vigorous; will grow anywhere; climbs trellis or arbor; makes good screen or cover.</td>
<td>Excellent for covering unsightly objects or rough corner. Gates, trellises. Start indoors for early results; carry over bloom year-round. Late bloom type best for Northern States. Excellent porch vine; best started under glass; may be started early.</td>
</tr>
<tr>
<td>Morning-glory (Ipomoea purpurea)</td>
<td>Blue, purple</td>
<td>Quick growing to 15'; several types; stands dry weather; blooms freely.</td>
<td>Excellent for covering unsightly objects or rough corner. Gates, trellises. Start indoors for early results; carry over bloom year-round. Late bloom type best for Northern States. Excellent porch vine; best started under glass; may be started early.</td>
</tr>
<tr>
<td>Scarlet Runner (Passiflora caerulea)</td>
<td>Brilliant scarlet</td>
<td>Foliage</td>
<td>Gamely native vine, unique fruit carried into winter. Good shade or dense screen; may be started early, or plant outside with Lima beans.</td>
</tr>
<tr>
<td>Japanese Spurge (Euonymus japonicus)</td>
<td>Orange-red berries</td>
<td>Foliage</td>
<td>One of the finest climbers for trellis, summer-house, etc. Good shade or dense screen; may be started early, or plant outside with Lima beans.</td>
</tr>
<tr>
<td>Clematis</td>
<td>Various</td>
<td>Foliage</td>
<td>One of the finest climbers for trellis, summer-house, etc. Good shade or dense screen; may be started early, or plant outside with Lima beans.</td>
</tr>
<tr>
<td>Dutchman's Pipe (Aristolochia sempervirens)</td>
<td>Light green foliage</td>
<td>Foliage</td>
<td>One of the finest climbers for trellis, summer-house, etc. Good shade or dense screen; may be started early, or plant outside with Lima beans.</td>
</tr>
<tr>
<td>English Ivy (Hedera helix)</td>
<td>Green foliage</td>
<td>Foliage</td>
<td>One of the finest climbers for trellis, summer-house, etc. Good shade or dense screen; may be started early, or plant outside with Lima beans.</td>
</tr>
<tr>
<td>Honeysuckle (Lonicera)</td>
<td>White, red</td>
<td>Foliage</td>
<td>One of the finest climbers for trellis, summer-house, etc. Good shade or dense screen; may be started early, or plant outside with Lima beans.</td>
</tr>
<tr>
<td>Trumpet Creeper (Humulus radicans)</td>
<td>Orange-scarlet</td>
<td>Foliage</td>
<td>One of the finest climbers for trellis, summer-house, etc. Good shade or dense screen; may be started early, or plant outside with Lima beans.</td>
</tr>
<tr>
<td>Winter creeper (Euphorbia radicans)</td>
<td>Dark green foliage</td>
<td>Foliage</td>
<td>One of the finest climbers for trellis, summer-house, etc. Good shade or dense screen; may be started early, or plant outside with Lima beans.</td>
</tr>
<tr>
<td>Wisteria</td>
<td>White-lavender, pink</td>
<td>Foliage</td>
<td>One of the finest climbers for trellis, summer-house, etc. Good shade or dense screen; may be started early, or plant outside with Lima beans.</td>
</tr>
</tbody>
</table>

### PLANT MATERIAL FOR VARIOUS PURPOSES

#### FOUNDATION PLANTING

<table>
<thead>
<tr>
<th>EVERGREEN TREES</th>
<th>EVERGREEN SHRUBS</th>
<th>SHRUBS</th>
<th>PERENNIALS</th>
<th>BULBS &amp; ANNUALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pfitzer Juniper</td>
<td>Rhododendron Hybrids</td>
<td>Gladiola</td>
<td>Forna (var.)</td>
<td>Tulips</td>
</tr>
<tr>
<td>Koster Redwood</td>
<td>Mountain Laurel</td>
<td>Shrub Azalea</td>
<td>Daylily (Hemerocallis)</td>
<td>Nasturtium</td>
</tr>
<tr>
<td>Savin Juniper</td>
<td>Drooping Excelsior</td>
<td>Sunflower</td>
<td>Snapdragon</td>
<td>Nasturtium species</td>
</tr>
<tr>
<td>Juniper (various)</td>
<td>Ilex (Ilex aquifolium)</td>
<td>Cape Gooseberry</td>
<td>Saxifrage</td>
<td>Begonia, tuberosa</td>
</tr>
<tr>
<td>Vews (various)</td>
<td>Firethorn (Pernettya)</td>
<td>Honeysuckle</td>
<td>Viola</td>
<td>Oncidium</td>
</tr>
<tr>
<td>Chamaecyparis (various)</td>
<td>Mahonia (Oregon Holly)</td>
<td>Flowering Almond</td>
<td>Hollyhocks</td>
<td>Summer Hyacinth</td>
</tr>
<tr>
<td>Dwarf Mugho Pine</td>
<td>Cotoneaster</td>
<td>Perfume Lilac</td>
<td>Delphinium</td>
<td>Petunia</td>
</tr>
<tr>
<td>Dwarf Juniper</td>
<td>Japanese Spurge</td>
<td>Liriope</td>
<td>Dendranthema</td>
<td>Sweet Alyssum</td>
</tr>
</tbody>
</table>

#### WINDBREAKS AND SCREENS

<table>
<thead>
<tr>
<th>EVERGREEN TREES</th>
<th>DECIDUOUS TREES</th>
<th>SHRUBS &amp; VINES</th>
<th>PERENNIALS</th>
<th>BULBS &amp; ANNUALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada Hemlock</td>
<td>Poplar, Lombardy</td>
<td>Privet (various)</td>
<td>Buxus</td>
<td>Rhus vernalis</td>
</tr>
<tr>
<td>Norway Spruce</td>
<td>Willow (various)</td>
<td>Osage Orange</td>
<td>Hollyhock</td>
<td>Sunflowers</td>
</tr>
<tr>
<td>White Spruce</td>
<td>Lilac</td>
<td>Jap. Snowball</td>
<td>Delphinium</td>
<td>Cosmos</td>
</tr>
<tr>
<td>Douglas Fir</td>
<td>Gray Birch</td>
<td>Althea</td>
<td>Forsythia</td>
<td>Cannas</td>
</tr>
<tr>
<td>White Pine</td>
<td>Honey Locust</td>
<td>Forsythia</td>
<td>Honeysuckle</td>
<td>Dahlia</td>
</tr>
<tr>
<td>Scotch Pine</td>
<td>Amer. Hornbeam</td>
<td>Honeysuckle</td>
<td>Marshmallow</td>
<td>Japanese Hop</td>
</tr>
<tr>
<td>Amer. Arborvitae</td>
<td>Carolina Backthorn</td>
<td>Jap. Euphorbia</td>
<td>Rudbeckia</td>
<td>Scarlet Runner (and others)</td>
</tr>
<tr>
<td>Redcedar</td>
<td>Box Elder</td>
<td>Deganthus</td>
<td>Scarlet runner</td>
<td>(and others)</td>
</tr>
<tr>
<td>Chinese Juniper</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### House & Garden's Gardening Guide

#### PLANT MATERIAL FOR VARIOUS PURPOSES (continued)

##### HEDGES

<table>
<thead>
<tr>
<th>EVERGREEN TREES</th>
<th>EVERGREEN SHRUBS</th>
<th>SHRUBS</th>
<th>PERENNIALS</th>
<th>ANNUALS &amp; BULBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada Hemlock</td>
<td>Privet (various)</td>
<td>Jap. Barberry</td>
<td>Hollyhock</td>
<td>Kochia</td>
</tr>
<tr>
<td>Russian Arborvitae</td>
<td>Jap. Barberry (low)</td>
<td>Wilson Barberry</td>
<td>Bocconia</td>
<td>Nasturtium</td>
</tr>
<tr>
<td>American Arborvitae</td>
<td>Hawthorn</td>
<td>Delphinium</td>
<td>Deutzia</td>
<td>Squillatinum</td>
</tr>
<tr>
<td>Thuja Japanese Yew</td>
<td>Thymes (various)</td>
<td>Jap. Quince</td>
<td>Daphne</td>
<td>Celosia</td>
</tr>
<tr>
<td>English Yew</td>
<td>Japanese Spurge</td>
<td>Snow Rose</td>
<td>Astilbe</td>
<td>Cypressis</td>
</tr>
<tr>
<td>Surrounding English Yew</td>
<td>Spirea</td>
<td>Skimmia</td>
<td>Cynanchnum</td>
<td>Eucalyptus</td>
</tr>
</tbody>
</table>

##### EDGING

<table>
<thead>
<tr>
<th>Rhododendron (var.)</th>
<th>Forsythia</th>
<th>Fuchsia, Vanhoutte</th>
<th>Hollyhock</th>
<th>Ageratum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mountain Laurel</td>
<td>Rockcress</td>
<td>Fortune Spirea</td>
<td>Aconitum</td>
<td>Alyssum</td>
</tr>
<tr>
<td>Carolina Kalmia</td>
<td>Russian Olive</td>
<td>Spires</td>
<td>Anemone, Ipomoea</td>
<td>Aprium</td>
</tr>
<tr>
<td>Abelia</td>
<td>Flowering Almond</td>
<td>Japanese Spurge</td>
<td>Anemon, Jap.</td>
<td>Astilbe</td>
</tr>
<tr>
<td>Cotoneaster</td>
<td>Spirea</td>
<td>Japanese Iris</td>
<td>Aspen, Taxus</td>
<td>Astra</td>
</tr>
<tr>
<td>Holly (dwarf)</td>
<td>Kewaria</td>
<td>Japanese Iris</td>
<td>Larkspur</td>
<td>Astilbe</td>
</tr>
<tr>
<td>Shiny Wintergreen</td>
<td>Viburnum (var.)</td>
<td>Japanese Iris</td>
<td>Larkspur</td>
<td>Astilbe</td>
</tr>
<tr>
<td>Andromeda (var.)</td>
<td>Weigela</td>
<td>Japanese Iris</td>
<td>Larkspur</td>
<td>Astilbe</td>
</tr>
<tr>
<td>Privet Honeycomb (plian)</td>
<td>Andras</td>
<td>Japanese Iris</td>
<td>Larkspur</td>
<td>Astilbe</td>
</tr>
</tbody>
</table>

##### BORDERS

<table>
<thead>
<tr>
<th>Eupenlaim Spireae</th>
<th>Hollyhock</th>
<th>Marshmallow</th>
<th>Astilbe</th>
<th>Larkspur</th>
</tr>
</thead>
<tbody>
<tr>
<td>Redecar</td>
<td>Deibolinum (esp. Hollyhock)</td>
<td>Freesia</td>
<td>Larkspur</td>
<td>Larkspur</td>
</tr>
<tr>
<td>Chinese Juniper</td>
<td>Freesia</td>
<td>Freesia</td>
<td>Greek</td>
<td>Larkspur</td>
</tr>
<tr>
<td>Arborvitae</td>
<td>Freesia</td>
<td>Freesia</td>
<td>Grapes</td>
<td>Larkspur</td>
</tr>
<tr>
<td>Privet</td>
<td>Freesia</td>
<td>Freesia</td>
<td>Grapes</td>
<td>Larkspur</td>
</tr>
<tr>
<td>Koster Redecar</td>
<td>Freesia</td>
<td>Freesia</td>
<td>Grapes</td>
<td>Larkspur</td>
</tr>
<tr>
<td>Juniper</td>
<td>Freesia</td>
<td>Freesia</td>
<td>Grapes</td>
<td>Larkspur</td>
</tr>
<tr>
<td>Deer (var.)</td>
<td>Freesia</td>
<td>Freesia</td>
<td>Grapes</td>
<td>Larkspur</td>
</tr>
</tbody>
</table>

##### GROUNDS

<table>
<thead>
<tr>
<th>Sargent Weeping Hemlock</th>
<th>Acanthus</th>
<th>Anemone, Jap.</th>
<th>Alyssum</th>
<th>Alyssum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lawson Cypres</td>
<td>Magnolia</td>
<td>Aconitum (esp. Spartus and Wilson’s)</td>
<td>Alyssum</td>
<td>Alyssum</td>
</tr>
<tr>
<td>Lobly Cypres</td>
<td>Magnolia</td>
<td>Berenicia</td>
<td>Alyssum</td>
<td>Alyssum</td>
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<tr>
<td>Tall-graing evergreens and</td>
<td>Magnolia</td>
<td>Berenicia</td>
<td>Alyssum</td>
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<tr>
<td>weeping &quot;forms&quot; in general</td>
<td>Magnolia</td>
<td>Berenicia</td>
<td>Alyssum</td>
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##### DEciduous TREES

<table>
<thead>
<tr>
<th>PURSLI Beech</th>
<th>Azalea</th>
<th>Prunias</th>
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<tr>
<td>Weeping Beech</td>
<td>Magnolia</td>
<td>Acanthus</td>
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<tr>
<td>Catull Beech</td>
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<tr>
<td>Weeping Mulberry</td>
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<tr>
<td>Babylon Willow</td>
<td>Magnolia</td>
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<td>Acanthus</td>
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<tr>
<td>Dogwood (Cornus florida)</td>
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<td>Acanthus</td>
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</tr>
<tr>
<td>English Hawthocks</td>
<td>Magnolia</td>
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<td>Acanthus</td>
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</tr>
<tr>
<td>Holly (var.)</td>
<td>Magnolia</td>
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<td>Acanthus</td>
<td>Acanthus</td>
</tr>
<tr>
<td>Redbud</td>
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##### Deciduous Shrubs

<table>
<thead>
<tr>
<th>Amaryllis, (various)</th>
<th>Candytuft (Veronica)</th>
<th>Delphinium</th>
<th>Dianthus</th>
<th>Tulip</th>
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<tbody>
<tr>
<td>Amaryllis, (various)</td>
<td>Candytuft (Veronica)</td>
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<td>Dianthus</td>
<td>Tulip</td>
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<td>Tulip</td>
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##### SPECIMEN

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<th>Anemone, Jap.</th>
<th>Acanthus</th>
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##### ANNUALS & BULBS

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##### ROCK GARDENS

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<td>Dwarf Snow Pine</td>
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<tr>
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<td>Arborvitae (var.)</td>
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### Additional Notes

- "(esp. pendant or "weeping" forms)"
- "(especially pendant or "weeping" forms in general"
- "(in front of large varieties)"
- "(var.)"
### EVERGREENS

<table>
<thead>
<tr>
<th>Sargent Juniper</th>
<th>SquamaUi Juniper</th>
<th>Waukegan Juniper</th>
<th>Charmecyparis</th>
<th>Globe .Arborvitic</th>
<th>Greek Juniper</th>
<th>Umbrella Pine</th>
<th>Black Alder</th>
<th>Winterberry (flos)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DECIDUOUS TREES &amp; SHRUBS</strong></td>
<td><strong>EVERGREENS</strong></td>
<td><strong>PERENNIALS</strong></td>
<td><strong>ANNUALS &amp; BULBS</strong></td>
<td><strong>WATER PLANTS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Willow</td>
<td>Sour Gum (Tigloa)</td>
<td>Waterbox (Globosa)</td>
<td>Swamp Maple</td>
<td>Swamp White Oak</td>
<td>Red Birch</td>
<td>Buttonbush</td>
<td>Summersweet (Sweetpepper)</td>
<td>Blueberry</td>
</tr>
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<td>Winterberry (flos)</td>
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### TALL

<table>
<thead>
<tr>
<th>Suire</th>
<th>Douglas Fir</th>
<th>Pine</th>
<th>Bald Cypress</th>
<th>Cedar of Lebanon</th>
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<tbody>
<tr>
<td><strong>EVERGREENS</strong></td>
<td><strong>DECIDUOUS TREES</strong></td>
<td><strong>SHRUBS</strong></td>
<td><strong>PERENNIALS</strong></td>
<td><strong>ANNUALS &amp; BULBS</strong></td>
</tr>
<tr>
<td>Juniper, spreading forms</td>
<td>Flowering Dogwood</td>
<td>Chinese Redbud</td>
<td>American Elm</td>
<td>Acer</td>
</tr>
<tr>
<td>Vews, spreading forms</td>
<td>Chinese Redbud</td>
<td>European Plane Tree</td>
<td>Cherry (var.)</td>
<td>Aml</td>
</tr>
<tr>
<td>Holly</td>
<td>Drooping Leucothoe</td>
<td>Pygmy Spruce (Also see Rock Garden list)</td>
<td></td>
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</table>

### LOW-GROWING

<table>
<thead>
<tr>
<th>Japanese Maple</th>
<th>Birch</th>
<th>Amer, Redbud</th>
<th>Lombardy Poplar</th>
<th>European Plane Tree</th>
<th>Honeylocust</th>
<th>Ilex</th>
<th>Mountain Ash</th>
<th>Magnolia</th>
<th>Pin Oak</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EVERGREENS</strong></td>
<td><strong>DECIDUOUS TREES</strong></td>
<td><strong>PERENNIALS</strong></td>
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<td>Magnolia</td>
<td>Pin Oak</td>
</tr>
</tbody>
</table>

### FORMAL TYPE

<table>
<thead>
<tr>
<th>Column Chinese Juniper</th>
<th>Italian Cypress</th>
<th>Irish Yew</th>
<th>Swedish Juniper</th>
<th>Hill Dewdrop Juniper</th>
<th>Sunny Greek Juniper</th>
<th>Globe Arborvitae</th>
<th>and other dwarf horticultural forms of smaller evergreens</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EVERGREENS</strong></td>
<td><strong>EVERGREEN SHRUBS</strong></td>
<td><strong>TREES &amp; SHRUBS</strong></td>
<td><strong>PERENNIALS</strong></td>
<td><strong>ANNUALS &amp; BULBS</strong></td>
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<td>Sunny Greek Juniper</td>
<td>Globe Arborvitae</td>
<td>and other dwarf horticultural forms of smaller evergreens</td>
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### INFORMAL TYPE

<table>
<thead>
<tr>
<th>Redcedar</th>
<th>Arborvitae</th>
<th>Chinese Juniper</th>
<th>Pittier Juniper</th>
<th>Chamaecyparis</th>
<th>Most of the large-growing evergreens—Firs, Spruces, Hemlocks, Pines, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EVERGREENS</strong></td>
<td><strong>ANNUALS &amp; BULBS</strong></td>
<td></td>
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### PICTURESQUE TYPE

<table>
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### ACCORDING TO CHARACTER

<table>
<thead>
<tr>
<th>House &amp; Garden’s Gardening Guide</th>
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### SWAMP, BOG, AND WINTER GARDENS

<table>
<thead>
<tr>
<th>Willow</th>
<th>Sour Gum (Tigloa)</th>
<th>Waterbox (Globosa)</th>
<th>Swamp Maple</th>
<th>Swamp White Oak</th>
<th>Red Birch</th>
<th>Buttonbush</th>
<th>Summersweet (Sweetpepper)</th>
<th>Blueberry</th>
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<td><strong>DECIDUOUS TREES &amp; SHRUBS</strong></td>
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### MEDIUM HEIGHT

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<thead>
<tr>
<th>Redcedar</th>
<th>Chinese Juniper</th>
<th>Arborvitae</th>
<th>Chamaecyparis</th>
<th>Yew, upright forms</th>
<th>Holly</th>
<th>Rhododendron</th>
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</thead>
<tbody>
<tr>
<td><strong>EVERGREENS</strong></td>
<td><strong>DECIDUOUS TREES</strong></td>
<td><strong>SHRUBS</strong></td>
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### LOW-GROWING

<table>
<thead>
<tr>
<th>Flowering Dogwood</th>
<th>Chinese Redbud</th>
<th>European Plane Tree</th>
<th>Honeylocust</th>
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<td>Magnolia</td>
<td>Pin Oak</td>
</tr>
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### FORMAL TYPE

<table>
<thead>
<tr>
<th>Box (tree)</th>
<th>Box (dwarf)</th>
<th>Barberry, Japonica</th>
<th>Barberry, (var.)</th>
<th>Beech</th>
<th>Ceanothus</th>
<th>Delphinium</th>
<th>Fuchsia</th>
<th>Forsythia (var.)</th>
<th>Mockernut (var.)</th>
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<td><strong>PERENNIALS</strong></td>
<td><strong>ANNUALS &amp; BULBS</strong></td>
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### PLANT MATERIAL FOR VARIOUS PURPOSES (continued)
While this guest house enjoys the environment and luxuriant foliage of Southern California, it is capable of interpretation in other sections and would prove a desirable home for many a small family. The plan is almost balanced—the kitchen and living room in one side, the master's bedroom, dressing alcove and bath on the other, with two bedrooms and bath between and a narrow front hall giving access to all the rooms. Cement or stucco walls over some form of block or a hollow tile base would afford permanence. It is on the ranch of Donald Dickey at Ojai. Palmer Subrin, architect.

