## House \& Garden




## RICHARDSON 1eproduct

From the makers of Flex-atile Housetops, Viskali Membrane Roofs, Viskot, and similar products

The home of Harry Sharp,
Esq.,Brendenwood, Indianapolis, Rober t F. Daggett, Architect. John Curry Construction Co., General Contractors. Richardson
Multicrome Roof applied

## Distinctive beauty marks the roof of this Indianapolis home

A roof with a wholly unique thatched effect of weat hered brown adds the final touch of beauty to the country home of Harry Sharp, Esq., Brendenwood, Indianapolis.
This unusual roof wassecured by cutting Richardson Super-Giant slate-surfaced shingles into different shapes and sizes; and by using them for the ridges and valleys as well as on flat surfaces.
The distinctive color of this roofweathered brown-is found only in the Richardson çuarries of Georgia. Millions of tiny slate flakes in this rare color not only add new beauty to a roof but scal each shingle permanently against weather and fire hazards. Years of weathering only deepen and enrich their mellow tones.
The Richardson Multicrome Roof This, however, is but one example of the beautysecured in the Richardson Multicrome Roof. Many


The Super - Giant Shingle - $50 \%$ morer. cionomical more rigid, and $35 \%$
other effects are possible-one to harmonize with each color scheme and sure to please your taste. Weathered brown, for instance, has also proved popular when applicd in combination with other Richardsonshinglesof jadegreen, tile redor black bearl and the new opal roof, built from the newRichardsonopalshingles, is greatlyadmired by both architectsandhome-owners

The new colors, opal and weathered brown, are used only on the Richardson Super-Giant Shingle-famous for its beauty and cconomy

With its inner foundations of Richardson felt, for fifty years recognized as the best; coated and saturated with Viskalt. the vacuum-processed waterproofing, $99.8 \%$ pur bitumen,theSuper-Giant assureslasting beauty for your roof.

## Prove the facts

 yourself Goto your nearest dealer in lumber, hardware orbuilding material, or to your contractor and ask to see the color combinations in Richardson Multicrome Roofs. Also a ${ }^{k}$ to see the Super-Giant shingle in weathered brown and opal. Note the rare color and larger size. Then compare it with other shingles-the difference will convince you.
Meanwhile, send for our beautiful new booklet, Roofs of Distinction, showing the exclusive color combinations of Richardson Multicrome Roofs, and containing valuable roofing information. Or, ask for our booklet, Roofing on the Farm. Just use the coupon below.

For every roofing need there is a Richardson prodor every roofing need there is a Richardson prodRoll Roofing with Pyramid Kaps. Ifyou arean accredited distributor of building materials, perhap you can secure the Richardson franchise for your territory. Just write us

The RICHARDSON COMPANY Lockland (Cincinnati), Ohio
Chicago New Orleans New York City Atlanta

Dallas
Clip and mail this coupon

- THE RICHARDSON COMPANY

Gentlemen: I am considering roofing for
Pleasc send me ${ }^{\text {(types of bulldings) }}$
casc send me
ロRoofs of Distinction $\square$ Roofing on the Farm (Check booklet w.anted)
Name
Address..

Bishopric is a protection against moisture and dampness and will keep you warm in winter and cool in summer. Your fuel bills will be automatically cut by Bishopric.

Insist upon Bishopric Stucco over Bishopric Base. The first cost of Bishopric is low. There is no upkeep cost of painting and renewing. This means a saving for you now and afterward.

## B00KLET

Send for our illustrated Booklet explaining the advantages of Bishopric. It is yours for the asking.

Residence of FA.Pistorious,
Rochester, $N$. .


THE BISHOPRIC MANUFACTURING CO.
 BISHOPRIC


PENNSYLVANIA RUBBER CO. OF AMERICA, INC., Jeannette, Pennsylvania


Debonnaire, yet distinguished, the Studebaker Light-Six Sedan pictured bere bespeaks the eloquent distinction between that which is bizarre and the unostentatious smartness of good form which characterizes coachwork by Studebaker. The price is $\$ 1485$

# Gachmoker to the Clanerian (aritomacy since the days of Lincoln and Grant 

Tread a list of the crests imprinted on the panels of Studebaker carriages is to read "Who's Who" from the days when America was in the making-names distinguished in finance, letters, the arts, in the world of social leadership and diplomatic attainment

For more than 70 years Studebaker has been famous internationally as builder of the superlative in fine vehicles; and the Indiana center of South Bend as a city of Coachmakers - a world-Mecca to artisans of this craft.
There, today, in the great Studebaker body building plants, fathers and sons and grandfathers, born in veneration of this tradition, vie with each other in attaining that which grants no comparison. To them fine workmanship is a religion, and coachmaking a life work.
For fine vehicle making the world now, as always, looks to Studebaker. No other body maker has the Studebaker experience. No other the Studebaker traditions to inspire him.

Debonnaire, yet distinguished, a Studebaker closed car marks the ultimate in a fine car.

It embodies the experience of years in meeting properly and precisely the wishes of the cultured.

Its smartness is the unobtrusive smartness of good taste. Its luxury the repressed luxury which reflects the personality of an owner whose position is assured.

The upholstery is of fine Chase Mohair of a


#### Abstract

color to harmonize with the hangings. The fittings bear the stamp of simple good form. The accessories are a fascination to one who appreciates completeness. Nothing has been forgotten. One's every whim or fancy is met as quickly as the thought that prompts it.


EVERY LUXURY EXCEPT PRICE
Low price is the only contrasting feature of a Studebaker.
By producing 150,000 quality cars yearly - the world's largest quality production-Studebaker effects important economies in manufacture, which are reflected in Studebaker prices.
The finest materials money can buy are used in Studebaker cars The workmanship employed is the cream of the industry, to whom top wages, plus a bonus, are paid. There are numerous features in Studebaker found only in cars costing twice and more its price.
Every Studebaker undergoes over 30,000 in spections in the course of manufacture. The finest precision machinery the world affords is used by Studebaker. Over 750,000 Studebakers have been made and sold. The average cost for repair parts, as shown by actual repair parts sales, is $\$ 13$ per car per year
Remember that fine materials and fine workmanship are all that any manufacturer can embody in his car, regardless of the price you are asked to pay. And that these, plus a 72 year reputation for fine vehicle making, are in every Studebaker.

Pay more, but you can get no finer mechanism, no more dependable and distinguished car than Studebaker.

# S T U D E B A K ER <br> Detroit, Mich. <br> South Bend, Ind. Walkerville, Canada 

 These fixtures are in perfect harmony with all the other appointments. They add the final touch to bathroom comfort and luxury.

A complete variety meets every need-shelves, towel bars, paper holders, soap holders, tumbler and tooth brush holders and many combinations.

Fairfacts Fixtures are made of china-the only material that will not develop surface cracks or become stained, tarnished or dingy. The touch of a damp cloth instantly restores their glistening snow-white loveliness. A tile contractor should install them when your house is built or remodeled.

THE FAIRFACTS COMPANY, INC., Manufacturers
Dept. 1, 234-236 West 14th Street, New York City
 A composition for cheapness and not for excellence of work manship is the most frequent and certain cause of the rapid decay and entire destruction of arts and manufactures." -Ruskin

## Genuine Value In Indiana Limestone

TRUE economy in building a home requires a careful balancing of price with quality. The wise investor is not misled by the low cost of the material he uses for the exterior of his home, but, considering its durability, its weathering qualities, and its upkeep during the years that are to come, chooses that material in which he sees a fair balance between these assurances for the future and the initial cost.


The Pyramids remain today as permanent evidence that limestone is the world's most enduring building material

The price of Indiana Limestone is in distinct proportion to its qualities of durability, permanence and beauty. For this reason, it is, when justly estimated, a truly economical building material.
Indiana Limestone will last through generations and show no signs of deterioration or decay. Its weathering qualities are unequalled in any other building material.
The use of Indiana Limestone, therefore, is a wise investment for the home-builder, and affords, in the long run, the greatest possible economy.


The NATION's Building Stone

## In Grand Thapdsas in Damascus

THERE'S a thumb-worn hammer in Grand Rapids which has been used by one workman in the creation of fine furniture for over thirty years.
Its venerable owner, a highly skilled furniture trimmer, has loved his work so well that he has clung to this one job all his life. He is typical of the guild spirit of this remarkable city-a spirit that has linked the name of Grand Rapids with that of Damascus, ancient home of the master sword-makers, with Venice and Cluny and those other old-world towns that have won fame through the superior skill of their artisans.
This spirit has been fostered by the founders of the Grand Rapids furniture industry and their successors who are today guiding her fifty great furniture plants.
It is your assurance that when you buy Grand Rapids Furniture you are buying the handiwork of craftsmen who have dedicated their lives to a labor of love. Your dealer will be glad to show you his Grand Rapids Furniture.


## INTERIOR DECORATIONS

In this gracious room with its arched windows and delightful cupboards filled with fascinating and beautiful fabrics, you will find a staff of experienced interior decorators at your service. They will assist and advise you, without charge, on any decorative problem related to the home, whether it be a complete scheme for the new country house or cottage, a new apartment, the refurnishing of a single room, or just the choice of draperies. You are cordially invited to make use of this new service now located in our Furniture department on the Seventh Floor The cupboards in this inspiring workshop are a storehouse for many lovely fabrics to be used in making decorative schemes for furniture covering and draperies. Our decorators will gladly give you the benefit

of their experience and training in choosing furniture, rugs, draperies or accessories. In connection with this department we have built and furnished several model rooms in which we have endeavored to reproduce a true home atmosphere, seeking especially to demonstrate the possibilities of a limited budget. Simplicity and charm have been combined with practicability in our effort to display attractive rooms in the average home where good taste is displayed. "The little things that count" have been carefully gathered in a choice collection of decorative accessories, offered in our Gift Shop. Tr are the distinctive last touches $w^{2}$ a cosy homelike atmospbinterior. Sevent ${ }^{\text {- }}$


# Now within the reach of every smoker Famous Pall Malls-newsize 20 for 30 


$T_{r y}$ them tonight for your Luxury Hour -that easy chair hour when every man feels entitled to life's best

Pall Mall Specials入êw size-plainends only 20 for $30 \cdot$
$\lambda_{\text {o change in size orprice }}$ of Pall Mall Regulars [corktip]

Incomparable Pall Mall! Men with a taste for life's better things have gladly paid "a shilling in London-and a quarter here" for ten Pall Malls - and considered the purchase the best cigarette buy. But now Pall Mall is available in a special new size at 20 for 30 ! The same regal quality cigarette-slightly smaller in girth, but with the inimitable Pall Mall excellence left intact. For you who have forgotten the taste of superlative Turkish tobacco, here's a real treat, at a purse-easy price!

## 20 for 30 '



## The Antique Funting Carpets of Persia

Gfrom primeval times the Hunt has been a significant subject for the artist. Using the rude weapons of antiquity the mightiest hunter was King. Thus the Hunt became a royal sport in all periods of civilization and its vigor and interest have characterized the decoration of many fine ceramics and textiles.

In Persia the picturing of hunting scenes attained a high peak during the XV and XVI Centuries, and the few surviving so-called "Hunting Carpets" of that time are today the pride of museums and private collectors.

We are reproducing on our own looms in the East these picturesque Rugs of bygone days. By embodying only the finest materials and workmanship, with designs absolutely authentic, these reproductions provide a floor covering without parallel in durability and interest.

They are perfectly blended in color effect, quite desirable in the interior of today and no more expensive than rugs of more commonplace origin.

> It will be a pleasure to furnish information concerning those rugs we have on show, or on loom, that may be suitable to your needs

## W. \& J. SLOANE

FIFTH AVENUE and 47 th STREET, NEW YORK wAshing Ton



House No.6A20—Designed by The Architects'Small House Service Bureau-Northwestern Division,Inc.

This is one of the 69 simple designs shown complete with floor plans in "Your Future Home" mentioned below. For a moderate charge The Architects' Small House Service Bureau agrees to furnish complete working drawings, specifications, quantity surveys and all contract forms necessary to protect the builder during the actual building of this house, in the most economical and approved manner.

# Announcing-An Architectural Service for the Builders of Small Homes 

AsS LARGE manufacturers and distributors of lumber, the the builders of smaller homes for a comprehensive and dependable architectural service.
Today, such a service is being supplied by The Architects' Small House Service Bureau of the United States, Inc. This is a nationwide organization of representative practicing architects, controlled by the American Institute of Architects and endorsed by the United States Department of Commerce.

This Bureau is essentially a non-profit-making enterprise. It is not financially interested nor prejudiced in favor of any material or device.

In short, it brings to the builder of a three, four, five or six-room house, not only the professional skill of the architectural designer, but the actual working drawings, specifications, bill of materials and contract forms necessary to the actual building of any one of the houses illustrated in "Your Future Home."

Thus for the first time, the gap between the small home builder and the professional architect has been spanned.

If you are planning to build now or in the near future, send $\$ 1.00$ for the book of plans described elsewhere on this page.
"Your Future Home" is a book of sixtynine plans of three, four, five and sixroom houses, designed byThe Architects' Small House Service Bureau. Complete working plans, specifications, bill of materials and contract forms are available for all the houses shown in the book at a cost within the reach of all. The technical and professional service of the Bureau is included in the price for the plans.
"Your Future Home" will be sent, postpaid, upon receipt of one dollar. Address, Weyerhaeuser Forest Products, 808 Merchants National Bank Bldg., Saint Paul, Minnesota.


Your new home is an expression of pride. You should challenge every unit of equipment that goes into it. You should have a heating system that is recognized as an unquestioned standard of quality by Heating Contractors and owners alike.

If you place your faith in Capitol, you can depend upon us to share the responsibility with you. Any boiler with that name-plate must satisfy you or it cannot possibly satisfy us. Such has been our business policy for thirty years.

# UNTEED STATES RADIATOR ©RPORATION <br> General Offices, Detroit.Michigan 


*Cincinnat
*Chicago *Milwaukee *Louisville
*St. Paul *Kansas City *Des Moines
*Omaha
*Denver *Portland, Ore,


Barlow Couch of maple and copper print chintz; Essex Secretary Desk of walnut and maple with herringbone inlays: American Hepplewhite Chair

# DANERSK FURNITURE 

## Genuine in character of design and correct in details of construction

WE are striving to build into our furniture integrity of construction and authenticity in design. When we say, "This is a Hepplewhite Chair," it means that we have gone to the sources and studied true Hepplewhite chairs, their subtleties of line and torm; the refinements of detail in correct taper of legs and moulded ornament; the right sweep of seat curves; and, above all, the honest joinery of mortise and tenon.

There is a right way and there is a wrong way. There is the spurious and there is the genuine. Those who value correctness rebel against investing in things that will not stand the test of intelligent criticism. It is a keen disappointment when one discovers that his dining set purchased is but a counterfeit of real design or a mixture of many periods without intrinsic merit. Especially is this true when authentic pieces, whose value is increased, not lessened by the passage of time, could have been purchased for the same sum.

We are as much interested in helping you select a piece that
is beautiful in form and genuine in character as we are in helping you plan a complete room, or an entire house.

We are making genuine highboys and lowboys of rich toned walnut, inlaid and finished with all the beauty of old pieces; living room chairs and couches of choicest 18th Century design; quaint cupboards and dining groups of mellow toned maple, that belong to the best period of Early American craftsmanship; bedroom groups done in the color of your own selection. The householder who understands the importance of authenticity of design appreciates the ideals that animate our productions for American homes of today.

The only places where you can see Danersk Furniture are listed below. Call without obligation to purchase. Decorators and their clients are always welcome.


Part of Danersk display at the Waldorf Exbibition of Art - in-Trades Club.


A corner of the Early American Living Room in our new Madison Avenue Salesrooms.


EASTER SPECIAL GIFT TABLE To show goodwill to old friends and Lelp to introduce Danersk Furniture to new ones, we offer this painted Satinwood Coffee Table at the modest price of $\$ 45.00$. The decorations are in the French spirit. It is delicate in appearance, yet sturdy in structure. The beight is made unusually low to meet a real need for convenience when serving coffee or afternoon tea. Dimensions are, beight $20^{\prime \prime}$, top open $18^{1 / 2 "} \times 38^{\prime \prime}$, closed $18^{1} 2^{\prime \prime} \times 22^{\prime \prime}$. This price will hold for the month of April only.


The Pirtue of Consistency

Mahogany doors are the natural complement of painted woodwork, to which they lend a striking and yet harmonious contrast. Here good taste has been exercised to enhance this effect by introducing one wood only - Genuine Mahogany -in the furnishings.

Genuine Mahogany can be supplied promptly at any time in quantities adequate for all purposes, and at prices satisfactory to even those of moderate means. Caution should be exercised, however, against inferior woods misrepresented and sold as mahogany.

Be Sure It Is Mahogany


A Post Card will bring you our interesting booklet "STATELY MAHOGANY"

## Comfort and Safety in $\mathrm{v}_{\mathrm{s}}$ Summer Homes



Sheetrock is the fireproof wallboard. It makes standard walls and ceilings at low cost.
Made from gypsum rock, it has all the lasting virtues of the material that has been used for centuries in building the finest walls and ceilings.
It will not warp, shrink or buckle. It will not pull away from the supports. It is a natural insulator against summer's heat and winter's cold. It will not burn, ignite, or transmit heat.

It saws and nails like lumber. It comes precast and all ready for use. It is made in broad, ceiling-high sheets, $3 /$-inch thick, with a patented edge that insures solid, tight-jointed and smooth-surfaced walls and ceilings.
Sheetrock is erected easily and quickly. Simply nail it to the joists or studding.

Sheetrock takes any decoration perfectlywall paper, paint or panels. It costs nothing for upkeep.
Use Sheetrock in new construction, alterations and repairs. You will be satisfied with its results and its economy.

YOUR summer cottage by the lake, your hunting lodge in the hills, where you and your family spend so many happy days, can be made much more comfortable, fire-safe and permanent with walls and ceilings of Sheetrock, the fireproof wallboard. Sheetrock makes solid, tight-jointed, smooth-surfaced walls and ceilings that will not warp, buckle or shrink. Sheetrock insulates against both heat and chill; it is vermin-proof and soundproof. Sheetrock is easy to get from any dealer in lumber or building supplies. It is easy to transport-light and sturdy. It is easy to erect-just nail it to the joists or studding. It is low in cost. Write for a sample of Sheetrock and free copy of "Summer Homes," which illustrates its many economical uses in new construction, alterations and repairs. UNITED STATES GYPSUM COMPANY, General Offices : 207 W. Monroe St., Chicago World's Largest Producers of Gypsum Products

Sheetrock is inspected and approved by the Underwriters' Laboratories, Inc.



BRANCHES
599 Madison Ave., New York City 82 Washington St.. Boston, Mass.

Seeger Original Siphon Refrigerators are generally accepted as the

Standard of the American Home They are built for either ice or electrical


YYOUR home-yours! The new beauty you have planned for it! The new charm you picture for it as you see it in your mind! But oh-the problems you have to meet before your plans, your dreams, your hopes are realities!

What are the newest styles? What are the most effective, the most fashionable treatments obtainable with paint, varnish and enamel? What colors should be chosen to create the most harmonious effect? How should the various Paint and Varnish Products be applied?

On such problems as these you want authoritative guidance. And Devoe can give it, for Devoe has been America's leading authority on Paints and Varnishes since 1754 .

Near you in your community is an Authorized Devoe Agent. Go to him. His advice regarding the newest treatments is always reliable. His recommendations regarding the correct color and product for the job are always practical-founded on five generations of Devoe experience in satisfying all requirements of paint and varnish users.

This Coupon is WORTH 40 CENTS
Use It Todday



New York
DEVOE \& RAYNOLDS CO., Inc. Chicago
DEVOE
Paint and Varnish Products

# Beautifiul Floors at leas Cost 



Flat Grain Southern Pine, when selected for its special figure, makes an especially interesting Floor and quite "different." (Both flat grain and edge grain Southern Pine Floors can
stained any color desired.)

Edge-Grain Southern Pine Flooring, finished in the Natural Color of the Wood, the last word in Beauty and Durability.
$\int \mathrm{N}$ the decorative plan of the interior of your home, your floors play an important part. Although unobtrusive and conservative, they should add to the beauty and charm of the rooms by harmonizing with the general scheme of decoration.
Southern Pine Floors, because of their natural beauty and great durability, perform these functions to advantage. Finished in their beautiful natural golden color, they provide a background for any interior decorative treatment. Because Southern Pine Floors can be stained any color desired, any decorative effect is possible with their use.

## Southern Pine Flooring for Beauty, Durability and Economy

Its beauty and durability compare favorably with the more expensive woods used for flooring.
It is carefully manufactured and smoothly finished at the mills.

It is easily kept clean because of its smooth, polished surface.

It is economical because it is durable,
and its first cost is somewhat less than that of other high class floors.
It comes in long lengths and can be easily and quickly laid.
It can be obtained in either the edge grain (quarter sawed) or flat grain.
It is carried in stock by lumber dealers nearly everywhere east of the Rocky Mountains.

## Southern Pine Association Nerw Orleans, La.



## SOUTHERN PINE ASSOCIATION

New Orleans, La.
Dept. 131
Please send me your free booklet, "Beauty Plus Service in Floors."
Name.
Address


The Orinoka drapery fabrics shown here are changeable blue-gold Raywick, orange Raydale, green Sunbrook, blue Sunwich. The background is striper Frou Frou. All fifty inches wide.

## Fascinating drapery fabrics that never fade

DO YOU LOVE COLORS ~ rich glowing colors that can be used at your windows to transform them into things of beauty and delight? Then indeed will you be enchanted with Orinoka draperies, for they are lovely and as charmingly colorful as you could wish, yet as practical to use as white. You can match the sunlight with glass curtains of gold, hang your bedroom with rose, or drape the library in peacock tones. But whatever your decorative scheme may be, brilliantly gay or softly subdued, if the fabrics are Orinoka guaranteed the colors will hold.

Neither washing nor sun affects in the least the colors in these Orinoka materials. Washing but renews their freshness, and not even the strongest sun can make them change. That is because of the Orinoka special process of handdyeing the yarns before they are woven into cloth. If the materials fade, the merchant from whom you bought them is authorized to replace the goods, or refund your money. Orinoka guaranteed materials offer you an almost unlimited choice of both plain and patterned materials in weaves, colors and designs appropriate for any type of window.

The Orinoka Mills, 510 Clarendon Bldg., New York City


[^0]

## Curtain Your Windows With Sunproof Sunshine

The use of a touch of color is the latest vogue in window curtaining.

It may be a golden tone to give the room a cheerful, sunny character even on sunless days.

Or it may be a coloring characteristic of the furnishings-a touch of blue to give the colonial feeling to colonial furnishings or architecture.

But there is one thing it must not be-it must not be so obvious as to make the windows a patchwork of color when seen from the street.

In short, it must be a touch, not a splash of color. And of course it must be sunproof.
(Note that we say "sunproof," not merely sunfast; see caution above.)
There are several new Quaker Craft Lace Curtainings meeting these requirements, the most favored being Oxford Cross Net, in Sunshine color or a combination of sunshine and old rose or blue; Sunshine Casement; and Colonial Filet Net in sunshine or colonial blue-all both sunproof and tubproof.

## A Booklet That Will Help You

Booklet "Concerning Window Draperies" will be sent free if you mention the name of the best retailer handling window draperies in your city or shopping center. Otherwise enclose ro cents in stamps.

## QUAKER LACE COMPANY

Lace Works and Accounting Rooms: $4^{\text {th }}$ STREET \& LEHIGH AVENUE PHILADELPHIA

Wholessile Salesrooms: BROADWAY, COR. rith STREET NEW YORK

WHEN Mrs. Richard T. Wilson selected Quaker Oxford Cross Net for her living room, boudoir and dining room, she chose a curtain which did more than merely harmonize with the decorative scheme.

By diffusing the sunlight evenly throughout these rooms the Oxford Cross Net makes them actually seem lighter than if no glass curtains were used.

In the boudoir, where the writing desk demands a good reading light, this open-mesh net is especially desirable.



[^1]
## QUAKER LACE COMPANY

Lace Works and Accounting Rooms: $4^{\text {th }}$ STREET $\&$ LEHIGH AVENUE PHILADELPHIA

Wholesale Salesrooms: BROADWAY, COR. 1gth STREET NEW YORK

# Face Brick HomesBeautiful, Durable, Economical 

THE alluring beauty and the long life of the Face Brick house have always appealed to home-builders; and now the American people are discovering that the Face Brick house is also the most economical. Savings in repairs, painting, depreciation, insurance rates, and fuel costs in a few years more than compensate for a slightly higher initial outlay. You will find a full discussion of these significant facts in "The Story of Brick." For your copy address, American Face Brick Association, I721 Peoples Life Building, Chicago, Illinois.

## Booklets you ought to have:

> "The Story of Brick," a most artistic, illustrated book with indispensable information for anyone thinking of building. So interesting that it is used as a reader in a number of schools. Sent free."Invaluable to home-builders. Information wellworth $\$ 5.00$," says one of hundreds of enthusiastic readers.
> "Face Brick Bungalow and Small House Plans" embrace 96 designs of Face Brick bungalows and small houses. They are issued in four booklets, 3 to 4 -room houses, 5 -room houses, 6 -room houses, and 7 to 8 -room houses. The entire set for one dollar; - any one of the books, 25 cents. Please send stamps or money order. "I would not part with them for a hundred times their

[^2]

## What One Hundred and Fifty Years Have Done for Kitchen Convenience

The oil range below may never be interesting as a museum piece, but as an advance in science it compares with this fireplace as an airplane with a stage coach

PICTURESQUE and beautiful is the great kitchen fireplace of greatgrandmother's time. It recalls the romance of older days. It does not recall the drudgery. We see these old kitchens as warm rooms where father and the boyssat and ate and rested themselves. We do not see them as places where mother and the
girls stood and slaved and roasted themselves girls stood and slaved and roasted themselves.

## The most modern of cook stoves

Now, pass over a century and a half and look at the new five-burner Florence Oil Range, pictured below. It burns the vapor from kerosene, and a turn of the


The Big Burners keep the flame close up under the cooking where the heat is needed



The freplace in the house at Easthampton, Long Island, the home of John Horvard Payne, author of "Home, Sweet Home."
wrist regulates the clear blue flame to any degree you desire. One burner is small, to give just a simmering heat.