This California Guest House

Has A Small Family Plan
On this and the four succeeding pages are found views of the home of Albert M. Swank, at Johnstown, Pa., a successful transplantation of the Normandy farmhouse type to a rolling hillside. The flower garden lies on a terrace beside the house. Frank J. Forster was architect.

Normandy Transplanted To Pennsylvania
Local stone laid up with generous mortar joints and then whitewashed furnishes the walls of this house. Its quoin stones were cut from the stone railroad ties of the old Portage Railroad that ran through the Alleghanies. On the roof of the main house are hand-made shingle tiles.

The plans show a rambling succession of rooms. The porch and living room at one end, a house-depth hallway, then the dining room with its kitchen and pantry behind and the other service rooms. A narrow loggia runs between the dining-room and garage and opens on the garden.

**A Rambling House And Its Long Plan**
At one end rears the massive living room chimney, and the broken, sagged roof line is further accented by two others—the kitchen's and the garage's. In the rounded tower are the stairs. The archway in the middle section is the service entrance. Beyond that lies the garage.

Over the living room and porch are a bed chamber, sitting room, closets and bath, forming the master's suite. Another bedroom and bath are across the hall. Then comes a storage gallery opening on the chauffeur's quarters. Practically all windows on this floor are in dormers.

Set In The Fold of A Gentle Hill
All of the exterior and interior timbering of this house, including window frames and trim, were made from old oak timber salvaged from ancient barns. For the most part a rough-cast plaster tinted varying shades of light brown was used for wall finish. This serves as a sturdy, neutral background for the furniture, which is a mixture of French provincial pieces and antiques of the locality. In the living and dining rooms the wide window sills have been tiled and hold potted plants. Casement windows add picturesque atmosphere. Planting on the property and the various decorative garden accessories complement the rural French architectural treatment and lend a desirable semblance of age and romance.

The Picturesque Quality

Of Norman Architecture
The pronounced feature of this house is the succession of terraces following the slope of the land and ranging down one entire side. First comes the level of the porch and its open platform, then by semi-circular steps to a grassy level, thence down another short flight to the garden where flowers are massed in colorful disorder both against the retaining wall and the house. For background this garden has the narrow cloister shown on page 77. The little oriel window lights the stairs hall. From this garden one passes between the stone pillars and down another flight to the cobbled dog yard on page 109, so called because the little tower building in the corner is the dog kennel and also a dove-cote.

Paved Terraces Create A
Garden With Many Levels
(Above) Light colors and many potted plants add to the cheerful effect of this breakfast room. The walls are cream yellow, curtains are lemon yellow with red bindings and the floor is made up of green-blue tiles. Powers & Hoyle were the decorators.

(Left) Because this room opens into a colorful French provincial dining room with scenic walls, the simple background was painted white for contrast. Furniture pieces are Early American and French provincial. Diane Tate & Marian Hall were the decorators.

To give an effect of outdoors, the walls of a breakfast room in a country house were painted in landscape scenes above a painted balustrade—a treatment that brings color and makes the room appear much larger. Hanley Henoch, artist; Thedlow, decorators.

Places Where You Can Breakfast In The Sun
This typical Cape Cod cottage of silver gray shingles with white trim is over two hundred years old and originally consisted of three rooms. It was taken apart, moved eighteen miles and set up in its present location at Bass River, Cape Cod, Mass. Three wings have been added, the bedroom wing at the right, the porch at the left and the kitchen wing at the rear. The home of Miss Florence Hardee. Charles Baker, architect. The interiors appear on the next two pages.

An 18th Century Cape Cod Cottage Remodeled For Comfort
The interiors of the Cape Cod cottage shown on the previous page combine Early American charm with modern comfort. (Above, left) A dressing table built into a closet to save space. (Above) The master’s bedroom with red and cream wallpaper, antique maple furniture, hooked rugs and a green floor spattered in red, black and light green. (Left) The hall, with original paneling and door to enclosed stairs. (Below) A modern dressing table in glazed chintz. Helen Irwin, decorator.
Above and below are views of a sitting room with the original dado and paneling. This is painted ivory and combined with a reproduction of an old wall paper in greens and salmon; the floor is bottle green spattered with green, yellow and ivory. (Right) A combination living and dining room has the original paneling and hand-hewn beams. Wall paper is gray with green, blue, and orange motifs and the floor is tan sputtered in green, blue, orange and black. Helen Irwin, decorator.

Gay Furnishings After
The Cottage Manner
How To Make Shades

Directions For Parchment

Silk And Pleated Types

LAMP shades are not so difficult to make as is often supposed, although the process does require great patience, extreme care and strict conformity with instructions. Few materials other than ordinary domestic articles are needed to make shades of parchmentized paper—that is, paper that has been treated to resemble parchment. With a little searching, most housewives can produce wrapping paper, a yard stick or ruler, pencil, scissors, a nail, string, needle and thread, a small bowl, sponge, glue and a piece of cheesecloth. All that one must buy are a few tubes of artist’s colors, some turpentine, Japan dryer, a brush, passe-partout, parchmentized paper and, of course, the wire frame.

The following directions, if carefully followed, will produce an excellent lamp shade, of the circular variety, 9 inches in diameter at the top, 18 inches in diameter at the bottom, and 10 inches high. The frame for this type of shade has no side supports, but merely two

The Parchment Shade

The parchment lamp shade is the easiest type to make and can be readily accomplished if the instructions contained in the accompanying article are accurately followed. Practical sketches on this and the opposite page show the various stages. The first step is to acquire wrapping paper, parchment paper and the wire frame. Then draw the pattern on the wrapping paper as explained in the text and shown in the diagram above, using a nail and a piece of string with a pencil attached as an improvised compass. Next, carefully cut the parchment shade from this paper pattern and sew it lightly to the frame as shown above. The shade is then firmly attached with passe-partout paper, softly tinted inside, using a piece of cheesecloth for this process, and finally shellacked outside as illustrated in the drawings on the opposite page.
metal hoops, in the center of the smaller of which is fastened a washer, a bulb clamp, or a threaded band for the purpose of attaching the shade to the lamp.

Before purchasing the parchment paper, a pattern should be made, as follows: On a large sheet of wrapping paper draw a straight horizontal line 9 inches long. Through the exact center of this draw a perpendicular line extending some little distance above, and to a point 10 inches below the 9-inch line. Through the lower end of this perpendicular—that is, 10 inches below the 9-inch line—draw a line parallel to the 9-inch line and extending 9 inches on both sides of the perpendicular. We now have two lines parallel and 10 inches apart, one of them 9 inches long and the other 18 inches long; and a third line perpendicular to the other two at their center.

Let us call the ends of the 18-inch line $A$ and $a$, and the ends of the 9-inch line $B$ and $b$. If we draw a straight line through $A$ and $B$ and another straight line through $a$ and $b$, and extend these two lines above the 9-inch line, they will intersect each other and the perpendicular in a single point, which we will call $P$.

Through this point $P$ stick a small nail to which is tied one end of a piece of string, in the other end of which is looped a pencil. Adjust the length of the string so that the point of the pencil just touches the point $A$. With the crude compass thus formed, about $P$ as a center, draw a long curved line beginning at $A$, passing through $a$, and extending beyond $a$ for some distance. Then shorten (Continued on page 124)

Some New Lamp Shades

Above is an old game in a new setting. The quoit table has ten pegs numbered 1 to 100. The long peg nets you 300 if you ring it. All games on this page are shown by courtesy of Abercrombie & Fitch.

(Above) "African Skittles"—a new ten-pin game consisting of eight skittles, eight dice and two balls. The balls are rolled, as in ten-pins. As the dice are dislodged they are counted for the bowler, the highest number winning.

(Right) "Atlantic Derby"—an exciting horse race game popular on ocean liners. A track is laid out, dice are thrown, the horses with numbers corresponding to numbers on the dice moving forward until one crosses the winning line.

(Left) Archery poker set consisting of stand, target, bow and twelve arrows. The target is divided into fifty-two spaces, each space representing one of the cards of a poker deck. The bull's eye is the joker wild. Try shooting for a straight flush.

An English croquet set for the serious player. There are six wickets in the English game but the additional three may be ordered if you prefer to play the easier American version. The four mallets have three-foot whipcord-bound octagonal handles.

Games To Play In Gardens
(Above) Illuminated chess table with glass top in black and white squares. By a unique lighting device, the white squares may be changed to red or green. The men are made of black glass and crystal. From Abercrombie & Fitch

(Above) Combination golf and poker are played on this felt rug marked off to represent the fifty-two playing cards. The object is to putt the ball on the rug for a high poker hand. Abercrombie & Fitch

The contract score is always visible on this card table with sunken section covered by glass. A spring releases pad which slides smoothly to the edge. Black metal frame; green table top. Arden Studios

(Above) If you like games of chance, you will appreciate Crown and Anchor, an exciting gambling game with some elements of roulette. The diagram is on a cover which fits a standard card table. Macy's

Sports For Indoor Hours
**The Gardener's Calendar For March**

This Calendar of the gardener's labors is planned as a reminder for taking up all his tasks in their proper seasons. It is fitted to the climate of the Middle States, but may be made available for the whole country if, for every one hundred miles north or south, allowance in months for a difference of

**SUNDAY** | **MONDAY** | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **SATURDAY**
---|---|---|---|---|---

### The Priceless Bloon of Privacy

In every garden there must be, wherever there may be, foundation, quiet retreats for rest, and contemplation, made out. Our garden should be our Jerusalem, "the vision and poss-..."

---

**Old Doc Lemmon Was Saying Just The Other Day—**

"Well, sir, spring's a-comm—today I knowed it for sure, without lookin' at no calendar or even figgerin' how much earlier the sun ris'n than it did a month ago. I knowed it by the surest sign of all, that one ain't failed once in all the seventy year I've been noticing things here in Catawba County. For this moon-time to the barn to water the stock, I seed the old barn-bach scale circles over the hill woodsmen, sowe..."
ENJOY PEA SOUP
AS BLENDED BY CAMPBELL'S FAMOUS CHEFS

CHARM with utility! Delicacy with strength! Daintiness of flavor with exceptional nutritive value! Good pea soup...the best pea soup...Campbell's Pea Soup...offers this union of seeming opposites. Allure for your taste. Real food for your appetite.

This is unmistakably evidenced by the high favor in which Campbell's Pea Soup is held both for the formal occasion and the general family menu...In both roles it is a stellar performer.

The daintiest and sweetest of peas are here blended with rich butter and seasoned with the verve of the master into as tempting a soup as ever graced your cups...When you preside as hostess or direct as home-manager, Campbell's Pea Soup is an appreciated aid. 12 cents a can.

YOUR CHOICE
Order any of these Campbell's Soups from your grocer
Asparagus
Bean
Beef Broth
Celery
Chicken
Chicken-Gumbo (o.k.a.)
Clam Chowder
Condomme
Julienne
Mock Turtle
Mullecatawny
Mutton
Ox Tail
Pea
Pepper Pot
Peanut Butter
Tomato
Tomato-Oka
Vegetable
Vegetable-Beef
Vermicelli-Tomato

MEAL-PLANNING IS EASIER WITH DAILY CHOICES FROM CAMPBELL'S 21 SOUPS
CHARM...to some it is the gay sunlight flashing on southern seas. To others, perhaps, it is the irresistible strains of a Wagnerian symphony. Or it may be a cozy nook by the fireside when the wind is blustering.

In the home the fascination of furnishings in good taste appeals to all. Here it is that fine creations as come from the Roseville potteries. In the home the fascination of furnishings in tints ... the subtle beauty of cherished heirlooms have devoted a lifetime to it.

by artists who love their craft so much that they pottery has a part to play... such delightful and candlesticks. Lovely selections for the home, Glorious shapes... exquisite blending of twilight tints... the subtle beauty of cherished heirlooms... these are the charm of Roseville bowls, jars, vases and candlesticks. Lovely selections for the home, for gifts or prizes, may be seen at leading stores.

The interesting story of pottery is told in the booklet, "Pottery." Write for your copy

THE ROSEVILLE POTTERY COMPANY, Zanesville, Ohio.

ROSEVILLE POTTERY

How To Make Shades

Kanne & Besant lamp made of square tin canister painted green and gold. The parchment shade is decorated in green and gold and ornamented with prints. Three New Yorkers added to make the wash thin. Rub this on with a piece of cheesecloth, applying lightly until the desired density of color is attained. This solution gives a soft peach glow to the shade. When dry, apply one heavy coat of ordinary white shellac to the outside of the shade. By following these various processes as shown in the practical drawings on pages 118 and 119 a well made shade will result.

If the shade is to be decorated, the decoration should be applied before the shade is put on the frame. Painted, bands of contrasting color outlined with a gold line are easy to accomplish. The lines are drawn first very lightly with pencil so that when painted they will be straight. Stencils offer many opportunities to the amateur for effective decoration. After the decoration has been applied, the shade is then slacked.

For silk and chiffon shades, first select your wire frame in proportion to the base of the lamp. For a shirred shade, no matter of what material, wrap the side supporting wires only. Cut the fabric, allowing double fullness in any material, except chiffons or georgettes. For these allow triple fullness. Distribute the fullness evenly, and with the top of the shade held against you, sift the material over the bottom wires, pulling up tightly and sewing fast to each supporting wire. When this is done, arrange the gathers evenly. Then turn the shade around, and pulling the fabric up tightly at the top, sew over the top wire. When using this method, do not wrap either the top or bottom wires. The lining should be cut the size of the bottom edge of the frame, sewn flat on the right side, then turned over, pulled up on the inside quite tightly, and sewn over the top wire, where the trimming will serve to cover the stitches.

(Continued on page 128)

This simple well-designed small lamp made by Handel has a pewter base and a shade of salmon colored parchment ornamented with a delicate painted leaf design in silver. From Wanamaker's
March, 1930

Gorham Sterling is not as expensive as many people imagine...

76 pieces of Gorham—a complete service for eight ... costs only $236

Many women have taken for granted that because Gorham sterling is the ultimate in table silver, it must be costly. They have thought they could not, or should not, afford it.

Actually it is moderate in price—you can buy 76 pieces of Gorham table silver in the famous Dolly Madison design for as little as $236—silver that will never have to be replaced—that will serve generations.

The 76 pieces—a complete service for eight—include 8 teaspoons, 8 dessert forks, 8 dinner forks, 8 soup spoons, 8 dinner knives, 8 dessert knives, 8 salad forks, 8 butter spreaders, 8 after-dinner coffee spoons and 4 tablespoons.

Some patterns vary slightly in price but a complete service for eight in any one of Gorham's seven most popular patterns costs less than $260.

You can always identify Gorham silver by the famous hallmark on the back of each piece, showing the lion, the anchor and the Gorham initial. The established jeweler in your city is now showing these patterns with delightful hollow-ware pieces to match.

— THE GORHAM COMPANY —

Pawtucket, R. I., Dept. E-2

Please send me your new illustrated book, 'The Art of Table Setting,' by Lilian M. Gunn, authority on the etiquette of entertainment, for which I enclose 25¢.

Name   

Address  

Illus 
Created for the families of lineage—Modern Lowestoft.

The appreciation for Modern Lowestoft is exactly where we expected to find it—with the families who now treasure the precious old cups and saucers that have come down to them from the cupboards of earlier generations.

Antique Lowestoft, of course, is becoming more and more unobtainable. Connoisseurs number it among their priceless possessions.

Modern Lowestoft is the result of the discovery of a secret formula last used by the Copeland Spode factory in 1805—a most important discovery, for now at last has modern ingenuity succeeded in producing a new Lowestoft worthy of its new mission—to carry down to posterity the sentiment of family pride in the exquisite things that belong to this day and age, "when today is a hundred years ago."

Modern Lowestoft services are now being made in England, in a limited quantity, for Plummer's exclusively—nowhere else in America can they be found. With your crest or monogram placed upon each piece, you will create a worthy monument to your house and name. Dinner plates, $75 a dozen. Tea cups and saucers, $75 a dozen. Special monogram, crest, or coat-of-arms, extra. Inquiries invited.

WM. H. PLUMMER & CO., LTD.
IMPORTERS OF
Modern and Antique China and Glass
7 & 9 East 57th Street, New York
Near Fifth Avenue

Modernize Your House
(Continued from page 97)

Your architect to design a modern house for you that will reflect Colonial inspiration. This is exactly what Julius Gregory, architect, did when he designed a house recently for Mr. and Mrs. Louis Wilputte at New Rochelle, New York.

For many years the owners of this house had been collecting antique furniture. While their interest ran particularly to the English styles of the 17th and 18th Centuries, covering the era of the great master-craftsmen, there are numbered among their collection certain pieces which dated back only to those times when rosewood was the fashion in this country. On the whole, therefore, the collection might well be classed under the head of Colonial. Thus it was natural that Mr. and Mrs. Wilputte visualized a house of Colonial inspiration as best suited to house their furniture and to afford the proper setting for the majority of pieces. Mr. Gregory was quick to grasp the idea. But he is not a man who practices copybook methods. In this case he took certain characteristic Colonial forms and motives as his cue and developed a design that is original, while bearing sufficient evidence of Colonial influence to satisfy his clients' desires.

The design is decidedly reminiscent of Colonial ideas but it is not a house that appears to have been built in Colonial days. In fact, certain of the details which are peculiarly Colonial in their general lines are treated in such a way that one will immediately recognize the house as a product of 20th Century architecture. The design is, in fact, a modern design because it is original. It is not what we generally consider as being in the modern style. But it is an original modern adaptation of Colonial ideas. Certain forms which we associate with the Colonial are embodied in the design, but the architect has treated them in such a different way that we are much more interested in the original details used.

(Continued on page 128)
Fine craftsmanship has not disappeared... it still survives in this unique Connecticut colony

You may have thought that superb furniture craftsmanship ended with the passing of the 18th Century masters—Phyfe, Sheraton, Chippendale, Hepplewhite.

You are nearly right. There is, however, an outstanding exception. In the Danersk Shops in Connecticut, fine furniture is produced by a colony of Scotch and English craftsmen, trained from youth in the careful, old-time traditions of cabinetmaking and joinery.

These craftsmen work not against the hands of a time clock, but in line with the standards of the old-school masters, and with the advantage of more than a century of progress.

Eagerly sought and deservedly prized,

Danersk Furniture contributes incomparable charm and dignity to every room in the home—and to the business office of the man of affairs.

The design of the Ladder-Back Bed here pictured is based upon the old-time ladder-back chairs found in the colonial homes of the Hudson Valley. The wood is mellow maple and among the interesting features are the duck feet, mushroom turnings in the footboard and lovely urn-shaped finials.

The comfortable Danersk Chair shown above, is modeled after a rare Queen Anne piece with cabriole legs connected by stretchers. It is made with mortise and tenon construction, hand pegged joints and other interesting characteristics of fine craftsmanship. The English original was valued at $3,000. The Danersk reproduction, though it can be had covered with gros point, petit point or other pedigreed materials, is quite moderately priced.

The Cavalier spirit of Virginia of the 18th Century is echoed in this Danersk Sideboard. Like all Danersk Furniture it is hand-made. The frame is of choicest grain mahogany, enriched with crotch woods and inlays of satinwood, holly and amaranth.

Many of our patrons are enriching their homes by securing a single piece of Danersk Furniture at a time, their collections growing from year to year.

You will thoroughly enjoy a leisurely visit to our showrooms where you will find hundreds of single and related pieces, including authentic reproductions of famous creations of the past, suitable for dining room, bedroom and living room.
Modernize Your House

(Continued from page 126)

In your home
Set a Little Table
to Feast Your Eyes Upon

The craftsmanship in these tile tables is exceedingly fine both from the viewpoint of wrought iron and majolica tile. Those who entertain find these tables highly decorative when idle as well as when in use.

We have been supplying fine art dealers with tables for ten years. If your local dealer cannot show you Carbone tables, we will quote you prices on any shown here.

Carbone
348 Congress Street. Boston

than in the Early American outlines. This is particularly true of the portico facing the terrace. The pilasters and pediment are of brick, and the details of the design conform to the material in which they are given form. In Colonial times the entire motif would naturally have been carried out in wood. An interesting motive of stone and brick has been introduced at various points. It consists of a field of brick set in a reveal in a stone wall. The general lines suggest Colonial inspiration, while the ornamental details are entirely original.