The built-in oven is heated by two powerful burners and will accommodate the largest - sized roasting - pan The oven has the "baker's arch" and patented hea distributor, assuring evenly done baking. Roast a chick en, bake bread, make pies

> You can cook anything quickly and well on thi range that you can cool on a gas or coal stove-and you cook economically.

## Burns with a gas-like flame

You merely touch a match to the Asbestos Kindler and in a few moments you get a gas-like flame. It is not a wic flame, such as you see in the ordinary oil lamp. The heat i where it belongs, close up under the cooking.

You will appreciate the many special features of th Florence Range-such as the non-breakable oil reservoir wit the glass bull's-eye, and the ingenious device for setting th range level on uneven floors.

## A beauty in the kitchen

In appearance this range is of strikin beauty, with its contrast of snowy whit enamel panels and burners with a jet-blac enamel frame. The range is built of heav steel plates and will last for years.

## Where to get it

Progressive hardware, department, and fus niture stores sell Florence Oil Ranges. If you dealer has not yet stocked this newest of a models, write us and we will see that you get it. The price is $\$ 110$ plus freight from our nearest warehousing point. Florence Oil Ranges (with portableovens) come in all sizes and prices.

## An interesting booklet

You will find much useful information in our free booklet, "Get rid of the cook book." Drop us a line and we shall be glad to mail it to you.
FLORENCE STOVE CO., Dept. 544, Gardner, Mass.


More Heat-Less Care

# FLORENCE OIL RANGE 

## THE MOST DIFFICULT OF TABLE EFFECTS



$S$CENE: That anxious last-minute inspection! Again, she surveys the table,-through the eyes of the most critical guest, the most tasteful, the most correct. What kind of picture would it present to them? Well, the entire service is solid silver. All in ber new design. Yet, not an overburden of it. To frame it, expanses of snowy linen. To tint its gleam, a few flowers. It was the simplest table she had ever set. But, yes, it had it-that rarest of table beauties - dignity, simple dignity.
$\% k$
Quite the most difficult of effects to obtain in silverware is that of dignity, -simple dignity.
Perhaps that is why the Theseum Design is utterly apart from usual silverware. Theseum is the opposite of garish,- the antithesis of commonplace. Theseum is dignity,_, simple dignity. It is wrought in the most dignified of metals,-solid silver.
What the outer eye be-


OTHER DESIGNS
Pantheon Georgian Maid Trianon
holds in Theseum is: Straight, sweeping lines. A classic crown. An exquisite, satiny texture. But in Theseum are also those subtleties in which the inner eye has its greatest delight. Beauty of proportion. Nobility of conception. Fineness of craftsmanship.
Anything less fine would not dare such simplicity. Anything less simple could not attain half the dignity.
Theseum has been developed in a correct dinner service. If you will write us, we shall send you a book which shows the complete, correct service, and give you the name of the nearest jeweler who can show you actual pieces. Address Dept. 4.84, International Silver Company, Meriden, Conn.

## International Sterling





## Romantic

## Queensware

The Athens Etruria pattern illustrated, although modern, adheres closely to the classical tradition so characteristic of Wedgwood design. All decortion is under glaze, and hence permanent. This pattern, in favorite color combinations - blue and orange, and black and orange-will be found in open stock in the stores. Before purchasing, always look for the genuine Wedgwood mark.

AsIde from its rare beauty and serviceability, Queensware has the added charm of romance. Perfected by Josiah Wedgwood in 1761, the admirable qualities of this rich, cream-colored ware were instantly appreciated and its author recognized as the "greatest potter of all time." In 1763 Queen Charlotte ordered a special dinner service, and the product became known as Queensware.

Our illustrated booklet "C" will be sent upon request

## 

255 Fifth Avenue • New York<br>WHOLESALE ONLY<br>Potteries: Etruria, Stoke-on-Trent, England

Mark on Jasper, Basalt, Queen's Ware, Etc. WEDGWOOD



B
renlin
the long-wearing
Window Shade material

# Bright daylight shows their soft rich colors fresh, smooth, unfaded-after years! 

## Keep your rooms beautiful with window shades of Brenlin



Scratch a piece of ordmary Tiny particles of chatk orth "filling" fall out, BRENLIN has no filling. It ourwears sev eral ordinary shades


Every foot of Brenlin is finished by hand by experts for beauty of appearance, long wear, an smooth operation

Daylight may be cruel or kind to the beauty of a room. For it at once draws the attention of the person who enters to the windows.

And if the window shades are stained and faded, or streaked with ugly pinhole cracks, daylight, bright, unmerciful, strikes a jarring note, a note so strong and harsh it mars the beauty of the whole room.

But if your window shades are Brenlin, then bright daylight shows them soft and rich in color, fresh, smooth, unfaded, after years of service.

## Lasting beauty for $\alpha$ few cents more

For there's lasting beauty in window shades of durable Brenlin. And you can get Brenlin at a cost of only a few cents more than that of ordinary shade cloth. Unlike ordinary shade cloth, Brenlin has no brittle filling of chalk or clay to break and fall out, causing un-
sightly cracks and pinholes that show in glaring relief against the outdoor light.
Strong and flexible, much like finely-woven linen, Brenlin has weight and body enough in itself to keep it always straight and smooth.

It resists the constant strain of rolling and unrolling, the jerking and snapping of the wind. Rain will not discolor it as it discolors shades of inferior quality. And its beautiful hues, applied by hand, resist fading in the sun.
Brenlin wears two or three times as long as the ordinary shade. It may be had in soft, rich colors to harmonize with every interior scheme. Brenlin Duplex, with a different color on each side, will blend with both interior and exterior.

## Be sure it's Brenlin

When you buy window shades, be sure that what you are getting is
really Brenlin. The name is embossed or perforated on the edge of every shade. If you don't know where to get Brenlin, write us; we'll see that you are supplied.
There are many valuable hints for you in our interesting booklet: "How to Shade and Decorate your Windows." Write for it. We'll be glad to send it, together with some samples of Brenlin in different colors. Address Cincinnati.

THE CHAS. W. BRENEMAN CO.

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Add to this rare beauty the practicability of metal, plus the unique feature of "Titelock" design-the result is Milcor Spanish Metal Tile. It provides permanent protection against rain, heat and cold -a most effective and artistic roof at surprisingly moderate cost. Weighing only one-eighth as much as clay tile and therefore requiring only a light supporting structure, a substantial saving in time, labor and materials is obtained.

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If you contemplate building, or re-roofing, conier with your architect or contractor regarding Milcor "Titelock" Spanish Metal Tile-furnished in heavy galvanized Terne Plate, Pure Zinc or Pure Copper. A new folder - "Roofs of Permanent Beauty"-which will prove of service in solving your roofing p.oblems, will be sent promptly on request.

Metal is playing an increasingly important role in modern home construction. The following Milcor Products provide fire-proof, crack-proof walls of everlasting beauty:


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MILCOR Invisible Picture Molding
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## MILCOR

## Permanent Furniture

by Curtis The beauty, utility, and solid durability of of the entire Curtis line. On this page is shown an ideally convenient combination of Dressung Table C-811, Tray Case C-812, and (behind closed door) Hanging Closet 814.

## Where Curtis Excels

Much of Curtis superiority is not readily apparent, but is vitally important. For example, extra thick face stock and door
panels, drawers with dovetailed corners, operating on hardwood guides, 3-ply drawer bottoms, immovable because inserted in grooves on all four sides . . . . and other similar features are found in Curtis cabinet construction.
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The Curtis permanent furniture sometimes called "built-in"-gives you the utmost of utility in space and convenience. It furnishes the means by which irregular spaces may be made to serve useful purposes. And it enhances the attractiveness of the home. The built-in dressing table with wardrobe and clothes-closet, pictured above, adds to the comfort of the bedroom, yet does not obtrude itself into the rectangular rug-space of the room. We canot prevent imitators from.
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THE NEXT ISSUE OF HOUSE \& GARDEN WILL BE


This Spring
A lighter tint in the walls. A new awning for the sun-room. Cool chair cushions to re place the winter-weight velvet. Perhaps a little silver canary cage to be bought. Certainly a new garden, from the ground up.
Something-anything, so long as it's fresh and gay and-Spring!

# The Spring Furnishing Number May HOUSE \& GARDEN 

The lead article is Spring Furnishing Suggestions, and after that comes a pictorial review of the new Spring Fabrics for the Home. Two pages show Wicker, Reed and Willow furniture from the shops-all of it priced. And now that summer places awake from their winter sleep, we tell you of Country House Curtains, and of Glass and Pottery for the Country House.

Have you heard of the idea of planning the decoration of a room about the motif of a flower? This issue of House \& Garden will show a Lily Room. And some charming hints on Using Fans in Decoration. So much for the Interior.

Those about to build-or extend-will find a fascinating tale in the story of "Chimney Cottage," a house that grew bit by bit. And there'll be two lovely pages of an old Georgia planter's home, full of delightful suggestions for the Colonial minded.

In pictures-the easiest way-we show the whole story of How to Raise Dahlias. A Perennial Border in two seasons-tulip-time and midsummer. Herbert Durant on "Restoring the Charm of Neglected Woodlands." The Gardener's Calendar. And another article by "Chinese" Wilson. What more could the gardener ask ?


Carl B. Tuttle Residence, Palmer Woods, Detroit, Mich. Alvin E. Harley, Architect

## CRITTALL <br> Steel Casements

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"THEDAVENPORT-BED"


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THE search for bedspreads which will not strike a jarring modern note in the room of period decoration is rewarded!
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The coverlet illustrated, "Tuftpatch", is of hand woven effect in a daring block pattern of rose, blue, gold or all ecru.

Another, "Charmante", is of basket weave with a broken plaid in the same colors against an ecru background.

Their lightness and ease of laundering are modern, to be sure, for these two Novelites require no pressing.

Others come in prim rows of sampler stitchery, clustered stripes in darning stitch-all sizes and styles and in the favorite tones of blue, rose, gold, ecru or all white.

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Any carpenter or architect will tell you that plaster cannot be patched satisfactorily, for lath shadows invariably follow re-plastering. Worse still, in many communities, plasterers are bigh priced as well as scarce - in some cases almost unobtainable.
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[^8]

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## FLOOR BEAUTY LIKE THIS IS MODERN

ACHARMING room, a vivacious room. And not the least of its beauty proceeds from its floor-a quaint linoleum tile.
It is a far, far cry from such floor beauty to the early oilcloth patterns as known to Frederick Walton, the inventor of linoleum. He is ninety years of age now; and it is more than sixty years since he commenced to search for a better floor material than the old-fashioned oilcloth of that day and, experimenting, noticed a paint can and the film that had formed on the surface of the paint, where the air touched it.
That rubbery film was oxidized linseed oil, and it gave Frederick Walton his great idea. He mixed it with powdered cork, then pressed the mixture onto burlap. Linoleum was invented, and from the moment of its invention found wide use. The mixture of cork, oxidized linseed oil, and burlap made a perfect floor material.

Linseed oil comes from flaxseed, and it binds the powdered cork together into a tough,
durable, elastic material. The strong burlap back is woven from tough jute, and so linoleum is hard to tear. Cork is tough; so linoleum resists wear. Cork is springy; so linoleum is kind to feet. Cork deadens sound; so does linoleum. Cork is moistureproof; so is linoleum. Cork does not easily stain; neither does linoleum. Cork does not splinter; neither does linoleum.

These qualities linoleum had from the start. But with time came the beauty element.

Men learned how to put color and design in linoleum, both printed and inlaid patterns. Today, you may select beautiful colorings and designs in Armstrong's Linoleum plain and Jaspélinoleums for living-rooms, tile designs for breakfast rooms and sun porches,
flowered designs for bedrooms - that interior decorators, architects, and thoughtful, intelligent women are making the basis of decorative schemes for every room in the house.

Go into good stores and see the development in modern designs and colors made in linoleum since Frederick Walton's day.
One point, however, is important to you. Inform your merchant that you are interested only in genuine linoleum-linoleum made of cork, linseed oil, and burlap. You can identify Armstrong's Linoleum and Armstrong's Linoleum Rugs by the Circle "A" trademark on the burlap back.

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parking space. Yet it parking space. Yet it provides gen-
erous room for rides so smoothly you cange adults. It comfort up to 60 m . p. h. over a rutted road.
The Chrysler Six Phaeton weigh 2740 pounds, ready for the road. Yet you can drive it 60-70 miles of hour without the usual clutching of the steering wheel, without side. It took hoad weaving.
engineers to work for Chrysler seven fundamenk out all of the riding ease and roadability Chrysler First, they bradability. gravity closer to the the center of tific chassis layout.
Then they perfected
Chrome-Molybcted a new, scientific
Chrome-Molybdenum tubular axle,
with 34 per cent greater rigidity, or static strength, than an I-beam axle of the same weight; over five times the resistance to horizontal strains ore twisting, Its resistance to torsion, greater. The
makes ster rigidity of this new axle riding infinitely infinitely easier; The next itely smoother. weight of the was to distribute the chassis in perfect to keep the whole highest speeds. Then a new spring mounting was
devised. Chrysler Six springs close to the hubsings are mounted wheels. That eliminates sidel to the You can actually drive the sidesway. around turns at 50 miles an hysler Tomake theridi the springs are sciexceptional, balanced-thin Che scientifically leaves of precisely the rionadium and number to cradle you length bump that usually hurls you over a the seat. and Stability

The great spring companies say that Chrysler has accomplished say that seeking for years. In fors.
In addition, all these features of comfort are supplemented by tires of
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The entrance to "Chimney Cottage", one of the houses shown in the May issue

THE books that you read again and again are not those that appeal to your reason; they are the books that appeal to your imagination. The magazines that you most enjoy are not those that are eternally telling you what's wrong with you and the world, but those that fire you with ambition to do better in the world
You can appeal to more people through their imagination than you can through their powers of reasoning. The great religious movements, the great wars, the great advances in science and commerce have all depended for their support upon the degree to which they appealed to popular imagination. And they have been successes or failures according to the degree with which they did make this appeal.

House \& Garden isan appeal to the imagination: it is frankly that. You cannot argue a man into having a good home and a well-kept garden; but you can stimulate his desire to have these things by first stimulating his imagination through pictures and descriptions of them.
Ambition is the second step. Stimulate the imagination and you also stimulate desire. Show a man the picture of a fine house and he says, either verbally or mentally, "Some day I'm going to have a house like that".

That "some day" opens up the answer to a criticism of House \& Garden which is made occasionally. Young married couples or people whose means are limited will say, "You've got a fine magazine; only it is too rich for our blood." To which we answer, "But is it too rich for your ambition? Can't you imagine yourself having such a house? Don't you desire to have it?" Invariably they reply "Yes".

If House \& Garden were edited down to its lowest reader it would not stimulate the imagination or fire the

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\text { APRIL, } 1924
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The Gardener's Calendar
ambition of all the rest. We must not be satisfied to give the reader what she wants; we must give her better than she wants. We must keep stimulated the desire to attain.

Translate this theory into editorial pages, how do you find it expressed in this issue which you have just started to read?
Every time you turn a page there is a new stimulus to the imaginationthe glimpse of a library in which architecture plays the leading rôle, bergères appealing to the desire for comfort and beauty, a medium-sized house in Illinois with a cloistered garden, an essay on the charm of little rooms, the view of outside garden stairs,' the ravishing beauty of early flowering shrubs, an old cottage remodeled into a summer home, pictures of beautiful gardens, inspirations from the real source of our Spanish colonial architecture, color schemes by nine prominent decorators, Elsie de Wolfe's living room, a study of Directoire furni-ture-and so on. Turn the page and your eye is quickened with a new view. Each page is a window that opens on a new world.
The same is true of the May issue. We've just been looking over some advance pages of that next number. From the Bulletin Board at the beginning to the Gardener's Calendar at the end the pages flick and flash with stimulating ideas.
And that, after all, is the measure of the value of a magazine-its richness in ideas. If it is packed, crammed full of them, the magazine gives you the greatest possible service; if it is meagre and lean in ideas, then you don't get your money's worth.
To get your money's worth in May, you have merely to step to the nearest newsdealer and lay down thirty-five cents. Or you can save yourself the monthly trouble-a hundred thousand people have-by sending in a year's subscription.

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PEOPLE'S moods being very much the product Pof their environments, it is natural that with the first days of Spring their thoughts should turn to all that Spring means-to the awakened garden that rouses them to gardening, to bright sunlight that urges them to brighten up their homes. May is the environment; Spring Furnishing the urge. So we devote many pages of the May issue to Spring Furnishing.
Pierre Dutel, a New York decorator, leads off with three pages of brilliant suggestions for the smart country house; Harry Richardson shows how fans can be used decoratively; a page of the new wall paper borders points to the revival of an old style; Elsie Cobb Wilson contributes the three pages of the Little Portfolio; the new fabrics and designs whereby they can be made into country house curtains fill two succeeding pages; glass and pottery for the country house follow on; the color scheme for a Water Lily room-enchanting idea!; and then two pages of suggestions for furnishing the porch.

## AB

$\mathrm{F}^{\text {OR }}$ those whom May urges to garden there F are three pages of photographs of beautiful gardens, the description of a terraced garden, views of a perennial border in May and in June-quite a contrast!; two pages on which the whole story of raising Dahlias is told by pictures; a very practical article on how to graft; Mr. Wilson's admirable story of Climbing Plants, and Mr. Durand's suggestions for using native plant material.
These by no means exhaust the issue. There are more features still. The old Plater Homestead in St. Mary's County, Maryland, for example, which Mr. Herbert L. Satterlee has restored; the two houses-one by Mr. H. T. Lindeberg and one by Mr. Dwight James Baum; the story of "Chimney Cottage", as fine a piece of progressive building as we've ever seen; Mr. Price's article on wood flooring and Miss Peyser's on the care of floors.
These combine to make a very busy, helpful and inspiring May number.


THE mid-winter season in New York is a time of competitions and awards. There is the Architectural League exhibit; the gold medal for Craftsmanship was awarded to the Kensington Company for their excellent furniture-and well awarded; the medal for Art in Industry to Mr. Henri Creange, designer of the beautiful silks manufactured by Cheney Brothers. The Jackson Heights Garden Apartment Scholarship was awarded to Helen Barker of Sanborn, Iowa. This competition was for designs for decorating and furnishing a five room apartment. The high quality of the designs submitted by students proved that taste in the home is steadily improving. The judges of the competition included Elsie Cobb Wilson, decorator; Francis Lenygon, decorator; Alice Duer Miller, author; William Delano, architect, and the editor of House \& Garden. It was interesting to note what qualities these judges deemed to be necessary. In the end they came down to livableness in furniture and harmony in color schemes, qualities essential for a room in good taste, whether it be in the home of a millionaire or the home of the humblest worker.

FOR some time the House \& Garden editorial staff has been devoting its attention to the problem of the landscaping of the small suburban lot. The average owner of such a property, when he is advised to seek the services of a landscape architect, immediately sees his costs mounting; he considers the landscape architect as an unjustifiable and expensive luxury. On the other hand, if he goes ahead on his grading and shrubbery and flower planting he is apt, nine times out of ten, to make a lot of mistakes. He often misses opportunities for producing the best effects and he often locates his garage so that it becomes an ugly nuisance and after his garden is planted he feels that something is wrong with it, but he doesn't know what. How can he avoid these mistakes? How can he obtain professional assistance that won't be excessively priced?
House \& Garden submitted this problem to the New York Chapter of the American Society of Landscape Architects. This Chapter, initiating a practice which the Society hopes to make nationwide, offers the following service to the readers of House \& Garden:
I. That a competent group of members, working under the supervision of the Chapter, shall be available for readers of House \& Garden.
2. That the problem shall be a tract of land not exceeding one-half acre in area and situated within forty miles of New York railroad terminals
3. That the professional service will be given as follows: a preliminary visit to the property. Often a single visit with verbal advice to the client and a simple outline of the general plan made on the ground and confirmed by letter will be all that is required. If further advice is necessary and detailed plans are required, these will follow. For this service there will be made a minimum charge.
At present the New York Chapter can offer this service only to those readers living within the forty mile radius of New York City. Such readers as desire further information about this will communicate with House \& Garden, i9 West 44th St., New York City. Kindly address the lettersLandscape Architect's Service.
constantly interesting world and those who travel along this pleasant boulevard soon come to know those who are friends and those that are foes. Once you start gardening your interest extends beyond mere flowers and vegetables; it

comes to include everything that touches on these great worlds. Birds, for example. Can you imagine a gardener not having an interest in birds? Can you imagine a garden that birds do not visit? Birds are the gardener's best friends. He should make every effort to keep them friendly and to preserve them. By erecting bird houses and bird feeding stations his charity can begin at home. From this he should proceed on to active support of the work done by the National Association of Audubon Societies in preserving America's wild bird and wild animal life.
The good gardener will also have a community conscience. Especially does this apply to the fight against pests. Birds devour enormous quantities of grubs and other pests that are dangerous to plant life, but they cannot do the work alone. We must help them by spraying and by each gardener keeping his garden clean and free of pests. There is no more practical way in which to be your brother's keeper than to help preserve bird life and help prevent the spread of plant diseases.

## *

T${ }^{4} \mathrm{HE}$ dissemination of popular horticultural knowledge is one of the most important and enjoyable tasks that anyone can undertake. We need, in this country, a larger group of amateur gardeners who can spread the gospel of gardening. We need speakers and writers who, by their knowledge of facts, by their enthusiasm for the work and by the felicity and clearness of their expressions can make gardening nation-wide. To that end there has been offered by a friend of horticulture a prize of $\$ 100$ for the best practical article on some branch of gardening. This prize is to be judged on the basis of fifty points for English and fifty points for subject matter.

The competition will be open to students of any horticultural school or agricultural college.
The length of the article should not exceed fifteen hundred words.
This competition will close June ist. The judges will be Mr. E. H. Wilson of the Arnold Arboretum, Mr. E. I. Farrington, secretary of the Massachusetts Horticultural Society, and Richardson Wright, Editor of House \& Garden.

All submitted papers should be addressed to "Garden Competition," House \& Garden, 19 West 44th St., New York City.

## T

S
OME people have a theory that good pictures are expensive, and so they do not attempt to buy them and go on, either surrounded by bad pictures or have none at all. True, we cannot all afford masterpieces, but say you do want some good prints and should take $\$ 20$ in hand, what could you buy for this sum? You could buy quite a collection of old flower and fashion prints. You could buy one or two wood block prints. In etchings you can buy the work of some representative artists for as low as \$io each. These, of cou se, are unframed. The style of framing, size of mat and color will all depend on the print and the room in which it is to hang. There is no dearth in good pictures; you have only to go to dependable art dealers or seek out the portfolios of the old print men. The dearth lies in the taste of people who would rather bave a dozen mediocre or bad pictures to one or two good designs of which they can be justly proud.


Drix Duryea
WHEN ARCHITECTURE SETS THE STANDARD

Rarely do we find a corner as distinguished as this one in the library of the New York home of Mrs. Cornelius $N$. Bliss. The dignified effect is due partly to the handling of the interior architecture - an unusually graceful high, arched window, a nice balance of panels and moldings and, most effective of all, buill-in book
shelves extending to the cornice. This feature gives the corner its livable aspect, while the colors of the bindings make a suitable background for the Italian I8th Century wriling table and chair. The walls are blue, a charming contrast to the copper colored curtains and neutral toned rug. Elsie Cobb Wilson, decorator

From the time of Louis XV th on, the bergère becomes an important element of comfort in the furnishing of intimate rooms


# THE COMMODIOUS <br> B ER G ÈRE 

An Ancient Symbol of Comfort in French Homes, The Bergère<br>Still Remains To Accommodate the Body and Delight the Eye

FRANCES WILSON HUARD

ABITTER wind moans through the barren branches. Great gusts sweep down the long avenues and, catching the neatly raked piles of dry leaves, send them capering skyward. A thin icy rain fairly stings one as he walks along, half plodding, through the muddy lanes of the Park. It is autumn; autumn in France.
He hurries on toward the house, that hospitable high-roofed mansion from whose long eaves now drip miniature rivers. As he approaches, the wind, lying in ambush, roars forth anew as though angry because he is about to attain his goal. He struggles anew. He wins!

There at last, he finds himself in the welcome vestibule. He mounts the great stone stairway. Oh, the joy of the crackling wood fire in the living room! Oh the supreme joy of being seated in one's favorite bergère; that bergère that receives and enfolds him, that fairly envelops and protects him; the bergère so luxuriously comfortable, that gently caresses his tired limbs. One might almost become lyrical on the subject.

In a country like the United States where, to use the current expression there is "something doing" all the time, the bergère is of less importance. But to those of us who
have lived in France the mere name evokes the home, the hearth, the chimney corner; long conversations in the gathering twilight; endless solitary reveries mingled with doubts and fears, hopes and ambitions; convalescence after a trying illness; those first pleasant moments when with returning strength one feels as though born anew. Under such circumstances if the bergère is not the most important of one's household belongings surely it would seem the most indispensable.

I have searched without success to find the raison d'etre of the word "bergère." The term, as such, first appears in the


A Louis XIIIth and A Louis XIIIth and
$a$ Louis XIVth bergêre, both covered in damask. The reign in damask. The reign
of Louis XIIIth first produced the ancestors of this chair. These two examples are from the Museum of Decorative Arts, Paris


A Louis XVth rounded-back bergère covered with figured velvet. From the author's collection


The Empire style is represented by this bergère of fruit wood covered with yellow striped velvet


A Louis XVth walnut bergère, from the collection of the author. The covering is.blue damask
dictionary of the French Academy in 1735, and a little later in their Encyclopedia Diderot and d'Alembert describe it thus:
"The bergère differs from ordinary armchairs by the size of its seat which is about two feet wide by twenty or twenty-two inches deep; also by the side panels (accotoirs) which are upholstered on the inside and which are sometimes gradually incurved to about two-thirds the height of the back. The height of the seat from the floor is sometimes only nine or ten inches, and the back is slightly inclined. There are also armchairs called bergères which differ from the others by the height of their back which is only twelve or thirteen inches higher, and whose seat is about thirty inches wide."

Rubo says, "this seat is

only used by ladies whose toilet requires special precautions and therefor its place is only in the drawing room or the reception hall. It will not survive the fashion of the 'panier."