We seem to have a habit of running toward extremes. On one side we find a group who insist on actually copying old styles of architecture, and opposed to them are those who would even avoid everything that bears any suggestion of the past. One group we might call fundamentalists and the other radicals. I like to put myself in a class midway between the two and call myself a progressive. For I don't believe that modern architecture will amount to anything worthwhile if we cannot seek our inspiration in the beauty of the past, nor can we hope to offer anything to architectural history if we do not afford our creative ability an opportunity to express itself.

There is a difference between copying a design or a style, if you will, and adapting a design originated by another. We naturally have avoided the word copy and have used in its stead the word adapt. But in the majority of cases copy was the correct word to use. Mr. Gregory has adapted certain Colonial motives. Adaptation carried with it evidence of creative ability, which is another way of suggesting originality. To me, anything that is original is modern. How can it be otherwise? For "modern" actually means "characteristic of today." Thus it is much more sane and logical to emphasize originality in a design than to attempt to avoid anything and everything that has ever been done before. We can readily trace the heredity of some of the best of the modern designs, while many of the creations which are labeled modern cannot even be seriously considered because they show no regard for the fundamental principles on which architectural and decorative design is based.

Modernizing the design of your house, then, means to introduce into the architectural treatment some evidence of originality which expresses your individuality and reflects your personality. It was not the form of the portico that gave character to Colonial designs, but the details of the various elements of the composition. In the house of Mr. Wilpots, it is the detail of the portico and other forms of Colonial inspiration that give character to the design. And on account of the original quality of those details, the house has come to bear a decidedly modern character.

How To Make Shades

(Continued from page 124)

If flat pleats are desired, wrap all the wires. Divide the fullness of the material evenly, and starting at the bottom, pin each pleat to the bottom wire, taking care to measure the pleats accurately. Then sew on completely. Turn and pull up each pleat and pin to the top wire before sewing. It may be thought a waste of time to pin the pleats in place, both top and bottom, before sewing, but it is really a time saver, for otherwise half the shade might be completed before it was discovered that all the pleats were on the bias. This is the most difficult kind of shade for an amateur to attempt, and looks the worst when carelessly made.

A six-sided or eight-sided shade is better when the material is stretched tight. Wrap all the wires with the fabric on the lining. Put the lining on first, sewing it tightly to the wires like a drum. Then sew the outside on the same way. This type of shade looks better with the top covered. Sew on the top lining and the outside piece together, stretched flat. Then make a small hole for the top screw to come through and button-hole stitch it. A tiny flat ruching finishes off this point satisfactorily.

The trimming depends upon the size and character of a shade and the type of material used. For taffeta shades, self fabric trimming is advisable. Flat folds of a contrasting color are smart, especially when piped with still another color. Make this trimming the exact size of the shade and sew together before sewing on to the shade. Roundings of taffeta with picoted straight, pointed or scalloped edges are also attractive. The streaked silk shades should be trimmed down each wire. If you do not wish the trimming to stand out too much, make a flat fold of the same material as the shade and paste to each wire. This will hardly show, and will give a finished look.

Chiffons require a soft trimming. A shirred double fold of the same material is the simplest (be sure to gather the fold twice). Chiffons are also effectively trimmed with three ruffles of silk pinned on the bottom and drawn up on a tiny cord, one ruffle overlapping the other slightly. The first requisite for pleating is a wire frame of the same type as used for silk shades. It is not necessary to wrap the wires, but the shade will look more attractive if the top wires are painted to match the binding. Measure the circumference of the bottom of the frame for the amount of material needed, and multiply this by three to allow for pleating. Bindings should be from ¾ to ½ inches wide. Cut the material the necessary length and the necessary width, remembering to allow for the depth. Sew the various strips of the length together into one long strip and bind. Ribbon is a satisfactory binding, but hand sewing will make a less conspicuous finish. Take a piece of stiff cardboard, cut the depth of the shade, and ½ inch wide. With this as your guide, press the pleats in evenly, by hand, beginning at one end and working along until it is entirely pleated. Do not try to have the ma.
Champion Eights, Proved by Time and Travel! That precise air of smart assurance—of well-bred poise—apparent in Studebaker’s champion eights, admirably demonstrates how motor cars ought to be designed. Champion speed and stamina came first, proved by the greatest world and international records, and by more American stock car records than all other makes of cars combined. Studebaker artists have literally interpreted this inspiring performance in coachcraft of rare grace and beauty. There is fleetness—eagerness—in every fluent line... and there are 78 years of Studebaker quality back of it, a matchless bulwark of reassurance.

STUDEBAKER
Builder of Champions
Snowdrops and Winter Aconites are thickly scattered in the early days of March, and where later all sorts of Trilliums unfold their mysterious three-cornered blossoms and many lady slippers are to be found. Along this path are naturalized many rare plants brought from the Adirondacks—the lovely pink Moccasin-flower, mats of Wild Ginger, colonies of Pyrola, Clintonia and the Orchids, as well as fine spreads of the more usual wild flowers—Bluebells, Hepaticas, Spring Beauties, Wild Geranium and the like lovely small fry of our eastern woods and meadows. Just beyond this section of the garden the brook makes its noisy way over its rocky bed, the boughs of Dogwood and other trees meeting above it and its banks lined with Mertensia, Dafodils, Trilliums and Violets.

Far to the right a little precipitous path leads one to a most interesting collection of Violets, all kinds, lavender, blue, white and yellow, from the little white sweet-scented Viola blanda to the Dutch Confederate Violets and the aristocratic Bird’s-foot. Still another path that ascends steeply leads to the lush Confederate Violets and the little white sweet-scented Viola blanda to the Dutch Confederate Violets and the aristocratic Bird’s-foot. Still another path that ascends steeply leads to the lush Confederate Violets, in late May or June you are entranced by the masses of fringy bloom and the delicious scent that assails the nostrils. By the masses of fringy bloom and the delicious scent that assails the nostrils.

Begin upwards at the base of the tiers of the miniature golf course, where its explosions of rose-pink fringed blooms are sprayed against the sky. Some fine masses of the beautiful hybrid Pink, Annie Laurie, are also to be seen and many mats, shaggy and gray, of the common uncommonly sweet Grass or Scotch Pinks. Choose still another path and you will pass by Geum reptans growing stout and thrifty, many kinds of Gentian, superb masses of encrusted Saxifrages, and then after passing through a little thicket of crowding Azaleas beneath which blue Harbells and golden Potentillas bloom in a gorgeous tangle, you will find yourself surveying a cunningly devised miniature golf course, the violet turf of which is fringed by dark Yews and shadowed by great trees. At one side the natural wall of gray rock rises many feet in height and against this neutral background great bushes of Azaleas amena glow magnificently, far from the jealous influence of distracting hue.

Azaleas indeed are a rather special feature of this garden. Huge old bushes that Mrs. Wurzburg sought out and selected for the sake of their irregular form, their awkward grace, their crooked branches sweep down over the walls of rock with fine effect, and in their season the scented blooms, white, saffron, pink, apricot, fawn, ivory, buff, create a veritable fairyland. Many kinds of Broom, Genista and Cytisus are also here established among the boulders and display their characteristic butterfly blossoms on the whirling stems in season. No season is without its offering in this garden, from the time when the (Continued on page 158)
now a tiny wire tells time!

PLUG YOUR TELECHRON CLOCK INTO AN ELECTRIC OUTLET ... ITS INFALLIBLE ACCURACY IS ASSURED BY THE TELECHRON MASTER CLOCK IN THE POWER HOUSE

Add to the other wonders of this electric age, the accuracy of electric time! Over the same slender wire that now brings light and power, time will come to you ... silent, precise, unquestioned ... not for one day or eight, but for months and years ... through Telechron Electric Clocks. ● You can connect any Telechron with an electric outlet, set it and forget it. Its tiny motor is driven directly by impulses of alternating current from an infallible Telechron Master Clock at the power station. It eliminates completely the bother of winding, oiling, cleaning and regulating. And because it has no temperamental springs or escapements like clocks that are merely wound by electricity, Telechron is immeasurably more accurate and efficient. Its word can't be questioned! ● Telechron time has been made as decorative as it is dependable. And inexpensive too. There are period and modern models for every purpose. Skillfully designed, richly wrought of fine woods and metals. Clocks for mantel, desk or dressing-table. Some with chimes. Some with illuminated dials. Wall clocks, kitchen clocks, even alarm clocks. Three are pictured on this page. There are many more at your dealer's. He'll gladly display them. Prices range from $8.95 to $85. ● And every model provides the same uncanny accuracy! ● Warren Telechron Company, Ashland, Mass.

Telechron electric time-keepers

*The Bonner Clock Company, of Cincinnati, Ohio, produces grandfather's clocks and other distinguished examples of fine cabinetwork equipped with Telechron motors. Their prices range from $60 to $120.
The newest of the Treasure patterns, Granado, is the silver of Spanish Colonial ancestry. With its dramatic escutcheon and finely wrought ornament, it is a choice ideally suited not only to the architecture of California and Palm Beach, but also to the many delightful Spanish houses and apartments under Northern skies.

William and Mary pattern and its contemporary, Mary II, have the same basic lines and borders. Handles in the Mary II design are ornamented after the manner of marquetry in furniture of the time. Both patterns are planned for the panelled walls, beamed ceilings and stately furniture of English dining rooms.

To the woman with an instinct for exquisite living, sterling silver is a supremely satisfying possession. She enjoys it with eyes that understand artistry, with a touch sensitive to fine things. And she responds to the significance of solid silver as a symbol of the genuine, the lasting, the well bred.

But this modern hostess sees her silver not only as a thing of beauty in itself. She considers it as an integral part of a decorative ensemble. She chooses it as an accessory to harmonize with the architecture of her house, the style of her furniture and all the related appointments of her dining room. For her, whose taste is so discriminating, Rogers, Lunt and Bowlen have designed Treasure Solid Silver in the accepted period styles.

Early American, Spanish Colonial, Early English, Georgian. These are the most important periods in the decoration of American homes. An artistic inheritance from Colonial forebears... New England founders, Spanish grandees, Knickerbocker patroons and Southern cavaliers... these four styles have a permanent place in our culture.

Treasure patterns, inspired by these traditions, are designed for a modern age. Modified to meet twentieth century needs, they are understanding interpretations of the period spirit.

Rogers, Lunt, Silversmiths
Member of the Sterling Silversmiths Guild of America
March, 1930

"Treasure" Solid Silver
STERLING 925/1000 FINE

for the Decorative Ensemble of Your Home.

For every occasion of entertaining, Treasure presents the appropriate silverware, from the young bride's simpler table setting to the ceremonious array of formal dinners.

All the Treasure designs illustrated on these pages may be matched in hollowware... tea sets and coffee sets, serving dishes and candle sticks... beautifully balanced shapes, subtly modeled surfaces, that proclaim an aristocratic heritage and distinguished craftsmanship.

Most jewelers are prepared to show you Treasure Solid Silver in its various styles, but should you care to have the advice of our Service Department in selecting your pattern, write us about the decorative theme of your house, and particularly of your dining room, and we will be glad to send you special information and any descriptive booklets you may desire.

As a member of the Sterling Silversmiths Guild of America, we are also able to extend to you, through leading jewelry shops, the privilege of purchasing Treasure Solid Silver out of income. Should it happen that you are unable to arrange for this service, please write us, and we will be glad to supply you with the name of a conveniently situated jeweler who has such facilities.

& BOWLEN CO.
CREATORS OF DISTINCTIVE TABLEWARE
GREENFIELD • MASS.

THE ADAM STYLE

THE TREASURE ADAM PATTERN is inspired by the technique of the Adam brothers, those renowned designers of eighteenth century dwellings and dines. This design expresses the delicacy and dignified charm of the Georgian style, a period graciously interpreted in modern dining rooms and drawing rooms.

THE EARLY AMERICAN STYLE is shown in two variations—altogether simple, or with the engraving equally characteristic of our ancestors' silver. This favorite pattern among recent brides may be correctly used with either the simple, New England type of maple furniture or for dining rooms in colonial mahogany.
COLBY
BEAUTIFUL FURNISHINGS

IN FOUR COMPLETE SHOPS

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Garden Secluded in Paris
(Continued from page 82)

Usually the transition from city rooms to outdoor areas is via porch or special room designated as the "garden room," but in this instance the whole house is intimately connected with the garden in such a way that every room might have the above designation.

The building is one story high, smooth stucco with dull red tile roof, and all windows are doors, ground level with a low sill through which one passes directly to the garden. This is on three sides of the house, for while the ground area is comparatively small, a greater sense of space is given because of the way the building cuts into it. Thus the garden might be said to consist of three parts: the pergola and terrace immediately at the entrance, the long walk between house and boundary wall, and the sheltered terminal with its garden furniture at the other side or end, the whole covering an average oblong city lot.

THE ENTRANCE

From the street there is no hint of the beauties within, the entrance door is flush with the sidewalk, and the high wall is of the same material as the house, only the creeping Ivy which tops it, and the sight of trees give an inkling of what may be expected.

The outer door opens into a pergola entrance, arched, with the service house wall on one side and the formal garden on the other. The floor is tile, ivory and deep ecru, and the same tan color is used on the stucco as a wainscoting about 15 inches high, the light sources are of iron, forged, and on the wall a bas-relief of a dog stands guard. The whole scheme is subdued in color and arrangement as a foil to brilliancy elsewhere. The first room entered from this passage is a combination reception and dining room, although the only suggestion of the latter use is a center table, and here the floral motif is found constantly in the decoration. The color of the walls is a soft leaf green, two painted flower panels face each other, one over the fireplace, the other surrounding the console, the furniture is of a deeper green, and has bits of floral decoration. The rug might be grass sod. The adjoining bedroom is pearwood, walls paneled and furniture of the same material, in color an indubitable golden tint, reminiscent of filtered sunshine, and the only brilliant tones are given by the masses of flowers which fill the vases. This room was an interesting contrast to the preceding room, where the only blooms were in the decorative motifs. The largest room opened from the reception studio, a studio-workshop, in corn yellow, filled with everything that spelled comfort: books, pictures, flowers, a fireplace, and huge doors that made the transition into the adjoining garden an imperceptible step. In fact I have never seen such complete blending of the in and out-of-doors. The general impression within the walls was of being in a garden, and when one stepped out, it was progressing into another room.

The planting was characteristically French, only a few varieties being used, and the main attention paid to color masses. In the area opening from the pergola, the center was a blaze of color, surrounded by a flagstone walk of irregular sized blocks, edged by a narrow two foot border which was the only space for flowering plants. When I first saw the garden, in February, these were filled with Pansies full of buds, even at that time, and by the end of March they were one sheet of yellow for they were all of one color. Later in June these were replaced by lovely daisies, yellow and a luminous shade of salmon pink. You did not think of them as flowers, but strips of charming color. The pergola pillars were covered with large flowering Clematis, Honeysuckle and Roses, and the background was treated in the following manner.

There was already a high boundary wall between the garden and the adjoining property, covered with Ivy, and in front of that was built a lower wall, leaving a space between the two which was filled with soil. In this front wall holes were left, and rock plants inserted, mostly evergreen varieties so there was always something growing even when the main covering of Climbing Roses presented only bare canes. The top of this lower wall afforded a shelf for pots of bloom, for while the major part of the planting was permanent green, much color was afforded by numberless pots set the whole length of the wall and on the pergola floor, around the flag walk, everywhere that the eye needed something gay. These pots were of uniform shape, unglazed pottery, blue or yellow with an occasional black, and were filled with Geraniums, Petunias and Marguerites.

GARDEN WALKS

The walk beside the house, which connected the two gardens, is shady most of the day, and the only plants are Iris and T Monkia, with here and there a small Rhododendron and Azalea. Emerging from this narrow passage the garden proper, which faced the living room, had as its principal flower, standard Roses planted directly in the grass with only a small area of bare soil at the base of each. Rose bushes as we know them are hardly ever seen in French gardens, the standard form is the favorite, and there is no gainsaying that the effect is far more attractive: a slender woody stalk, and an umbrella of bloom. Rhododendrons and Azaleas ound the house, and at either side of the door clipped pyramidal evergreens gave a formal note of welcome. The furniture was wicker in yellow.

This entire construction is worthy studying for the simplicity of its treatment and the great amount of interest that has been created in a small space. A sense of vista was given by the straight unbroken walk, diversity gained by different arrangement of the two garden plots, unity of aspect in restricted space obtained by the use of only a few varieties, yet a joyful blight of color made by the use of pots of brilliant blooms. Best of all was the harmony between house and garden, the absence of division. You never went into the garden, you were there all the time.
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of many fine old southern gardens; indeed, the Camellia can be cultivated either under glass or out-of-doors in practically every State of the Union and is well worth this distinction. In the colder States it can be grown in pots or planted out in greenhouses where the temperature in winter does not fall below freezing, though it is better kept about 45°F. On Long Island experiments have shown that in mild winters at least the Camellia will live through in sheltered places; however, it is not safe to regard it as a hardy plant north of Norfolk, Va. Its cultural requirements are so simple that there is no reason why anyone shouldn't enjoy a Camellia bush even as a house plant if so desired.

Camellia flowers. The petals are fleshy and easily bruised, so care must be taken in gathering the blossoms. Being woodland plants, Camellias prefer a warm, open, sunny soil with leafmold and peat liberally admixed but the one essential is good drainage. Usually they grow on sloping banks and rocky places where perfect drainage is assured, a point to be borne in mind by those who live in climates where they can be grown out-of-doors.

Few exotic flowering shrubs have in the past found a more important place in our greenhouses than the Camellia but its merits as a hardy plant have yet to be fully appreciated. It is not adapted for windy situations but for sheltered regions and is happy when associated with Oaks and other such trees. In the open the plant flowers from late March into June and the best forms for outdoor planting are undoubtedly the single and semi-double varieties.

For indoor culture the soil best adapted for Camellias is a mixture of about equal parts good turf, leafmold and peat, with a liberal addition of sharp sand. The proper time for potting is just when the young growth begins to start; some growers object to this operation being performed until the blooms are all past, but it seems most natural to give fresh nourishment to the young growth even though it be at the sacrifice of a few flowers. After potting, a little artificial heat should be given, and the plants must be liberally supplied with water, both to the roots and foliage. The growth being complete, heat must be discontinued and water given more sparingly, while more air is permitted in order that the plants may be hardened off, preparatory to being stood in the

(Continued on page 140)
Tapestry • rich in color • mellow in texture • lends an old world splendor to furniture of today

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The lovely chair tapestry shown here well illustrates the distinction which marks each piece included in the Schumacher collection. It is a charming floral pattern, woven in softly variegated shades of beige, rust, green and brown on a background of mellow rose!

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**The Camellia—Rose of Japan**

(Continued from page 138)

open air to ripen their wood thoroughly and swell up the flower buds.

In the autumn the plants must be removed indoors again and care taken that the watering is carefully done, for the giving of either too little or too much will cause the buds to fall off and the whole season’s labor to be lost. If very large flowers are required, each shoot should be allowed to carry but one bud, though in other cases two or more buds may be left, according to fancy. Camellias are not forced into bloom very successfully in the ordinary way. Those intended for the first blooming should be potted and grown on before the others, and should be placed in the open air earlier and returned sooner to the greenhouse, than those required to flower later.

In gardens of large extent, a greenhouse may well be devoted entirely to the Camellia. A more glorious sight can scarcely be conceived than that presented by the hundreds of flowers this superb plant produces. In such a house they are best planted out in the borders, using compost similar to that recommended for pot culture, or if any difference be made, a little more loam may be added, but here the drainage must first be put in to the depth of twelve or fifteen inches, and this must be covered with turf to prevent the soil from mixing with it and thus destroying the object for which it was put in. Thus planted it (Continued on page 142)

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DO this shadowless luminator
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The Camellia—Rose Of Japan

(Continued from page 146)

The Camellia becomes impossible to move the Camellia out of the house after the growth is made, so in order to provide semi-outdoor conditions the top shelves, as well as those at the sides of the house, must be open, exposing the plants as much as possible to the full influence of sun and air until autumn. The Camellia is not very likely to suffer from attacks of insects, green and black aphids attack the young growths and flower buds, but as fumigation with nicotine easily kills them, they should not be allowed to remain long enough to do any injury. A white scale and mealy bug sometimes appear and these must be at once washed off with warm soapy water.

TO EUROPE

Known to the Japanese as Tsubakki, the Camellia was long ago christened the Japan Rose, a very appropriate name. It attracted the attention of the earliest foreign visitors to Japan and Kaempfer wrote about it and pictured it in his book published in 1712. Just when or by what means it was conveyed to Europe we do not know, but it is on record that it was cultivated in England before 1759 by Lord Petre. Very probably it went from Japan carried by Dutch traders to Batavia, thence to Holland in the same manner as the Camphor-tree, Chrysanthemum, and Eucalyptus and a number of other plants. Be that as it may, it was grown in many of the best gardens of Europe toward the close of the 18th Century. It is figured in that wonderful old publication, The Botanical Magazine, in its first volume, plate 42 (1787) and the flower picture is exactly that of the wild species. It would appear, therefore, that up to that date little or no improvement in the Camellia had taken place. Considering what happened within the next few years, this may at first seem strange but the explanation is simple.

In Japan the Tsubakki was regarded with superstitious awe by the warrior and Samurai class. The color of the flower is red and it has a bad habit of remaining long enough to do any injury. To those who lived by the sword the Tsubakki symbolized their probable fate by decapitation. One sees the plant in Japanese gardens today and one or two distinct varieties are grown, but the Japanese really favor another species (C. sasanqua) of which more anon. On the other hand, the Chinese appear to have no superstitious dread of this plant. It was cultivated in China's nurseries, temple gardens and gardens of the wealthy and suddenly a number of varieties were grown in Chinese gardens for we find the old East India Company ships sailing between Canton and England carrying Camellia plants back to their friends and patrons. Through this means eleven well-marked varieties were in cultivation in England in 1829, by 1849 the number had so increased and the plant established itself so firmly in popular estimation that Samuel Curtis published a special monograph, elephant folio size, with eighty pages of text, enumerating twenty-one varieties and illustrated by fifty beautifully colored plates, one of which is reproduced here. This artist, Miss Clara M. Pope, evidently possessed great ability for her drawing are admirably done and the coloring is remarkably good. This monograph is interesting as being about the only one of this size devoted to a single genus of flowering trees. As different varieties blossomed they were figured in the current magazines which helped increase their popularity.

Early in the 19th Century nurserymen began the raising of Camellias from seeds. Later the intercrossing of varieties was diligently and successfully carried out and many hundreds of sorts resulted. As the Victorian Age approached its optimum, the hundreds of Camellias lost sight of everything else but the regularity of the blossom and, moreover, kept the plants trimmed into arid masses which in the end brought about a revolution. The old-fashioned varieties of Camellia, like Alba Plena, Lady Hume's Blush, prim, stiff and solid, not inappropriately typify the period; indeed, this type of Camellia might well be its floral emblem. The single varieties with their cupped blossoms, their abundant yellow-centered stamens and the semi-double forms had passed out in fashion of the severely, regular shaped blossom types.

One of the earliest introductions from China was known as the War­rattah or Anemonie Flower, and very beautiful it was with its mass of stamens partially covered with yellow petals. This was the forerunner of many similar varieties and this class together with the single-flowered forms is coming back into fashion.

THE BLUE

The ships of the old East India Company not only brought back a rich variety of Camellias but also stories about other colored forms which persisted down to the time of Fortune in 1829 and the 19th Century. Robert Fortune in his books makes frequent reference to his efforts to secure a yellow Camellia and a blue Camellia. The blue variety escaped him, even as it has all subsequent searchers, but in April 1850, when visiting a nurseryman's garden east of Shanghai, he came across one yellow Camellia plant in bloom and bought it. He tells us that the flowers belong to the Anemone or Warrattah class, the outer petals being a French white and the inner ones a primrose yellow. Subsequently he safely transported it to England where it was identified as a variety of C. sasanqua.

Before the decline in popularity of the Camellia several hundreds of varieties were grown in greenhouses and in outdoor gardens. Many of these are now probably lost but enthusiasts are doing their part to bring together a collection of what remain and breeding new ones and soon their efforts will place the Camellia on a level higher than that of a friend of mine, living in Long Island, has growing under glass some sixty different varieties, and at my request has kindly furnished the following (Continued on page 158)
There's something to it
There's something to
a dentifrice that wins
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Before their "lay me down to sleep"

No intelligent mother can question the value of the Listerine gargle for youngsters before they are tucked in for the night.

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See that all the members of your family make a habit of using full strength Listerine as a gargle and mouth wash, night and morning. It helps to ward off colds and sore throat.

Should these ailments get the upper hand, increase the frequency of the gargle. You will be delighted to find how often Listerine overcomes them. Lambert Pharmacal Company, St. Louis, Missouri, U.S.A.

The Safe Antiseptic
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Occasionally a lover of American Walnut has been disappointed to find that a piece of furniture purchased presumably as being of genuine walnut, actually contained a large measure of inferior, substitute wood on some of the exposed surfaces—notably the legs and framework.

You need never be so misled, for the identification of American Walnut can always be positive—even to an unskilled buyer. For American Walnut always reveals itself by its characteristic pore structure. The photographs above show this pore structure—our booklet, "The Story of American Walnut," will give you further information of real value in buying and caring for walnut furniture.

As the manufacturer of Yale Locks, we feel that when you buy a Yale Lock you have confidence in the name Yale. If you later require duplicate keys for that lock, you are entitled to get keys made by the manufacturer of the lock—Yale. ▲▲▲ Then you will be assured of constant security—duplicate Yale Keys as strong and accurate as those that originally came with the lock. Insist on securing Yale Marked Keys if you wish to retain the original security of the lock. ▲▲▲ When you want duplicate keys for Yale Locks—ask for Yale Keys—see the name Yale on those keys. Your locksmith can quickly cut new Yale Keys from Yale Marked Key Blanks. ▲▲▲ This suggestion is made to protect the millions of people who rely upon the quality of Yale. Always be sure of receiving that quality by seeing the name Yale on the products. ▲▲▲

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GUARANTEE
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long in any soil capable of supporting the average shrub.

The majority of garden Roses are highly bred. They make plants of fairly vigorous or of somewhat weak growth, two to three feet above ground with the roots extending twelve inches or so deep and wide. A root system consisting of the hard, woody main roots and the distinctly different soft, white feeding roots is rather scant and straggling, and not at all fibrous (like that of a Barberry, a Privet or a Boxwood, for instance) —just the type of root which is not capable of foraging far and wide for plant food, and which will quickly feel the effect of the lack of sufficient moisture in the soil.

In contrast to this rather inefficient root system below the ground, what do we have above? A top which is in continuous active growth for a longer period than almost any of our other common garden plants, often from April to November, and from which a great percentage of growth is cut away in the processes of pruning and removing the flowers. In other words, we have very nearly the minimum of a root system, with a maximum load to carry, over an exceptionally long period. It does not require a scientist to make the deduction that such a root system must be given every possible advantage if it is to do its job satisfactorily.

Common sense tells us, therefore, that to have garden Roses do their best they should be provided with plenty of root room, every cubic inch of which is to be prepared as to help to support the plant, either by supplying plant food or through a constant supply of soil moisture. And while we are thinking on the subject of moisture, I cannot refrain from saying that, judging from my own experience, much of what has been written about the surface of the garden bed, if the plants are to be put out in spring, or applied to the surface and cultivated into the soil in the spring after fall planting. They should be added either annually or semi-annually to maintain a plentiful supply of well balanced plant food which Roses must have at all times to continue growth and replace the parts of the plant being constantly removed as part of their culture.

With the conclusion of this somewhat dry but nevertheless an important survey of the conditions garden Roses require, and the materials which may be used to supply them, we come now to the actual work of preparing the beds.

In selecting the space for the Rose garden, or for the bed if a garden devoted exclusively to Roses is not possible, three things are desirable: plenty of sunshine, especially during the morning hours; good natural drainage, and therefore a slight slope; and, if it is available, an open, well-drained soil permitting free circulation of air in

(Continued from page 79)
Order your Higgin Screens NOW! Warm weather and insects are nearly here!

But if you order your Higgin Screens today, you may have your breezes without the nuisance and danger of unwholesome insects. Higgin metal frames are so narrow, and the bronze mesh so fine, that they don't impede light and air at all; but they protect you absolutely against insects.

And when the screens are in, you hardly know they're there. They harmonize so perfectly with the architecture that they're visible only as an accentuation of the beauty of the windows and doors and porches.

Higgin can give you any type of screen, sliding, swinging or rolling...can solve any screening problem permanently. Call the Higgin Specialist in your locality. He will measure every opening, will design the screen best adapted to each, will install the completed equipment for you. You won't ever have to give a thought to screens after you've called him. If you can't find HIGGIN in the phone book, write us.

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---the machine that made coal an automatic fuel---

A recent survey of residences heated by the Iron Fireman brought to light this amazing fact: Iron Fireman had reduced the fuel costs of these homes 45.61 per cent! Average annual fuel savings of these typical home owners were $91.96.

The reason for this substantial saving? Iron Fireman burns smaller, lower-priced coal. The survey showed that owners are not only paying less money for this coal than they formerly paid, but that they are also burning less coal.

Iron Fireman employs a scientific principle of firing known as non-agitated forced underfiring. It feeds fuel to the fire from below at the same speed as the fire burns it and without agitation. It makes a fire 500 to 1000 degrees hotter than hand firing. No other fuel can create a more steady or efficient fire than Iron Fireman non-agitated forced underfiring makes from coal.

Iron Fireman prevents smoke. Saves labor. And cuts fuel costs.

Iron Fireman is now regarded by many thoughtful people as the finest automatic heating ever developed. It requires only a little attention each day. Warmth comes on automatically in the morning and the house temperature stays exactly where you want it all day. There is no underheating—no overheating. There is absolute safety. The cost is so low that the luxury of Iron Fireman automatic heating is an actual saving.

Iron Fireman can be installed in your furnace in a few hours. An Iron Fireman engineer will gladly make a survey of your heating system and render a report on what Iron Fireman will do for you. There is no charge for this service. Literature on request. Iron Fireman Manufacturing Company, Portland, Oregon. Branches in Cleveland - St. Louis - Chicago - New York. Dealers in principal cities of the United States and Canada.

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Why continue this...

...when it actually costs less to let Iron Fireman do your firing?

Iron Fireman Automatic Coal burner
A TREASURE chest of bountiful health lies open to the Chris-Craft owner. Life on the water offers a multitude of thrills and pleasures not known on land. One may splash about at the swimming raft, take dinner at the distant yacht club, then swing past a dozen miles of shoreline to evening social affairs in remarkably short time.

Chris-Craft days are full of joy. Go fishing, step out and win a race, entertain guests in delightful comfort, or just loiter among wooded islands. A whole new range of pleasures begins at the water’s edge and all are spread before the Chris-Cralter for his choice.

Distinctive among the 24 models of the 1950 Chris-Craft fleet are the 20 and 22-foot runabouts. They are luxurious, deep-cushioned, 9 passenger Chris-Craft. They go like the wind, yet are easily controlled by boy or girl. They start, stop, steer, turn and reverse like an automobile, yet they are infinitely more flexible.

Priced at $1895, the 20-foot Chris-Craft runabout is the lowest priced Chris-Craft ever offered. The 22-foot Chris-Craft is listed at $2195 and $2595, offering a lifetime of dependable water transportation.

Illustrated catalog may be had by writing Chris Smith & Sons Boat Co., 185 Detroit Road, Algonac, Michigan.

24 CHRIS-CRAFT MODELS
Runabouts—Sailors—Commuters—Cruisers—Yachts
20 to 48 feet—$1895 to $55,000

The Foundation For Finer Roses
(Continued from page 146)

The top two or three inches of soil should be well pulverized but need not be so good in quality, if a choice must be made, as that beneath, where the new root growth will develop. The beds when first filled in should be heaped up considerably as they will settle decidedly within two or three weeks. To hasten this process, if the weather is dry, soak thoroughly with the open hose or two or three times at intervals of a few days.

In Rose beds prepared as suggested above, planting becomes a pleasure and consumes a minimum of time. A light topsoil over four or five inches deep, if the surface has become somewhat packed and hard, will give a fine and mellow soil not only easy to plant in but in which the Roses will find immediate nourishment, and they will spring to new life if there is any vitality in them.

If planting is to be done in the fall, it is well to procure the plants as soon as they may be obtained from the nursery, so that some root growth may be had before the ground freezes. Root action will continue long after frost has taken possession of the surface of the soil. I like to use an extra quantity of granulated peatmoss immediately around the roots in planting, as it seems to have a decidedly stimulating effect upon the development of the new root growth. No additional fertilizer will be needed in the planting holes if the soil has been properly prepared. Fall planted Roses should be very thoroughly mulched for the first season, particularly in heavy soil.

If planting is to be done in spring, the dormant roots should be got into the ground at the earliest possible moment. Potted Roses may be set out at any time during April or May, or early June; but even with these, the earlier the better, as they will make much more vigorous growth in a well prepared bed than if left in the pots.

The method of preparing Rose beds above described is less of a task in the doing than it may seem to be in the describing. Roses, if one would grow them to perfection, are not among the easiest of plants to raise, but a really thorough preparation of the soil foundation will go far toward assuring success, not only for the first season but for years to follow.

Decorative Wall Surfaces
And The Care Due Them
(Continued from page 86)

ing it to crack. Chintz papers with white ground and bright patterns develop a lovely ivory or antique effect by lacquering.

Factory lacquered papers are made on special grounds and submitted to severe tests to prove their fastness to moisture and light. The wall lacquered after the paper is hung, on the other hand, has the advantages of thoroughly sealed seams and cut edges.

Whether paint is applied on plaster or wall board, it may be successfully washed if many clean cloths are used and the water changed frequently. Perseverance is the measure of a successful washing operation; only a small surface should be done at a time, with an up and down motion, taking care that each stroke overlaps the last to prevent streaking. Mild soap alone is permissible; for strong alkalies may change the color of the wall. And as soon as the soapy water has done its work, the spot must be carefully rinsed and quickly dried.

When a wall is to be repainted the estimate should always include a preliminary washing, for paint on top of soil gives a far from satisfactory finish and on a grey surface paint will not hold.
A fine example of the exceptional precision of Port Orford Cedar woodworking. Living room in the home of H. W. Bunker, Hillsborough, California.

**America discovers a rare cedar for fine interiors**

Along a narrow strip of the Pacific Coast tower the magnificent Port Orford Cedars. Many nations seek them: Japan, because these cedars resemble the now carefully guarded "hinoki," sacred wood for temple and palace; Britain, for interiors of her palatial liners, the woodwork of her public buildings, the panels of her manor homes. And now America seeks it to heighten the dignity and beauty of her finest homes.

Port Orford Cedar, silken-smooth, responds to enamels with a beautiful porcelain-like luster. Cream-white, it stains to great richness and warmth. Homogeneous of texture, it matches easily to special designs. Light and pliable, it works easily—and never warps or shrinks. Weather-resistant, it is ideal for entrances, porch columns, garden furniture, pergolas. Non-warping, it is selected by leading decorators for Venetian Blinds.

Consult your architect about this fine wood. And mail the coupon today for interesting booklets. Address our sales agents.

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Reduce Building Costs

Many large homes as well as the pleasing small homes of today have Weatherbest Stained Shingle Sidewalls—a building material that offers several superior features from the standpoint of beauty and low cost.

The color effect of gray or white shingle sidewalls with solid or variegated toned roofs not only assures new beauty but the Weatherbest process of staining brings lasting color values that save continual repainting costs. Then, there is the added value of extra insulation against heat and cold. No other building material, especially for sidewalls, offers so many advantages.

The same values are realized in overcoating a home growing old. You can lay Weatherbest Stained Shingles right over wood or stucco sidewalls at less than the cost of two paint jobs.

Let us send you our Portfolio of Color Photogravures with Color Chart showing twenty shades. (Enclose 10c for mailing and handling.)

Address Weatherbest Stained Shingle Co., Inc., 850 Island St., North Tonawanda, N. Y.

Send for pictures of prize-winning homes in the Second Weatherbest Home Modernizing Contest.

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Enclosed is 10c (stamps or coin) for postage and handling. Please send Weatherbest Color Chart and Portfolio of Photogravures showing Weatherbest Homes in full color. Also enclose book on modernizing and reshingling old homes.

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A fine example of the exceptional precision of Port Orford Cedar woodworking. Living room in the home of H. W. Bunker, Hillsborough, California.
The gypsy world of society, art and letters is never bored on land or sea. The "Ile de France" with its glittering modernistic salons, is the gathering place of the wits and the gourmets, the stage on which one sees the smartest frocks in smartest settings...

The "Ile de France" with its glittering modernistic salons, is the gathering place of the wits and the gourmets, the stage on which one sees the smartest frocks in smartest settings...

A rear perspective brings out the compactness and balance of the whole property and the way in which the spirit of the house has been carried into the garden. Simplicity and straightforwardness mark it throughout.

**Grounds For The Modern House**

(Continued from page 94)

hedge is sufficient room for setting out a number of Grape vines.
This path affords a sense of distance through these various garden rooms, and it also affords easy access to the kitchen and the flower room.

One other auxiliary feature remains to be described before we go to the main garden—the Children's Playroom. This is laid out in tiles to make a Patchels game. Around the edge are flower boxes in which can be grown annuals of bright hue in front of Privet. The boxes are low enough so that the children can do their own gardening and study and pick their own flowers.

As in the side auxiliary garden, so in the house garden, the area is divided into rooms laid out on definite axes. There is first the paved terrace behind the house—the open air living room of the family in summer. This is flanked on each end with a platform bowered by trees and potted plants, where a table and chairs are set. The service wing of the house affords protection of one of these and to the other a wall assures privacy. These will serve for summer breakfasts, and for tea or other al fresco entertaining. From each, steps lead down to a long panel of turf, bordered on one side by a hedge, on the other by the low wall that fences in the central panel.

The central panel is a continuation of the lines of the paved terrace behind the house. It is reached by two broad steps. On the main axis is a long pool in which Waterlilies may be grown; at the other end the terminus is marked by a low plinth on whose surface is a decoration cut in relief.

The walls and the plinth are of cement over reinforcement or cinder blocks—hollow tile—the materials used for the house walls. Both at the entrance to the pool and at the side of the terminal plinth Bay trees or Box bushes in pots are used for accents.

The remainder of the planting is in solid blocks of color—massed Tulips of one or two shades followed by massed annuals of selected colors.

And in stating this we arrive at one of the features of the Modernist garden as it is being evolved abroad today. However strange and unaccustomed...

(Continued on page 114)

The garden is so planned that even in winter, with heavy snow on the ground, its outlines and principal features will remain in evidence. Thus is maintained that sense of unity which characterizes the entire property.
"I like my Rolscreens—just think—no more troublesome storing or rehanging window screens."

"AluminA" (double life) wire is specially woven for Rolscreens making it the one ideal wire for rolling endurance—and it is scarcely visible.

Not only the finest window screens « « « but also the wisest investment.

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The American Hardware Corporation, Successor

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Rolcreens once installed become a harmonious part of beautiful windows. They roll up and down which permits a quick, easy freedom of the window openings. When up they are stored, protected and completely out of sight which is a convenience even in summer when the windows are closed. You can easily understand the labor and expense saved each season over the old style screens.

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Before you build your home or buy new screens be sure to know about Rolscree
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The Improved
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Homes like this logically specify Tepeco throughout

Hygienically correct...

This selection of a toilet bowl was once merely a matter of good plumbing. Then beauty of surface and outline received due consideration. Now, hygiene and health play a vital part.

Heretofore bowl and seat were designed along severe and rigid lines. Today, the Improved Quiet Si-wel-clo represents a radical departure for it is shaped to encourage a natural sitting position — to aid organs and muscles to function thoroughly and naturally.

This exclusive health feature has earned favorable comment from the medical profession. Doctors and laymen who have long sought to cope with constipation by natural means now regard the Si-wel-clo as instrumental in serving their purpose.

It has other worthwhile features. A decided dip in the rim elevates front and rear of the bowl opening minimizing the possibility of soiling. The Quiet Si-wel-clo flushes positively and thoroughly — with scarcely a sound. Like other Tepeco ware it retains its brilliantly white surface over the years.

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And you can have all of these benefits without sacrificing the dry, frosty cold in your other food compartments. For the Hydrator confines the moisture to this one drawer where it is wanted.

Besides the Hydrator, Frigidaire is also equipped with the famous "Cold Control"—a simple, patented device that permits Frigidaire's extra power to be used for faster freezing of ice and desserts. And to make Frigidaire still more convenient, still more practical, still more beautiful—every household model is now rust-proof Porcelain-on-steel inside and out. But see these features for yourself. Call at the nearest Frigidaire display room at your first opportunity.