As can be seen from the above quotations from contemporary authorities, no reference whatsoever is made to the derivation of the word. Certain it is, however that its ancestor the "fauteuil á panneaux" bore a very close resemblance to its later descendants, and as early as the reign of Louis XIIIth we come upon inventories which mention the paneled armchair or "fauteuil confessional." For it seems that the first of these pieces were made for the clergy and were actually used by the priests when hearing confessions or examining the conscience of

These two bergères with stools form a grouping in the living room of the author's home at Versailles. Chairs and stools are in yellow Utrecht velve!

In the time of Louis XVIth the bergère was painted and in some cases, upholstered with needlepoint

A Louis XVIth square-back bergère with figured chintz upholstery. The arms have an interesting contour



One of a pair of Louis XVIth walnut bergères, covered with green and yellow striped silk.


Louis XVth bergère gondole. Toward end of reign the bergèrelost its curves andbecame square


Aubergine and yellow satin cover this Louis XVIth bergère. Note characteristic loose cushion
their penitents. Some of the very earliest were strange high-backed affairs in which were cut little peek-holes. I have even seen a very ancient one which had inserted in its back a little iron grill, or "Judas".

During this same period persons in ill health, languid, convalescent, or elderly people reclined on what were known as "chaises à commoditè." These were stuffed and upholstered armchairs with a kind of moving rack attached to each arm, permitting the one seated to read or write. The backs too were movable and could be let down to any desired degree, converting the armchair into a veritable sofa. A pair of long branched folding candlesticks was attached to each side and great pockets in the exterior

upholstery permitted the occupant to have all the necessary little nick-nacks close at hand. This fashion was pushed to such an extreme that certain of these "chaises à commoditè," after adopting wings, to prevent drafts, finally added little domes with side curtains and while they were pompously dubbed "chaises à l'imperiale", in reality they bore a very close resemblance to small beds.

As during all epochs of history modifications were worked gradually, and what we now know as bergères really began to make their appearance with the advent of Louis XVth, when seats of all kinds became less formal and more comfortable. The old system of arranging them along or against the wall was abandoned and with the
(continued on page 126)



The garden has that most requisite of all featuresan adequate enclosure. On two sides a high wall, and on the other two the main part of the house and its interestingly treated wing give the necessary protection


Flanking the garden is an arcaded loggia, a veritable sun-trap, which, by means of the warmth it captures in its shallow recess, carries comfortable garden days far into the fall and picks them up in earliest spring

The strect front of the house is an interesting study in fenestration. Merely from the window placement it is possible to imagine most of the interior planning-the staircases, closets, and principal rooms

THE HOUSE AND GARDEN OF
FRED P. WARREN, EVANSTON, ILL.

The floor plans show what a splendid arrangement of rooms an L-shaped house affords, in which the service can be concentrated in the smaller wing. The garage swings in to allow space for turning

REGINALD JOHNSON, Architect; RUTH DEAN, Landscape Architect



From the far end of the garden the interior angle of the house shows to best advantage, with its cloister-like passageway, its balcony up the outside stairs, and its shaded terrace

A garden lives best in full sunlight, but it should be possible to look upon it from such a shaded spot as this awning-covered, brick-paved terrace, both indoors and out


The Poet Made a Great Mistake When he<br>Dreamt That He Dwelt In Marble Halls

CHARLES HANSON TOWNE

IF it be true that precious things are done up in small packages, it is equally true that when we ourselves chance to be enclosed in a tiny house we discover for the first time some of our own bigness-find, strangely enough, the very thing we had been seeking vainly in some larger house. For small houses connote small rooms-infinitesimal divisions that give a delightful sense of segregation.
"Give me a low ceiling," often I have heard people of imagination say. If we stoop to enter a door, thereafter we stand more upright, being monarch at once of all we survey. A feeling of complete ownership is ours in a trice. Surely this sense of possession compensates for other lacks.
A friend of mine, an English author who was being lionized at Newport, once told me laughingly of his discomfort in an enormous bedroom. He had been used to the tiniest of flats in London; and when he was first ushered into his suite in the millionaire's home, filled with distracting furniture, his bags at one end of it, his bath at the other, he stood lonely and forlorn in the midst of his sudden opulence, and sighed for his bedroom at home where he had but to reach out his hand for anything he desired. And he burst out laughing. It was all so ludicrousthis waste space, this lack of peace. He could not believe that anyone could be really happy in a show place such as this. He thought of Thoreau's humble shack in the hills, with its two chairs and a table-nothing more. And he recalled how one candle, in his own English country place, could illuminate an entire room, causing each book to be revealed, each little print to be seen and enjoyed. With a sigh he dropped into his wide canopied bed, feeling much like the poor little king in "Coc d'Or", who had no privacy when he tried to sleep, with his crown upon his head, in that vast room where they put him. Ah! the monks of old had the right idea. A cell was sufficient for the noblest thoughts; indeed, the smaller the place, curiously enough, the more one could spiritually expand. Mental contraction comes, not mental expansion-no one seems to know quite why-amid spacious surroundings.

IDO not mean that a great room, with a beamed ceiling and vaulted windows cannot be a thing of beauty, and a joy forever. But when it comes to daily living, is it not better to be shut away in narrower confines, with a single casement and no multifarious doorways to perplex the mind and heart? Any writer will tell you that he prefers a stub of a pencil to a long one; so, too, he will prefer, invariably, the smallest of work-rooms, with just enough light and just enough-no more-of everything to his hand. One is not lost in such a spot; indeed, one finds oneself here. There is nothing to worry one. Just as the sky, so Wordsworth said, is never lovelier than when only one star is shining in it, so a room is sweeter-yes, and richer-with only the bare necessities that make for coziness and supreme comfort. From wide fields, sheep return gladly to the little fold. There is delight in the sensation of being folded in. They know that they are safe; and through the single bar that protects them from the great
world without, they wend their way in peace as to a sanctuary.
I know a certain house in New York which contains a gorgeous Italian room. For a long time I never was in it save when a crowd was there-some fete, or some glowing pageant seemed necessary always, as though the high ceilings must ring with mirth. A swinging chandelier and tall candles accentuated the hugeness of this chamber, and long shadows were cast athwart the beams. Someone said, one evening, "What a wonderful room!" And I too was caught by its spell.
Then one day I entered it alone; and I saw that it was nothing but a dim vault, for all its tapestries and golden sconces, its marble fireplaces, leaded window-panes and massive oak. I heard the echo of old laughter-but only the echo; I saw the ghosts of beautiful women; I felt the tragic memory of vanished loveliness. The room was haunted by beauty. But how cold it was, spiritually! For it was meant only for gaiety, and, lacking that, it had little to recommend it. In the hushed dimness I felt its insincerity, its terrible failure. It was like a lonely old queen without her court about her. It was hideous in its opaque grandeur. The life had gone out of it in the serenity of daylight. It needed music and laughter and artificial light to rouse it to any momentary glory. I saw now that it was not a room to be lived in, but a room to be danced in-that was all.

MY hostess must have been aware of my discomfort, for she tactfully suggested that we repair for tea to another part of the house. In the tiniest of rooms hung with simple chintz, we found that spirit of comradeship which could never have come to us in the desolate splendor of the Italian hall-for hall it was, and nothing more.

Try, if you do not believe me, the slamming of a door in some great room. There follows a ghastly echo-an echo which brings with it an overwhelming chill. You at once become aware of your solitary richness-and poverty. Echoes are lovely out-ofdoors; they are dreadful, spectral things in a house. A footfall far away breeds a sense of fear; a friendly step close by gives us a feeling of security. The austerity of public buildings may for a moment impress us; but the line of the poet, "I dreamt that I dwelt in marble halls," has never filled me with comfort. It has caused me to shudder, bringing thoughts of Turkish baths and draughty spaces.

Those who say that they prefer vast rooms almost contradict themselves the moment they occupy them; for instantly they break them up into units: a couch is pushed sidewise almost to the centre, a table with a lamp is so placed that a little square is formed at one end, "so that we may be intimate here," the owner will invariably say. For there can be no real intimacy in a veritable castle hall. Screens and other barriers are necessary if we are to gain spiritual contact with our friends in such a place. Isolation is what we all secretly crave, deny it as we will.
(Continued on page 96)


Toloff

## BY Garden stairs TO THE SECOND FLOOR

The climate of California does such pleasant things to architecture, with open arcades, balconies, loggias, and outside stairways, that the airy style of the lower Coast inevitably seeps inland. Strangely enough, when it reaches the shores of Lake Michigan, as in this
house at Evanston, Illinois, of which more views appear on the two pages following, it not only seems highly appropriate, but brings something fine and fresh to the sterner situation. Fred P.Warren is the owner and Reginald Johnson is the architect of the house

The prunus tribe is varied and excellent where early bloom is sought. p.tomentos ENDOTRICHA is one of the best-hardy, freeflowering and bearing round, scarlat frutits of unusually good flavor


Garland-flower is well named, for its termi nal clusters of rose-col ored fragrant blos soms above gray-green leaves are highly decorative. It is low shrub, particulaly excellent for rockery or the open border


RHODODENDRON MUCRONULATUM'S blossoms are rosy pink and unusually resistant to frost. This satisfying hardy shrub is one of the best of its family and deserves to be much more widely known and grown

An outstanding gem of the PRUNTS family is found in the Fuji Cherry. Compact, perfectly hardy and well formed, it has white or pale pink flowers with prominent yellow anthers, and black fruit in carly summer


Words cannot portray the beauty of the Rose-bud Cherry in bloom. a living cascade of pink. With us it is a smallish tree, but in Japan it sometimes attains a height of eighty feet. The blossoms are single in form

# EARLY FLOWERING TREES AND SHRUBS 

## Native and Foreign Species of Merit that Bring to Our Plantings Exceptional Beauty of Color and Form

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

IT is a singular fact that from the Orient have come all the early flowering trees and shrubs with large, conspicuous blossoms which are the delight of spring gardens. The native woody plants that are the first to bloom have tiny flowers in clusters or in catkins on the naked twigs. Most of them have no petals and are merely clusters of pinkish anthers, though a few, like the Leatherwood (Dirca palustris) and Spicebush (Benzoin aestivale), have small yellow flowers. These native plants are not devoid of beauty but exotics are the glory of our gardens in early spring.
The Witch-hazels (Hamamelis) are a small group of shrubs deserving of much wider recognition in gardens, especially town gardens,


[^11]than is at present accorded them. The native $H$. virginiana is the last of the shrubs to blossom in the autumn when its yellow star-shape flowers are hidden midst a mass of yellow tinted foliage. Another species (H. vernalis), native of gravelly beds and margins of streams in southern Missouri, Arkansas and Louisiana, bravely opens its blossoms in January and February and occasionally in late December. The flowers have a spicy odor and though smaller are more freely produced than those of other species. This plant suckers freely and is excellent for massing or for the wild garden. More showy in blossom are H. japonica and its variety arborea, large shrubs from 12 to ${ }_{5} 5$ feet high with many stiff ascend-
(Continued on page 114)

"Holiday House," the summer home of Clifford Lindholm, at Wilson's Point, South Norwalk, Ct., was a gardener's cottage. Its site encouraged the owners to remodel it

> As found the cottage offered only a chimney, two fireplaces and a splendid vista. The first step removed the old porch shown in this "before" view and added a porch on the west

## A GARDENER'S <br> COTTAGE

## THAT BECAME

## A SUMMER HOME

FOR many years this house, originally the gardener's cottage on a large estate remained vacant-a prey to wind and rain, field mice, rats and an occasional tramp. The present owners fell in love with the site rather than the house itself. The setting was ideal-large, sturdy trees and an outcropping of rock and unspoilcd vistas of rolling fields. The house had a fine old chimney with two fireplaces and a Dutch oven. This was its only saving grace, for every window was broken, the porches falling down, the roof about gone, the plaster dropped and paint only a memory. It was like a ragged child with dirty hands and face and unkempt hair, but rather wistful and fine under it all.

The first step removed the old porches; a roomy one was built facing the west. Colonial entrances were added to both front and rear. A new roof, a two-car garage and a maid's room on the first floor were added. The entire house was painted cream, the flower boxes and Dutch shutters green. The interior was plastered and painted, a new stairway and bathroom added, and electric lighting and modern plumbing installed. The completed house is now like a demure little girl with a crisp, clean pinafore and a happy shining face. Planning the furnishing and color schemes was quite a lark, but all was done with the idea of leaving something to be done each succeeding year
(Continued on page 96)

The POOL CORNER

OF A

## PAVED

 GARDENA great deal of beauty, and a particularly fine kind of it, has been concentrated in this corner of theterrace garden designeit by Marion C. Coffin for Gordon Knox Bell, ai Katonalh, N. V. Ferns, Funkia, Sedums, and Lilies form the principal planting



The house, on its eye-stretching hilltop, from which may be had one of the finest views in the country, is a product of gradual growth. It was an old house when Mr. Platt took it, and under his skilfull treatment its mellowness has been preserved while it has been assuming great architectural loveliness

The garden, also a thing which has grown gently and from time to time, lies below the house level, whence it is reached by steps through the wall and by a more gradual descent from the right. The railing along the wall, with its ornamental ends at the opening, is an unusually beautiful thing of its kind

THE NEW HAMPSHIRE GARDEN
of
CHARLES A. PLATT

M.E. Hewitt

What Mr. Platt has achieved in his garden, and what every real gardener must want to achieve, is luxuriance of bloom and foliage. The brick paths are overhung with flowers, heightening the charm of the garden's fine plan. The ornament in the center is an effective note in the midst of such simplicity

At the end of the cross path a cluster of willow chairs about a table makes a restful spot in the redolent shade of two beautiful pines. The vista through is pleasantly interrupted by a sculptured Pan mounted on the bordering balustrade,

ESIGNED FOR ITS CORNISH SITE
by

ITS ARCHITECT OWNER


# COLOR SCHEMES FOR NINE 

Nine Prominent Decorators Select The Colors, Furniture and Accessories for Rooms of Livable Character

DETERMINING the color scheme for a room is, perhaps, the most enjoyable and certainly the most important step in making a room livable. Most of us react more quickly to color than we react to contour and line. The colors of curtains, walls and carpeting or rugs make a more definite impression on us than even the shapes of the furniture. At least the first impression is color, and the secondary, contour and line; and the enjoyment follows in this same order. If the colors of a room are inharmonious, the finest furniture will look out of place there.

It is quite natural that of the hundreds of letters seeking advice from House \& Garden's Information Service, a large percentage are concerned with suggestions on color schemes. Practically each issue of the magazine makes some such suggestions and in describing the rooms that are shown the color schemes is almost invariably set down.

In order to be of still greater service to its readers, House \& Garden asked nine prominent decorators each to create the color scheme for a room. Because some of these are quite pronounced, it does not necessarily follow that all nine be used in the same house. One or more of the suggestions could be adopted for a number of homes. We start with the Enclosed Porch.

## AN ENCLOSED PORCH olive w. barnewall

walls: Palest tint of yellow orange, with black and cream marbleized baseboard woodwork: Exactly the same color as the walls, and with no glazing
fLoor: Composition laid in black and cream blocks
curtains: Chintz with Madonna blue back ground and faded pink flowers. Undercurtains of pale changeable rose and yellow gauze
furniture: 18 th Century rustic French in pearwood. Chair pads of striped linen in dull red orange, gold, green and cream
lighting fixtures: Inverted black lacquer bowls on the ceiling to give indirect lighting. Wrought-iron candle brackets holding yellow hand-dipped candles
mantel: Deepest red orange and cream marble or marbleizing in a simple French design

## A VESTIBULE AND HALL <br> MARIAN H. GHEEN

vestibule
walls: Gray with bas-reliefs of the American eagle carved out of green marble and surrounded by a painted conventionalized motif in gold

FLOOR: Gray American marble in blocks about ten inches square surrounded by a border of Greek key design in green marble. A more economical method would substitute linoleum or colored tiles for the marble
HALL
walls: Paneled in pine and waxed. At top of paneling a narrow cornice of dentils. This effect of pine paneling can be reproduced with paint and stain and the panels marked off with moldings
fURNTURE: In one convenient wall space an old Queen Anne console. Above this a Colonial mirror with a gilt frame and a panel at the top in white glass with motif in gold leaf. On either side of the console, an old chair of the period. On the opposite side of the wall space, a settle with a cushion in old needle-work in reds, blues and yellows
Curtains: Casement cloth
carpet: In hall and on stairs a wine color STAIR RAILING: Delicate wrought iron

## A LIVING ROOM elsie cobb wilson

walls: Wood panels, Georgian type if possible, painted a rather rich green. Or the panels might be created with molding nailed directly on the plaster or on to canvas stretched on the plaster.
woodwork: Painted to match the walls. The windows would be double hung upper and lower sashes divided into small panels. They would be English 18th Century type and proportion. The doors should be paneled, not large openings without doors floor: Stained a rich walnut tone with no reddish cast. Avoid the ordinary yellow tone of unfinished hardwood floors
rug: An Oriental rug or rugs very low in tone, with small conventionalized design; or a plain neutral Wilton carpet rug
curtanns: Glazed chintz with beige ground, strong green blues and soft faded reds and yellows in flowers. Under-curtains of cream organdie with flutted ruffles
FURNITURE: Large comfortable upholstered chairs and sofas with slip covers of the curtain chintz finished with box-pleated ruffles. One large upholstered sofa in blue green mohair with damask design. Small chairs with cushions of soft dull red silk. A mahagony secretary desk, English or Colonial, with books in top. A large table for magazines and books. A mahagony or walnut chest of drawers. Small tables. Mirrors with dull gold frames
mantel: Cream marble with black facing, of Georgian type. Or marbleized wood might be substituted for marble. A painting in a gold frame over the mantel
lighting fixtures: Side lights of crystal. Many lamps of Chinese porcelain or old glass

## A MORNING ROOM

CHAPIN, HARPER AND DUTEL
walls: Painted light canary yellow and glazed in antique silver
wOODWORK: Painted silver and antiqued
FLOOR: Mouse gray ingrain carpet with one or two light colored hooked rugs
curtains: Lavender sunfast glazed chintz with ruffles of the same. Valance boards of wood painted yellow and silver with diamond-shaped inserts of black glass decorated with cupid designs after the style of Angelica Kauffman. Under-curtains of silver gauze bound with narrow black moiré ribbon. Tie-backs of silver metals and clusters of black glass grapes FURNITURE: A small walnut settee covered in yellow and purple toile de Jouy with a pair of small, square yellow satin cushions. A small over-stuffed chair also covered in the toile. A low, three-fold paper screen with bird and flower design. A small table with an alabaster lamp and yellow chiffon shade. A kidney-shaped writing table, on which is a painted tin lamp with a square paper shade. A pair of black Adam armchairs with caned seats. A small tea table and one or two side chairs with upholstered seats
mantel: A Georgian design painted black with marbleizing in gold and silver. Above the mantel a mirror with an oval panel in needlepoint in which are all the colors of the room. On the mantel, a pair of purple glass ornaments
lighting fixtures: Four diamond-shaped side lights in silver finish with crystals drop
ACCESSORIES: A set of old costume prints with purple mats and black frames. A footstool in needlepoint. Colorful peasant pottery bowls for plants and flowers

## A GEORGIAN DINING ROOM JOHN G. HAMILTON

walls: Painted scenes of English hunting country with gray blue sky carried into the ceiling. A scenic paper would produce about the same effect
WOODWORK: Including paneling below a chair rail to be painted in neutral sage green
FLOOR: Large squares of black and cream marble with a baseboard of black marble. An economical substitute for the marble would be linoleum tiles and for the marble baseboard, black painted wood marbleized
curtains: Unbleached mohair hung on antique rods with rings showing
(Continued on page IOO)


The fireplace end of the room shows a pleasing and livable arrangement of furniture and an umusual mantel decoration consisting of a row of Chinese figurines, the center one set in a niche

ELSIE DE WOLFE'S
LIVING ROOM
IN SUTTON PLACE, NEW YORK

One of the features of this delightful small living room is the use of only small pieces of furniture. In addition to being exceptionally well placed these are all in scale with the room. Elsie de Wolfe was the decorator

Pine paneling and an old yellow flowered paper make a colorful background for the furniture covered in old quilted blue silk and in taffeta the color of the brown wood. The hangings are green taffeta over orange gause



Arm chairs and stools of a Directoire suite. The variety of classic urn forms in the upholstery is interesting. Courtesy of P. W. French © Co.

## FURNITURE OF THE "STYLE DIRECTOIRE"

Classical Interest $W$ as Reflected in the Furniture<br>and Fabrics of This Interesting French Period

THE "Style Directoire" is properly speaking an outgrowth of the interest aroused in the classical excavations in Italy which influenced the Louis XVI Period. But France wanted nothing of royalty or the aristocrat after the guillotine had completed its work, and the sans-culotte had heaped about themselves a general wreckage of men and things. Those enriched by the war knew nothing of art or beauty, and wanted nothing about them that smacked of the past régime of the Louises. So David, one-time Court painter, turned a profitable trick by hewing more closely than before to classic Roman and Pompeiian

The swan in this mount is typical of Directoire design


The paw foot of the Directoire follows classic models closely

A type of chair leg much used in the Directoire period
lines. Classic ornament had already appeared on Louis XVI models, classic structure had also been employed, but an abandonment of richness, a simplification of detail, and a complete re-adaptation of


The arm chair of a suite, the sofa of which is shown below. From the Chateart de Compiegne. Courtesy of P. W. French and Co.


A characteristic Directoire sofa with fine use of lotus leaf ornament on legs and arm supports. The upholstery was designed by Louis Tessier, flower painter to Louis XVI. From the Chateau de Compiegne. Through courtesy of P.W. French \&-Co.
classic structure and ornament give as distinctive a flavor to the Directoire Period as they did to the work of the Adam Brothers and Hepplewhite in England.

The painter David was the real dictator of style at this period, as later under the Empire. He lent his approval to Percier and Fontaine, presented them to Napoleon, under whose orders Malmaison was remodeled and refurnished. If you take the better-known Empire models, lighten their construction, strip them of most of their carving and mounts, supply a homogeneous design for the ornaments often sprinkled aimlessly over their (Continued on page 98)

A keyhole based on the lyre motif with a woman's head and two swans


This simple chair foot is often used on rounded types of leg.

This table leg shows the use of the slender animal leg and paw


A gently sloped arm on a vase shaped support is usually found on chairs of somewhat lighter types of construction

## A LITTLE PORTFOLIO OF GOOD INTERIORS



Harting

Partly on account of the mellow tones of the antique walnut paneling, but more because of the open book shelves extending to the ceiling and the comfortable arrangement of furniture around the piano, this room gives the impression of having been long lived in and enjoved. The color scheme of the furnishings contri-
butes to the effect of dignity and repose-wine colored satin hangings with painted valance boards, an Italian chair covered in antique red damask, Oriental rugs in faded, soft tones and a love seat done in old needlepoint, which repeats the varied colors of the book bindings. Agnes Foster Wright was the decorator



The window group with its livable arrangement of furniture and decorative curtain trealment is easily the dominant feature of the living room in the New York home of Mrs. John D. Morris. The walls are gold, the hangings green and gold taffeta, the valance board bottle green, gold and black. Agnes Foster Wright, decorator

An intriguing use of color distinguishes this dining room in a New York apartment. Rough finish orange tinted walls and woodwork painted orange and henna make the background. The curtains are peony colored velvet and the antique flower panels old blue on a flake while ground. Agnes Foster Wright, decorater



The built in picture is best adapled to the space over the mantelpiece. Here an architectural painting by Allyn Cox is an important feature of the living room in the New York home of Richard H. Dana, Jr.

WHENYOU HANGYOUR PICTURES

A Nicely Balanced Arrangement as Much as the Interest of the<br>Pictures Themselves Contributes to the Final Beauty of an Interior

ALDOUS HUXLEY

IN the present article we propose to deal with pictures purely as decoration. We shall think of them simply as flat panels, generally rectangular in shape, and decorated with an indefinitely wide range of forms and colors, whose function it is to break up wall spaces, to alter the proportions and to give life and interest to a bare room. With the content of pictures, with the aesthetic quality of them we have nothing to do here.

No pictures in a room are preferable to too many. This is true not only of the amateur water colors and family photographs, it also holds good in the case even of good pictures. Too many pictures hung on the walls of a room that is meant to be lived in produce an effect of restlessness and distracted multiplicity which is fatal to any sound scheme of decoration. It is hardly necessary to comment on the disagreeable appearance of a great many small pictures hung in several lines or in groups round a room or over a mantelpiece. However well planned the decoration of the room may be in other respects, it will al-


Harting
ways, with its innumerable spots of individually interesting pictures, be an unrestful place to live in. Moreover, the result of running several or even a single line of pictures in close proximity round the walls of a room is in many cases to destroy the proportions of the room. A band of decoration carried horizontally round a room at shoulder height must inevitably have the effect of making it appear lower. In lofty rooms the habit of using a picture rail and treating the space above in conformity with the ceiling rather than with the space below lowers the apparent height of the room. This was an advantage in rooms of the Victorian era with their disproportionately high ceilings. The lower rooms of today require no frieze, and if support for pictures is needed, that can be provided by putting the picture molding at the top of the wall just sufficiently (Continued on page 142)

Much of the effect of this charming group is due to the quaint old silhoucttes hung one above the other on cither side of the window

## LIBRARY OF HAWAII



In the Long Island home of Edward R. Tinker there is an unusually effective arrangement of old colored bird prints lung in threes on either side of a decorative mirror Diane Tate and Marian Hall, decorators

In the living room below the pictures have been exceptionally well hung. The main central picture is balanced by three small pictures on one side and a large one on the other. Chapin, Harper and Dutel, decorators

Old colored bird prints lung around a doorway are an attractive feature of the dining room in the New York home of Mrs. A. F Tiffany. The frames are lacquer red to match the trim, the walls are yellow plaster

A picture appropriate in size and shape luing above a cabinet will often accent the beauty of the piece of furniture. The landscape below completes a group in the home of Albert Bartlett. Mrs. Buel, decorator


Harting

A PAGE
of
UN USUAL
CORNERS


# SILK FABRICS USED IN THE HOME 

A Summary of the Plain, Stripes and Figured and Piled<br>Silk Materials Suitable for Seasonal and Sectional Uses

LUSTERLESS silks are increasingly used in decoration for the earlier historical periods now gaining attention, such as the English Jacobean, Elizabethan and Tudor, early French and Italian periods, and for Spanish interiors. Rough plaster walls, beamed ceilings, dull wood paneling-especially oak, furnished with primitively constructed and ornamented furniture, require dull satins, dull brocades, brocatelles, damasks and velvets, the rougher and duller the better. These are now woven with slip stitch, loose ends and streaks-strié, to achieve the effect of an old worn fabric but with wearing qualities which antiques do not always afford. Satins, brocades and damasks with more lustre are used for the later French periods, Georgian-especially Adam and those Mid-Victorian interiors, all now in evidence.
Silk fabrics may be plainly woven or figured in both smooth and pile textiles. Plain and pile fabrics may be a single color or combine two or three colors producing "changeable" and "antique" effects in taffetas, satins and velvets.