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237 Inspirations for $5.20

So restful, yet so gay. Blue walls and woodwork, a cherry-colored sofa set on an Aubusson rug with a mulberry ground. Chintz of blue, rose and mauve. A balanced arrangement of furniture that any of us might copy.

To see the other side of this charming room, turn to page 48 in the new House & Garden's Book of Color Schemes. There are 227 pages in all—237 color schemes—312 illustrations—the cream of House & Garden issues for the last three years. Ideas enough to last Methuselah a lifetime—the best brains in the decorating profession at your service . . . for less than 3 cents a page!

Nothing you ever wanted to know about color left out—every room, every period, every taste covered. Style insurance for the spending of thousands—magic to stretch a little budget so that it confers distinction on a whole house.

You could eat up $5 tonight—or dance it out in a pair of stockings. But if you pin it to the modest little coupon below, you'll still be enjoying it a year from today. . . . That's right—we knew you'd do it!

The rapidly growing preference for metal-frame screens is based on definite superiorities. First of all, metal-frame screens are better looking, neater and more durable. They let in more light.

And now, with color available for those who wish it, the modern metal-frame screen offers an added touch of beauty and smartness to the modern home.

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There is a very tangible delight in the appointments of the dining table—in snowy napery, tasteful china, exquisite candelabra. And the smart hostess brings the same good taste that dictates these appointments, to the selection of the condiments that go with the delicate foods she serves.

Sweet little gherkins, so spicy, crisp, and tender; or tasty bits of cauliflower in a tangy mustard sauce. Plump queen olives, luscious with the happy flavors of Spanish sunshine. Delightful dainties—so appetizing that they give new piquancy to any food . . . zest to any occasions where foods are served!

And so on smart tables you will find these and other Heinz condiments . . . because their delightful flavor and goodness have made them indispensable to hostesses . . . because their quality is in keeping with the appointments of her table. • • H. J. HEINZ COMPANY, PITTSBURGH, PA.

The Heinz label on any jar or bottle is the sure promise of flavor inside — flavor in its most joyous form !

SOME OF THE 57 VARIETIES

Heinz Queen Olives • Heinz Mayonnaise Salad Dressing
Heinz Sandwich Relish • Heinz Sweet Mustard Pickles • Heinz Sweet Pickles

Grounds For The Modern House

(Continued from page 150)

a shape the Modernist garden may assume, its planting is a distinct and definite return to what a previous generation called "carpet bedding". It is a garden of blocks of color, and sometimes the color effects are obtained with vari-toned pebbles and with only a minimum of flowers. In this design, as the planting list shows, the colors are masked for strong, direct effect, most of them being reflected in the waters of the pool. A Wall of Troy pattern edges the outside of these cement rimmed beds, and the intervening space between the beds and the retaining wall is covered with pebbles.

A garden such as this could be taken care of by one man. The lawn areas to be kept clipped are not too much. The hedges could be gone over once a year and with a modern rotary machine this would not be too arduous a task. The work in the Cutting Garden, Rose Garden and Vegetable Orchid should occupy half his time to attain perfection of flowers and fruit. The main job in spring, early summer and fall is filling the beds beside the pool—Tulips to plant in the fall, lifting them when their bloom has faded and filling in the area with annuals. Lot these beds appear too meagre between times, the edgings are planted with low-growing perennials.

List of Trees, Shrubs and Plants

TREES

For East Entrance, 3 Populus var. Lombardy (Poplar), center one 17' high, others 15' and 15' high, at corner of plot.
Alternate (southern) Planting, Eucalyptus robusta, tall, towering gracefully, excellent for background.

For West Entrance, 1 Tulia americana (Linden), 15' high.
Alternate (southern) Planting, Jacaranda mimosiformis, lovely, fern-like foliage.
3 Populus var. Lombardy (Poplar), 17', 15' and 12' high, in corner of plot.
Alternate (southern) Planting, Eucalyptus robusta, tall, towering gracefully, excellent for background.

For South Corner of Gardens, 3 Ulmus americana (Elm) 40' high, and 35' (two).
Alternate (southern) Planting, Ficus altissima, commercial Co-conut.

For Southwest Corner of Plot, 8 Tulia americana (Linden) 10' high, trimmed as umbrella trees, in pairs at ends of both lawns, flanking central pool garden.
Alternate (southern) Planting, Jacaranda mimosiformis, lovely, fern-like foliage.

HEDGES

For East Side of Plot and North Entrance Drive, Ligustrum Regelissum (Regel's Privet) 3' high, clipped in square form.

For House Side of Drive, Berberis Thunbergii, 3' high.
(Continued on page 156)
What's wrong with THIS picture?

The Perfect Hostess
...always considerate for the health of her guests...serves POLAND WATER morning, noon and night.

SPICK and span to the eye, electrical refrigeration, electrical dishwashing, gleaming tiles, a beautiful floor...what IS wrong?

You need only open the cabinet drawers to find out...kitchen utensils as antiquated as the old-fashioned ice-box, broom, coal range and kerosene lamp.

Yet these are the tools you continue to use in the preparation and cooking of three meals a day. They take a greater toll of time and toll of washing, ironing and cleaning combined.

KitchenAid...a reasonably-priced, dependable and thoroughly modern electrical appliance...performs all the tedious tasks of food preparation better, more easily, and in a fraction of the time required by old-fashioned hand methods.

Occupying only one square foot of space...efficient...reliable...simple to operate...it substitutes tireless electrical energy for hand work in all the major operations of food preparation.

KitchenAid is almost human in the way it makes use of its three speeds...one speed for "folding-in"...another for mixing and stirring...a third for whipping and beating.

Your name on the coupon below will bring you...entirely without obligation..."Extra Help In The Kitchen"...which tells the story of KitchenAid. Or, upon special request, we will mail a beautiful booklet full of interesting information about the service KitchenAid is rendering in thousands of homes.

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Sells Agencies in principal cities—consult telephone directory.

Distributing Agencies: King Street, East, Toronto.

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Send coupon for Recipes Bridge Pad

It is easy to shake cocktails at expertly as European beverage chefs. All ingredients are reproduced today in non-alcoholic form but retain their original flavor. The most favored cocktails, and various beverages and fancy dishes, are made with IMPORTED

Rossi Vermouth.

Because of its snap and tang, Martinis & Rossi Vermouth has been the soul of some fifty of the most popular mixed drinks served throughout the world.

Two kinds: Regular and Dry at your food or beverage shop. Pleasant moisture.

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A Complete Food Preparer—not a mere "Mixer"--

KitchenAid

Beats eggs (1 or 10, kine's, butters for cakes, waffles, etc.
Whips cream (lace or muce)
Mixes dough for bread, rolls, biscuits, pies and pastries
Strains fruits for butters, jellies, souces
Sieves vegetables for soups and purees, pumpkin, etc.
Slices potatoes (thick or thin) vegetables, firm fruits
Chops means (cooked or raw) nuts, raisins, figs
Freem ice cream, sherbets and other frozen delights
Grinds coffee and cereals
Shreds and Grates vegetables, cheese, coconut, chocolate, etc.
Extracts juice from oranges, lemons, grapefruit
Makes marmalade, jellies, fruit whips, ice cream (little or much)
Mixes mayonnaise, dressings, luscious soups, etc.
Whips cream, whipped cream, sour cream for "folding-in"...a third for whipping and beating.

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WALLPAPERS have again come into their own! With higher standards of excellence than ever before! Gone are vague, indefinite designs. In their place are papers of distinction...like those of Thomas Strahan...which, while effective in mass, are further enriched by clear and delicate detail.

Perhaps the most interesting, are these landscape papers which repeat the most enchanting bits of scenery...in shaded colorings to harmonize with scores of American decorative schemes.

THOMAS STRAHAN COMPANY
Established 1886

New York Showroom: 417 Fifth Avenue
Chicago Showroom: 6 N. Michigan Blvd.
Factory . . Chelsea, Massachusetts

Grounds For The Modern House
(Continued from page 154)

Alternate (southern) Planting for both sides of drive, Currus acuminate, dense, thorny growth, glossy green foliage.
For Blocking Vegetable Garden, Lawn and South End of Central Garden,
Ligustrum ovalifolium (Regel’s Privet), clipped square, 6’ from lower garden level.
For Enclosing Vegetable Garden, up to Latticex
Ligustrum ovalifolium (Regel’s Privet), clipped square, 2’ from garden level.
Alternate (southern) Planting, for both, Australian Pine, same height.
For South Pool Garden,
Berberis vulgaris (Common Barberry) 5’.
Alternate (southern) Planting,
Duranta plumieri, Golden Dew-drop.
For Boxes on Garage,
Actinidia arguta, Japanese Moon Vine.
On House,
Akebia quinata and Eucumnum radicans, broad-leaved evergreen variety.
Alternate (southern) Planting,
Jasminum grandiflorum, Star Jasmine.
Breakfast Garden, Latticex,
Clematis cirrhosa, blue (blooms June and July), and Clematis vitalba, white (blooms in September).
Service Courtyard, Latticex,
Eucumnum radicans, broad-leaved evergreen variety.
Children’s Roof Garden,
Akebia quinata.
For South Pool Garden,
4 Pyramidal Box bushes at base of house Facing south garden.
Alternate (southern) Planting,
Duranta plumieri, Golden Dew-drop.
4 Pyramidal Box Trees, Buxus sempervirens, in pairs at side outlet.
Alternate (southern) Planting,
Duranta plumieri, Golden Dew-drop.
2 Pyramidal Box Trees, 6’, at end of pool, or 2 Jumircosa virginiana, 6’.
Alternate (southern) Planting,
Ardia balfouri, tall columnar growing shrub.
2 Round Box bushes or Box Trees, 3’ in diameter, at house end of pool.
Alternate (southern) Planting,
Tecoma capensis, handsome pine-nate foliage.
For West Side and North of House,
Rosa xanthina, 5’ with Spica van houttei in front and Jumircosa virginiana at base.
Alternate (southern) Planting,
Hibiscus and Neriium Oleander, dark green foliage; both have bloom, white, pink and red.
For Enclosed Courtyard Garden or Outdoor Living Room,
Berberis aquifolium (Holly-leaved Mahonia) with Ilex crenatissima and Pachysandra at base.
Central panel of fine turf.
Alternate (southern) Planting,
Pittosporum toberia, thick, dark, glossy green foliage.
For Children’s Roof Garden,
Ligustrum vulgariis (Privet).

FOLOWERS
Edging Pool,
Tulips arranged in five sections according to color—two outside and center sections of pale yellow (Old Times); second and fourth sections of mauve (Le Mogul).
Giant Heliotrope interplanted and to follow.
Alternate (southern) Planting,
Repeat Tulips, with Plumbago capensis alba to follow.
Outer Border,
Phlox divaricata or Selin spectabilis and Cottage Tulips, var. Mrs. Moon, interplanted and followed by Agaratum.
Alternate Planting,
Edich parennis, followed by White Petunias, double fringed.
Alternate (southern) Planting,
Lantana and Plumbago capensis.
Two Side Terrace Gardens,
Berberis thunbergii, 3½’, at curtain and base of walls.
Breakfast Garden,
Red Tulips, var. Lord Byron.
Anthemis (Snapdragon) Pale Yellow 12” to 18”
Bright Pink 12” to 18” and 3’
Blue
Alternate (southern) Planting,
Allamanda nerifolia (Bush Al- lamanda), medium size, bright yellow flowers.
Plumbago capensis.
Children’s Roof Garden,
Marigolds (yellow)
Babysbreath (white)
Vidas, var. Johnny Jump-ups (yellow and blue),
Dianthus plumarius (Pink)
Chrysanthemums, var. Shasta Daisy (white).

Country Conversation
(Continued from page 76)

enough that we retreat from city noise and city hustle, from nervous tension and a multitude of complicated social endeavors; it is not enough that we go back occasionally to touch real earth and have contact with green growing things. Nor is it all that the country can give us when we play there or sow and reap. Until we catch the rustic viewpoint, until the similes of our conversation are bred from contact with soil and crops and cattle and the superstitions of the rural race—until then we are merely visitors or invaders. We are not real countrymen until we can greet our friends with both the spirit and words of “Set down and rest your face and hands”. RICHARDSON WRIGHT
Plan Ahead
For Your
Child's School

If you have children who will be going to private school within the next ten years, it is not too early to think about it now.

Enrollments in the best schools are often made years before actual entrance. And, of course, you wish plenty of time to consider the many possibilities.

You will find an excellent selection of the most desirable schools in the educational pages of Vogue, Vanity Fair, and House & Garden. You are also welcome to make use of our experienced advisory service.

When inquiring about schools or camps, it is best to let us have full details concerning your boy or girl—age, health, special interests, aptitudes, also any other points which will enable us to give you the most intelligent and practical advice.

Our attractive reception rooms are located conveniently for New Yorkers and visitors in the Graybar Building adjoining the Grand Central Terminal.

THE
CONDÉ NAST
EDUCATIONAL
BUREAU
260 Graybar Bldg. - New York City
The Camellia—Rose Of Japan

(Continued from page 142)

list of thirty varieties which he considers the pick of his collection.
Alba Plena—full double flower, clear crystal white.
Auguste Delforge—double red.
Carlo Grisi—very large, full double flower, orange crimson, Dahlia form.
Chandlier Elegante—double, pink and white.
C. M. Hovey—very large semi-double, cherry red.
Conte de Gomer—double, flesh pink with a few markings of carmine.
Empress—very large, semi-double, beautiful shade of salmon pink.
General Washington—large semi-double, creamy white with delicate pink markings.
Gigantea—semi-double, red with white markings.
Gloire de France—very large semi-double, crimson, center of long yellow stamens.
H. A. Downing—very large semi-double, bright vermilion.
Il Cygno—semi-double, pure white, Waterlily type.
Imperator—very large double, deep salmon pink, irregular petals, intermixed with golden stamens.
Julia Drayton—large salmon pink, lighter toward the center.
Kellingtonia—double, red and white.
Lady Derby—double, rose pink, medium sized bloom.
Lady Hum's Blush—double, white flushed with delicate pink.
Lady Marion—double, deep flesh pink.
Marchioness of Exeter—double, salmon pink, Peony type bloom.
Mathildina Alba—double, very pure white, fine formed flower.
Minerva—single, beautiful clear pink with golden stamens.
Mrs. F. Sanders—single white.
Nobilissima—creamy white petals interspersed with yellow stamens, full double.
Preston Rose—double, pink, a few white markings, Peony form.
Princess Bachinachi—double, medium sized flower, red, white and pink.
Professor C. S. Sargent—full double, crimson, hooded flower, deep crimson.
Sara C. Haste—beautiful full double, flesh pink.
Rev. John Bennett—double, salmon pink, center petals interspersed with golden stamens.
Tricolor Sieboldii—single, red, pink, and white.

William S. Hastie—double, deep vermilion red.

Strange as it may appear, of the scores and scores of varieties referable to the Rose of Japan (C. japonica), none equals the wonderful C. reticulata. This Camellia is easily recognized by its dull green, netted leaves and by its enormous, soft red flowers, each from six to seven inches across, semi-double, with undulated crinkled petals surrounding a cluster of yellow stamens. This gorgeous Camellia was taken to England by a Captain Rawes in 1820 where it flowered for the first time in 1826. In 1824 it was received by the Horticultural Society of London from its collector, Parks. Since that time a century has elapsed and thousands of new plants have been discovered in China, but so far as is known no person has seen this Camellia outside of a garden; neither has any wild species been discovered to which it could be remotely referred, and so it remains an anachronist of the purest water whose origin is wrapped in obscurity.

I mentioned earlier that the Japanese had not taken any particular pains to improve C. japonica but had devoted more time to C. sasanqua. This is also a native species, less robust in habit, and of twiggier growth, with smaller leaves and hairier shoots but with flowers only slightly inferior in size to those of C. japonica. Many of the forms have saucer-shaped blossoms each fully three inches across with a central mass partly of stamens and partly of narrow, sometimes crested petals making a delightful Peony or Anemone-like blossom. Some of the white forms are particularly lovely. Evidently the Japanese garden forms of C. sasanqua were carried by the flower-loving priests and traders to the wealthy cities of China, for several of them were found in and around Canton and taken to England with the varieties of C. japonica. There are many other species of Camellias; in deed, the plant which yields the well known beverage tea is a Camellia. All have attractive flowers but in size and brilliancy of color none approaches those of the three species already mentioned. There is, however, a free-flowering species known as C. cambodia with small white blossoms which I may be pardoned for mentioning since it is one of my own discoveries and introductions.

An Ideal Rock Garden

(Continued from page 139)

first Snowdrops, the rare little early Crocuses and sprightly Pyrenean Daffodils make their appearance, to the time when the autumn Crocuses and Colchicums are blown out of the ground like colored bubbles, and the Michaelmas Daisies twinkle out far and wide among the trees and shrubs at the top of the hill. Here at the top of the hill a very complete collection of wild flowers is assembling, the taller wild things, Foxgloves, Snake-root, But­ter-cup, Mulleins, Cohosh, that would be out of place lower down among the little rare treasures. And bulbs are everywhere; hundreds of Daffodils, hundreds of the gay little Tulip species, Grape Hyacinths, Scillas, Chionodoxas, Crocuses, Trilliums, Stars of Bethlehem and what not.

Altogether it is a lovely garden and one from which many lessons are to be learned. Its plants are in the pink of condition and kept so by intelligent and unremitting care; the associations are delightful, the colors complementing each other most beautifully; and collection of plants itself is of rare interest and variety. Such a garden is far-reaching in its influence and a boon to the neighborhood in which it springs up.
A Page of SCHLING SPECIALTIES for 1930
Last Minute Novelties and Recent Introductions

Do You Know This Secret?

GREEN PEAS, and plenty of them, from June to August—if you follow the simple directions.

Place this collection of 6 choice varieties all at once in this Spring, just as soon as the front is out of the ground, and they will flower in the order named, producing a steady progression of flowers. From about June 15th, till late in August, the reason for this is evident. Peas must be able to supply sufficient moisture to leaf, flower and pod as they rapidly multiply under the hot summer sun. On the other hand, peas are almost always a disappointment, as every experienced gardener knows.

OFFER AA
Absolutely New! Novelties of 1930
A $15.40 value for $12.00

New Istinct Penny Orange Gilt—In this lovely new shade the gold tone is to the most striking and handsome effect, and produces a pleasing contrast and harmony within themselves. The bloom is a rich, deep, orange with a purple blush on the back of the petals, and shows to perfection in a setting of soft gray woolly felt—an attractive flower to any garden. Pkt. 35c; 3 pkts. for $1.00

Columbine Okeefe—A brilliant new shade in the collection of very popular shades and colors, so lovely for cutting and as offsets. Pkt. 35c; 3 pkts. for $1.00

Gentiana Farreri (Gentian)—A bright blue variety from China, bearing bloo™ with a white lining within. Pkt. 35c; 3 pkts. for $1.00

Gentiana Haemorrhoidalis—This lovely new shade is so perfect in every way, and flowers bright mid-season producing a very handsome effect. Pkt. 50c; 3 pkts. for $1.00

Sweet Wivesfield (Dianthus Alwoodii)—This remarkable hybrid has the height of the annual Sweet William, but its flowers are more lasting. Pkt. 75c; 3 pkts. for $2.00

Narcissus 'Salmon箭'—Salmon colored but very pure, with no white margin and without yellow or orange. Pkt. 75c; 3 pkts. for $2.00

Polianthes 'Sophia'—A charming little flower in pure white and without yellow, and fully developed and lovely. Pkt. 75c; 3 pkts. for $2.00

Polianthes 'Fasciculata'—A charming little flower in pure white and without yellow, and fully developed and lovely. Pkt. 75c; 3 pkts. for $2.00

Viola Balsamia—Marked by its lovely color combination, from the purest white and deep rose. Pkt. 35c; 3 pkts. for $1.00

Sowwrite Seeds—So cheap! So good! So sure! SOWWRITE SEEDS AT A BRAND-

OFFER AB
SCHLING'S "Get Acquainted" Collection
A $3.25 value for $1.00

Schiillng's American Beauty Aster—Glistening flowers, 2 inches across, one color in American Beauty. Pkt. 35c; 3 pkts. for $1.00

Schiillng's New Orange Glory California—Golden colored from. Very reliable. Pkt. 50c; 3 pkts. for $1.00

Schiillng's New Annual Double Fringed Hybrid Chrysanthemum—a flowering nine weeks, very attractive in the garden and vase. Pkt. 50c; 3 pkts. for $1.00

Schiillng's Semi-Double Crested Cypresses—Of giant size and splendid. Pkt. 50c; 3 pkts. for $1.00

Schiillng's New Hybrid California Poppies—Large lovely flowers, pure red, crimson, purple, and pink. Pkt. 50c; 3 pkts. for $1.00

Schiillng's New Giant Hybrid Flowered Larkspur—with all others in height of stems, size of flower spikes and general habit. Pkt. 25c; 3 pkts. for $0.75

Schiillng's New French Marigolds—Glorious—Rich ruby flowers, blushed on brilliant velvety scarlet. A gem. Pkt. 25c; 3 pkts. for $0.75

Schiillng's New Empyrium—Orchid Beauty—Pales maroon, with purple tops, and with scarlet tips. Pkt. 25c; 3 pkts. for $0.75

Schiillng's New Giant Early Flowering Pansy—World Famous—Flowers of immense size on long stems. In bloom in June. Pkt. 25c; 3 pkts. for $0.75

Indian Summer

Schiillng's New Superb Snapdragons
Marvelous not only for the garden, but also for the flower vase. Flowers of Immense size on long stems. In bloom in September. Pkt. 75c; 3 pkts. for $2.00

OFFER AF
GLORIOUS GLADIOLI!
100 for $4.00

Champion Variety—Mixing the best and most striking varieties such as the Prima Donna or Orchi Gladiolus, running a salmon or white colored shades from very yellow to an insect orange such as mark the colors of these flowers. Start planting April 1st and every 4 weeks thereafter to June 15th and enjoy a long prodigious bloom of beautiful blossoms. A $1.00 Value for only $4.00 or 50 Bulbs for $2.25.

OFFER AG
Dahlias at 1/4 Actual Value
A $15.40 value for $5

A special arrangement we are able to offer a limited number of these choice Dahlia collection, consisting of 12 excellent Dahlias in 12 named varieties, at a truly remarkable price. Never sold for less than $15.00 before. There is no exhibition variety that will be able to compare in beauty of flower for years to come. Offer A only $4.00 or 50 Bulbs for $7.00

Vendela Fantastico—Undoubtedly the most beautiful bloom of the season! Es startling bloom never before designed to make it the world's supreme variety of this fall for years to come. Offer A only $4.00 or 50 Bulbs for $7.00

OFFER AI
Giant French Poppy Anemones
Marvelous perky-like flowers in wonderful pastel shades ranging from pale yellow to reddish brown, white, lavender, blue, and violet colors. Plant the bulbs in April and May, 1 lb. each of all 6 varieties, 3 lbs. in all, $1.00

Sowwrite Seeds—So cheap! So good! So sure! SOWWRITE SEEDS AT A BRAND-

DANDO KILLRITE
No stepping—no burrowing! A complete dynamite, phosphorus and nitro- gen, and all other noxious weedkillers easily and quickly by depositing a small quantity of the Killrite chemical at the heart of each plant. Absolutely harmless to all animal life, harmless and...
Plant a fence

raise beautiful flowers
shrubs—gardens—lawns

You can't train the public— their first consideration is personal enjoyment.

Page Fence stops malicious trespassing—uninvited picnics—paper-strewn grounds—stolen flowers.


Hartmann-Sanders has published a large, profusely illustrated booklet which offers countless suggestions to those who seek distinction in their home surroundings. It shows page after page of beautiful pergolas, garden houses, ornamental fences, garden entrances, seats, rose arbors, trellises, columns and garden accessories of all kinds. For the booklet, send 30 cents to Hartmann-Sanders Co., Factory and Showroom: 2165 Elston Avenue, Chicago, Eastern Office and Showroom, Dept. P, 6 East 39th Street, New York City.

FEATURES

TO ENHANCE THE BEAUTY

OF YOUR GARDEN

To really enjoy a garden, to set it off to its best advantage—place a few Hartmann-Sanders architectural features at appropriate points.

It's surprising what a great amount of charm can be added to any garden landscape by the simple addition of a stately pergola, pergola enclosure, rose arbor, trellis or shelter house. The added beauty that they provide far exceeds their nominal cost.

Every Hartmann-Sanders architectural feature is the best of its kind, made of the best materials and comes to you painted one coat ready to assemble.

Hartmann-Sanders' designing department work with you in developing garden furniture suited to your particular garden scheme. There is no cost for this service.

A BOOKLET OF PERGOLAS AND GARDEN HOUSES WILL BE SENT UPON REQUEST

NOW CHURCH

BATHROOM FURNITURE IS THE LATEST COLOR VOGUE

The alluring charm of color—gay color—captivating color—has become the soul of modern decorative planning in thousands of interesting homes. And nowhere has it succeeded in creating a more delightful, more fascinating effect than in the up-to-date bathroom.

The popularity of color in the bathroom is readily reflected in the way Church Colored Toilet Seats and Bathroom Stools and Chairs have taken the country by storm. Like the famous Church Sani-White Seats, these new toilet seats designed in color can be attached to any make of bowl in ten minutes' time. They are available in a complete range of lovely pastel shades and richly lustrous sea-pearl tints.

With harmonizing curtains, and bath mats, and other little notes of color which your bathroom may already have, Church Colored Stools and Chairs will add a pleasing brightness which you and your guests will find attractive.

The entire line of Church Bathroom Furniture is covered with a solid, ever-durable material guaranteed to last indefinitely. Church Seats, Stools and Chairs will not chip, crack nor lose their original luster. Any reliable plumbing store will be able to supply you.

We have prepared a Color Folio which illustrates different color combinations you are able to create. It will be sent on request. C. F. Church Mfg. Co., Dept. H-3, Holyoke, Mass.
Elusive beauty of age-old marble

THROUGHOUT the ages, marble has ever been associated with culture, nobility, power. Kings and conquerors have commemorated their triumphs in lustrous marble — great cities and nations have written the story of their achievements in this imperial stone.

And today marble is still in style. Modern interior decorators, eagerly seeking new and strikingly unusual color effects, have found them in the richly veined varieties of marble.

Today, however, you need not be a prince to "dwell in marble halls"—to have handsome marble effects in your home or place of business. For an inexpensive, modern material — Sealex Linoleum — has rivalled the beauty of marble itself.

A challenging statement—but here are pictures to prove it. Look at the realism of these Karnean marbled patterns. Unexpected dashes and splashes of blue and ivory. Flickering red flames. A vivid streak of color sweeping across the tile like a flash of lightning. Almost incredible, that man should succeed in equaling the gorgeous beauty of nature.

All marble's subtle loveliness—and none of its disadvantages. Resilient Sealex Linoleum is warm, comfortable and quiet underfoot — a really "well-bred" floor. And, thanks to the famous Sealex Process, almost as easy to clean as marble itself.

Don't expect to find the wonderful marble realism we have been describing in any other linoleum. The process by which the Karnean designs are made is secret. So remember to ask for Sealex, when buying your linoleum.

"WOMEN'S RADIO INSTITUTE"—look for it in the radio column of your newspaper. A half-hour morning program of delightful entertainment and practical help. Write now—or ask your local dealer—for a copy of the WOMEN'S RADIO INSTITUTE folder with broadcast time-table. (Not yet on Pacific Coast.)

"LEONARDO"—This design was inspired by the works of Leonardo Da Vinci, great artist of the Renaissance period. Note the individuality of coloring achieved by a skillful blending of sky blues, sunset pinks, grays and cream yellows. Sealex Linoleum 3225.

"MARINE" — A beautiful Karnean pattern in Verde Antico marbled effect. Sealex Linoleum 5027.

"SEA ROCK"—Black and Sienna Karnean marble design. Sealex Linoleum 3077.

CONGOLEUM-NAIRS INC., Gen'l Office Kearny, N. J. New York Philadelphia Chicago San Francisco Pittsburgh Boston Detroit Minneapolis Kansas City Dallas New Orleans Atlanta

SEALEX LINOLEUMS Stain-proof—Spot-proof—Easily cleaned.
PRIVACY

Only Dubois can give seclusion immediately... artistically... and serve for years and years without upkeep expense.

WITH over 4 million more cars on the road in 1930, the average American homeowner faces a real problem.

How can he escape the world that rushes by as he sits with his family on the lawn or works in the garden?

If you would find the one conclusive answer to this acute need of modern day living, erect Dubois!

It will safeguard your children at play, exclude picnickers and other trespassers, protect your flowers and shrubs, and shut out the blinding night glare of motor headlights. The quaint, rustic beauty of Dubois will increase the value of your property.

Dubois is also highly effective in hiding unsightly views, screening laundry yards, etc. It requires no paint or upkeep expense, is easy to erect, and lasts a lifetime.

Made complete, by hand, in France of live-cut seasoned French chestnut and rustproof Copperweld wire. Comes ready to erect in sections 5 feet wide, and in five heights: 3'10", 4'11", 6'6", 8' and 10'. Write today for beautiful illustrated catalog with full description and prices.

SEE THE DUBOIS EXHIBITS AT LEADING FLOWER SHOWS:

New York, March 17-22
Chicago, March 28—April 5
Minneapolis, March 29—April 6

Why it Pays to ask for Dubois by NAME

Genuine Dubois lasts many years and does not warp or bend, because the saplings are aged for three years, with typical French thoroughness, and scientifically heat treated before being used. The first installation of this famous fence, made in Westbury, Long Island, in 1901, is still in excellent condition. The test of time proves the wisdom of seeing that the fence you buy is actually branded DUBOIS.
"PRESIDENT HOOVER"

NOVELTY ROSES FOR 1930

"PRESIDENT HOOVER"

This is a glorious Rose, wonderfully free in the easy manner in which it grows and charming in its color arrangement which is a splendid combination of cerise pink, flame, scarlet and yellow, and this combination gives the most dazzling color effect ever seen in any Rose.

The most vivid glowing red Rose that we have ever introduced. While the individual flowers are smaller than many of the red varieties grown today, still it produces quantities of flowers at all times. It is exquisitely fragrant and with its beautiful clean foliage it is an acquisition to any Rose garden.

"CLIMBING ROSE"

"Chaplin's Pink Climber"

Unquestionably the most important introduction in Climbing Roses. It is a cross between Paul’s Scarlet Climber and American Pillar, of strong, vigorous growth, producing its large flowers, similar in size and form to Paul’s Scarlet Climber, very profusely in strong trusses of from 8 to 12 flowers each, but in color it is a rich lively pink.

SOLD FOR OUR

PRICE—$2.50 each; $25.00 per dozen.

THE LITTLE GARDENS CLUB
DAYTON, OHIO

EXHIBIT OF DAFFODILS

Class I—Best collection of unnamed Daffodils. This may include all members of Narcissus family. One specimen of each variety.

Class II—Best collection of named Daffodils. This may include all members of Narcissus family. One specimen of each variety, each marked with its name.

Class III—Best three Yellow Trumpet Daffodils of one variety.

Class IV—Best three Yellow and White or White Trumpet Daffodils of one variety.

Class V—Best three Incomparabilis Daffodils of one variety.

Class VI—Best three Poeticus Daffodils of one variety.

Class VII—Best three Barrii Daffodils of one variety.

Class VIII—Best three Poeticus Daffodils of one variety.

Class IX—Best three Poetaz Daffodils of one variety.

Class X—Best three Double Daffodils of one variety.

Class XI—Best three Hycanths.

A—Named

B—Unnamed

Class XII—Best collection of named early Tulips. One of each variety, each marked with its name.

Class XIII—Best collection of unnamed early Tulips. One of each variety.

Class XIV—Best three early Tulips, one of each variety.

Class XV—Best collection of early spring garden bulbs.

Class XVI—Artistic arrangement of Daffodils.

A—Baskets

B—Vases or bowls

Class XVII—Artistic arrangement of Daffodils, combined with other spring garden flowers or shrubs:

A—Baskets

B—Vases or bowls

Class XVIII—Artistic arrangement of any other spring flowering bulbs alone or combined with other flowers.

Class XIX—Artistic arrangement of any early spring Named.

Class XX—Artistic arrangement of spring flowering shrubs:

A—Baskets

B—Vases or bowls

Rules covering exhibits

Exhibits must positively be in position by eleven o’clock on the first day of the show.

(Continued on page 164)
Permanent Beauty — Increased Property Value

You see them everywhere — Hill’s Evergreens. They add picturesqueness to foundation plantings. Colorful beauty to gardens. And as backgrounds or hedges bring a charm unlike that of any other growing thing. And the passing of the years will not dim their beauty.

Why not you, too, plant evergreens? The few dollars invested will bring you a rich return. And look to Hill’s for your needs. In our 600-acre nursery are untold varieties — all shapes, colors and sizes. For three-quarters of a century we have specialized in Evergreen growing — nothing but Evergreens. Our 1930 catalog is now ready for mailing. It contains practical planting suggestions — a wealth of valuable, usable information, with 50 natural-color illustrations. Send for it today, enclosing 25c (coins or stamps), which will be refunded on receipt of first order.

HILL’S EVERGREENS
D. HILL NURSERY CO., Box 301, Dundee, Illinois
EVERGREEN SPECIALISTS
LARGEST GROWERS IN AMERICA

MEETS EVERY SPRINKLING NEED

The Heavy Duty DOUBLE ROTARY

$750

for LAWNS, FLOWERS and GARDENS

The

Heavy Duty

DOUBLE

ROTARY

Patented

Decide now to increase the beauty of your lawn, shrubbery, flowers and garden this year. Keep them fresh green — ever-growing, ever-blooming — with the Double Rotary Junior Sprinkler.

This all-purpose sprinkler gives you — right at your finger tips — a mist-like spray for seeded flower beds; rain-like drops for lawns and flowers; or a drenching shower for shrubs and gardens. Easily regulated to sprinkle in a circle or on a straight line — to operate as a stationary sprinkler or to rotate. Covers area from 15 to 80 feet in diameter, according to pressure. Plastic construction. Bronze and steel gears operate in bath of oil. Guaranteed — Order now. Try 10 days. If not satisfactory in every way, return sprinkler and money will be refunded. Descriptive literature on request.

DEALERS: Write for Special Sales Proposals.

DOUBIJE ROTARY SPRINKLER Co.
100 Coca Cola Bldg., Kansas City, Mo.

A MILBRADT POWER LAWN MOWER

for every kind of lawn

MILBRADT Power Lawn Mowers are made for any kind of lawn. There are four types to choose from.

They do a beautiful job of cutting and give the lawn a gentle rolling too.

They will trim closely around trees, shrubbery and flower beds. Rigidly constructed and will last for years.

Catalog on request.

The 27 inch

Heavy Duty

Wide Roller Type.

MILBRADT MANUFACTURING COMPANY
Established 1895
2419 N. Tenth St.
St. Louis, Mo.

DOUBLE ROTARY JUNIOR SPRINKLER

for every kind of lawn

MILBRADT Power Lawn Mowers are made for any kind of lawn. There are four types to choose from.

They do a beautiful job of cutting and give the lawn a gentle rolling too.

They will trim closely around trees, shrubbery and flower beds. Rigidly constructed and will last for years.

Catalog on request.

The 27 inch

Heavy Duty

Wide Roller Type.

MILBRADT MANUFACTURING COMPANY
Established 1895
2419 N. Tenth St.
St. Louis, Mo.
In Staging A Flower Show
(Continued from page 162)

A collection must contain more than four varieties.

In class III to XVII, exhibiting classes XIII, exhibits bearing names will receive the award over unnamed entries, in case of close competition. Receipts will be furnished by the Club, except in classes for artistic arrangement.

All flowers must be grown by exhibitors, out-of-doors. Exhibitors limited to one prize in each class.

Exhibitors may not disturb or remove exhibit without the consent of the committee.

THE LITTLE GARDENS CLUB
DAYTON, OHIO

EXHIBIT OF TULIPS

Class I—Best collection of unnamed Darwin Tulips. One of each variety.

Class II—Best collection of named Darwin Tulips. One of each variety, each marked with its name.

Class III—Best three Darwin Tulips of one variety.

Class IV—Best collection of unnamed Breeder Tulips. One of each variety.

Class V—Best collection of named Breeder Tulips. One of each variety, each marked with its name.

Class VI—Best three Darwin Tulips of one variety.

Class VII—Best collection of unnamed Cottage or May-flowering Tulips. One of each variety.

Class VIII—Best collection of named Cottage or May-flowering Tulips. One of each variety, each marked with its name.

Class IX—Best three Cottage or May-flowering Tulips of one variety.

Class X—Best collection of Double Tulips. One of each variety.

Class XI—Best three Double Tulips of one variety.

Class XII—Best collection of Rembrandt Tulips. One of each variety.

Class XIII—Best three Rembrandt Tulips of one variety.

Class XIV—Best collection of Parrot Tulips. One of each variety.

Class XV—Best three Parrot Tulips of one variety.

Class XVI—Best showing of Liliums-of-the-valley.

Class XVII—Best showing of early Iris.

Class XVIII—Best showing of any May flowering bulbs.

Class XIX—Artistic arrangement of Tulips in:

A—Baskets
B—Vases or bowls

Class XX—Artistic arrangement of Tulips combined with other spring garden flowers in:

A—Baskets
B—Vases or bowls

Class XXI—Artistic arrangement of any other spring flowering bulbs alone, or combined with other flowers, in:

A—Baskets
B—Vases or bowls

Class XXII—Artistic arrangement of other spring flowers, in:

A—Baskets
B—Vases or bowls

Class XXIII—Artistic arrangement of flowering shrubs in:

A—Baskets
B—Vases or bowls

Class XXIV—Triumph Tulips.

RULES COVERING EXHIBITS

Exhibitors must be in position by eleven o'clock the first day.

A collection must contain more than four varieties.

In close competition, exhibiting classes XIII, exhibits bearing names will receive the award over unnamed entries. This does not apply to classes I, IV, VII.

Receipts will be furnished by the Club, except in classes for artistic arrangement.

All flowers must be grown by exhibitors, out-of-doors. Exhibitors limited to one prize in each class.

Exhibitors may not disturb or remove exhibits without consent of committee.

THE GARDEN CLUB OF
DAYTON

1—All flowers for competition must have been grown out-of-doors by exhibitor.

2—All exhibits must be entered before eleven o'clock on the morning of the opening day.

3—Flowers in all entries save that of Artistic Arrangement must be shown in vases furnished by the Committee.

4—Only one entry of the same variety may be made in any one class.

5—The term “collection” means only one of each variety and does not signify only the greatest number, but quality, variety, rarity, effectiveness will also be considered.

6—In classes covering Artistic Arrangement, exhibitors will furnish own containers.

7—Exhibitors must state to what class each entry belongs, but the Committee has full power to change incorrect classification.

8—All entries in classes of Artistic Arrangement must be entered and arranged by exhibitors.

9—Entries of professional and amateur growers will be judged separately. The above rules apply only to amateurs.

IRIS

Class I—Collection of named Bearded Iris.

Class II—Collection of Non-bearded and Bulbous Iris. (Including Spanish, English, Siberian and Water Iris)

Class III—Collection of Bearded Iris not named.

Class IV—Collection of Bulbous Iris not named.

Class V—Three stems of one variety of named Iris.

Class VI—Specimen of named Iris.

Class VII—Vase of 10 stems of one variety of Iris.

Class VIII—Artistic Arrangement of Iris alone in basket.

Class IX—Artistic Arrangement of Iris alone in container other than a basket.

PEONIES

Class X—Collection of named Double Peonies.

Class XI—Collection of Single Peonies, not named.

Class XII—Collection of Double

(Continued on page 166)
Special Strain
Giant ZINNIAS

Here is a giant race of this ever popular "Youth and Old-Age." The plants develop into husky 3-foot specimens. The semi-globular flowers, often measure 6 to 6 inches across. Of exceptionally sturdy constitution, the plants bloom profusely all summer long until late fall.

Seven Distinct Colors as follows:
Orange King, rich, golden orange
Rose Queen, a deep rose
Purity, beautiful white
Miss Willmott, soft pink
Lemon Queen, canary yellow
Crimson, almost scarlet
Salmon, rich salmon-rose

Any of above, 15c a packet, 50c per 1/4 oz.
4918 Collection of 7 packets (one of each above) 75c
4918, Collection of 1/4 oz. each of above 7 colors $2.50

The Dreer Garden Book Free
Whatever your garden hopes or dreams, here is a reliable guiding hand to their realization. 224 pages of wise advice and safe offers of the best in Seeds, Bulbs, Plants, Roses, Dahlias, Gladioli, etc., etc.—it's a book hard to put down, once you get into it. Write for it today, mentioning this publication.