TAFFETA is plainly woven over and under like darning, in one color or two or three combined for "changeable taffeta", finished crisp or soft. Soft taffeta is in vogue for hangings, especially liked for women's bed rooms and boudoirs, the more lively "changeable" being appropriated by young girls for hangings, cushions, vanity table accessories and the chaises longue. Taffeta is suitable for French furnishing and is occasionally used for upholstery. Its name comes from a Persian word tatah, meaning "woven" or "twisted." It was made very anciently in the Orient, and was known to our great grandmothers as "taffety."

Gros Grain has a more or less pronounced ribbed effect. From the French gros, "thick" or "coarse" grained. Thin gros grain is used for lining hangings and for casement windows; the heavier weight is used for cushions, chair pads and accessories.

Rep. A very heavy crosswise rib. An expensive upholstery for heavy furniture and hangings. Its solid, heavy folds makes it suitable for stately rooms.

Moiré. A ribbed fabric pressed by heat giving a "waved" or "watered" effect, indicated by its French name. Its play of light and shade gives liveliness to draperies and upholstery for women's rooms. Used for the later French periods. Satin striped or brocaded moirés are used for large hangings as in hotels.

Armour. French Armure. Any small pebble or diamond weave simulating chain armor for which it is named. Striped, with floral designs in Spanish colors it is now

## MR. and MRS. G. GLEN GOULD

popular for upholstery and drapery. Plain colors are used for casements. Armours are cheaper than damasks.

Satin is given a smooth lustrous surface by letting as long a thread as possible show lengthwise of the material. "Antique" satins simulating old hand weaves are more or less coarse, sometimes strié; they are also loosely woven in one color or changeable effects. Light-weight French colors are used for bedrooms; darker colors, such as wine, for living rooms. Heavy satins make good upholstery fabrics. Italian satins have more sheen than the English. Europe knew little of satin until the 16th Century, but China wove it anciently; its old name aceytune or zetani probably derives from Zaytown in China.

China, Japan and India Sllks are plain, thin soft silks made in those countries; used for linings, sash curtains and lamp shades.

Pongee is a canvas-like weave, often rough, made of dark or wild silk "tussah," in natural, putty color or dyed variously. Used for casements.

Grenadine. An openwork gauze-like weave; plain, striped, latticed, figured or lace-like. Appropriate for expensive écru casement curtains for a whole house, and for French doors.

Gauze. Named from Gaza in Palestine. A veil-like fabric used for lamp shades, and delicate bed and French door hangings.

STRIPED silks are made in every weave. Crosswise stripes are primitive; vertical stripes aristocratic, and give height to rooms. Much used for upholstery and hangings in French, Georgian and Colonial periods. Give smartness. Stripes enriched with design, are now obtainable in Spanish colors.

DAMASK is so woven as to produce a pattern by difference in weave, as in a linen table cloth. Named from Damascus, anciently famous for this weave. More damasks are used than any !other figured silk. Walls when hung are usually in damask. It is also used for hangings, upholstery, cushions, table covers and decorative wall panels. Available in one, two or three color combinations and in all period designs. It carries a large bold pattern effectively in

With this article begins a series of contributions on the various fabrics used in home decoration. Each fabric will be defined and its possible decorative uses suggested. There will also be some notes on popular colors and sectional preferences. The next article will consider Imitation Silks
public rooms and large houses particularly.
Broché, from the French meaning "stitched" or "sewn," is a soft light weight silk with a surface pattern resembling more costly brocade; often striped. Used for bedroom hangings, especially in hotels; linings for expensive hangings and lamp shades.
Brocade simulates embroidery in a satin stitch on a satin, gros grain, moiré or taffeta ground, either plain, striped or damasked. It originated in China, as did all silk, thousands of years ago. All-silk brocade takes the textile fold par excellence and is the last word in weaving. Taffeta brocades combine well with taffeta in bedrooms and boudoirs,taking the light taffeta fold. Satin brocades fold richly. Brocades are made in all period designs. They are used in small quantities for upholstery rather than large expensive hangings, unless with cotton mixtures.
Brocatelle. A very heavy brocade, the design appearing to be raised. It is much to the fore in upholstery and hangings for large spaces in bold outstanding Renaissance designs. For heavy Italian, French and Georgian furniture in hotels, clubs, public rooms and mansions. Silk combined with jute and other fibers gives a heavy woolen-like fold. All-silk brocatelle is sumptuous for wall panels.
Cloth of Gold, the French drap d'or. Modern gold cloth has a ground of metal thread and figures of brocade, brocatelle or velvet. "Metal brocades" have metal threads woven in the ground or design. More used for hangings than upholstery; takes a fixed metal fold sometimes desirable for contrast.

$V$ELVET, from the Italian vellutomeaning "shaggy." Now woven in two thicknesses, face to face in the loom, and the threads of the pile cut with a moving knife, and so called "cut velvet." Known anciently in China. Asia Minor, and Italy wove very fine velvets from the 15 th to the 17 th Centuries. French Lyons velvets are noted. American velvets are magnificent. Old "Jardiniere velvet", prized by collectors, has a design with flowers and leaves grouped with or without a vase or jar. Jardiniere is from the French jardin, "garden." When woven with gold thread, Jardiniere velvets were anciently known, with other gold fabrics, as Cloth of Gold. Plain velvets are more used for upholstery than hangings, as in an English room for a sofa with needlepoint chairs. "Añtique" velvêts are either strié, woven in irregular streaks of darker shade, or with ground and pile of different colors, giving changeable effects. Striking Spanish colors are available. These are (Continued on page 122)


In place of the customary curtains, the windows in an informal country house living room might have decorative shutters, the framework of which is painted to conform with the trim. On this is stretched a layer of fine wire covered with pleated silk, all of which is held in place by a diamond shaped motif of French ribbon

Shutters as unusual as these quite make up for the lack of curtains. They are painted delicate pink with a border line in gold. In the center is a design of three feathers in pink, white and blue held by a pink bow

## PAINTED SHUTTERS

 FOR THE COUNTRY HOUsE

Paneled shutters painted in landscape effect would be smart in a room with white walls and woodwork. Or colored prints or pieces of tile could be set into the panels and outlined very simply by blue and gold moldings

In a country cottage or farmhouse the shutters are painted daffodil yellow with blue moldings and decorated with stars and clusters of old fashioned flowers. A yellow marbleized shelf underneath is used to hold pots of flowers


In a grey hall with a black and white marble floor a pair of umusually decorative shutters have been used at the French door. These are painted sepia and gold on one side and vermilion on the other

This roof is laid with Anaconda copper shingles, in a complete range of colors which are a part of the copper itself. The copper stingle is the newest comer amone bermanent roofings

NATURE AND ARTIfICE IN SHINGLES

To the Properties of Wood, Metal, Asbestos and other Materials Is Added the Resourcefulness of the Modern Manufacturer

MATLACK PRICE

$\mathbf{N}^{\circ}$O roof, regardless of its material, can be any better than the workmanship employed in laying it. This is a point of paramount importance to remember always, and not only in the matter of roofing. When any building material or equipment fails to perform satisfactorily, most people place the blame at once on the manufacturer, entirely forgetting that there is practically nothing tbat goes into a building but must be properly and conscientiously handled by the workmen who use or install it. In the matter of roofing, for instance, most leaks occur in the



Asbestos siningles have developed in the direction of a beautiful range of colors. A roof of the type illustrated here naturally created the name "Colorblende"


Laying "Flextone" asbestos shin gles over an old roof, the roofer uses beveled strips of pine to make an even surface
"Colorblende" asbestos shingles create a rocf with an interesting evariegation of color, in harmonious natural shades


Here asbestos shingles, laid to form apparently hexagonal units, are being placed directly over an old wood shingle roof

The thatch effect has now been achieved with Anaconda copper shingles. The color here is the natural oxidized green
"valleys", where one roof joins another, or at the points where chimneys or dormers project. Here, no matter what kind of roofing you use, a tight roof depends upon the skill and care with which the workmen apply the "flashing" and water-proofing. Flashing is the term used to name the pieces of sheet metal which are put under the shingles wherever valleys, chimneys or dormers occur.

Another detail which often causes dissatisfaction with roofs, but which is not the fault of shingles, slate, tile or whatever -(Continued on page 154)



The garage, with a play-room in its second story, is connected with the house by a covered bridge, and this view shows the entrance front, with driveway and turn-around in the foreground

THE MODEL OF
A HOUSE IN

This perspective shows the garden front, without the pergola shown in the plan, and the garage entrance. An excellent type of house to build where a period distinct style would be inappropriate

Various closets, a sewing room and dressing roon have been provided in this interesting second floor plan, as well as two sleeping porches. Windows have been accommodated without recourse to dormers

O'KANAGAN VALLEY, B. C.
A. R. HENNELL, Architect

Being the work of an English architect, the plan of this house is unlike most of our plans. We would be likely to make an opening between the dining and sitting rooms rather than separate them



Melichar

The garden front illustrates the effectiveness of a formal terrace as a selting for a house of this type. Even from a distance it is apparent that mullioned casement windows are essential in any adaptation of this particular kind of English country-house architechure


The half-timber work, with brick nogging, is ruggedly wrought of oak, and hasbeenleft to weather without finish of any kind. Rough slates, and the random color and texture of clinker brick add to the interesting play of the natural textures of natural materials


The mullioned bay windows under the long overhang form one of the most attractive features of the garden front The terrace is grass-grown centeredwith a flagstonewalh

THE RESIDENCE of HARRY C. BLACK ROLAND PARK, BALTIMORE, MD.


In the planning of a house of this size the architect has ample space in which to provide the most adequate, and even luxurious living accommodations. Fireplaces in four bedrooms make an umusually delightful feature

The garage is connected with the house, of which the main plan characteristic is the central hall. The mullioned bay windows. with leaded casements, create charming interiors for the three main rooms downstairs

There Still Exist Examples of These Baroque Palaces<br>Built by the Spaniards With Native Indian Labor

MARQUES DE SAN FRANCISCO

WHEN the Aztec city of Tenochtitlan fell into the hands of the Spanish conquerors, it was little less than a mass of ruins, and Cortés and his companions had immediately to set about its reconstruction. But as their chief attention was given to the necessities of the moment, the first buildings they erected were rough, unpretentious and entirely devoid of architectural beauty; they were fortresses, in fact, rather than homes, for nearly all had strong turrets and battlements for their defense.
With the wonderful progress of the Colony, however, the architectural aspect of the city gradually softened down, so to speak; the general style predominating during the 17th Century being the Baroque, and during the 18th Century the Churrigueresque, a modification of the former. But it must be remembered that the Indian artisans, as soon as they were allowed some liberty of expression in their work, clearly showed the influence of their ancestral art.
In the interpretation of the
The principal doorway of the Conde de Heras' palace shows how the architectural decoration was often concentrated in a single element

models set before them by the Spaniards, their manner was barbarous at times, it is true, but hardly ever lacking a certain primitive elegance.

The materials employed and the abrupt contrast between the plain and the decorative parts bestowed a unique character on the architecture of New Spain. Nearly all the houses were built of texontle and chiluca. The former, a crimson, porous stone of volcanic origin, was generally employed for plain surfaces and panels, while the latter, grayish in color, was admirably suited for border-work and ornamental carvings. The combination of the two materials produced a rich and picturesque effect, which was further enhanced when azulejos, or glazed tiles, were employed in decorative surface treatment.
Work of the 18th Century,the golden age of civil architecture in Mexico,-is chiefly remarkable in that great importance was given to the composition of portals, and in that the angles of two-fronted houses, on street corners, were especially ornamented, as if the

[^12] dow trim, and ornate pilasters

attention of the architect had been chiefly bestowed thereon.

The palace that belonged to the Conde de Santiago stands to this day, its most noteworthy feature being the huge gargoyles in the shape of stone cannon projecting from the cornice: the privilege of those who held the rank of Capitan General. Its stairway is magnificent, and the great open court bears, on three sides, splendid arched galleries, ornamented in the lower cloister with family quarterings, and in the upper, with handsome gargoyles. On the the remaining side of the court, an artistic, though strangely designed fountain, may be seen. The importance of this house, in the colonial days, was due to its being considered the rendes-


The upper cloister in the Conde de Santiago's house is remarkable for its splendid arches and its cannon gargoyles that are the insignia of those holding the rank of Capitan General

Quite the highest of the Mexican colonial houses is that of the Conde de Valparaiso, with its fine court

The trim of the oralory doorway in the upper cloister of the Conde de Santiago's house is richly elaborated

One of the smaller houses is that of the Marquesa de Uluapa, of which the asotea or roof garden is illustrated here. The decorative glased tiles give it pleasantly picturesque color


vous of the aristocracy. Being situated in the old Calle de Ixtapalapa, with the Hospital de Jesus, founded by Cortés, at the ccrner cffcsite, its balconies provided excellent accommoclation, whence the Viceroy, Archbishop and other high officials might watch the muchvaunted pyrotechnic displays provided by that famous Institution on the cccasion of some festivity, as well as the religious ard civil processions and masquerades which frequently passed along the then principal street.
The turrets that are to be seen generally on the tcp corner of old manorial residences are a relic of the old bastions erected, as it has been said, by the first
(Continued on page 102)


A country house closet has compartments for golf bags and tennis racquets, a storage place for balls, etc. and a drying space above the radiator. On the other side are cupboards for coats and rubbers

The closets in the Long Island home of Mrs. Edgar F. Luckenbach are both practical and decorative. In the one below shelves are provided for hats and shoes. Sliding drawers hold underwear. Herter Looms, decorators



Three sections of the built-in cupboard above are lined with aromatic red cedar which comes in panels to fit closets of any dimensions. By courtesy of Kilmoth Products Corp.

## WW

Shell pink glazed chintz with deep scallops bound in French blue makes a smart trimming for closet shelves


In a closet with yellow walls, the shelves might be covered in white oil cloth, scalloped and edged with yellow rickrack braid


A linen closet in the home of Mrs. Harold Lehman in Tarrytown, N. Y. has shelves edged with pleated net and pink satin ribbon. Mrs. George Herzog, decorator

A feature of the closet above is the sliding rod which brings the entire wardrobe out into the light. Knapo \& Vogt. Other compartments hold hats, underwear, linen and blankets


The shelf trimming above is of filet lace over blue satin with edging of ruffed net and narrow mauve ribbon


Pale blue satin, ruffied net and narrow French ribbon in shades of rose, make this attractive shelf trimming. From Mrs. George Hersog

PRACTICAL AND DECORATIVE CLOSETS

# Twenty Devices That Aim Towards Simplifying 

The Management of the Modern Home

ETHEL R. PEYSER

$I^{T}$T is so obvious to-day why space must be saved and why it is more necessary even than saving time, that we will dismiss any extraneous discussion and list the practical, space-saving objects that we have found, and found good.
I. Sub-bed closets. In many places the spaces beneath beds are not utilized. It is hardly ideal to be forced to use these spaces, yet, where there is very limited room, these spaces may be filled engagingly by the flat wooden box on smooth running wooden wheels, which makes the pulling out of this horizontal closet comfortable and painless. Usually, in clothes presses, there are hung up quantities of clothes which are not needed daily, and which irritatingly confuse the issuing from the closet of the clothes that are needed. Furthermore, they have the dropsical habit, and irritation is piled on irritation more seriously than ever poet piled Pelion on Ossa. So, to avoid these mounts of torture, we recommend this flat drawer, which will reduce the fatigue of searching and the rigors of hesitant dressing.
2. the clothes tree. Clothes never seem to take up as much room as when they are waiting to be ironed or when drying. There is a little clothes tree on the market which is able by its structure to enforce dryness. This is merely an enameled rod supporting tier on tier of hinged arms which, when not in


Wheels help slide these drawers under the bed.
use fold down flatly against the rod. The little standard which holds it takes up very little room, and it is very well balanced. It is as useful an instrument in the nursery as in the kitchen and its low cost gives it further allure.
In other articles we have told you of the excellent overhead dryer which is marshalled to its elevated place a few inches from the ceiling with pulleys.
3. ELECTRIC STove. A small electric stove about seven inches square on which you can broil, toast and boil at the same time is now available. It has a little double boiler which comes in the shape of a sauce-
pan and frying pan (with covers) in tiers This takes up little room and it can be put on a table behind or in front of a screen. This same stove comes with two burners, double the size of the little one, and an oven comes with it. There are no showy fixings to take care of, no keys, levers or dials to manage. Cooking on them is sure and simple. Both cost under \$1o.
4. ironing comfort. The ironing board with one end on the table and the other on a skittish chair back can be exiled. For now there is the ironing board on non-warpable steel supports. It folds up, and can be stored in the minimum space.
5. Dishwasher and sink. One of the happiest inventions of potter and electrician is the sink within which is the dishwasher. In this you have a great saving of space and you have the ideal position for the dishwasher, for it is attached permanently to your water supply. Thus there is no time lost in filling or emptying the washer of water. Of course, if your house is already built, you may not wish to consider this, yet before building, it certainly is worth serious reviewing. The sink itself is of porcelain and is no larger than the ordinary sink with drain board.

The dishwasher lives in the left side of the sink. This is in the form of a basket fitting down below the surface of the drain board and over a cone, out of which gushes the (Continued on page I30)


A mong the useful built-in devices for the kitchen is the ironing board that folds into the wall

When not in use the buitt-in ironing machine disappears into a closet. It is operated by electricity


A sink and dishwasher in one saves space


# EQUIPPING AND MANAGING A GARDEN 

Departmentalize Your Garden Work and Equipment and Your Gardening Will Run Smoothly

$\mathrm{A}^{\mathrm{L}}$LTHOUGH gardening is a great game and a constantly amusing hobby, its labor will be lightened and its enjoyment increased if you apply to its maintenance some of that executive management where by an office is kept running smoothly. Even the smallest garden can be improved by departmentalizing its work, and in a large garden it is an absolute necessity.
The first thing to do, either in making a new flower garden or in maintaining and enlarging one already established, is to distribute the work so that at no time does it become a hectic rush. True, if you have vast means, a garden can be made almost over night-but who wants such a garden? True also that with a staff of gardeners and helpers the crowded days of spring can be made to pass without friction and heedless expenditure of energy. But in the average garden where there is used the part or whole time of a gardener and the owners do most or some of the work themselves, this work should be so distributed over the seasons that there is no need for rushing.
Spring and Autumn are two bottle necks where garden work seems to jam, and that is because a great many gardeners do not realize that these seasons alone are not the only ones in which planting can be done successfully.
In developing a garden you should also make a schedule to extend over several years so that both the work and the expenditure can be pro-rated.

THERE is practically no season of the year when shrubbery and trees cannot be transplanted with a safe margin of their surviving. Only, one has to know how. There is practically no time in summer when most of the perennials and annuals cannot be shifted about so long as their roots are not disturbed too much. Consequently a great deal of the planting and moving that used to be crowded into Spring and Autumn days can be distributed over summer and early Fall. Trees and shrubs require more laborious but no less skillful handling; the same principle applies to them, however, for they can be moved at any season, so long as their roots are handled carefully and provision is made for adequate planting, watering and guying.
Seed sowing also can be distributed over several months-the annuals first, either indoors in the house or outdoors in a hotbed or cold frame, then the biennials, then the perennials; say, March and April for annuals, May for biennials and June for perennials. This schedule allows enough time for the biennials and perennials to attain a robust size before frost. The hardy annuals can be sowed in a cold frame in October, covered up and closed when
winter comes and thus get an early start in the frames when spring begins to warm up. They can also be sown out of doors in a seedbed and protected after freezing weather sets in. The annuals that may be fall planted include Sweet Peas, Poppies, Pansies, Nigella, Candytuft, Sweet Alyssum, Snapdragons, Calendulas, Corn Flowers, Clarkia, Larkspur, China Pinks. Perennials also can be given this treatment; I have had especially good luck with fresh Delphinium seed sown in the frames in late fall and covered up, they gave me sturdy little plants at the frames' spring opening.

T${ }^{\top}$ HE dog days of August usually see a slackening of garden endeavors. At that time there isn't much else to do beside cutting the grass, dusting the Phlox with sulphur to keep off mildew, watering occasionally and reading bulb catalogs. That and contemplating one's handiwork. This should be a lazy month-a good time to dream and just "set." But it is a calm before the storm of Autumn work, and Fall planting tests the sportsmanship of the true gardener.
Autumn is the time for harvesting bulbs, tubers and plants that cannot stay out all winter, of making or remaking borders, setting out perennials into their permanent positions and generally straightening up. I cannot impress too much the necessity for straightening up, of leaving all beds weeded and properly edged, of clearing away brush piles and all such "regulating," as they call it in New England. This done in the autumn will give a clear field for spring work.

Even this autumn work can be extended over several months, from September ist to the hard freezing weather of November rst. For example: the newly raised perennials should be set out some time in September so that they will become well established before frost. Established clumps of hardy perennials can be moved in October when there is little leaf growth and all the plant's energy can go into root growth. Other changes in the flower borders can be made early in the Fall. Phlox, however, can wait until October, and do not plant Roses, and Tulips until November. If you expect a hard freeze, the spots where bulbs and roses are to go can be kept warm with a

This is the fourth and last of a series of practical gardening articles written for beginners. They were prepared by the editor of House \& Garden, Richardson Wright, and form part of a Book, "The Practical Book of Outdoor Flowers", which is being issued this spring by
J. B. Lippincott \& Co.
heavy covering of manure or leaves. In late August and September plant both the broadleaf evergreens such as Rhododendrons and Laurels, and the conifers, such as Pines, Spruce and Hemlock. The Lilies will depend on when received-August and September for the Madonnas and native types and later for the Chinese and Japanese imported bulbs. Trees and large shrubs can be planted after the first hard frosts of September and October. After the hard freeze has made the ground solid, then the winter mulches can be laid on the beds and borders.

Although it is possible to transplant, at any time of the growing season, there are certain exceptions to his statement if one wishes to be assured of bloom the following year. Thus the spring blooming perennials and shrubs had better be moved in the autumn and the summer and fall bloomers in the spring. Anemones, Bleeding Heart, Columbines, Globe Flowers, Iris, the various bulb Lilies, Peonies, Primroses and, of course, Narcissi, Tulips, Crocus, Squills, Hyacinths and the other spring flowering bulbs must be set out in the fall; whereas Anemone Japonica and Chrysanthemums which flower in the late autumn, should be planted in the spring. The deep rooting perennials seem to prefer fall planting; an example of this is the Oriental Poppy which has a long, fleshy root.

THE question of mechanical equipment depends a great deal on the size of your garden. And while it is perfectly possible to keep a small garden in shape with the simple quartette of spade, rake, hoe and trowel, better and quicker work can be done with more specialized instruments. Whether the equipment be large or small, it should be kept in an orderly fashion in some sheltered spot-a shed, closet or barn-and not allowed to lie around after the work is finished. Have a definite place for every instrument and return that instrument to that place. I know of one well-regulated tool shed where the owner has painted on the wall the silhouettes of the various tools, and he can tell at a glance what is missing or out of place. Tools should also be wiped off with an old rag or burlap after using; an accumulation of dirt on the edge of a spade reduces its digging capacity. All such equipment as lawn mowers, hedge shears, lawn rollers, etc. should be kept well oiled. In storing away stakes, they should be assorted according to sizes and the sizes kept in separate piles or bins.