HENRY A. DREER
1306 Spring Garden Street

COOL GARDENS
GREEN IN GENTLE RAIN

What can be more inviting than a charming garden, with velvety lawns, luxuriant shrubbery and beautiful flowers fresh and green when hoisted and cooled by gentle rain? BUIKS Automatic Sprinkling System from the day it is installed makes it possible to keep the garden fresh and green without thought of drought or frost—for it is a permanent irrigation system, perfected after many years of scientific research and experiments.

The BROOKS System covers every nook and corner of the garden with a mist large estate or the small garden, at home or away. As fine as the morning dew, and operates entirely automatically whether on the large estate or the small garden, at home or away.


JACOBSEN MFG. CO.
Dept. H.G., Racine, Wis.
New York Office: 307 W. 36th St.

1-30

When Lilies Bloom

Lilac Gardens where lilacs bloom never lose their charm. A few of these "aristocrats of the garden" give that distinction so much sought in the perennial garden.

Our thirty-five years experience in the growing of Hardy Lilies ensures your success. Every pages of our 1930 Garden Book are devoted to Hardy Lilies and we give a special three-page sheet of cultural directions with each order. Here is a selection of Lilies Suitable for Spring Planting:

That will produce flowers from June until Autumn:

$14 COMPLETE COLLECTION $750
(Six of each)

EARLY
L. longiflorum—White
L. regale—Pink and White
L. staphyleum—Orange

MEDIUM
L. hansonii—Orange
L. elegans—Red
L. tenuiflorum—Coral

LATERFLOWERING
L. hansonii—Apricot
L. elegans—Gold-banded
L. tenuiflorum—Pink

Our Garden Book abounds with many similar offers of Ferns and Wildflowers, besides a large assortment of the choicest Hardy Perennials. Now is the time to order for Spring planting. Send for our Garden Book. It is FREE. Let it aid you in your selection.

F. H. HORSFORD, CHARLOTTE, VERMONT
While it is natural to think of the tree surgeon's work in terms of picturesque cases such as this, fully ninety per cent of Bartlett practice centers on the promotion and furtherance of continued health for our clients' trees. Fore-sighted estate owners more and more appreciate the value of a regular conservation program as the really economical and far more satisfactory way.

Feeding, pruning, a regular program of protective spraying do wonders towards maintaining and increasing the health and beauty and all-around enjoyment of sound, healthy trees.

And how satisfactory it is to know that when this program is carried out by Bartlett Associates, it is guided and safeguarded in all its phases by the directing genius of Science. For consultation address Stamford, Connecticut, or branch office nearest you.

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Peonies, not named.
Class 13—Three stems of one variety of named Double Peonies.
Class 14—Three stems of one variety of named Single Peonies.
Class 15—Specimen of named Double Peony.
Class 16—Specimen of named Single Peony.
Class 17—Vase of 19 blooms of one variety of Peony.
Class 18—Artistic Arrangement of Peonies alone in basket.
Class 19—Artistic Arrangement of Peonies alone in container other than a basket.

PERENNIALS
Class 20—A collection of perennials may include bulbs exclusive of Iris and Peonies.

ROSES
Class 21—Three stems of one variety of any Rose.

AQUILEGIA (Columbine)
Class 22—A single specimen of Columbine or a collection.

SHRUBS
Class 23—Artistic Arrangement of shrubbery alone, in a basket. Artistic Arrangement of shrubbery alone in container other than basket. Flowering or Foliage.

DINNER OR LUNCHEON TABLES

Rules
Round or oblong tables will be furnished by committee.
No silver allowed on table. Flowers and fruit may be used but not fruit alone.

ECONOMY LUNCHEON AND ECONOMY DINNER TABLES

Judging Points
Harmony of table........................ 50
Artistic arrangement of flowers... 30
Completeness of table................. 20

FLOWER PICTURES
Flower pictures shown in some of the largest flower shows in America will be open to individual exhibitors.

A SHADOW BOX
Will be built by each of the Garden Clubs in Dayton.

NO RESTRICTION TABLES

Judging Points
Harmony of table....................... 100
Artistic arrangement of flowers... 30
Completeness of table................. 20

ECONOMY LUNCHEON
Table set for first course for four persons having following articles: cloth, runner or doilies, plates, glasses, bread and butter plates, peppers and salts, napkins, two compotes with candy or fruit, flower bowl or holder and flowers. Each article on the table must be itemized and priced.

Disbursed—Any table not having all articles listed above.

FORMAL LUNCHEON
Table set for six or eight—candlesticks and candles may be used—no restriction on cost.

ECONOMY DINNER
Table set for first course for six persons, having the following items: lace, linen or damask cloth, runners or doilies, plates, glasses, peppers and salts, napkins, candlesticks and candles, two compotes with candy or fruit, flower bowl or holder with flowers. Each article must be itemized and priced.

FORMAL DINNER
Table set for six or eight persons. No restriction on cost.
Size of tables may be obtained through The Elder & Johnston furniture department (in whose store the show was held).
Flowers used for tables need not be grown by exhibitors.

It may seem to the new garden enthusiast who reads this article that exhibitions are nothing but work. But they are really great fun and are of such great value—first of all to the committee in charge, then to the club which sponsors them, to those who bring exhibits and to the public who come to see them—that they have become one of the best means of spreading gardening knowledge and love.

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How To Make Shades
(Continued from page 128)

The F.A. BARTLETT TREE EXPERT COMPANY
Operating also the Bartlett School of Tree Surgery, and the Bartlett Tree Research Laboratories
HOME OFFICE: STAMFORD, CONNECTICUT
Branch offices:
Philadelphia Chicago Boston Pittsfield, Mass. Danbury, Conn. Syracuse, N. Y.
Orange, N. J. White Plains Westbury, L. I. Wilmington, Del.
For Quick Growing Shade

Plant the New

CHINESE ELM

Beautiful
Fast Growing
Hardy

Plant this spring and enjoy luxurious shade in a few short years. The 4 year old tree illustrated was 5 feet high when planted. Now it measures 20 feet in height with 18 foot spread—a real shade tree.

The U. S. Dept. of Agriculture says: "The Chinese Elm is very hardy and has proved naturally under a greater variety of climatic soil conditions than any tree yet introduced." Thriving everywhere from bleak Saskatchewan to torrid Arizona it is one of the first trees to leaf out in spring and the last to shed its leaves in the fall. Remarkably free from plant diseases.

We can furnish a limited supply of these beautiful, fast growing, hardy Chinese Elms, ideal for quick shade, in excellent nursery grown stock. Place orders now for spring planting.

We furnish the home—outdoors

Glen Brothers, Inc.
GLENWOOD NURSERY
1763 Main Street, Rochester, N. Y. Established 1866

"We furnish the home—outdoors"

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Illustrating and describing America's most complete assortments of TREES, PLANTS, SHRUBS, VINES, SEEDS, ETC.

Mail this Coupon to:
The Storrs & Harrison Co., 1930 Spring Catalog.

The Outdoor Living Room and Rock Garden

Easy-to-follow instructions on how to plan and plant a modern Outdoor Living Room or Rock Garden. Whether you plan to landscape your entire place or merely set out some new plants, you need this catalog. Send for it.

To the Contrary
ROCKERY PLANTS Are Easy To Plant

YOU don't necessarily have to plant or grow them among rocks. There's many a place in the hardy border where rock plants fit like no others do. If you have a low wall, there's a number of the creeping close-covering blooming kinds, that are a joy to grow on it.

If you have a notion to have the fun of having a rock garden of your own, then send for our catalog on Hardy Plants and Rock Plants. Along with it, we will send you our own fully illustrated book telling in a neighborhood and practical way how to make one. What to make it with. And where to get the right makings. This booklet is charged at cost, 25 cents; which may be deducted from your re-mittance, or will be refunded on receipt of your order.

Wayside Gardens
MENTOR, OHIO

Cooper Power Lawn Mower

Where the Cooper Power Mower is used, frequent and regular cutting of a lawn becomes a pleasure. With it you can easily maintain...
What is the view from your rear window?

When summer comes, will you look out upon a modern Outdoor Living Room? A place where trees in leafy splendor give welcome shade—where shrubs, with graceful foliage, shut out undesirable views—where smiling flowers beckon you out of doors?

Or will you see a picture from which you instinctively turn away—an unattractive "back yard"?

In the modern home, beauty does not stop at the window—it carries on into the garden beyond. By planning now you can enjoy an Outdoor Living Room this summer.

Plan it as you would a room within the house. Let the sod provide a velvety green carpet. Plant shrubs and evergreens to give privacy—trees for shade and fragrance by the generous use of hardy shrubs and evergreens to give privacy—trees for shade and perhaps fruit for your table. Add color and fragrance by the generous use of hardy flowers.

Do this and you have created an Outdoor Living Room—the distinguishing mark of the modern prosperous, happy home. A place that will yield countless hours of happiness for all the family.

Write or consult your nurseryman. Any nurseryman displaying the insignia that appears in these books will help you beautify your grounds. These Books Will Help You Beautify Your Grounds—"How To Plant The Home Grounds," edited for home owners by E. H. "Chinese," Wilson. Send free.


"How To Make An Outdoor Living Room" tells how to plan and plant one. Send 25c.

LAWN ROLLING. There are several definite reasons why a lawn should be well rolled soon after the last of the frost comes out in the spring. The improvement of appearance which follows such treatment is the one which most people think of first, and the ease of subsequent mowing is the second. But perhaps of greater importance than either of these is the fact that rolling firms the soil where the action of frost has loosened it from around the roots of the grass, causing the plants to grow better and more uniformly. Ground that has been rolled in the spring is far less subject to "spring heaving" than one that has not been so treated. Even well-established lawns are distinctly benefited by spring rolling, while those which have been made within a year or so the importance of such attention cannot be over-emphasized.

ANNUALS. However much of an enthusiast one may be on perennial flowers, one cannot escape the fact that some annuals are really indispensable. There are quite certain to develop temperaments in the hardy borders of many gardens, but there are also many annuals which have failed for one reason or another and cannot be replaced so as to be quickly and properly effective. The annuals do splendid service in such an emergency, to mention just one of their many advantages. Another and very important one is their ability to provide a great profusion and variety of blossoms within two or three months of the time seed is sown—in fact, a complete and elaborate garden can be made solely with them. Finally, there are the annuals which no real gardener would do without anyway, for the simple reason that no other plant group can produce their equal.

Iris Soil. In the spring, when flower-bed enrichment is in progress in thousands of gardens, it is well to remember that the German Iris is one plant which does not tolerate the presence of manure in the soil unless it is very old and thoroughly disintegrated. Ground bone is a far safer fertilizer to use on these plants, and it is entirely satisfactory in the results which it yields.

Paper Pots. Young plants which have been grown in individual paper pots have a decided advantage over their less carefully cared for brothers. They are superior because their roots have had no competition in the vital search for food and water, and even more so on account of the fact that, when set out in the garden, they suffer no check in growth. In putting them in their permanent places, they are planted pots and all, thus eliminating any disturbance of their roots. The paper disintegrates under the influence of the soil and the elements, so that as the plants grow, the roots tend through it without difficulty into the surrounding soil.

Food and Drink. It is a well-attested fact that liquid manure, applied at intervals of two or three weeks depending on the condition of the soil in the pots, is one of the safest and best stimulants for house plants. The very nature of its consistency makes it immediately available to the roots, and it contains valuable food in sufficient quantity to nourish the plants without forcing them unduly. The only objection to it is the difficulty of obtaining the fresh material out of which to make it. Even this obstacle can be quite successfully overcome, though, by the substitution of dried cow or sheep manure, obtainable at the larger garden supply stores. If a quart of this material is put in a sack, soaked in a pile of water for an hour or so and then squeezed out, it will give you a liquid fertilizer which will work wonders with under-nourished plants.

Planting Bogs. As we find it on most suburban and country places. The bog is self-sufficient but a tangle of rank growths which have little or no decorative value, especially when they are all jumbled together. To see such an area to despair of ever making it attractive, unless one goes to the expense of having the low ground filled in with good soil on which a regular garden can be established. As a matter of fact, though, it is no herculean task to convert the average (Continued on page 174)
A Garden Full of Gladioli

The Most Popular of All Summer-Flowering Bulbous Plants

For a number of years we have been offering a collection of 50 Gladiolus Bulbs and have sold millions of them, receiving numerous testimonials as to their merits. This year we are also offering a choice collection of named varieties for those who wish to plan their garden according to a color scheme. All bulbs produced under expert supervision on our own Farms.

Special Collection No. 1
For Two Dollars we will send 50 Bulbs of our Grand Prize Mixture, which covers every conceivable shade in the Gladiolus kingdom.

Special Collection No. 2
For Five Dollars we will send 100 Bulbs each of 10 choice named varieties, separately labeled, including:

American, Lavender-pink; Crimsons Glow, Deep brilliant crimson; Bailee, Salmon-pink; Heredia, Pure, moyers; Mrs. Francis King, Vermillion; Mrs. Frank Kennedy, Deep salmon; Mrs. Dr. Norton, Cream and pink; Panama, Rose-pink; Peace, Splendid white; Silver waste, Glory; others.

Simple cultural directions in each package.

Mail your order with check, Money Order, Cash or Stamps, mentioning this advertisement, and Bulbs will be sent immediately. We ship anywhere in the United States

Our 1930 Spring Seed Annual on request.

Bobbink & Atkins
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Hardy Evergreen and Deciduous Azaleas

We grow a very complete collection of these attractive garden decorative plants. They should be used freely in groups with or without other Broadleaved Evergreens. They are most attractive for Rock Gardens and are listed and described in our Evergreen Catalog.

ROSES—Spring Planting

Several hundred thousand, two-year-old, low-budded, field-grown plants. In several hundred varieties, are ready for shipment at the proper season. Many are new and rare; among them are Mrs. G. A. Van Rossem, Mrs. Frank King, Mrs. Francis King, Mrs. Dr., Norton, Cremon, Cream and pink; Panama, Rose-pink; Peace, Splendid white; Silver waste, Glory, others. Also the wonderful Hydrangea Paniculata, Mrs. Frank King, Mrs. Francis King, Mrs. Dr., Norton, Cremon, Cream and pink; Panama, Rose-pink; Peace, Splendid white; Silver waste, Glory, others.

ROSES by Bobbink & Atkins

Ask for Catalogues
Visit Nursery

The 1930 edition is replete with up-to-date varieties—it is more than a rather dry catalogue; it presents late introductions which offer new surprises, and includes many favorites of olden days. Many are illustrated in color; correct descriptions, concise, helpful way. It's an authoritative guidance presented in such a simple, concise, helpful way. It's for you upon request.

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Better and Better Results

Each year brings better results from the Moto-Mower, for the very good reason that the Moto-Mower grows better and better mechanically. This year many noteworthy improvements are incorporated in the three sizes, or models, in the Moto-Mower line.

The Detroit Model this year has a new reel throw-out clutch which releases the cutting reel, so that the cutting and traction units operate through separate clutches.

New frame construction permits complete removal of the reel almost instantly—known as “drop-out” reel.

A weed clipper can be obtained for this model at small extra cost. Obtain complete information on all Moto-Mower Models by asking for our new 1930 catalog.

THE MOTO-MOWER COMPANY
3247 E. Woodbridge Street
Detroit, Michigan

Moto-Mower

A Twist of the Wrist Guides It

BETTER AND BETTER RESULTS

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A French Frontier
on an
American Estate

It suggests an etching...this picture of peace and beauty. And its charm lies not only in the utter simplicity of its colonial architecture but in the added artistry of the touch of the old world...its woven wood fence.

French Provincial it is called. Its name brings to mind its inspiration...sturdy...protective...graceful. From the provinces of southern France where thrift and decorative qualities are anticipated equally.

Today, bordering the American estate, the French Provincial Woven Wood Fence serves many purposes. It screens its enclosure from gaze and intrusion. It softens the glare from the highway and it presents to the outside world an effect both distinguished and distinctive.

Only live young chestnuts are used to make its lasting palings. Copperwood rust-proof wire is used to weave them together and a firm stripping across the back insures them against the wear of time and the elements. The natural wood requires no painting. Comes in four heights 6'6", 4'6", 3'10", and 1'8", in five foot sections ready to erect.

An interesting story "Fence and Defence" which includes, as well, information about other Reevshire products will be sent without obligation, on request.

French Provincial
Woven Wood Fence

Pat. Appl. for
A Reevshire Product.

Robert C. Reeves Co.

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Oldest and largest distributors of wooden fences in America.

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Please send me "Fence and Defence" without cost.

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170
A Water Lily Pool for every garden ~

New beauty, gorgeous new colors and fascinating new interest may be added to your garden—and at surprisingly little cost—by the addition of a Water Lily Pool.

There is room in every garden, large or small, for a Water Lily Pool or at least a simple tub garden. Marvelously beautiful effects can be achieved quickly and with little effort.

You Can Enjoy a Water Lily Garden This Summer

Water Lilies are the easiest of all flowers to grow. They require no weeding, hoisting or watering. The plants are inexpensive and their growth is rapid and certain.

Beautiful Catalog Free

It pictures and describes Water Lilies, Aquatic Plants, Ornamental Fishes, etc. Many illustrations in full color. Tells how to build a pool inexpensively or plant a tub garden and gives full cultural directions. Write for it.

Complete Collection Popular-Size Pool
171 different colored Lilies; 15 Aquatic Plants; 2 pair Giant Goldfishes; 12 Calico Fishes; 22 Tubulidae and other Natives; 1 B. Pygmaea Water Lily Potted.
All for $25

Ganges Trio of Water Lilies $4.50
Three Water Lilies of exotic beauty. Frank Tracleer (dark crimson); Contalka (pink blue); Chromatella (best yellow).
All three for $4.50

IDEAL Power Mowers mean smooth, close-shaven grass. The two Roller Type mowers cut a 22- and 30-inch swath. (They roll out burs as they cut.) The Wheel Type (for heavy or light rings) cuts a 22- and 24-inch swath.

The Ideal "25" illustrated above, cannot be surpassed for general cutting work. It is easily guided around obstructions and over walks. The power is controlled from the handles.

With it, fewer workmen are needed. Maintenance and running costs are low on these strong and simple motors. For private lawn and public park, school grounds and gardens, there is an Ideal that can insure better grass and lower cutting costs. Write for illustrated details.

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412 West Chicago Avenue
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363 Stockton Street
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101 Water Street
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Canadian Distributors:

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Order your
KUNDERD Gladioli
Early—this year

Golden Anniversary Gladiolus Book—FREE

The Kunderd Golden Anniversary Gladiolus Book celebrates Mr. Kunderd's fiftieth year in the gladiolus business. During the half century Kunderd has originated hundreds of varieties of gladioli and a number of distinct new types. Among them are the famous Ruffled Gladioli, known and admired all over the world. The dainty fringed Laciniated type is another of Mr. Kunderd's originations.

It pays to buy gladioli from the man who originates them. You get better stock, gladioli that are sure to bloom, true to type, healthier, more vigorous and colorful. Thousands who grow gladiolus by the hundred every year will have none but Kunderd Gladioli. They say that there are none to compare with them. Try them yourself.

Write for the book. It contains articles of interest, directions for planting, introduces 110 new varieties, pictures 61 in color and offers many Golden Anniversary specials. Use coupon.

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Dear Sir: Please send me your FREE Golden Anniversary Gladiolus Book.

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New Vegetables and Flowers for 1930

And now you may enjoy fresh from your garden the luscious flavor of the new Bureau "Gold Cents" Sweet Pea, a beauty lower in price than ever before. The Burpee or the world-famous "Burpee's Golden Bantam." Read about the new type "Ruffled" Sweet Pea, new "Gold Medal" Dahlias, new "Mitzi" Giant Flowering Snapdragons, and others. Write for a free copy of Burpee's Annual Garden Book today.

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Send me a free copy of Burpee's Annual Garden Book today.

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---END---

HENDRICKSON'S SPECIAL OFFER

If you will send us 10 cents, and mention where you saw this advertisement, we will mail you Hendrickson's new catalogue, "EVERYTHING FOR THE GARDEN," and the new Hendrickson 25c Rebate Slip.

Every Rebate Slip Counts As Cash

The Hendrickson Rebate Slip, when returned to us, will be accepted as 25c cash payment on any order of Two Dollars or over. In addition, we will include with your order, without charge, our Hendrickson Specialty Collections of six of our best-known introductions. One packet each of Ponderosa Tomato, Big Butter lettuce, Early Season Turnip Radish, Immovable Avoce, Blatante Mauve Petunia, and Giant Woodruff Spencer Sweet Pea.

"Everything For the Garden"

is the title of our annual catalogue. For 1930, it is a book of 200 pages, with 150 beautiful color plates, 64 pages of monographs in various colors, and over one thousand illustrations, drawn from actual photos. This catalogue is the result of the most complete catalogue we ever issued.

PETERSON'S ROSES

Recognized by successful Rose growers to be the best which branded professional growers of skilled and enthusiastic Rose culture.

"A LITTLE BOOK ABOUT ROSES"

New—Unusual—Beautiful . . . The annual delight of Rose Lovers

This volume honestly describes all the worthwhile varieties, pictures many of them in true color, and gives complete information upon cultural methods. It is truly a volume which makes it possible for the reader to know the very best and to enjoy the very best.

BETTER FREE UPON REQUEST except in Pacific coast states, volume will be plainly mailed upon receipt of 25c in stamps.

GEORGE H. PETERSON, INC.
Rose and Peony Specialists
Box 30
FAIR LAWN, N. J.

ADD BEAUTY TO YOUR GARDEN WITH A Water Lily Pool

Full information on building and erecting a water garden is found in our new 32-page catalogue. Many of the choicest, rarest, and rarest, New postcard collections are shown. You should not be without this facts and beautiful handbook of water lilies here. It is free—send for catalogue today.

JOHNSON Water Gardens

NORTHERN GROWN

Rock Garden Plants

Hardy Perennials

Our New Sweet Scented Lepines will enhance your gardens

Our plants are northern grown in a climate along the shores of Lake Superior, giving them vitality unequalled.

Our illustrated catalogues will be mailed on request.

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13707 Blue Springs Road

WASHBURN, WISCONSIN

Scotts Creeping Bent for Perfect Lawns!

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

The New Super-Lawn

Creeping Bent—long recognized as the ideal grass for golf putting greens—is now producing Super Lawns. Instead of a Turf, you plant seeds or the chopped grass—and in a few weeks you have a luxuriant lawn like the deep green pile of a Turf carpet!

O. M. SCOTT & SONS CO.
256 Main Street
MARYSVILLE, OHIO

(Continued on page 175)
Gardening Guide
(Continued from page 177)

FOR SHADY LOCATIONS

COLDWELL

FOR DRY LOCATIONS

WET OR MOIST LOCATIONS

These 4 items all for $2.25 post. pd.

Send your $1.00 today

A modern motor lawn mower for every purpose and purse

When you invest in a Coldwell motor lawn mower and roller, you have a machine that embodies advanced engineering precision, abundant power plus the experience and reputation of the world's largest lawn mower manufacturer.

There's a size and style of Coldwell motor lawn mower at the price you can well afford. Your dealer will demonstrate. Write to factory for descriptive literature.

Roses, half-price

Any clever writer can give glowing accounts of the qualities of an article— we prefer, to send samples of our guaranteed-to-bloom Star Roses, and let you judge their quality before placing your season's rose order.

For $1.00 we will send you, postpaid, two superbly-bloomng roses, named below, value $1.00 each, a copy of our famous and attractive price 25 cents; and the most help- ful spring catalog we have published in 35 years—full $2.25 value.

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Send your $1.00 today

A modern motor lawn mower for every purpose and purse

When you invest in a Coldwell motor lawn mower and roller, you have a machine that embodies advanced engineering precision, abundant power plus the experience and reputation of the world's largest lawn mower manufacturer.

There's a size and style of Coldwell motor lawn mower at the price you can well afford. Your dealer will demonstrate. Write to factory for descriptive literature.

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In Canada—Taylor-Forbes Co., Ltd., Guelph
Manufacturers of Dependable Lawn Mowers—
HAND, ROSE, GASOLINE, ELECTRIC
The Gardener's Scrap Book
(Continued from page 165)

small natural log into a feature of great interest and very real beauty. Most of the stuff found growing in it can be hauled out, roots and all, at the cost of a little muscle work and plenty of mud from head to foot. Even an hour or so, energetically applied, will make such an impression that one begins to see definite areas for replanting with more decorative things.

In selecting materials, the catalog of the dealers in native plants will prove extremely helpful. Exotic flowers and shrubs should be avoided, emphasis generally being laid on those things which are indigenous to your part of the country, if not the immediate neighborhood. An idealized natural effect is the one to be sought—unless, indeed, the whole space and its surroundings are to be converted into a formal water garden.

FLOWERING BRANCHES. It is not infrequently happens that the branches of spring-flowering trees and shrubs which have been browned indoors for forcing in water fall to open their buds. Examination usually shows that the outer covering of these buds has dried and hardened, making it impossible for normal expansion to take place. This trouble is most common in rooms where the dryness of the air is not alleviated by some kind of humidifying device. Also, it is not likely to apply to buds which had already started to swell at the time of cutting.

It is always wise, as a precaution against disappointment, to moisten buds once or twice a day until they actually begin to open. This may be accomplished by steeping them in a basin of water or, if more convenient, by the use of a fine sprayer. In either case the effect will be to keep the exterior surface soft and facilitate normal expansion.

POISON IVY. This genuine pest, beautiful to look upon but extremely annoying to touch, is the bane of so many country dwellers’ existence. In the past it has been impossible for insecticides. Ordinary methods of eradication, short of actually grubbing out every particle of root, are only half-way successful. Much better results follow upon the scheme of cutting through each main stem near the ground and thoroughly anointing the stubs and the immediately surrounding soil with a standard liquid weed killer.

MARCH MARIGOLDS. The unfolding of the first tree leaves above a thousand swamps is accompanied in the bog below by one of spring’s finest displays, the golden carpet of the March Marigolds. Winter-scarred souls welcome this token of warmer days as eagerly as they do the shy faces of the Hepaticas on the rocky knoll or the fragrance of Trailing Arbutus drifting through the Oak woods.

Our 1930 Catalogue is Free
Send for it Today
Do you love a fine flower or vegetable garden—beautiful shrubbery—pretty evergreens? Our new catalog, just off the press, will tell you how to have the best—at the lowest prices. We specialize in fine evergreens of all kinds, ornamental and forest birds. Shrubs, roses, perennials, garden border and perennial seeds. We have everything that you may want to grow, either for pleasure or profit. Write for your catalog NOW.

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Painesville, Ohio

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100 NEW LILACS Brand Stock

Each LILACS... All named and the most favorite


Easy to grow. FREE with any order. Order yours NOW.

Our 1930 Catalogue
Heretofore regarded by many as a text book of the dahlia, this is year finer than ever before. Yes, complete a great deal of interest and very real beauty. In selecting materials, the catalog of the dealers in native plants will prove extremely helpful. Exotic flowers and shrubs should be avoided, emphasis generally being laid on those things which are indigenous to your part of the country, if not the immediate neighborhood. An idealized natural effect is the one to be sought—unless, indeed, the whole space and its surroundings are to be converted into a formal water garden.

There is Wilson's SCALE-O... the powerful dormant spray so necessary to the successful growth of fruit and other trees. Scale-O kills Scale insects and eggs. Protects all deciduous trees, especially in cold water... covers very rapidly and evenly. 1 Gallon $2.00; 5 Gallons $9.00; 10 Gallons $15.00.

Our 1930 Catalogue

Send for Free Catalog of Dwarf Fruit Trees
Apple Peach Cherry Plum Pear Apricot

They fruit in half the time—need half the usual space. Are much smaller in size, easier care for and very easy to pick.

Make Your Grounds Beautiful with Vans Dunse

Vines Roses Trees Shrubs

Planting Sketches Free
Our catalogue is check-full of good things to plant. Ask for it.

VAN DUSEN NURSERIES
Box H, Geneva, N. Y.

Easy to have BEAUTIFUL GROUNDS
Neresov's Green's Guide, 41 pages. A 4 full-color plates. 120 full color plates. This book is a complete guide to the successful growth of flowers and ground covers. It will aid you in selecting the right kind of flowers and ground covers for your garden. We have over 100 catalogs of choice, each one illustrated with a full-color plate. This book is very much pleased with his new edition in 1930. 50.00. Our fruit customers buy four copies a year. In our book, our own guide, and our guide to all kinds of fruit.
The Gardener's Scrap Book

(Continued from page 174)

It is not generally known that the Marsh Marigold can be forced to bloom indoors considerably earlier than it flowers in its natural haunts. All you have to do is lift the clump —roots, mud and all—when you first show and put it in a good-sized bowl in a sunny window. Add enough water to come up to the crown of the plant and you will be delighted with its response to your attentions.

SALTING ASPARAGUS. The purpose of scattering salt over the Asparagus bed in the spring is to discourage the pest of weeds which otherwise would probably prove troublesome in the rich soil. It is desirable if the salt has any stimulating effect on the Asparagus; it is merely a repellent for unwelcome invaders. The kind of rock salt that is used in ice-cream freezers is the best sort to use.

SEED SOIL. A great deal of the success of seed sowing operations depends upon the character of the soil in which the seeds are sown. The idea type is a light loam containing plenty of humus. Soil of heavy nature, which is likely to cake on the surface, must be carefully avoided. A good test of consistency is to take some dirt and squeeze it in the hand. When released, it should retain its compressed form but crumble apart at a touch. It is not necessary for seed soil to be well enriched; in fact, it will be better if only a moderate amount of plant food is contained in it, for over-stimulation in the first stages of growth is not advisable.

PRUNING MAPLES. Whereas most tree-pruning work should be done during the dormant season, trimming the Maples is best accomplished just as their leaves are unfolding in spring. At this stage the trees are approaching their great tissue building effort and are favorably situated to heal quickly the small wounds which ordinary trimming entails. Further than this, the new wood which will soon be forming in the natural course of growth will be benefited by the diversion to it of that energy which otherwise would have gone into the parts which are cut away.

SWEET PEAS. These justly favorite flowers can hardly be given too early a start in the spring, for their success in the garden will depend largely on how good their preparation for the development becomes before the advent of hot summer weather. It is this fact which suggests planting the seed in paper pots indoors or in a hotbed early in March. Put two or three seeds in each 3" pot and, after they are well grown, discard all but the strongest plant. When it comes time to set them out in their permanent places, put pot and all a couple of inches below the ground level and fill in as they grow.

If You Grow Rhododendrons
Laurels, Azaleas

Or other broad-leaved Evergreens, you must provide special soil conditions.

RHODO-GRO

is the original and perfect soil corrective for these acid-loving plants. It was developed by us in cooperation with a famous grower of Rhododendrons and tested in his nursery. Since 1925, it has been used with great success by breeders of these beautiful Flowering Evergreens. Rhodo-Gro reproduces the soil of the native Rocky Coast of the deep woods, the natural home of these Ericaceous shrubs.

100 lbs. Prepaid $5.00
Send us $5.00: we'll ship you a 100-lb. bag of Rhodo-Gro—enough to mulch 7 square yards. Freight prepaid to stations within 100 miles of New York or Philadelphia.

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Feed your plants clean, rich food this easy way

Then watch them grow in beauty!

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TRADE LITERATURE
OF INTEREST TO THE GARDENER

Each month there will be briefly reviewed on this page a number of the new brochures, pamphlets and catalogs which have been issued by concerns in the building, decorating and gardening fields. This issue is devoted to those in the gardening field.

- SEEDSMEN
  Everything for the Garden, Peter Henderson's catalog is a long established volume which covers the whole field of vegetables, flowers and many of the smaller fruits. It is compendium of information for the home gardener, and it is especially valuable because everything contained in it has been thoroughly tested. This new issue for 1930 has the usual number of new and recent introductions which will interest those who want the best. PETER HENDERSON & COMPANY, 35 & 37 COURTLYN STREET, NEW YORK CITY.

- NURSERY STOCK
  Totty's Catalog. The Chrysanthemum lover in particular will find a wealth of interesting material in Totty's catalog. This firm has long made a specialty of Chrysanthemums and offers a list that is unusually complete. The catalog also contains Totty's specialties in Roses and certain other types of plants which are of exceptional quality. Among the particularly outstanding offerings are an Apricot Colored Viola and several choice Delphinium varieties. Totty's, MADISON, NEW JERSEY.

- WATER GARDEN PLANTS
  Water Lilies. The old fashioned list of varieties which used to be offered by the Water Lily growers is a thing of the past to judge by this most recent catalog from William Tricker, Inc. The Tricker Company looks upon the water garden as a complete unit and supplies everything which goes into its make-up except the water. The catalog contains concise lists and descriptions of aquatic plants, ornamental fish, bog plants and various accessories. WILLIAM TRICKER INC., SABDE RIVER, NEW JERSEY.

  JOHNSON WATER GARDENS. Another excellent water garden booklet comes from the Johnson Water Gardens. In offering plant material and fish is varied and well chosen to meet the requirements of everyone who is interested in this sort of gardening. Of particular value are the pages devoted to the pergolas, garden seats and well-designed garden furniture. A description of the equipment shown, is given under each illustration. The hand prop­er­ties of the designs can always be changed to suit the exact requirements of any particular space. HARTMANN-SANDERS COMPANY, 2135-67 ELSTON AVENUE, CHICAGO, ILL.

- GLADIOLUS
  KUNDELL'S 50TH ANNIVERSARY. Half a century of work with the gladiolus is reflected in a list of varieties of this flower in many varied colors and forms. Mr. Kundeell tells of his years of work on the Ruffled and Laciniated types of Gladiolus. The booklet is profusely illustrated, many of the pages being in color. A. E. KUNDELL, GOXEN, IND.

- HARDY PERENNIALS
  HARDY PERENNIAL FLOWERS. A feature of this booklet is an ingenious rotating dial which, in seven different positions, shows harmonious color effect that can be secured in a garden. It lists the plants that achieve these colors and shows the way in which they should be planted. There are so many catalogs that take for granted that their purpose is only to sell merchandise, that it is a pleasure to find one that assists in the proper growing of the plants. SIMON & SCHUSTER COMPANY, 30-32 BARTLEY STREET, NEW YORK CITY.

- ALPINES & PERENNIALS
  HARDY HERBACEOUS AND ALPINE PLANTS. The Way­side Gardens published another edition of their HARDY HERBACEOUS AND ALPINE PLANTS. The descriptions are brief and the book is copiously illustrated. In addition to the plants after which the catalog is named and House Plants and Alpine Seeds it includes a list of very informative books on plants for different purposes. There is also an index in the back of the book. The Wayside Gardens announce in this catalog that they have arranged to be the American Agency for Henri Correvon whose writings on Alpine plants in House & Garden are well known. THE WAYSIDE GARDENS COMPANY, MENTOR, OHIO.

- HUMUS
  RHODO-GRO FOR RHODODENDRONS. The purpose of this product is to supply all the conditions necessary to enable the ordinary garden soil, which is usually un­suitable to the growing of Rhododendrons to produce luxuriant Rhododendron plants. RHODO-GRO supplies the necessary acidity in the soil. Detailed instructions in the back of the catalog show how the various purposes for which they are used.

  WILLIAM THICKER INC., SADDLE RIVER, NEW JERSEY.

- CONCEALED IRRIGATION
  RAIN FOR THE ASKING. The Skinner System as shown in this booklet is a concealed irrigation system which can be used for either small or large areas. One of its virtues is the fact that its distribution is uniform and it will not bruise tender plants. Illustrations, diagrams and text describe the details. Space is also devoted to an explanation of the advantages of irrigation and proper watering in general. THE SKINNER IRRIGATION COMPANY, TROY, OHIO.

  THE LAWN BEAUTIFUL. A beautifully illustrated book­let showing a number of estates, the lawns of which are entirely covered with the IDEAL POWER LAWN MOWING System. This system consists of a number of sprinkler "heads" set in the lawn at intervals and connected to small pipes. A complete installation plan showing the correct location, the size and the number of sprinkler "heads", valves and pipe, will be furnished to anyone planning to install a system. A specimen plan is illustrated in the back of the booklet. TROMSMORE MANUFACTURING COMPANY, 2251 EAST 5TH STREET, LOS ANGELES, CALIF.

- CONCEALED IRRIGATION
  RESTICKSTOWN WOODEN FENCES. Several photographs of installation of Rustickstow fences appear in this attractively covered booklet. Rustickstow fences in two types, English Hurdle and Post and Rail. Both styles are described and photographs of recent installations, particularly the various purposes for which they are used.

  SAMUEL H. TEBBELL, MALVERN, PA.

- GARDEN FURNITURE
  RUSTIC CEDAR FURNITURE. Potash-Marl, Inc., make a specialty of rustic cedar furniture. It is made from wood from which the outer bark has been stripped. The inner bark will retain its natural color and beauty regardless of the weather. Several pieces are illustrated, and dimensions and prices given for them. This firm also designs and constructs log cabins and rustic garages. POTASH-MARL, INC., 15 EAST 40TH STREET, NEW YORK CITY.

- LAWN MOWERS
  MOTO-MOWER GRASS CUTTER. The advantages in using the MOTO-MOWER as a power lawn mower are described in this catalog, which contains several beautiful color illustrations. Because of its unusual strength, its lightness in weight and its ample power this machine is possible to cut from four to five times the area possible by hand mowing, and with a minimum of labor. The text and illustrations describe the construction and operation of this machine. A small model for moderately sized lawns is shown. THE MOTO-MOWER COMPANY, 320-2226 E. WOODBRIDGE STREET, DETROIT, MICH.

- LAWN MOWERS
  IDEAL POWER LAWN MOWERS. For over twelve years this company has devoted its experience and facilities to the development and production of dependable power mowing equipment for large lawns. Ideal Power Mowers are built in types and sizes suitable for carrying requirements on lawns of every character. Illustrations show the various sizes in which these machines are obtainable, and mechanical drawings show their construction. IDEAL POWER LAWN MOWER COMPANY, LANSING, MICH.

- FENCES
  RUSTICKSTOWN WOODEN FENCES. Several photographs of installation of Rustickstow fences appear in this attractively covered booklet. Rustickstow fences in two types, English Hurdle and Post and Rail. Both styles are described and photographs of recent installations, particularly the various purposes for which they are used.

  SAMUEL H. TEBBELL, MALVERN, PA.

- surface binder
  SOLVAY CALCIUM CHLORIDE. We are told in this book­let that Solvay Flake Calcium Chloride is a natural dust layer. It keeps down the dust and acts as a surface binder. What it is, how it works and how it is used is all explained fully. It is used for roads and driveways, and is excellent for Tennis Courts.

  SOLVAY SALES CORPORATION, 40 Rector STREET, NEW YORK CITY.
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**This summer, and for all the summers to come, assure yourself of finer lawns and gardens at less cost and effort.**

Sprinkle your lawn the modern, scientific way. The old drudgery method is no longer necessary.

A Thompson Concealed Lawn Sprinkling System will water your entire lawn by a mere turn of the control.

This scientific and permanent sprinkling system assures every square inch of lawn being uniformly sprinkled. It cuts down water and gardener bills. It eliminates sprinkler upkeep. It pays for itself in from one to three years.

And the cost of installation is surprisingly low.

See your plumber or sprinkler installer. Or mail the coupon below for full details.

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For the job upwards of ten acres in size, and partly or entirely with shrubbery, there is no better mower than the TRIPLEX. It enables one man to do the work of many.

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It costs little to run or maintain. For large estates, the TRIPLEX can mean better-looking lawns at lower cutting cost. Send today for full details.

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**Ah! A BIRD SANCTUARY**

Birds add untold interest and pleasure to any grounds or estate. Learn how to attract only beneficial song birds who thank you not only with cheery song, but by destroying harmful insects, moths and mosquitoes. A Martin colony, for instance, will keep your premises free from mosquitoes and other biting insect pests.

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He will be glad to hear from any home owner interested in helping preserve America's song birds and to confer personally regarding the construction of a sanctuary or the proper location of bird houses on your property. Even a small garden can be made a haven for our beautiful birds. Write Mr. Dods today in you should have your houses ready for the birds when they come with the first warm spring days.

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A Book Will Be Sent to Those Interested—

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**Just remember this—to begin with your garden is soil... only soil... and the manner in which you prepare that soil will positively determine how well satisfied you will be with the plants you grow.**

Plants cannot move around to secure their food and drink, so the soil in which they grow must attract and store sufficient for their needs.

In their efforts to produce this soil condition, people often over-fertilize when they should properly condition the soil—make it physically correct.

If it is too sandy, or too clayey, or soil that lacks organic matter and humus it is not in the right condition to produce good results.

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They have a subtle air of charm and graciousness... in their furnishings... their arrangements for living comfort... especially telephone convenience.

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