The following equipment is suggested for a medium size suburban or country place where the owners do most of the work. Some of the items may be duplicated
(Continued oir page IO8)


The Swamp Azalea is an altogether lovely shrub of delicate fragrance and tint. It is growing here among the fronds of Cinna-

A shimmering pool, with its varied possibilities for debetter filler than soil for some depressed spot in the grounds

In July the fragrant blossoms of Summersweet will lend color, perfume and a peculiar grace all their own to the mass of the shrubbery border

A greal mass of Rosebay Rhododedron clothes a shaded, sloping bank of the Arnold Arboretum. It is best used for background effects

Few evergreen shrubs present as striking an appearance as our own Mountain Laurel At the Arnold Arboretum it shows to splendid advantage


Dark green foliage and blossoms that range from bright yellow to orange-pinks and reds mark the Flame Azalea as a leader in its class. Use it in groups



A close study of Mountain Laurel blossoms discloses a satisfying harmony of soft pinks and whites and a perfection of form and grouping that leaves absolutely nothing further to be desired

In May the delicate pink blossoms of the Wild Azalea or Pinxter, subtly scented, fill the woods with loveliness. This is one of the most adaptable of our native early-spring flowering shrubs


In spring, the Hawthorns give lavishly of their white blossoms. They are in the foremost rank of our native flowering trees, and may be readily transplanted Red fruits come in October

AMERICA

How They May Be Tastefully Used to Create<br>Charming Natural Pictures About Our Homes

OUR forests and fields are lush with wild bushes and flowering trees of extraordinary beauty. From early March, when the pale gold stars of the spicebush light up the swamps, until late October, when "through the gray and somber wood the hazel's yellow blossoms shine," there is an unbroken succession of rich foliage, colorful and fragrant bloom and brightly glowing fruit, beloved by the birds.
Just why these treasures of our own country have for three-hundred years been ignored and denied the dominancy they deserve in the plantings about our homes, is an unaccountable mystery. Perhaps Emerson came near a solution in his line,
"We are immersed in beauty but our eyes have no clear vision." Or, perhaps we have been unable to rid ourselves of the obsession that trees and shrubs, like other things, are better, somehow, if they

come from far away situations. Be this as it may, we are happily making belated but no less welcome amends, nowadays for our past neglect and indifference. For this let us give full measure of thanks to the automobile. It has taken us into the wild places and we are no longer strangers to Nature. With opened eyes we regard the amazing diversity of our native flora and are charmed with its beauty and evident merit. We are making comparisons. We realize that much of the exotic planting material that has been foisted upon us has no proper place in our scenery. We are becoming convinced that native (Continued on page 104)

[^13]

A charming fixture for a living room is thes design of a slender sheaf of arrows made of carved and gilded wood in anlique finish. 19 inclues light, 13 inches spread, $\$ 85.50$


Merrill
A two light wrought iron bracket with touclues of antique gold and color is 15 inches high and so inches wide. The price is $\$ 30.50$ without shields


For a Coionial room comes a reproduction of a brass whale oil lamp. $9^{1 / 2}$ inches high, $\$ 23$


The three light lan tern above is finished in brass and ebony. $\$ 75.50$



This gracef ul fisture has a mirror back with a sapphire blue glass border. Crystal drops and blue glass candle cups. Measures 13 inches high, $111 / 2$ inches spread $\$ 10.50$

圆
A graceful fixture for a bedroom or informal liong room is finished in dull silver and lias engraned mirror back 8 matres high, 7 inches spread, $\$ 25.50$


A star lantern is unussually effective in a Tuall. This one has a wrought iron frame Clear glass, \$50.50. Amber, blue or red glass, \$55.50, 77 inches ocer-all

Above is an attractive Empire bracket finished in black and gold, \$35.50. 20 inches $x 63 / 4$ inches. It may be had in other finishes for the same price


A two light Colonial bracket has a design bracket has a design
in gold engraved on in gold engraved on 81/4 inclies high, 41/4 inches wide. In any finish, \$30.50


Harting
A feature of this living room is the unusually decorative silver and crystal sconces and chandelier. The crystal drops are sapphire blue to match the satin hangings. Agnes Foster Wright, decorator


The back plate of this effective bedroom fixture is in two colors to match some note in the room. Plate $41 / 4 \mathrm{in}$ ches $x 61 / 4$ inches, $\$ 15.50$


A wall sconce of early English origin is made of heavy brass. The back plate measure $73 / 4$ inches $x 4$ inches. Spread $101 / 2$ inches. For candles \$13.50. Wired for electricity, \$16.50


An unusually decorative crystal fixture for a dining room has a base and supports in antique brass finish. $151 / 2$ inches high, $\$ 38.50$

A VARIETY OF LIGHTING FIXTURES
The fixtures shown on these two pages may be purchased through the House \& Garden Shopping Service, In West 44th Street, New York City, if not available in the local shops. A service charge of 250 on articles up to \$10 and 50 c on any article over that amount is included in the prices. Kindly send certified check, money order or check on a New York bank. Other data on lighting fixtures will be found on pages I 34 and $I_{3} 8$

## The GARDENER'S CALENDAR for APRIL



Mrs. T. H. B. McKnight As editor of the Garden Club of America Bulletin, Mrs. McKnight reaches a great group of the country'smost enthusiastic garden amateurs


Madison Cooper UpinCalcium, N.Y. Mr. Cooper prints The Flower Grower, a monthly magazine concerned with the pleasant task of humanizing horticulture

| SUNDAX MONDAY |
| :--- |
| This Calendar of the Gar- |
| dener's labors is designed |
| as a reminder for his sea- |
| sonal tasks. Theough |
| planned for the Middle |
| States it should fit the whole |
| country if for cvery hundred |
| miles north or south garden |
| operations be retarded or |
| advanced five to seven days |



 be kept loosen-
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ed digking fork.
This nits nemsity
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and also pre-
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the $\begin{gathered}\text { Sed } \\ \text { rows. } \\ \text { that are slow }\end{gathered}$
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can be protectcan be protect-
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bine twe en en the
labele Soin cul

ivation | tivationis more |
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| necessary |
| with | young plants

than old.
27. Have you spraying ma-
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for the host of
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arectain to
visit you this visit you this the currant
bushes now with arsenate
of tead to deof lead to de-
stroy the green stroy the grecn
currant worms tended to
very small.

| tuesday | wEDNESDAY |
| :---: | :---: |
| ${ }_{\text {berries }}^{\text {L }}$ Straw- should | $\begin{aligned} & 2 . \mathrm{Ras}_{\mathrm{R}} \\ & \text { berries, black- } \end{aligned}$ |
| now be uncov- ered for the | berries, cur- |
| ereason. The | $\underbrace{\text { gat were }}_{\text {goseberries }}$ |
| ${ }_{\text {chen }}^{\text {winter mulch }}$ of manure can | that were buried last fall |
| be forked un- | can now be un- earthed. An |
| derc. If no | earthect ${ }^{\text {an }}$ an application of good maure |
| lied, however. | good manure worked into |
| good top dress- | the berder now |
| ing with bone meal before | $\begin{aligned} & \text { will materially } \\ & \text { improve the } \\ & \text { fouit } \end{aligned}$ |

This month the Calendar gallery contains the portraits of the editors of seven periodicals devoted entirely to matters of the garden and affairs of horticulture. It would be hard to name a pastime more pleasant than theirs-regularly to write and
find and prepare those pages, unless it be that which consists in doing the reverse, and reading them For whether they are written for the amateur or the professional they manage to make themselves irre-
sistible to anyone who has or wants a garden


Elizabeth Wigginton Miss Wigginton's Farm and Garden is the interesting publication of the Women's National Farm and Garden Association, published in Chicago

J. Horace McFarland The editor of the American Rose An nual is president of the American Civic Association and a printer. publisher and ama teur gardener of note

E. I. Farrington Horticulture, edited by Mr.Farrington, has lately become the organ of the elderly but splendidly vigorous Massachusetts Horticultural Society

M. C. Ebel

The Gardeners' Chronicle, of which Mr. Ebel is the editor, represents the National Gardener's Association, and is a digest of garden information


A package of chocolates that speaks of the far-off isles where cacao trees bend in the breeze of the Spanish Main.

A visit to PLEASURE ISLAND is best when made by a man and a maid, and together they enjoy the plunder from this wonderful chest of chocolates.

Anyone, at any age, can explore PLEASURE ISLAND provided they have not lost the youthful keen taste for good things, the love of romance, the imagination to see the picturesque.

What does this odd and beautiful box of chocolates mean to you? Do you thrill to the call of its bags of bullion sweets and its tray of candy treasures? If you do you have the passport to PLEASURE ISLAND.

The PLEASURE ISLAND package is one of Whitman's Quality Group which includes THE SAMPLER, SALMAGUNDI, THE FUSSY package and other celebrated sweets. Buy them from the nearest dealer-agent. Write to the nearest Branch for an illustrated booklet.


## WAX Finish Denotes Refinement

Through all their centuries the beautifulinteriorsof famous European castles have known no finish but wax. Perfectly preserved-the waxed wood mellows and glows with the years. This same beautiful finish can be easily duplicated on the floors, woodwork and furniture of any American home with Johnson's Polishing Wax.

## JOHNSON'S  POLISHING WAX

Johnson's Wax will not only beautify your floors and linoleum, but it will make them easy to care for-they won't be slippery-and will not heelprint. And Wax is, by far, the most economical finish for floors-a 1b. ( 85 c ) can of Johnson's Polishing Wax being sufficient for 300 sq . ft .-one coat. With waxed floors expensive refinishing is never necessary for walked-on places can be easily re-waxed as worn spots appear, without going over the entire floor.

## The Easy Way

To wax floors and linoleum use a Johnson Weighted Polishing Brush. It spreẵs the wax evenly-polishes the floor easily-and is an ideal floor duster. Price $\$ 3.50$ (West of Rockies$\$ 4.00$ ). Dealers are authorized to give a quart of Johnson's Kleen Floor FREE with each brush they sell.


## Building?

If you are building you
should have our Book on should have our Book on Wood Finishing and Home Beautifying. It tells just what materials to use and how to apply them. Includes color card-gives covering capacities, etc. Our Individual Advice Department will give expert advice on interior wood finishing-without cost or obligation.


The extension houses the garage, a maid's room and part of the kitchen. Upstairs partitions were taken down to make a large master's bedroom

## A GARDENER'S COTTAGE THAT BECAME A SUMMER HOME

(Continued from page 64)

In the living room are cream walls and lampshades are also lavender color and a dark stained floor covered with a One guest room has a black painted deep blue rug. Blue flowered cretonne floor, cream woodwork and flowere hangs at the windows. The furniture paper. The furniture is painted cream anc hangs at the windows. The furniture paper, lue, and the draperies and chai is odds and ends of mahogany. Flowers soft blue, and the draperies and chai
in profusion and bits of shining old brass seats are of a fascinating chintz with larg are other things which make the room blue and rose poppie: on cream, boun homelike and inviting.
with rose sateen. In another guest roon
The dining room is quaint with cream the rag rugs are yellow and the draperie walls, a mulberry rug, old mahogany and yellow checked gingham.
gay cretonne of cream ground with Thus with a few structural change mulberry, rose and blue figures. In the and by adapting ideas picked up fron kitchen, pantry and maid's room gray pages of House \& Garden, this neglecte paint and blue and white checked gingham cottage has become a livable home. No are used to advantage.
everything has been done; there is sti
The master's bedroom has gray floor more work ahead. But that is the way and woodwork, gray flowered paper and remodel and furnish a home; make you old furniture painted a bright apple structural changes first, and then let th green. The draperies are gray sateen furnishing and improvement of th bound with lavender. The rag rugs grounds extend over a number of year

IN PRAISE of the LITTLE ROON

## (Continted from page 60)

Off the main road lies enchantment. The since they were too sensible to make it unsuspected turning is the one that leads -for that mutual understanding whic to delight, if we have the capacity within one should have across a table. us of being blessedly alone. Only pied $\dot{a}$ breakfast room! They had never dared terre is what we cherish, if we are honest dream of such a luxury, with the cle with ourselves.
I have some friends who recently built starting the day right, making for th the smallest of houses in the country. union of spirits which is the only basis fe When the architect pointed out on the complete felicity.
fascinating blue-prints a certain little We may still pity the poor lodger wh niche with a bow-window which was to perforce must abide in what is detestabl consist of leaded panes, their eyes, shining called a "hall bedroom." I am not speal with joy, followed his pencil.
"What is that?" they cried in one breath ing of his-or her-agony of daily exis
"Your breakfast room," the architect rooms. For little rooms are no pleasant answered. "Do you like it?" than big rooms if they are not beautifu "Like it? We'll live in it!" the en- But the bit of space which is sufticier raptured owners replied. for one's needs in, say, a low countr And they did, practically. Luncheon house, proves a bit of heaven on eart came to be served there, as a matter of when fitted with the proper furnishing course, and always dinner when they were lighted with a soft radiance which seem alone together. For the dining room to bring everything into focus and mak seemed too big-though it really was not, of life the perfect thing it was meant to b

THE MAGIC MIRROR
OF THE MOTOR INDUSTRY

THE man who is on the verge of buying a new car can obtain a good idea of automotive values by studying the used car market. tHere are assembled the new cars of former years of all manufacturers. © All of them have been subjected to the acid test of usage, have been driven many months and many miles. © Their performance, endurance, economy and position in public esteem are all graphically summed up in their resale value. $\mathbb{C}$ Looking into this market, as into a magic mirror, one can learn the true merits of the new cars of today from the resale records of the old. $\mathbb{C}$ A high resale value is positive evidence of fine quality in materials, engineering and manufacturing. © It points indisputably to a product that is exceptionally reliable, enduring and economical. © Investigating this market, buyers of fine cars will rediscover concerning the Cadillac what they already know: that it is supremely dependable, that no limit has yet been found to its life, that it is the paying investment in its field. © They will find, in fact, that" Cadillac resale value is the envy of the industry."

CADILLAC MOTOR CAR COMPANY, DETROIT, MICHIGAN Division of General Motors Corporation
CA D LL LA C

## BERKEY \& GAY

 FURNITURE

IN buying Berkey 88 Gay Furniture, you will be sure of these qualities -an authenticity of design, a structural correctness, and an artistry thoroughly in accord with the woods used. It is the sort of furniture that one buys for permanency, to be admired and cherished through long years of friendly association.


This Shop Mark
If inget in every Berkey \&
tomer's protection when buy
ing and his pride ever after
Berkey ©r Gay Dining Room Suites are available at prices ranging from $\$ 350$ to $\$ 5,000$

## BERKEY \& GAY FURNITURE COMPANY GRAND RAPIDS

[^14]

A Directoire sofa showing classic construction and ornamentacanthus leaf on top rail and legs with classic lamps and urns on upholstery. A modified Egyptian sphynx serves as arm support. Courtesy of P. W. French \&6 Co.

FURNITURE "STYLE DIRECTOIRE"
(Continued from page 7o)
plain surfaces, you will get a clear feeling of what the Style Directoire really is. Its charm is too little known in America today.

These characteristics are found in 1) rectoire furniture:

Construction: Follows classic models but lighter than Empire types; rectangular; solid but not heavy; curved structure in Roman types of chair.

Ornament: Lozenge, whole or clipped, a characteristic motif. Classic motifs-human and animal heads: lion, ram, swan, owl, sphynx, griffio, winged figures; swag or festoon, wreath, with or without fillets-ribbons, torch, lyre, urn, vase, classic lamp; acanthus leaf and scroll; water-leaf, lotus, anthemion; rosette, scroll, medallion, and patera. Less carving than on Empire; less ornate acanthus leaf at ankle. Plain tapering in and more delicate. Metal mounts of deli- curule types. Long tapering and rounded cate classic design. Upholstery, guimpe and fringe, caning.
Top: Straight, plain concave top-rail, rolled backward in a scroll.

Back: Broad horizontal top-rail, projecting above side supports or adjoining them, with a broad horzontal middle splat or solid upholstery; rail slightly concave or following circular outline of seat; rolled backward in a scroll with horizontal middle splat, broad vertical splat, or entire back with openwork carving in anthemion, lyre or other device, or solidly upholstered. Rectangular, almost square, with broad openwork lyre splat. Bottom cross-rail separated from seat and often high above it.

Arm: Flat, broad, plain or upholstered horizontal, supported on sphynx head as
a continuation of front leg; slightly descending straight vase-shaped support. Reeded, plai or ornament carved in relief.
Seat: Rectangular narrowing toward back; straight or slightly rounded front and cir cular back line. Rounded front shaping in ogee curved sides into straight back line Caned, upholstered. Leg. Stralght, rect angular, tapering, round. curved as in chairs with front leg straight or curved forward and back leg curved backward classic lion's leg topped with lion's head above acanthus leaves. Solid table-end supports of classic type. More slen der than Empire models Foot: Block moulding. Paw, with or without moulding

An claborate Directoire ornament, from the broad support of $a$ bed -



## COLOR SCHEMES FOR NINE ROOMS

(Contimued from page 68)
furniture: A dining table of light Eng lish walnut with wax finish. Chairs of bent bambooin Chippendale design and painted oyster white with green bands and rush seats in green and oyster white. A console tableagainst wallopposite fireplace in cream unpolished marble, or it may be a wooden table with a marbleized top
MANTEL: Cream colored unpolished marble or wood marbleized

## A LIBRARY

agnes foster wright
walls: Painted and paneled in antique walnut finish, or papered with woodcolor stipple paper
woodwork: Painted the same walnut tone as the walls. Doors and sash of windows bottle green
FLOOR: A bottle green carpet with Oriental rugs (henna predominating in them) at doorways and in front of library table. In front of the hearth, a large black bear rug
mantel: Verde antique marble of simple, spacious design or marbleized wood. Fender and fixtures of rubbed steel. Above the mantel, old Spanish leather set into paneling or a map framed flat against the wall, or a finely designed piece of antique chintz in browns, greens and blues
mantel decorations: A red lacquer Chippendale clock, or, as a substitute, mahogany. Flanked by Chinese blue glass bowls for flowers and bottle green and crystal girandoles. With the mahogany clock use old pewter candlesticks
curtains: Henna colored damask with rich bottle green and henna fringe. Undercurtains of English casement cloth, double hung, to draw. At the doors, as portieres, plain bottle green velvet, a tone darker than the woodwork of the doors. Glazed chintz may be substituted for damasks and velvets
furnture: On each side fireplace a Coin-du-feu seat of Directoire design covered in old gold striped green silk of theperiod. Beside these are small tables with shelves to hold bibelots. On either side of the door opposite fireplace, book cases are built to the ceiling, making the main door recessed, and over this recess is a landscape set into the paneling. Book cases are repeated on either side of fireplace. In front of those by the door, a pair of round Touraine tables in oak with black porcelain lamps, comfortable deep easy chairs in tan frizette and antique satin of the bottle green. A long library table. Beside it a kidneyshaped sofa in tobacco brown and green and lacquer red linen. On other side of room a deep chair upholstered to match lighting fixtures: Lamps with black bases. Side lights in black lacquer and gold, of Queen Anne design with a simply etched mirror. Shields in tan with bottle green edgings. Other acces-sories,-pillows, etc.,-in red lacquer, black, apricot and gold

A COOL BEDROOM rose cumming
walls: Papered with a paper in a white ground with a pattern of trailing wreaths in soft green, yellow and tangerine
woodwork: Pure white
curtans: Orange glazed chintz with double plaited ruftles, one of tangerine color with an inset ruffle of reseda green Under-curtains of pure white net with a cross-bar design
furniture: A French walnut bed with a spread of linen the color of the curtains. A chaise-longue or easy chair done in reseda green bound in yellow. A slipper chair in flowered glazed chintz with orange predominating. A dressing table draped in yellow muslin. Old walnut chairs and commode

A GUEST ROOM
dlane tate and marlan hatl
walls: Pale blue tint paper
woodwork: Painted the same color as the walls
curtains: Semi-glazed chintz with an écru ground and a design of pink cherry blossoms, dull red cherries and some mauve and blue flowers. These to be trimmed with blue taffeta ruffles. Undercurtains of écru organdie
FLoor: Rug or carpeting of plain dull mauve
furniture: Sheraton mahogany bed. Drapery and spread the same chintz as the curtains, both trimmed with blue taffeta ruffles. A kidney-shaped dressing table draped in écru organdie over shell pink satine. An oval gilt mirror above it. A mahogany dressing table stool, chest of drawers and night table. Chaise-longue and upholstered chair covered in mercerized striped materia in two shades of blue. Cushions on the chaise-longue of shell pink satine with covers of écru organdie
Lamps: Mauve bases with écru colored shades lined with pink

A BEDROOM FOR A SMALL CHILD elsie sloan farley
walls: Painted pale gray green
woodwork: Same tone of green
floor: Painted dark green and waxed. A few hooked rugs in gay colors
curtains: Cream net with valance and ruffles of pale yellow taffeta
window shades: Pale yellow with painted flowers-Hollyhooks, Tulips, Bleeding Heart and Lilies of the Valley arrange in an old-fashioned bouquet
URNITCRE: Old-fashioned four-poster be in maple with pale yellow dotted Swis draperies and bedspread. Maple highboy and side chairs. A small sofa cover ed in yellow flowered linen. These colonial piecesareavailable in child sizes. dghting fixtures: Old brass sconce with shades of pale yellow
pictures: A set of Audubon bird pictures in bright blue frames


## WOMEN APPRECIATE THE ULTIMATE FINENESS OF PACKARD-EIGHT MOTORING

In luxury of performance and supreme smartness of equipment and finish, there is, of course, nothing to compare with the Packard-Eight.

From the principle of Packard-Eight motor design come a speed-capacity, an ability in acceleration, an absence of gear shifting, that lift this famous Packard far above earlier types. The superfine qualities of

Packard-Eight motoring are immediately apparent.
The almost limitless reserve of silent, vibrationless power; the supreme riding ease; the safety and ease of operation of Packard 4 -wheel brakes are some of the PackardEight qualities which particularly inspire feminine enthusiasm.
The brilliant finish and sweeping grace of the Packard-Eight also attract
instant admiration. To most women it is the ideal of motor car beauty.

In fact, a great part of the extraordinary success of the Packard-Eight is due to the appreciation of American women.

Their discriminating approval of a supreme accomplishment finds in the PackardEight so many reasons for enthusiastic endorsement.

Four-wheel service brakes; 2 additional rear, wheel brakes-a total of six-on all Packard cars. Shown above is the Packard-Eight Sedan Limousine. Packard-Eight furnished in nine popular body types, open and enclosed

## PACKARD EIGHT




Colored tiles or azulejos werc once the distinguishing mark of prosperity in Mexico. This patio and fountain are from "The House of Tiles", which still remains to carry on the legend of a scapegoat son

## COLONIAL HOMES of MEXICO CITY <br> (Continued from page 85)

settlers in Mexico. Niches, sheltering
列 sacred images or allegories, and sur- able for its profuse extravagance and mounted by a cross, constituted another noteworthy for being the loftiest of favorite ornamental motif, especially at colonial residences. The court is handthe angles of buildings. They were nearly somely proportioned and the arcades always embellished with stone carvings of the corridors are very graceful; for it and azulejo treatment, that made splendid must be borne in mind that from the and picturesque contrast with the velvet- very outset, the Spanish houses in Mexico like texontle surface of the façade. Those were designed after the Andalusian who held important military charges; fashion, since the climate of the conmembers of the Court of Audience and quered land favored the use of inner others, were entitled to have battlements courts, which provided the needful light on the top of their houses, and other and ventilation and rendered the houses eminent persons employed breastworks roomy, healthy and cheerful.
formed of inverted arches, between In no other house did the chisel of the pilasters crowned with graceful pinnacles. stone-carvers attain greater success and According to the tradition, the son of nicety than in the palace of the Conde de
the Condes del Valle deOrizaba was a verithe Condes del Valle de Orizaba was a veri- Heras. Its filigree-like door-jambs and table scapegrat, who was the cause of window trim may be reckoned as verifrequent vexation and sorrow to his table works of Churrigueresque art, as also father. The old Count, convinced that the gargoyles and balustrade of the roof. the worthless fellow would squander all his The same artisans built that well-known heritage upon his death, is said to have house, generally called Mascarones. Its exclaimed on one occasion, employing the curious caryatides and the rich Churriphrase then applied to a spendthrift in Mexico:
"You will never build a house of tiles, my son!"
effect obtained by the proportions asAs come true. The youth began a new facade to the diverse elements of the not come true. The youth began a new façade
life, and, later on, actually built the most The Marquesa de Cluapa's house, still luxurious house of azulejos ever made in standing, is comparatively small, but the Colony. This famous residence is still it contains many an interesting detail of to be seen. The profusion of tiles through- colonial architecture. It is ornamented out the building, as well as the beautiful throughout by a profusion of glazed fountain and slender columns of the colored tiles of various shapes and designs. court, impart to this house a decidedly In the azotea, or roof garden, several oriental character.
The Conde de Valparaiso,-so the pilasters, that sustain the iron railing story runs,-fearing that his fortune around the opening of the court, bear should eventually fall into the hands of To-day, the old colonial residences of his future son-in-law, a well-known Mexico, desecrated by modern Vandals, profligate, decided to invest the greater are full of scars, as it were. and drag out part of it in building himself a palatial their age in remote quarters of the city.

The fountain in the patio of the Conde de Santiago's house



HE 114th YEAR $] ⿰ 冫 欠$

## BLACK＊STARR $\underset{\sim}{a}$ FROST

J E WELERS
NEW YORK FIFTH AVENUE CORNER FORTY－EIGHTH STREET
Silver the metal is just silver．Its charm lies in what the craftsman bas done with it，the taste and workmanship with which the design is executed


## Colorful Fabrics

and Dainty Lace


IOR the summer home here is a winsome combination-one of the many offered in our large selection. The Peacock and Clematis motif embodies the very spirit of happy springtimea tasteful and appropriate decoration for the living room. Very modestly priced at $\$ 3.00$ per yard of the 30 inch width. The Ecru Marquisette Curtain with fine hand-drawn work may be had at $\$ 2.50$ per yard -a splendid value. The other fabric featured for a more modestly priced window arrangement is specially priced at $\$ .90$ per yard for the 36 inch width.

Curtains made to special order in our own designing rooms. Please specify size and style of windows. All mail orders will be given prompt attention. Send for our new illustrated booklet 62 .
M-GibhonéG


> 4 mong the native A merican bushes and trees there is ample variety o satisfy all situations, from single specimens to extensive border plantings. Between the extremes of creeping shrubs and towering trees every condition can be met

## BUSHES OF EASTERN AMERICA

(Continued from page 9I)
trees and bushes should, by right, pre- naturally in the vicinity. Fill in and undominate in the composition of our home derplant with other indigenous species. landscapes and that the resulting pictures Shun plants of foreign origin, except for should reflect as faithfully as possible the occasional embellishment, in which event pleasant aspects of the surrounding select only those that are in entire harcountryside. mony with the rest as regards form,
And this is the very essence of true foliage, bloom and general aspect
3. Ascertain and comply with the

As we come to apply these newly-ac- simple cultural requirements of the difquired convictions to the tasteful plant- ferent native species, especially as reing of unimproved home grounds, let us gards the character and preparation of first fix in our minds a few fundamental the soil.
principles that should govern and direct 4. Plant in masses and groups-along the work. They may be briefly sum- boundaries-to enclose service areas, to marized as follows:

Preserve all pleasing naturn fea- out tures-well conditioned trees and shrubs, rows and edges. Go and find a natural expressive out-crops of rock, picturesque planting that pleases you, in a hedgerow, boulders, distant outlooks to scenes of or on the edge of a wood, and try to respecial beauty. Remember that uneven produce it. You can never go wrong ground gives opportunity for fine and dis- when you copy Nature.
tinctive treatment, so do no flat grading. In my field book I have for a number of Maintain the gentle natural contours of years made notes and comments on what surface. A shimmering pool is a better I consider the good and bad qualities of filler for a low spot than dirt.
both the cultivated and the wild shrubs 2. Confine the basic planting material with which I have become acquainted. to the kinds of trees and shrubs that grow


May is Hauthorn blossom time, the month when fields and pastures are dotted with the white flower clouds of these well formed and hardy native trees


## A woman

 It was a revelation a bath or she had had her tub. circumstances do not per when traveling; So often, time after a hot shope ayshower. May'll find Listerine a shower.
after summer sports. such occasiontitute. On many, many exhilarating substit we thought you it for yourmost refreshing, exnold friend that discovered Louis, U.S. A A new use for an our had not as yet discoint Louis, Sany, Sain your know about-if you Pharmal Company,
They landed commodate them bath was all-day drive. could accom money. room without bat dinner. The hote had for love ormon. The rooshen up before with it bath to be had fastidious person. had to freshen a towel with a She was a dragedy. She simply had She doused a hed as though Listerine jiffy
and in a jify


## Waxed floors cost less

## And now they're the easiest to have

WAXED floors are the most beautiful floors-that is admitted. That they're the cheapest floors you can have is proved by
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Name
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## BUSHES OF EASTERN AMERICA

## (Continued from page 104)

I venture to reproduce here those that pink variety is charming for contrast but are pertinent in the hope that they may should be used with restraint. Kousa, a prove suggestive and helpful in the selec- Japanese species is an altogether lovely tion of suitable and available material. sort which, because of its later flowering

March 25. Saw today on a Long Island (in June), and its harmonious resemblance estate an entrance drive 600 feet long, to ours, may be introduced into our bordered on both sides with forsythia. shrubberies without compunction. I Brilliant, but overdone. This immigrant would also welcome among the elect the from China needs a more modest com- fragrant Viburnum ( $V$. Carlesi), one of panion to soften its glare, but apparently there is none

March 30. Visited a planting I installed three years ago of Redbud (Cercis canadensis), Spicebush (Benzoin aestivale), and Shadblow (Amelanchier). All three in full bloom and the effect is exquisite. The blending of rosy-crimson, honey-yellow and snowy white makes a most harmonious and delightful picture in the leafless landscape

April 6 . On a typical residential street of a nearby suburb almost every place flaunts the magenta of Azalea amoena in its so-called "porch planting". Wonder who brought this interloper out of India?
April Io. Took to the woods this sunny afternoon and reveled in the pleasing pale pinkness and dainty fragrance of our Wild Azalea (A. nudiflora.). This lovely native and its charming cousin the pinkshell Azalea (A.vaseyi), from the Blue Ridge mountains, are of the easies and make ideal undershrubs,
May 5. The Lilacs are in bloom; also the Thunberg Spirea. We have no native shrub that can take the place of the Lilac -that is of its blossoms and their delectable fragrance. What a pity the bush itself is so stiff and ungainly and has such a bad habit of suckering! It also in late years becomes gray-white with mildew soon after flowering and is pestered by a borer that girdles and kills its terminal stems. It should really be relegated to some convenient corner where its flowers can be gathered for house decoration and its disagreeable habits kept out of sight. The Thunberg Spirea is graceful in form and would be a very pretty shrub if half of its twigs were not dead and bare all the time. The Lilac hails from Hungary and the little Spirea from Japan.

May 10. The white glory of the tree Dogwoods is manifest everywhere. The

Dr. Wilson's introductions from Japan. In bloom this beauty is a mass of pink blossoms that look and smell like Trailing

## Arbutus.

June io. The floral display of alien shrubs is now at its zenith and its lavishness is remarkable. Deutzias, Snowballs, Spireas and Weigelas from China and Japan, Bush Honeysuckles from Siberia and Mock-oranges from Armenia bewilder us with their masses of pink and white blossoms. Of the lot I much prefer the Mock-orange (Philadelphus coronarius). It closely resembles our native species and flowers, unlike ours, have a most deightful fragrance. The Vanhoutte Spirea would be more acceptable if its otherwise handsome foliage were not covered all summer with a crust of plant-lice. I have no fault to find with the other bushes mentioned except that they "just don't belong", and besides, we have better things of our own.
June 10. Have just returned from Dutchess County, where I saw and was enraptured with a shrubbery planting after my own heart. In the background are native Hawthorns from nearby pastures, Black-haws (Viournum prunifolium), Pagoda Dogwoods (Cornus alternifolia), Ninebarks (Physocarpus), American Cranberry bushes (Viburnum americanum), and here and there a Hemlock for contrast; then great masses of Mountain Laurel, interspersed with generous clumps of the gorgeous Flame Azalea (A. alendulacea) and the comely Carolina Rhododendron. Then Bush Dogwoods, Hobblebushes (Viburnum alnifolium), Arrowwoods (Viburnum dentatum), and red chokeberries (Aronia arbutifolia); and, for edging, Dwarf Bush-Honeysuckles (Diervilla trifida), Wild Roses, Jersey tea (Ceanothus), Yellowroot (Zanthorhiza), (Continued on page 108)


SMALL wonder that the woman who drives a Buick six cylinder Sport Touring car feels a thrill of pride whenever she refers to "my car". Its driving qualities are as conspicuous as its graceful lines and sparkling appearance. The automatically lubricated 70 H. P. Buick valve-in-head engine provides a flexibility, smoothness and power that makes every drive an occasion of more than ordinary pleasure. And safety is always assured by the presence of Buick four-wheel brakes.


# BUSHES <br> OF EASTERN <br> AMERICA 

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low Blueberries, Bearberry and Leucothoe What a wealth of pleasing contours, richly contrasting foliage and luxurious, multicolored bloom!
July 10. The rosebay Rhododendron ( $R$. maximum) is too massive of aspecttoo coarse of foliage to be used in quantity in the composition of lawn shrubberies. An occasional well-controlled specimen, however, adds both dignity and charm. This handsome native is best employed to cover sloping, shaded banks along a drive, or to plant freely along the shores of lakes and streams, especially where distance lends enchantment. But Witherods (Viburnum cassinoides), the sweetly scented and altogether lovely Swamp Azalea (A. viscosa), and the laterflowering, white-spired, pungently fragrant Summersweet, or Sweet Pepperbush, (Clothra alnifolia) may be used in liberal clumps of each to supply both color and perfume to the shrubbery borders at this season.
July 20. As midsummer approaches the conventional shrubberies take on a rusty, dingy aspect. The unlovely Shrub-Althea, an Asiatic product, is the only bush that shows bloom and that is too often a muddy magenta color.
September 5. This is the time of year when the bushes from other lands fail us utterly. The only one in general use that ventures to blossom is the panicle Hyd-rangea-the cold-slaw shrub, I call it, irreverently. In my opinion, it would better have been left to blush unseen in the fastnesses of Manchuria
October I. The wild bushes are alive with birds, feasting on the abundant fruits of every hue that weigh down the twigs and branches. Conspicuous among them are the Shadblow, Spicebush, Dogwoods and Viburnums in great variety, Hawthorns, Ninebarks, Chokeberries, Wild Roses, Blueberries and Winterberries (Ilex verticillata). Tatarian honeysuckle is the only berry-bearer I recall among the exotic shrubs that prevail in our domestic "landscape".

November 5. The autumn blaze of color in the open country this year has been the most brilliant in my memory. Beginning with Swamp Maples, Sumacs and Virginia creepers, the conflagration spread rapidly to the Viburnums, Hawthornes, Swamp Azaleas, Highbush Blueberries, Chokeberries and, indeed, most all the trees and shrubs of the vicinity, until the wooded hills, pastures and swamps fairly glowed with flaming scarlets, crimsons, pinks, oranges and yellows. What a sad contrast when we return to our homes, to be confronted with the brown and shriveled foliage of the surrounding shrubbery! Why do we tolerate its monotony for five long months in order to have some measure of beauty for two or hree?
November 1o. The superb pageant has passed, but the winterberry, with its brilliant scarlet berries, and the weird Witch Hazel's fantastic yellow blossoms continue to enliven the thickets and deep woods and reconcile us to our loss.
I have purposely chosen from my field notes those which refer to native bushes that can now be obtained in quantity from a number of leading American nurserymen. It is interesting to note in this connection that while our conventional groups and borders contain, as a rule, only ten or twelve kinds of shrubs, all of them foreigners, there are already three or four times that number of equally desirable and beautiful natives in the trade, and our resources in this regard have hardly been touched.

As regards cost, if there is any marked difference, it is in favor of native material. Even the coniferous and broad-leaved evergreens of our own country are now less expensive than imported kinds.

Editor's Note: Both the common and the botanical names used in this article conform o those adopted by the American Join committee on Horticultural Nomenclature as given in its recently published book, entitled "Standardized Plant Names"

## MANAGING A HOME GARDEN

## (Continued from page 89)

-two rakes and two hand weeders and such, so that two people can work on the same job at the same time.
Plan to acquire at once or by gradual purchase the following necessary items:

Insecticide Sprayer-one that can be slung over the shoulder. If the garden is very large a barrel sprayer should be added to the equipment. After using, wash out the sprayer thoroughly with clean water.
Powder Gun
Rubber Syringe-for watering seedlings in flats and spraying dirt off house plants.
Wheelbarrow-get the kind with demountable side boards for then it will serve many purposes. If the garden has much lawn space and many trees it may pay to purchase a leaf rack attachment in which great quantities of leaves and grass clippings can be hauled away.
Sickle-but keep it sharp.
Grass clippers-these also to be kept sharp and not allowed to lie out in the grass and rust.
Hedge shears-a big pair of scissors with wooden handles operated by both hands. There is also a device on the market which clips by turning a handle, but I have not tried it and I am not so sure that it would be successful for shaping hedges with curved outlines.
Pairs Secateurs-a large size and a smaller one. The former for pruning
shrubbery and the latter for roses and thin stemmed vines and for cutting flowers.
runing saw-either the Continental curved type or the straight-edged American.
runing Jack-knife-for lopping suckers off trees and around shrubs,
Dibber-which is a help in setting out seedlings and saves the index finger. Spading Fork.
12 inch Spade-in using both the fork and the spade to dig soil see that the blade is driven straight down the full length; a slant only cheats the subsoil.
Garden line on a reel-this may seem unnecessary as any old string and a couple of stakes will serve just as wellonly you are always losing them. Have line and reel that you paid for and you will be more apt to put it away after you are finished with it.
cuffe hoo-for August weeding. This is pushed along the surface and cuts
off weeds, at the same time breaking up the surface into a dust mulch.
Warren hoe-a triangular blade for close work in borders and flower rows for opening up seed drills.
ield hoe-which has a wide blade. All hoes and spades, in fact, all digging and cultivating instruments, should be filed occasionally to keep their cutting edges sharp.
Wheel hoe-this is essential for cultivating the rows in the vegetable and cutting
(Continued on page IIO)



THE tremendous popularity of the tailored vogue this Spring has quite naturally brought in its wake many models.
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## MANAGING A HOME

gardens. Run one with a large wheel and strong curved handles that permit the proper kind of grip. Several attachments for various kinds of cultivating come with wheel hoes.
oo wooden plant labels-these are both cheap and invaluable
Steel rake-for soil work
Wooden rake-for lawn work.
25 each of wooden, bamboo or wire stakes2 feet, 3 feet, 4 feet and 6 feet high. Don't depend on any old sort of stick to take with; such carelessness makes a garden appear sloppy. Stakes are to serve and not to be seen, consequently they should be placed behind the plant and be painted an innocuous green. The new twisted wire stakes are quite a saving over the wooden stakes which rot.
Balls of staking twine-or tarred yarn. This is required for tying up such tall plants as dahlias and delphiniums and some of the shrubs. It lasts for a long time.
4 twist of Raffia-to be used for lighter staking.
Two trowels - a broad one for general work and a "Slim Jim" for transplanting. Keep these clean and sharp.
1 watering pot-either American or French model with both coarse and fine rose nozzles. I prefer the French with the curved handle because it balances easily in the hand. The coarse nozzle is for general watering and the fine for seedlings.
2 Hand Weeders-with both long and short handles. The short for those who would weed on the knees and do close work, such as weeding Sweet Peas when small, and the long for those beds and borders that require merely to be stirred. The weeders with spring teeth I have found especially useful tools.
An assortment of trays-for seeds and seedlings. These to be made at home An assortment of flower pots-personally I have never had any luck with paper pots. Theoretically they are sound, but somehow I've never been able to make them work. So I stick to thumb pots for special seedlings and the larger ones for potting up geraniums and such for the porch and windows.
o feet of good garden hose-with an adjustable nozzle
A good lawn sprinkler.
A good lawn mower-to be kept well oiled and cleaned. After using put awa where it won't be rained on. This should be equipped with a grass catcher.
An oil can-kept filled.
Wire sieve-for sifting soil
Thermometer for use in hotbed
Grass edger-which saves much time and hand work.
Keep on hand the following fertilizers-100 pounds each of lime, sheep manure, commercial humus (don't buy the cheap, water-soaked variety or you'll be paying for water), tankage or blood and bone bone meal, nitrate of soda and a general commercial fertilizer. Also keep on a special poison shelf cans or packages of the following insecticides-Black Leaf 40 or some 40 per cent nicotine solution, Bordeaux Lead-or some Bordeaux mixture, Paris Green (this is stronger than the Bordeaux mixture), fish oil soap, hellebore, lime sulphur, Melrosine, Slug shot, powdered sulphur, tobacco dust and potassium sulphide.

## the garden budge

Just one more word on equipment What is your duty toward your neighbor? Shall you lend him that brand-new scuffle hoe or those sublimely sharpened secateurs? Well, my attitude toward this is the same I have about lending books. I used to lend them. Today I am more practiced and quicker with plausible excuses for refusing.

Like drink, gardening is an insidiou hobby and it can become expensive unles one keeps a check on himself. The ex penditures will all depend upon how much the gardener actually cares for gardening If it is merely a side issue, like the theatr or smoking, he won't care to spend much and he shouldn't-it can then be listed under Miscellaneous; if he consider gardening as part of a full life-which it is-then he will want to give it a place on his family budget, in fact, make a special budget for the garden.
On this budget, if he employs a gardener, the biggest item will be wages then plant material, then equipment. If he is planning any new developments or improvements these should be placed under a separate head.
The first three years of our garden work consisted of making a Connecticut hilltop and making a garden almost out of the raw. In those years of the total sum spent, 23 per cent was for wages, IO per cent for plants, bulbs and seeds. 6.9 per cent for equipment, fertilizer and such, and 60.1 per cent for improve ments, which include materials. Thest were mainly structural improvements retaining walls, walks, grading and repair of trees worth saving. The percentage was high, but after these first three years. the budget shook down to a more reasonable basis-for wages, 58 per cent, plants. seeds, bulbs, io per cent, equipment and manures, 12 per cent and improvement 20 per cent. The wages were paid to a part time gardener who did such heavy work as plowing, hauling, occasional grading and haying and the figure includes the cost of hiring his horse and wagon. I consider this $58-10-12-20$ disribution of expenditures a fairly just one. The chances are that we shall not be able to reduce the percentage for labor because there are seven and a half acres to this place and a man and his wife who have their jobs in town cannot be centipedes however much they may love gardening
Before improvements are started you should have a fairly definite estimate of what they will cost and what work will be required. For example: I planned a new border 70 feet long and 5 feet wide to run along the top of a terrace behind my study porch. The plans on paper made early in the spring showed that it would require the following items:

## The hired g ardener

(1) Trenching. This I intended to do myself, and I did it although it took the odd hours of a week after supper.
(2) Manure, cost $\$_{14.00,}$ one bag of bonemeal, $\$ 3.50$, one bag of lime, $\$ 1.35$.
(3) Plant material: for edging, Pansies, Achillea, Perennial, Candytuft, Sweet William, and Alyssum saxatile compactum; for the middle, Hemerocallis, Kroanso, Coreopsis, Columbine, Tritomas, Chrysanthemums, Guaillaria, Companula, Tellham Beauty, Irises and Peonies; for the back, Delphiniums, Physostegia, Hollyhocks and Bee Balm. It was to be planted thick and thinned ut when crowded
All of these plants were raised from seed except the Hemerocallis, which cost $\$ 3.00$, the Peony, \$1.00 and the two groups of irisesat $\$ 5.00$ each. The Bee Balm was agift romafriend. The seed cost about $\$ 5.00$.
This brought the total estimate on that border to $\$_{32.85}$, and save for a little investment in heuchera to take the place of some pansies that disappointed s, the estimate was met satisfactorily. Had all the plants been bought, however, he cost would have run upover $\$_{300.00 \text { ! }}$ There are two general classes of hired gardener-the odd-job man and the trained gardener. To this may be added a third, the old gardener, but ais kind is passing and perhaps he is more valuable (Continued on page I 32)


A child should behave mannerly at tableAt least as far as he is able."

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## By Lois M. Wyse, Director Hoosier Test Kitchens

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illustrates and describes a variety of "Colonial-
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COLONIAL MANUFACTURING CO.



Leatherwood, a native shrub with hanging yellow b!ossoms, is a true herald of the coming spring

## FLOWERING TREES AND SHRUBS

## Continued from pase 63 )

ins spreading branches and smooth leaves. Their star-shape flowers, each with five long, strap-shape petals, spreading from a calyx, wine-color on the inside, are fragrant and thickly stud the stems. The type has canary-yellow petals whereas the variety arborca has golden-yellow petals and its flowers open a little in advance. These are splendid shrubs, but finer than either is the Chinese species (H. mollis) of similar habit of growth but with larger flowers and larger leaves, softly hairy on the under surface. These free-flowering harbingers of spring are not affected by the dust and smoke, are eas ly kept in bounds with the knife and ought to be freely planted in cities where they would give a much needed touch of color in the dead season of the year.

Kinsmen of the Witch-hazels are the Corylopsis, a group of shrubs confined to Eastern Asia, with pale yellow fragrant flowers in short racemes. There are several species in cultivation, though they are much too infrequently seen. The low, twiggy C. pauciflora and the taller, stouter branched C. spicata are best known. The hardiest of the genus is C. Gotoona, a wide-spreading shrub from the mountains of Japan with a mass of twiggy branches which in April bear a multitude of flower tassels.

- The golden bells (Forsythias) are among the first of the spring shrubs to put forth
flowers and no other group makes so brave a show of pure yellow. In ordinary gardens these plants are too often mutilated by pruning at the wrong season of the year and their crop of blossoms destroyed or partly so. As a matter of fact, if rightly placed these plants need very little pruning and what is required should be done immediately after they have blossomed. This is true of a majority of shrubs and for all the early spring flowering things of this class. Planted on a bank or in a position where they can develop unmolested Forsythias will form a splendid tangle of growth each spring dowered in limitless wealth of blossoms. The common sort $F$, suspensa and its variety fortunei are good, but much better is the hybrid $F$. intermedia and especially its form spectabilis with extra large deep yellow bells. Another variety (primulina) with pale Cowslip-yellow bells is also worthy. For gardens farther north the upright growing $F$. europaea and the new F. ovata from the mountains of Korea are recommended.
The first of the great Rose family to burst into blossom is David's Peach (Prunus Davidiana) from northern China. There are pink and white forms of this tree but unfortunately they are apt to be too impatient to display their flowers and Jack Frost nips them ere they have shown (Continued on pase 118)

nother of the Japanese Magnolias is y. kobus boreaus with white loose-petaled flowers. The photograph shows one of the original trees brought to A merica in 1876


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Sterling 925/1000 Fine


713 Fruit Bowl, 545, $8^{11}$ diameter-711 Plate, Price \$65, $12^{\prime \prime}$ diameter- 716 Candle Stick, $\$ 66$ the pair, $10^{11}$ bigh-768 Bonbon or A/mond Dish, $\$ 10,5^{33} 8^{\prime \prime}$ diameter

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A CORNER IN THE SHOWROOMS
Early American $\operatorname{Maple}$ Furniture, by Kensing, on
Utility and comfort were the first considerations of our Early American cabinetmakers, yet their work reveals a pride in honest craftsmanship that wins our respect as the quaint charm of its unaffected simplicity appeals to our affections.
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Every garden-lover knows Forsylhia, but not all are famiiar with the extra large size and deep yellow of the blossoms of the F intermedia spectabilis form

# FLOWERING TREES AND SHRUBS 

Continuted (rom page 111)
their full beauty. The common Peach is lovely in blossom and the forms with double flowers, white, pink, red and crimson, ought to be more commonly grown. In Japan the Ume or Plum-blossom (Prumus mume) is the first of its tribe to bloom and there are many pretty varieties. The Ume is not hardy in Massachusetts but further south we could have Plumgardens even as they do in Japan.
Very pleasing shrubs and exceedingly floriferous are Prunus japonica, P. glandulosa and $P$. tomentosa, all natives of castern Asia. They are also very hardy and their round, scarlet fruit is good eating. The double form of the Chinese Almond ( $P$. triloba) with pure pink, roselike flowers is a favorite shrub in many zardens where its blossoms transform the shoots into garlands. The wild type with single, pure pink flowers is morebeautiful. though rarely seen in gardens, yet it was introduced in 1882 into the Arnold Arboretum where it has been growing ever since.
The thought of these difterent kinds of Prunus naturally brings to mind the Cherries of the Orient. Not the doubleflowered sorts but the wild species and forms with single flowers. The best known is the Rose-bud Cherry (Prunus subhirtella var. pendula) with slender hanging branches strung with flowers, rose-pink in bud, pale pink when fully open. Small examples of this delightful tree are not uncommon in gardens but outside of Japan I have never seen a really good specimen. As I write comes to mind a tree in the old capital city of Kyoto, full 80 feet tall with a spread of branches more than this, branchlets hanging straight down and almost reaching the ground and in flower a veritable cascade of pink whose loveliness no words can adequately portray. Its sister, the Spring Cherry ( $P$. subhirtella), is a small tree, rarely thirty feet tall, with a broad, dense, bushy crown of slender, intricately placed branches and in flower, a misty, billowy mass of pink. On a lawn with sprouting green blades of grass around, a blue sky overhead, this tree is a feast of beauty of which the eyes never tire. It is easily raised from cuttings and ought to be in every park and garden

There are many worth while Cherries, but in this miscellany I am content to mention one other, the Fuji Cherry (P.incisa) which is the only sort that can be fashioned into the so-called dwarf trees and made to grow and flower freely in small pots by Japanese gardeners. Abundant around the base of august Mt. Fuji I vividly
remember the day I was first privilege to bask in the fuilness of its beauty. bush or small tree of perfect hardiness, has nodding white or pale pink flowe with prominent yellow anthers. Th petals fall in a few days but the sepals an stamen-filaments change to vinous-re and, persisting for a couple of weeks, giv the impression of apetalous flowers. I early summer it bears small pea-lik black fruits whose seeds are a ready mear of increasing this most delightful chil of the Orient
To the great Heath family our garder are immensely indebted. Early or lat some member of this tribe is in blosson Before the snow has disappeared the pre ty Erica carnea and its variety alba open their rose-pink or white bells and tell spring is at hand. This plant grows le than a foot high and makes a fine carpe asking only a lime-free soil, an open situ ation and a clipping immediately after i flowers are past. Give it air, let it enjo the sun and the breeze and the reward a wealth of blossoms at the first breath spring.
The vanguard of the Azalea cohorts wit their wealth of brilliant blossoms is $R h$ dodendron duuricum with its variety mu ronulatum from northeastern Asia. Thes are sparsely branched shrubs from 4 fe to 6 feet tall with rigid stems crowne with blossoms before the leaves appea They are best when massed together in situation exposed to the air but protecte from cutting winds and early morning sur The type has red-purple flowers and less pleasing than the variety mucrom latum with its rosy pink blossoms whic are remarkably resistant to frosts. Ever year in the Arnold Arboretum a group these plants on a bank beneath some ol White Pine trees are in early sprin covered with countless blossoms. One the most satisfactory of all hardy shrub is this var. mucronulatum and it ought t be grown far and wide.

The Garland-flower (Daphne cneorun with gray-greenleaves and clusters of rose colored, fragrant flowers, terminating eac of its slender, tufted foot-long stems is well-known and deservedly popular plan Not all of us are successful with this gen from the Caucasus Mountains thoug many can grow it easily in the rocker and open border. A relative is the Mezer eon ( $D$. mezereum), a woodland shrub but when once established it thrives in cool open border. It is a sturdy bus seldom more than four feet high wit (Continued on page 122)


The subtle charm of this lovely room lies in the delicacy of form and color radiating from the French and Venetian hand-wrought furniture and the happy accordance of the exquisite accessories

## Thhe Calleries of guggestion

MANY interiors distinguished by the charm so apparent in the Sleeping Room pictured above, have been inspired by a stroll through these interesting Galleries.
(II Your visit will reveal furniture possessing the value, both decorative and material, which is as essential to a well-appointed interior as smart clothes are to a person of accustomed well-being

aISuch furniture may be of simple, inexpensive character, yet it never becomes passé; for in design and finish it breathes the undying spirit of that leisurely age when a good cabinetmaker was regarded as not merely an artisan but as an artist. Today there is a group of men imbued
with this same spirit, working together in a single community maintained by this establishment at historic Fort Lee atop the Palisades. These skilled cabinetmakers bestow upon each object they create a devotion to their art well calculated to perpetuate the Old World traditions handed down from one generation of their craft to another.
(II And because they are working together, you may enjoy the lifelong companionship of their finely wrought cabinetry without indulging in extravagance. As to its arrangement, and the selection of appropriate accessories, you are free to call upon the decorators at these Galleries for any suggestions which you think may prove helpful.

## Nem Howt Gallerieg

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Every woman is not an expert interior decorator, but any woman can select KAPOCK. And KAPOCK alone will do more towards improving the appearance of a home, than probably any other single item. KAPOCK, with its exquisite texture, its marvelous designs, its fairyland tones -its richness-can accomplish wonders, and at a moderate cost.

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FLOWERING TREES AND SHRUBS
(Continued from page 118)
erect branches and twigs whose whole length is covered with rose-colored, or, in the variety alba, with white, fragrant flowers. Often these are followed by scarlet berries of great beauty but poisonous.

For gardens south of Washington, D. C. and those of California, the rambling Jasminum nudiflorum with clear yellow flowers on dark green naked shoots is a lovely old plant. And where little or no frost is known the newer $J$. primulinum is a jewel of first water. This has arching stems and trifoliolate leaves from the axils of which arise primrose-yellow flowers each more than an inch in diameter. Wherever the plant is happy it is a cascade of pale yellow in season. A lover of sunshine, California should be a second home for this grand plant which came to us in 1800 from the plateaux of Yunnan in southern China. Of its class I count this Jasmine among the finest shrubs it has been my privilege to add to gardens

No account of spring flowering woody plants is complete without mention of the Asiatic Magnolias with their large, fleshy petalled, fragrant flowers borne on naked shoots. The first of all Magnolias to open its flowers each spring is the lovely $M$. stellata of unknown origin and to my mind the most charming of all. It is always a broad, shapely shrub from ten to fifteen feet high and more in diameter; the starshape, snowy blossoms are smaller than those of other species but are produced in such profusion as to cover the bush with white. In addition to the type there is a pink-flowered form (var. rosea) which makes a delightful companion.

The Japanese $M$. kobus is common in the forests throughout the greater part of Japan. The southern and typical form is a large bush or low tree, but the northern form (var. borealis) is a fine tree from sixty to seventy-five feet tall, broadpyramidal in outline with a smooth trunk six feet in girth. This variety is the most northern of all Magnolias and was introduced into America in 1876 and later sent to Europe. It has proved to be the most free-growing of its group, and trees
raised from the original seed are now thirty-five feet tall with broad, pyramidate crowns. The blossoms areloose-petal led, white and smaller than those of the Yulan. Young trees flower sparsely but with age they are as floriferous as those of any other Magnolia.
Well-known is the white Yulan ( $M$ denudata), more generally known as $M$ conspicua, native of China where it has been a favorite in gardens from time im memorial. So, too, is the less hardy Purple Yulan commonly known as $M$ obovata but correctly as M. liliflora with rich wine-red chalices. Under cultivation several hybrids between $M$. denudata and $M$. liliflora have originated and hav proved themselves hardier and even bette garden plants than their parents. The oldest and best known of these hybrids is $M$ Soulangeana which originated near Paris It is a vigorous-growing tree with flower suffused with rose-color. Very simila to this are forms known in gardens as $M$ speciosa, $M$. superba, $M$. cyathiformis, $M$ Alexandriña, M. spectabilis and $M$. trium phans. Quite distinct is $M$. Lennei with its large blossoms, the outside of the petal of which are port-wine color at the base and rich crimson toward the tip. Perhap the finest of all these bybrids is that know as $M$. rustica rubra with its large, cheery rose-red flowers each petal of which edged with white.

All Magnolias grow naturally in moist rich woods and they detest drought. They will withstand considerable hardships and abuse but the best results are obtaine when they are protected from strons winds and are planted in cool, deep so rich in humus. The best time to trans plant Magnolias is late in the spring They may also be moved successfull late in the month of August but afte moving they must not be allowed to suffe lack of water and it is advisable to mulch them with well-decayed manure. Thes are cultural items of the greatest import ance which no aspirant to success can afford to neglect. Moreover, such magni ficent plants are worthy of a little extr attention which they repay a hundredfold

silk fabrics used in The Homb

(Continued from page 77)

too light for upholstery, except chair pads. Uncut Velvet, Woven loops are upstanding, not cut. It is lighter in shade than the same color cut. Can be smartly combined with cut velvet in figures and stripes. Hangs in a heavy beautifully modeled fold. A wear-resisting upholstery or hanging for offices and clubs.
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Velour, French name for velvet, now applied to a thick closely woven pile fabric resisting wear, used for overstuffed furniture, offices, hotels, clubs.

Plush has long lustrous pile, over oneeighthinch;plain or with stamped design now used for store window dressing and novelty trade.

Taffetas and light weight satins, especially striped, are used for summer hanging; and cushions where linens, mohairs,
cretonnes and chintzes are not desired The Southern States buy little silk fo household use as washable cottons an linens are preferred in warm climates. Th The Pacific coast and around the Gulf Florida now demand Spanish coloring yellow, orange, henna and red, for th adobe type of house and are seeking suit able Spanish designs: stripes and figure silks showing a Saracenic influence as i the designs of Southern Italy, Sicily an Asia Minor. Spain offers little that different from these designs. Its late Renaissance designs follow Renaissanc types, simplifying the motifs, giving the a bold outstanding character. The Midd West uses dark colorings and very litt light delicate silks, especially in the large cities, on account of the coal-soot and soi but the eastern coast takes and uses ever thing that is good of every kind

In colors, green is now "the rage". A ple green, jade green, Adam green are demand, but any fairly good shade green is accepted. The decorators see to be using green two to one to any oth color. Red is increasingly used in o crimson Italian Genoese Venetian, little brighter in tone, Spanish-vergi on the yellow or aged to a maroon or ches nut. Spanish colors are in the ascenda -red, yellow, green and blue

## 

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Name.
Address .

## THE COMMODIOUS BERGERE

## (Continued from page 57)

adoption of the bergére came an evolution in the conception of the French interior; an evolution of no mean importance when one stops to consider its influence on the intellect of the period, for was not the "intimite" thus created, a complete change from the austere and formal ways of living and thinking in times gone by? Of course it was at court that the first of these novelties made its appearance and in looking through the registers of the "Garde Meuble" at Versailles I came upon the following!

> "Inventory of new furniture furnished to the Palace during the first months of the year 1751 I:
> "One rushbottomed bergere, made up, with two leather cushions each covered with green and white striped La Porte material, one for the back, the other for the seat. For the use of Madame the Nurse of Monseigneur le Duc de Bourgoge."

Once in favor at court, it was not long before the bergère had its place in all luxurious establishments. The first private citizen to possess one was the celebrated artist, Francois Lemoyne, first painter to his Majesty, among whose
papers was found a bill for "one armpapers or rushbottomed demi bergère, made up with a cushion, the latter as well as the back being covered with colored linen,"
From that time on the bergère was to be found in the houses of such notables as the beautiful Mademoiselle Desmares, the Duchesse de Mortemart, the Comte de Caylus and hundreds of other well known people, not the least of whom was Madame de Deffand, the cushions of whose comfortable bergère used toserveas a discreet hiding place for Horace Walpole's snuff box,
There is a very celebrated painting by Hubert Robert, recently exhibited in Paris, which depicts the venerable lady seated in her "bergère à oreilles," her chocolate served on a convenient kidney table pushed well up to her chair, so as to make all effort to bend forward quite unnecessary. Behind her stands a "valet de chambre" who has apparently been interrupted in his house cleaning, for his broom reposes, unnoticed, against the back of his mistress' chair, and it is evident that it is he who has just brought in a letter which Madame de Deffand is reading. Apart from its artistic value, the picture is a rare treat to those who seek documents on the French interior of that period.

## A tale of the bergère

And apropos of the influence of the bergère on the mentality of the times, nothing could be more convincing than the little incident recounted in her memoirs by Madame Campan, reader, by appointment, to their Royal Highnesses Mesdames Louise, Adelaide, Victoire and Sophie, the King's daughters.
"For several years," writes Madame Campan, "Princess Louise had led a very retired life. I used to read to her five hours a day; often my voice became very tired; the princess always prepared a glass of sweetened water which she placed near me, and excused herself for asking me to read so long by stating that she was anxious to finish a course of literature which she had prescribed for herself. "One evening while I was reading, Monsieur Bertin, 'ministre des parties casuelles' was announced and asked to speak to her; she left the room in haste, returned almost immediately, took up her silks and her embroidery, asked me to continue reading, and when I retired requested that I be in her apartment the following morning at eleven. When I
arrived the princess was gone. I learned that the same morning at seven o'clock she had departed to the Carmelite Convent at St. Denis, where she wished to take the veil. I went at once to Madame Victoire's apartment. There I learned that the King alone knew of Madame Louise's intentions; that he had faithfully kept her secret, and that after having long been opposed to her desire he had finally sent her his consent, the previous evening. She had entered the convent where she was expected, alone. A few moments later she appeared at the iron gate to show the Princess de Guistel who had accompanied her, and her footman, the king's order to leave her in the monastery.

At the news of the departure of her sister Madame Adelaide grew violently angry and wrote to the King to reproach him for having thought himself obliged to keep such dire secrecy.

Madame Victoire thus lost the companionship of the sister she preferred; she consoled herself by weeping in secret. The first time (after this incident) that I saw that excellent princess, I threw myself at her feet, kissed one of her handsand asked her, with all the self-sufficiency of youth, if she too intended to leave us, as had done Madame Louise. She bade me rise, embraced me and showing me the seat on which she was reclining said, 'Do not worry, my child. I will never have Louise's courage. I love the commodities of life too well; this bergère will be my perdition.'"

## the bergère becomes square

Toward the end of the Louis XV period, with the abandoning of the curved ine, the bergère became square, though none the less ample in proportion. Up until this time the bergère gondole, the bergère en cabriolet, the bergère en fer à cheval, the bergère à la Turque had reigned supreme. Now with Louis XVI comes the bergère carrée which under the Directoire degenerated into a small, but comfortable cushioned seat.
It might be well just here to note that bergères might be rushbottomed or cane seated, and often completely upholstered, the main characteristic being kid cushions stuffed with featlers, which when properly made should rise to thei normal height when the per:on seated leaves the chair. Bergères were made o all natural polished woods, many were painted and the finer ones gilded. The were covered with tapestries of all kinds Gobelins and needlepoint, as well as silks, velvets and toiles of every descrip. tion, but a great and almost unvarying feature lay in the fact that no matter what the value of the chair, or the materia that covered it, the exterior of the bacl was always stretched with checked linen a neutral ground with the check to matel or harmonize with the general covering This custom does not generally prevai when antique bergères are now covere in the United States, and I have often fel so sorry for lovely pieces whose gracefu lines were completely hidden by a velve or sateen backing, tacked to the ver wood of the outside instead of beins stretched beneath the frame at the begin ning, and leaving the wood apparent With the dawn of the 19th centur came the metallic spring, and the deat knell of the true bergère was tolled Adieu cushions, wool and feathers farewell grace, comfort and tradition In the name of progress you have bee swept aside. But after all, even progres is but a thing of the moment, and ther comes a time when as we look back w can pick and choose among things tha have weathered the tide of fashior never be out of date.
(1)

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SARGENT CYLINDER PADLOCKS This type is as impregnable as the Sargent Cylinder Lock for house doors. Pry it, twist it, beat upon it. Only the proper key will open it. It affords real security on tire rack, garage, tool-house or locker doors and chests of valuables. It may be master keyed in combination with your house locks.


Inspired by rare Italian masterpieces, Hastings designers have recreated the richness and charm of old-world craftsmanship in this unusual writing desk.

It projects but twelve inches from the wall when closed, but its fine walnut exterior conceals capacious appointments for every correspondence requirement. The beauty of the antiqued wood is effectively enhanced by soft polychrome decorations and the jauntily tasseled chair cushion of cardinal red velvet.

Typical of all Hastings productions are these two pieces, which assuredly will lend a touch of romance to any modern home.

## HASTINGS TABLE COMPANY <br> Hastings, Michigan

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WRITE
We shall be glad to send you a litescribing a number fully beautiful Hastings occa-
sional pieces. Send for it sional pieces. Send for it
today. Address all correspondence to the plant at spondence to the
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## Are you proud to have guests go into your bathroom?

0R DO you wish, perhaps, that the bathroom was a little more up-to-date? It is a fact that this room is the showroom of your home.
Improve the appearance of your bathroom. The important place to start is with the toilet seat. Old style wooden, painted or sprayed seats absorb moisture, hold odors, and in time crack and splinter. They become a detriment to the whole home-they are unhealthy.

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Think of a seat that is white, permanently white, and which cannot become contaminated! That is the Church Seat Its ivory white sheathing (not a paint or an enamel) will not absorb moisture, retain dirt or odors. It is as easily cleaned as porcelain. And it lasts a lifetime. What a difference such a seat would make in your bathroom!

## Fits any bowl-simple and <br> easy to put on



Ready to take home, in handy carton

No trouble at all to attach a Church Seat. You can remove the old one and put on a permanently white Church Seat yourself with an ordinary pair of pliers-or your plumber will be lad to make the installation at small expense.
Whether you rent a house, apartment, or own your own home, the toilet seat should be your personal property just like the other bathroom fixtures you own. ANY PLUMBER CAN SUPPLY YOU. Church Seats are on display at all plumbing jobbers' showrooms. That you may see for yourself just what this seat really is, mail the coupon. Do this now.
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An electrically equipped dressing table offers many advantages in the minimum of space


SPACE AND TIME SAVERS

(Continued from page 88)

stream of water which laves the dishes. spaces, the ironing board is totally forTo fill the washer with water, all that is gotten, and valeting is neglected in the necessary is to turn the faucet, and the rush for a rational rationing.
nemptying is no more effort than emptying your bath tub.
ing your bath tub.
It can be used as a small washer for clothes by means of an extra attachment which can be bought as well as the dishwashing outfit. So, dish towels can come in for a swift rehabilitation, with no trouble whatever. When neither of these mechanical devices are needed, the porcelain sink remains for all traditional utilities.
A good motor is attached under the sink, and away from you and any other disturbance. It is simple and it is only necessary to attach it to the ordinary electric light circuit.
This sink is also equipped with a spray which can be used as a hot or cold rinse for pots and pans, dishes or clothes. There is, too, the convenient moveable faucet which can be aimed in any direction.
Of course, there are on the market, many little dishwashers which set cosily on the drain board of the sink which you already have. These, too, in most instances, can be attached to the plumbing and save labor and "rough and reddy" hands.
6. electric tables. The newest type of kitchenette is the beautiful series of tables, which can be used for library, boudoir or dining room. The top lifts up and folds back, forming a flat working surface. Underneath the table top, before it is lifted, is found a capacious cavity which houses the utensils and cartons of food. This table is wired for electric devices necessary for cooking or ironing In these tables is room for supplies, napery and cutlery.
7, 8. RECESSED COMFORT. Should there be but space equal to the ancient pantry, a folding table, a recessed electric stove, the needful closet room, refrigerator, and the most neglected folding ironing board, and small electric ironer with connections and outlets can be built in. Often in the most exquisitely equipped kitchenette
9. The poudreuse. Another type of table is equipped with electric outlets for curling iron, vibrator, etc., and has drawers for the cosmetic accessories. While adding hugely to comfort and beautiful furnishings, these tables have charm in design, wood and structure, for they are designed to fit in accordance with the period in which your room is furnished.
10. electric stoker. The electric stoker, which coals the fire and removes the ashes mechanically, as well, makes the early morning and night cellar tours unnecessary.
Usually three hundred pounds of cheap buckwheat, rice or barley coal are loaded into the hopper and conveyed by motor force to burner and placed on the fire, where it is blown by a little fan. The coal is burned up completely, and the ashes deposited in the ash can.
You can use your own furnace, and any mechanically-minded person can install this simple mechanism. It is very easily attached to the electric light socket, and it uses one-eighth horse-power motor.
ir. Toots. Time and space could often be delightfully saved were it possible to put up a nail, hook or rack in a convenient place. A tool chest makes this possible and saves the time usually wasted in waiting for help. Some of the small, inexpensive tool chests with nails, hooks, tacks and brads in neat compartments, supplemented by hammer, nail extractor, screw driver and various other tools are most comfortable. Some of these chests cost very little over $\$ 5$.
12. small ice chest. There are ice chests and even refrigerators to fit, not only the small apartment dwellers' limited spaces, but able thereby to cheat the restaurants of his presence by allowing him to store enough food at home. These are finished in white enamel, sometimes in other surfacings.
(Continued on page I32)

The electrical stoker can be attached to practically any type of furnace


## $55 \%$ Difference in Heating Costs in Portland, Ore. by Insulating with Cabot's Quilt


$\rightarrow$ THIS HOUSE.
THIS HOUSE WAS INSULATED with Cabot's Quilt.
THIS HOUSE COST TO HEAT, October to May
inclusive - $\quad$ - $\quad$ - $\quad \$ 88.72$
Average cost per month - - II. 08
The Heating Equipment was EXACTLY the Same in Both Houses (r6-Section Gasco Furnace).
The Hartog house was only $7 \%$ larger in cubical measurement, but being a two-story house was naturally much easier to heat than the one-story house on account of easier radiation and of the much smaller roof area; but the Quilt insulation reversed this, so that it cost $55^{\sigma} \%$ more to heat it than the Holden house.

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CLEAR AS A BELL

SPACE AND TIME SAVERS
(Continued from page I 3o)
13. refrigerator dishes. One of the least expensive and simplest and thrilling space and time saving inventions, are the little white enamel dishes, figuratively and literally built "on the square, so that they fit on the sh out lost space.
further increased by the fact that they are good looking and can be ( I ) taken out of the refrigerator, (2) set on the stove if necessary to warm the contents, and (3) then put on the table. This saves the washing of three sets of dishes and the resultant labor.
14. BROOM HOLDERS. The fallen broom can be reformed by building long, narrow closets for their "upkeep," or by buying ready made closets in metal or wood to fit the peculiar and particular space available. Then, too, can be bought in the hardware store, clamps and hooks which can be hung so as to hold the necessary brooms, dusters and mops.
15. A perfect kitchenette. In this connection there is the kitchen cabinet, of which there is not space for discussion, save to say that you can get a very compact kitchen cabinet in which there is a two place electric cooker and connections -and with a screen-a kitchenette is born!
16. incinerator. The incincrator in the cellar which burns waste "shuted" to it from the "field of battle" is of inestimable value in saving time with garbage pails, garbage men, dumb waiters, cold trips in the yard if you live in the suburbs, and general anxiety, to say nothing of the space saved by a mere slot in the wall, akin to a mail box slot, and the banishing of space taking garbage containers.
17. housemaids' tray. In large homes device called the housemaids' tray has been used for many years. It is excellent for the small apartment, too, for it holds in concentrated form, all the cleaning materials needed and saves the dropping
nd picking up and mislaying of the different materials used in the occasional, as well as in the daily, cleansing. It is not large, it is not weighty, and can be set down safelyin, oratanyplaceallotted toit.
18. SHOE RACK. A delightful little ack made of two strips of metal is the most recent method of storing shoes. This is designed for the door of the closet, and as a saver of soles, it fulfills the claims its creators make for it! This is finished in various enamels.
19. table and blackboard. To meet the children's needs of play, food and education in a tiny apartment, there is a small table on which they can use their toys and from which they can be fed. There is a blackboard on the under side of the table top, which, when lifted, and set in the groove along the front edge, affords all the fun and educative facilities that the blackboard in the nursery can give.
20. yuch iv iuttie. One of the most mportant washing machines has now a junior offspring, which, of course, being small, takes up less space on the floor, and and is less expensive than the large sizes. Many of the smaller machines have been less carefully made than have the larger ones, but this is one that carries with it al the faith and guarantees of its larger sisters. It takes up only $26^{\prime \prime} \times 28^{\prime \prime}$ of ground space!

Because we have detailed in these pages from time to time the story of the small sized electric ironers, flat irons and all the time and labor-saving devices, for this reason we will spare you from any arther detail of these things,
It has taken time to readjust ourselves from spacious homes to restricted ones so it is taking the manufacturer a little time to adjust to the newer conditions ut there is a gude time comin when ack of space will have no terrors and when large spaces will seem extravagant Until then

MANAGING A HOME GARDEN

## (Continued from page 1IO)

as a present sentiment than as a reality for often he was ignorant, headstrong and unwilling to learn new and improved methods.

On most small places the odd-job man is employed for maintenance-cutting the grass, cultivating the vegetable patch, and the heavy work of digging and hauling. Other work is done by the owner. Valuable this man is at times, but the owner should keep him well under contro and direction. He may be the chauffeur, in which case his work is done at odd moments. It is advisable, when you have a chauffeurgardener, todivide his working time into very definite jobs; thus he may be responsible for the grass and the weekly spraying of roses, but do not expect him to do more than his time permits.

The trained gardener, on the other hand, should devote all his time, to the garden and not be expected to run the car or do inside housework. The chances are that, in hiring a man for this purpose he will have some secial flair for certai fruits and flowers. It is advisable to take advantage of this and let him specialize,
butnot to the neglect of the other varieties, A well-trained man may, because of his alleged superior knowledge, hold the whiphand over the employer. The same ort of situation arises in households when the mistress of the house demands of her servants work that she herself does not understand. The owner of the garden should know both the theory and the practice of flower raising; it is his duty o follow the introduction of new and improved methods and to try them out in his garden. So long as he has an intelligent man in his service there will be no difficulty in doing this.
Of course a great many people think that where a gardener is employed the owner is not really master of his placeit is the gardener's garden. Well, it is, if you do not do some of the work, if you yourself do not dig and plant, sow and water, prune and harvest, if your wife does not lend a hand at the cultivation of the flowers and the arrangement of their planting. It will never be anyone else's garden as long as you give of your selves and your endeavors to it.

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THE COMBINATION STUDIOS 504-G Cunard Bldg. Chicago. III

IN THE HALL

The star lantern is usually hung close to the ceiling


For prices of this azd other lamps see pages 92 and 03


The hall lantern should hang not less than 75 inches from the floor. Use 25-or 50-watt diffusing lamps

A bull side bracket should be placed 6 feet from the floor. Use a 25-watt all frosted or a small candle bulb

## LIVING ROOM LIGHTS




On the mantel place reproductions of old lights, the heights according to taste. Use araing 15 -watt all frosted lamp

The pumpkin slade for living rooms and sunrooms. Hang 75 inches from floor. Use 50-wall diffusing $\operatorname{lamp}$
 A sunroom ught,
made of parchment made of parclament
or silk, set 75 inches above the floor and served by 100 or $150-$ watt lamps
A living room wall fixture is usually placed 6 feet from the floor level and one should use a 15-watt frosted lamp


## KITCHEN AND LAUNDRY LIGHTS


Place 7 feet from floor or at ceiling above the work table. Use $150-$ watt frosted "daylight" lamp

> A nother kitchen type is this, to be placed 75 inches above foor, using a I50-walt "daylighl" lamp

(Below center) This kitchen light should also be placed on the ceiling and will require the same lamp as the others


(Above center) In laundry or kitchen, placed at ceiling and using either a Ioo-watt clear or a 150-watt "dayligit" lamp


> (Left) A third type of diffusing light for kitchen or laundry; place at ceiling

For kiichen wall bracket or pendant above sink or stove. Use a 50watt lamp


IN THE BASEMENT
This ceiling light is adequate for the basement. Use a 50watt lamp

See pages 92 and 93 for other

types of lighting fixtures, with prices

## DIRECTORY of DECORATION $\mathcal{6}$ FINEARTS



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a Useful and Beautiful Garden Ornament
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Recently the Art Museums of Columbus, Ohio and Syracuse, N.Y. asked me to loan them rugs for
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sition to prepay to you the equals sition to prepay to you the equals
of rugs in any museum, many at less cost than modern, "washed" rugs, and all thick, with rich glow ing colors and texture of sealskin.
The donor of the princely gift of 129 rugs, given to the Metropol lector can ever buy elsewhere equals of my rugs, and he advised me to raise my prices, which I have not yet done.

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An immense addition to the
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[^17]
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## THELLIGTTS TO <br> H A V E

IN THE BEDROOM

(Right). This type is partly indirect, the bottom of the shade being closed. It should hang not less than 75 inches above the floor and will use a roo-
or 150 -watt lamp

Below) For a side table electrify an old pressed glass lamp. It should stand to to 12 inches high and use a $25-$ er-45 watt frosted lamp

(Below) $A$ decorative side light with crystal drops and shield, for the bedroom. Light center $5^{1 / 2}$ feet above floor; use a 50 watt lamp

For a dressing table or bureau one may use a tall thin crystal shaft lamp with a paper shade. Light center should be 24 inches above top of table; 25watt lamp desirable

THE BATHROOM
The bathroom light center should be placed $5^{1 / 2}$ feet


Data for these lamps is shown by courtesy of the American Architect

THE DINING ROOM


For either the dining room or nursery. Place light ienter 75 inches from floor. Use a 50-or 75-watt lamp

Over table lamp. Requires 24 inches clearance between shade and toble top. 75-or Ioo-watt lampor "daylight" lamp

(Belowi) A center light of this type in the dining room should be placed so that the bulbs are about 48 inches above the table top. Use 25- to 50 -watt
frosted lamps


Electrically equipped candles for the dining table should be about If inches. Use a 25 -watt all-frosted lamp
An excellent dining room side fixture las a decorative silvered back plate with two candle lights. Place 6 fect from floor and use 25 -watt frosted round lamps


The lights on the buffet require no especial height or design of fixture. For this type use a 15-watt all frosted lamp

Still. another type of dining room center fixture. Placebottom of shade 45 inclues above table


This fixture would also be suitable for a bedroom. It requires 25 -to 40 -wall all frosted lamps

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AD at the breakfast table, he told the folks something like this:
"Dad hasn't anything on me now. I take a shower every morning, too."
"That's fine," comments Dad, "keep it up."
"Surely will; doesn't it make you feel fine? Dad, do you know I never thought I would like a bath so much that I would take one every day?"
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#### Abstract

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Harting
A gainst walls of cool yellow are hung a pair of portraits of young Chinese princesses. They complete a charming and balanced arrangement of furniture and accessories. Mrs. Buel, decorator

## WHEN YOU HANG YOUR PICTURES

## (Continued from page $7+$

below the ceiling to allow for insertion of breaks up the wall space in a pleasing and hooks. The molding is thus made to serve harmonious way.
the dual purpose of capping the wall and Pictures in a living room should be supporting pictures, and proportion is re- placed with due regard to the furniture as stored to the room. well as the architectural lines of the room.

What is the right way to hang pictures? Thus, a small cabinet standing against the The answer depends first upon the use to wall should not be surmounted by an overwhich the room in which they are hung whelmingly large picture. A picture apis to be put. In an ordinary living room propriate in size and shape, hung above a the hanging and placing of pictures de- cabinet or chest, apart from its own interpends entirely on the shape of the various est, will accent the beauty of the piece of wall spaces. Let us take the case first of furniture. Or two small pictures of matcha large blank wall which needs breaking ing size hung one above the other on up and enlivening. In this instance it is either side will achieve the same result. a good plan to mentally divide up the Often one picture or a mirror above a sofa wall into panels whose proportions seem is not sufficient to fill the space. In this completely satisfying. Then hang your instance a smaller picture on either side is pictures in such a way that they suggest, an effective solution, or a picture smaller by their position and spacing, the salient than the large center picture or mirror with forms of these imaginary panels. This
(Continued on page I46)


Harting
A scene from the Cupid and Psyche wall paper has been framed and used as an over mantel decoration in the room above. Chandler W. Ireland, decorator

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intercourse, with the rules
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[^19]

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Lighting fixtures and a pair of old fashion prints balance the Queen Anne mirror in this effective side wall group. Fakes, Bisbee, Robertson, decorators

## WHEN YOU HANG YOUR PICTURI

(Continued from page I \&/2)

two still smaller underneath will create a ably, the focal point of any room, a balanced and interesting effect. Examples fine picture incorporated into its de of admirably right ands atisfying relations helps to emphasize its importance an between furniture and pictures are to be give an added enrichment to its bea seen in some of the photographs. We find ourselves in any case comp In cases where the wall is already by the force of decorative circumsta paneled the procedure depends on the to surmount our mantelpieces with nature of the panels. Where the wall is tures or mirrors; why should we not divided up into wide and spacious 18th step farther and build these adornm Century panels, pictures, it is obvious, into the architectural scheme? must be hung in the center of each space. Where building-in is impracticable But in the case of the older Elizabethan space over the mantelpiece must be and Jacobean paneling, the problem of by an ordinary hanging picture. picture-hanging becomes very difficult here, by the way, a word of warni Should one hang pictures across these necessary. One should think twice b small panels, or should one do without hanging a fine and valuable oil pair pictures? That is a dilemma which gives over a fireplace where a roaring bla no middle way of escape, except where the constantly kept up. The intense he paneling is carried only a certain way up liable to have very deleterious effec the wall. In this case large pictures hung paint and varnish. Almost any pi over the paneling serve as broad vertical looks well over a mantelpiece, th pilasters of decoration and can be most there are, of course, limits of small effective.

While on the subject of paneling it will ate to that of the mantelpiece. Of be interesting to say something of pictures large and tall canvas is most effe built into the wall as panels set in archi- above a mantel; it carries up the pe tectural moldings. The Italian builders dicular lines of the fireplace toward of the 17 th Century made great use of ceiling in a very satisfying way. painting in their architecture.

Passages and staircases must nc
Altars and chapels were designed as neglected. A long continuous line o gorgeous marble settings for pictures; tures is effective in a passage, for i and what is more interesting to us, rooms phasizes the idea of length and rec in private houses were planned to have which is the charm of a corridor. painted panels set in the wall-panels. the staircase wall a sloping line of These were, in fact, fine pictures painted is always pleasant, while in certain by the best masters of the day for the where there is a stair-well with a large specified purpose of forming part of the wall, a single big picture hung up decoration of the room in which they were often gives a fine effect.
to be placed. When practicable the built- A pleasing treatment for recesses $n$ in-pictures possess great decorative qua- a room or on small and sharply de lities. wall spaces in a passage or on a landi The built-in-picture is best adapted to to take a number of pictures of the the space over the mantelpiece, as a part size, and preferably belonging to a of the architectural scheme of the fire- type, and to hang them solidly as a place. The fireplace forms, almost inevit- ing for the whole wall surface.

in walnut with Petit Point Needlework on drawer fronts
$A^{\text {LL Di Salvo Reproductions, as well as }}$ their Antiques, are imported, and the finest examples of European craftsmanship.


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Gillies

The large living-room above is attractively furnished with early American pieces. It is in the home of Peter Cooper Bryce at Mill Neck, Long Island

Color is brought in by means of gay chintz hangings and hooked rugs. An interesting bit of decoration is the old map of the world sel upon the table

THE DECORATOR'S SCRAP BOO
(Conlinued on page 150)

Striking spots o or are provide the porcelains decoralive Jap print over the $m$ of this effective place in the corn a library


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P. \& F. CORBIN SINCE 1849 The American Hardware Cor poration, Successor

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THE DECORATOR'S SCRAP BOOK
(Continued from page 148)


A commodious cupboard for a room lacking sufficient closet space has doors lined with gay chintz. Olive W. Barnewall


When the furniture is covered in flowered chint it is a good plan to have plain or striped curtains. Olive W. Barnewall, decorator

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"What to do and How to do it"-a guide to better homes, is a book that answers a host of questions on home decoration and arrangement. It tells how to make the most of What you have-how to spend to the greatest advantage.
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HOME LOVERS! Does your home need new clothes this spring? Or is it already all it should be... a true reflection of yourself.... a house worthy of the children who live within... a beautiful home that friends frankly envy?

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220 PELOUZE BUILDING, CHICAGO


A stone house of interesting roof-profile, using a "Barrett Everlastic" slate-surfaced asphalt shingle. Gray, dull red and dull green are the colors in which these shingles are made

NATURE and ARTIFICE in SHINGLE

(Continued from page 8o)
material is used, is insistence on galvanized iron or coppered nails. Ordinary nails rust through, so that shingles, slates or tiles drop out-but this is the fault of the roofer, not of the material units he is using.

When the prospective builder, or the owner of a house about to be re-roofed considers the question of material, his two practical questions are apt to resolve themselves into (1) a choice of material based on exigencies of immediate economy, and (2) a choice based on the idea of investment. In the first case he must make the best of the situation, and

"Creo-dipt" slingles laid in irregular, wavy courses produce a roof of interestingly "antique" appearance
remember that later years he will confronted wi further re-roofi with probable ma tenance cost in interim. In second case, more expensive r will represent economy later and will add the resale value the house at time.

Appearance, is a factor, but of not so compelling the two just stat The appearance roof has always b a matter of conc to architects, the fact that rec years have s the development so many low-c (Continued on po 156)


A roof of vigorously rugged character and texture is effected here by good use of "Moluwk Tapered Asbestos Shingles"

This softening of sharp gables and eaves, by the thatch effect in laying, is achieved with wood shingles, "Creo-dipt"


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Here is a wood which is flawless in beauty, yet extremely practical. Walnut's vari-figured natural brown, richly glowing with imprisoned forest sunlight, gives warmth and character to living hall shown above. Its strength and durability have remained undisputed through generations. Its fine lustrous surface is easily cleaned and cared for. If walnut should become marred or dented, it would scarcely be noticeable, for the radiant color is inlaid in the wood by nature, not laid on by man. Whatever your other furniture, or your color scheme
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TO EVERYTHING and everybody in the world, Spring means new life and new energy. To the homekeeper it means a brightening up of everything within and without. It means a home freshened with cleaning and with flowers.
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(Check items desired.)

## Name

Address


The wood shingle roof laid in thatch effect, will always be popular for informal houses of the cottage type. This roof is laid with "Weatherbest" stained shingles

## NATURE and ARTIFICE in SHINGLE <br> (Continued from page 154)

roofing materials of at tractive appearance evi dences an ever-growing consciousness on this point among prospec tive builders.

Architectshavesought roofing materials of old, beautiful and variegated colors, materials with which they could achieve subtle profiles, but it is only recently that manufacturers have successfully met the problem of serving this architectural requirement with materials of practical utility and moderate cost.
The scope of this article intentionally omits slate and tile as roofing materials, and aims to present a few comments on manufactured shingles of wood, metal, asbestos and asphalt on a felt base.
Until comparatively recently, the wood shingle was practically the only shingle used, and the only modern development has been to offer shingles pre-stained by dipping, and hence more thoroughly impregnated with creosote than shingles to which stain is applied on the building Considerable added life is given to wood shingle by dipping in creosote


To the side walls of truly Colonial houses, hand-split wood shingles impart a rugged, primitive character

## stain, and a great co

 range is also possi Shingles weather nat ally with a cer mount of variation color, and the maker pre-stained shingles offer them in ass ments of color and to Straight-grain shin take stain more ev and retain it longer $t$ shingles sawed in suc way as to expose hard and impregna portions of the wo Creosoting is a gen preservative, not against rot and inse but against weather also prevents rot aro nail-holes, which ca shingles to drop ou place, and counter the natural tendenc shingles to curl andw The natural life wood shingles is ge ally given as fi years, though many cient buildings shingle roofs testify longer life. On walks, of course, gles last far longer on roofs, and on New England coast salt in the air seem transform the structure of the into a substance d ent from wood. C cypress and redwoo (Continued on page

Rough textured "Colorblende" shingles with ragged edges are the latest and most interesting development of asbestos shingles


This close view of a Barrett "Giant" asphalt shingle shows the texture effect of the slatesurfacing of this roof covering


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Portland, Ore., (Northwest Fence \& W ire Works)

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Send for your copy of the beautifully illustrated and informative book "Your Home Screened the Higgin Way." It will help you to decide how your home should be screened to keep out summer pests and insure the comfort and health of your family.

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## Tells how to screen your home

Iis trite to say that screens should be unobtrusive, fly-tight, mosquito-proof and durable. But the screening of a home to meet these requirements is a job for an expert. That in why Higgin All Metal Screens are always installed by Higgin service men, trained in every detail of screening the home, from measuring to


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Picture this Porce-Namel table in your kitchen. Contemplate the number of stepsitwill save. Realize that with a Porce-T Namel , practically everything pertaining to the preparation of a meal is within arm's reach.

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It will never buckle, bulge or warp. Every Laflat top is reinforced to give absolute rigidity of working surface. Every Porce-Namel table is given three coats of snowy white enamel on back, ends and front. All interiors are finished in the same manner. Insist upon a Porce--Namel from your furniture dealer.

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## MUTSCHLER BROTHERS COMPANY

435 Madison St.
Makers of Fine Tables Since 1896
Box 34
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Vegetable Soup
Roast Beef
Baked Potatoes

Lima Beans
Salad
Indian Pudding

COULD this meal be cooked in your kitchen with 25 minutes of gas? Or would it take three hours? Could your maid start right after lunch, turn off the gas 25 minutes later, and then be relieved of further attention to the meal until time to serve it?

In thousands of homes this is being done, by cooking with the gas turned off on the Chambers Fire less Gas Range.
Whether your problem is making a good cook stay, or enabling her tocook food more deliciously with less waste and less effort-this modern method offers you the sure solution.

The vegetable soup, lima beans and Indian pudding are put at one time on the open burner under the Thermodome. After 20 minutes the gas is turned off, and the cooking is completed by retained heat-the heat you now waste.

The roast is put in the specially insulated Chambers Oven, ten minutes later the potatoes, and at the end of 25 minutes the gas is turned off.

There is no pot-watching, no basting while the meal cooks on with the gas turned off. And there is no worry. Even if the meal is served hours later than planned, it will not be burned or dried-up. But it will still be hotand with all the rich juices and delicious flavors kept in.

The efficiency of these truly modern ranges, which mark a new era in cooking methods, is matched by their beauty of design and finish. The model in all. white or black-and-white fitted to the needs of your kitchen will harmonize perfectly with its surroundings. You will be gratified by the reductions it will make in your gas bills, the time it will free and the improved cooking it will assure

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## NATURE and ARTIFICE in SHINGLES

(Continned from page 156)
considered from their natural weatherresistant qualities the best woods from which to make shingles
Architects working in the true vein of the Colonia! have greatly revived the popularity of the old hand-split shingle, which gives an interestingly rough and shaggy effect to side-walls. These shingles, which are again being made to meet a considerable demand, are of larger dimensions than mill shingles, and are more durable because they are split on the natural cleavage of the wood. They are especially effective for use on sidewalls, where they can be laid with as much as 8 inches exposed to the weather.
In the building of wood shingle roof it is best to lay the shingles on strips called shingle lath rather than on a tightly sheathed roof, because the circulation of air in the attic prevents dry rot. Wood shingles should be laid in a course of double thickness at the eaves, projecting 2 inches and with care that the upper course covers all the joints in the lower course. From 4 inches to $41 / 2$ inches is the proper amount of weather exposure to allow for wood shingles on a roof, and when this is increased to 5 inches or 6 inches it means a roof with a leaky future, and usually a builder who is trying to cover a given roof area with a smaller quantity of shingles than is called for by the job.
The tips of wood shingle roofs are generally protected by tin under-shingles, which are heavily water-proofed, like flashings; they are, in fact, like the flashings in roof valleys, bent the opposite way.
A great deal of interest can be given a
wood shingle roof by making the most of variegated color effects in pre-staining, and by using shingles which can be laid in irregular, wavy lines. There is a continued popularity for the thatch effect in shingle roofs. One of the best arguments in favor of adapting wood shingles to produce the effect of straw or rush thatch appears in an interesting booklet just issued by one of the wood shingle manufacturers. There has been more or less argument among architects as to the strict correctness of thatch effect shingle roofs, and here is a paragraph which combines sense and sentiment to an unusual degree:
(Following a brief description of the ancient craft of the thatcher)
"While one occasionally sees evidence of fresh activity of the thatcher, like many another picturesque feature of bygone days the old thatched straw roof is rapidly disappearing to make way for something more practical. It was too insecure against storm, too hospitable to vermin. Yet the quaint charm of its softly-rolling helped the building to nestle snugly in the shades and valleys of the surrounding landscape, and still holds a place in the affections of those who love beauty." This is consideration of the enc or aim of the "thatch effect" shingle roof, rather than of the means utilized to attain it. A not-too-broad architectural sanction must admit the desirability of effecting a soft, old-looking roof-line which obliterates sharp points of gables and harsh edges of eaves, and must admit, too, that it is perfectly permissible to realize this idea in any material and by any structural ingenuity that may be invented.
Shingles of metal, naturally, are confined to impervious metals as the material of their manufacture. We have, therefore, zinc shingles and copper shingles. Tin shingles, due to the necessity of constant re-painting to prevent rust, offer no advantages, and exist mostly in the form of inartistic, mechanical imitations of clay tiles.

Zinc shingles are made so that the units interlock and form a tight, permanent roof. weighing only ios pounds to the square.

The newest comer among metal shin gles is the copper shingle, which is eves
lighter in weight per square than the shingle The C per square dass Researc Association has compiled a table relative weights per square of differen types of roofing which is of interest to include here, as the weight of a roo directly affects building costs as repre sented by the framing and constructio of the roof.

## Shingle Tile <br> Spanis Slate. <br> Felt and Gravel <br> Asbestos Shingles <br> Hardlead Sheets <br> Wood Shingles... <br> 20 g . Galv. Iron (Corrugated) 16 oz . Copper (S) Copper Shingles. <br> As copper is non-corrosin

 Ased in very thin sheets, wive it can b used in very thin sheets, which account for its lightness as compared with othe materials. It possesses, also, the advan tage of color, both natural and chemical and is used not only in its natural oxidizec green color and other greens, but in complete range of reds, browns and tans in purple and even in a rich turquois blue-all with a soft, velvet-like texture In re-roofing, copper shingles can be laid over old shingles. Their raised butt lift the shingles sufficiently to provid an air space beneath the surface, allowing perfect ventilation. With copper, o course, there is never any future expens in repairs or re-roofing, and the roof no only adds to the re-sale of a house, but even possesses a high salvage value.In the asbestos shingle the prospectiv builder is dealing in a known quantity in the matter of material. Every one knows that the most conspicuous quality o asbestos is its resistance to fire. Wood shingles, of course, have no fire-resistant properties; metal shingles are fire-proof, as are also asbestos shingles, while the fourth division dealt with in this article (asphalt on felt base) are partially fireresistant, due to their slate surfacing.
The asbestos shingle is a substantial thing, from the nature of its substance, with a wide range of variety in its appearance. In the earlier years of their manufacture, asbestos shingles were far from attractive when laid on a roof because hey presented a flat, even surface devoid of shadow lines or texture, and a uniform expanse of the peculiarly uninteresting color of natural asbestos and the substance with which it was combined.
Today asbestos shingles have reached a high stage of development in which their practical advantages are equalled by their esthetic appearance. The most popular asbestos shingle roofs are now aid in a variegated range of blending colors. An interestingly rough texture has also been achieved, as well as an uneven, shaggy edge in place of the uniformly mechanical exactitude of the first asbestos shingles, and the heavy butts of the new tapered asbestos shingles give effective lines of shadow.

Asbestos shingles are usually laid 7 inches to the weather, and in the same manner as slates or tiles. In re-roofing it is becoming the practice to lay asbestos shingles directly over the old wood shingles, the added weight being no greater load on the existing roof structure than the weight of the wood shingles soaked with water in every rain storm. The roofer who is particular about the workmanlike quality of his job lays thin beveled strips of pine board along each course of the old wood shingles, as shown in one of the illustrations. The bevel is utilized to level off the surface on which the asbestos shingles are laid, the strips being laid so that the thick, or butt, edge comes against the butts of the old shingles, Some roofers maintain that the only really good re-roofing job demands the (Continued on page 162)


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## NATURE and ARTIFICE in SHINGLES

(Continued from page 158 )
complete removal of the old shingles, and the tight re-sheathing of the roof with match-boarding. This contention is well worth considering if the old shingles afford an insecure and rotten nailing for the new asbestos shingles, because such a nailing would allow some of the new units to work loose. Whether to lay over the old shingles or to remove them and sheath the rafters can only be decided in each case by the nature and condition of the existing roof.
For a new roof, asbestos shingles are laid on a tightly sheathed roof (preferably match-boarded), using good building paper or slater's felt and nails of gal vanized iron or copper.

The fourth type of shingles considered by this article appears in several different forms, and usually under the name of "asphalt" shingles. Whatever their minor differences, the principle of their fabrication is the same. The base is heavy building felt, to which is added, under great pressure, compositions mainly of asphalt. The surface to be exposed on the roof is "slate surfaced", meaning that an even, all-over coating of small particles of slate or other stone is pressed into the asphalt coatings.

It can readily be seen that differences in the wearing quality and in the appearance of this type of shingle will result from differences in the manufacture of the several brands. The felt base may be thick, or thin; the quality of the asphalt coating may vary according to the quality of asphalt used, according to the proportion of other substances used with it, and according to the thickness of the asphalt coating. One asphalt shingle, for instance, is tapered like a wood shingle, and may be laid 5 inches to the weatherinstead of the 4 inches which is regarded as the safe weather exposure for flat asphalt shingles. This tapered shingle is built-up and moulded under great pressure, and meets every practical test of roofing.
In appearance asphalt shingles may vary in the color effects produced by the coloring matter used in the asphalt mixture, and may vary also according to the color of the pulverized slate pressed into the exposed surface. The usual colors are dull red, dull green and natural dark gray slate while a new arrival in the field offers a rich weathered brown, in a range of tones, made from a special slate found in a Georgia quarry.
While the slate-surfacing greatly lessens the fire-hazard from falling sparks or a nearby fire, the asphalt shingle is not in itself non-inflammable, like the metal or asbestos shingle, or like tile and slate.

Asphalt shingles are made as separate shingles, and in strips of two and four shingles in one piece. The main advantage of these joined shingles lies in a saving of nails and of labor cost in laying. Asphalt shingles are being used extensively for re-roofing over old wood-shingle roofs, in which procedure the same methods should be used as were outlined for re-roofing with asbestos shingles, The same methods, too, apply to the laying of a new roof of asphalt shingles as apply to the laying of new roof of asbestos shingles. Asphalt shingles 12 inches long, laid 4 inches to the weather, give a roof covering of three thicknesses over the entire roof area.

Of all the types discussed, the asphalt shingle is the least expensive from the point of initial cost of material and of labor, and with the increasing esthetic merits in color, texture and thickness now apparent in their manufacture, the as phalt shingle is assured of its growing popularity and wide use.
The best roof, always, must be the permanent roof which is also beautifulthe ideal roof which is the aim of both manufacturer and prospective builder. The first of these essentials, permanency,
is, in the final analysis, predicted by th inherent physical properties of material the second, at first similarly predicted has recently afforded a remarkable oppor tunity for a demonstration of the ingen uity, resourcefulness and enterprise American manufacturers.
For the reader who wishes to get direct touch with the manufacturers the various types of shingle describe in this article, the following list is offered
woo
Souther Cypress Cw Oreans, L Manufacturers Associatio (Cypress Shingles; Complete Data, Booklet Creo-Dipt Company, Inc. North Tonawand (Stained Shingles; Booklets, "Thatch Roofs How to Build a 40 -year Roof,"
Weatherbest Stained Shingle Company, In North Tonawanda, N. 1. Weatherbest stained Shingles; Bookle ncluding "The
Thatch Roofs.") E. S. Vanderbilt, 98 Park Place, New York City (Hand-split Shingles).
H. S. Barber Cre-sote-stained Shingle Co., Beaufait Ave, Detroit, Mich.
("Barcrest" Shingles, pre-stained.)
West Coast Lumbermen's Association: (Shin Branch) Henry Building, Seattle, Wash.
("Rite-grade Inspected Red Cedar Shingles
alifornia Redwood Association, Expositio Building, San Francisco, Calif.
(Redwood Shingles.)

## METAL

Anaconda Copner Company, (Copper \& Bra Research Association, 25 Broadway, N (Copper Shingles: Booklet, "Copper, The Ide Roof."

## Illinois Zinc Co., Peru, Ill.

(Illinois Zinc Shingles.)
ASbestos shingles
Mohawk Asbestos Slate Co., Utica, N. Y. " (Tapered Asbestos Shingles; Booklet, "

Asbestos Shing , slate and Sheathing Compa Ambler, Pa
(Cement Roofing Slates, Asbestos, "Centur Shingles; Booklets.
H. W. Johns-Manville Co., 296 Madison Aven New York City.
(Johns-Manville Colorblende" Asbestos Shingl Johns-Manville "Flextone" Shingles; Johns-Ma a
ville Rough Textured Asbestos Shingles, Bookle "Re-roofing for the Last Time," Etc. Ftc) Johns-Manville Asbestos Shingles, with Particu reference to Colorblende.")

ASPHALT SHINGLES (Felt Base)
The Barrett Company, New York City, Single Shingles," "Fverl Shingle; "Everlas Rolled Roofines, Roerastic Multi-Shing Time and Money," Etc. Etc.) 4 in I Roofing Sa

Bird \& Son, Inc., East Walpole, Mass. "Art Craft Roofs," "Slate-Surfaced Roofin Twin Shingle,", "Paroid Rolled Roofing," Bi

The Richardson Company, Lockland, Ohio (Richardson Roofing; Super-Giant Shing
Booklet, "Roofs of Distinction") Booklet, "Roofs of Distinction.")
The Barber Asphalt Company, Philadelphia, ("Genasc
The Philip Carey Company, Lockland, Cincinn
Asphaltslate" Shingles, "Jumbo" Shingle, S Shingles, Rolled Roofing, Booklet, "Your Home

rcHenry
Flintkote Company, Boston, Mass.
("Rex" Roofing and Building Products;" "R Shingles, Slate-Surfaced; "Rex" Cut-Corner Sh
gles, Slate-Surfaced; "Rex" Strip Shingles, gles, Slate-Surfaced; "Rex" Strip Shingles, Sl
Surfaced; "Rex" Wide Spaced Shingles; RexShingles; General Book on Roofing.)
Lockport Paper Company, Lockport, N. Y. ("Winthrop" Tapered Asphalt Shingle: "Ind Shingles; "Big Chief" Asphalt Shingles; "Ind Kraft" Roofing; "Big Chief Giants;" and ot Roofings.)
Certain-teed Products Corporation, St. Louis, 1 Asphalt Shingles, Red or Green Miner urfaced.)
H. M. Reynolds Co., Grand Rapids, Mich. (Reynolds Flexible Asphalt Shingles.)


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## ON HOUSE $\mathcal{O}$ GARDEN'S BOOK SHELI

T$\Gamma_{\text {bert Durand. G. P. Putnam's Sons. }}^{\text {Aming }}$ It is probably safe to hazard the statement that for the man or woman really sympathetic with nature as revealed in flowers and plant life and who breathes best in the stimulating outdoor American air no more charming, companionable or enlightening book than this ever has been published. It will undoubtedly convert many from their interest, albeit intense, in their tame gardens, stocked with prim and usually well-behaved denizens fastidiously derived from various parts of the world, to believing with the author, who here lays down his pen after writing, as the conclusion of the whole matter,"I can not imagine a more delightful and absorbing pastime than studying Nature's ways with plants and using the knowledge thus acquired, to create gar-dens,- new kinds of gardens, that will follow her teachings, reflect some of her charm and literally make glad the waste places."

The volume itself is a perfect cameo or intaglio among garden books, of nicest and neatest form imaginable, and con-
tains a sumptuous little gallery of lovely tains a sumptuous little gallery of lovely are 23 colored plates and 149 other illus-trations,-each provided, where there is at all need for it, with an informative subscription. But it is thoroughly practical and keeps in view all the time its theme The Taming of the Wild Flowers, that is, the making use of them in such a way that one can actually indulge among them in that "purest of pleasures and greatest refreshment to the spirit of man." All other books relating to native American flowering plants describe the plants and flowers, help to appreciate them and to study them botanically; but this book tells how to promote the preservation of them in their native haunts and how to transfer all that can be moved safely into new homes, homes of more artificial conditions. And the number of very desirable ones then can be thus utilized is astonishingly and gratifyingly large.

The designer of landscapes will learn secrets that make available many native shrubs and herbaceous perennials worthy of being placed alongside of those that now for several years have been highly esteemed by the knowing, such as Ilex verticillata, I. giabra and Viburnum cassinoides. Excellent prescriptions are given for small back yards and even house foundation plantings. For rock gardens is found a most salutary idea, rock gardens that regularly are "essentially artificial afiairs made soiely for the purpose of growing plants from every country on the face of the globe except America. The contents of bog and water gardens are shown to be capable of great enlargement and enrichment at man's hands; For making woodlands more like fairies; paradises then through ignorance they commonly are allowed to be, help is provided abundantly. For all kinds of sites indeed there are wise suggestions in both the narrative part of the book and in the form of concise lists.
The names are handled carefully, so that almost without exception identity is made certain. Readers in various parts of the country, however, might wish for more of the common names. Swamp Magnolia, for example, would be searched for in vain by many persons who, knowing it only by that name, would not of course find it as "Bay, Sweet", listed among Wild Bushes for which cultural directions are given. Fewer persons perhaps would fail to find what to them has been the Wild Honeysuckle here recorded as "Pinxter Flower". For the former of these two subjects the book employs Magnoiia virginiana as the sole scientific name, whereas the catalogs call it only Magnolia glauca, a name not found in this little book at all.

Due credit is given to nurserymen who supply native plants and who should
therefore be encouraged so that the may be less robbing woods and wi places of their treasures. Measures ar
methods for protecting and preservi methods ior protecting and
these are fervently advocated.
F. B. M.

STANDARDIZED Plant Names. Frederick Law Olmsted, Frederick Coville and Harlan P. Kelsey, Sub-Con mittee of the American Joint Committ of Horticultural Nomenclature.

So great has been the confusion, resu ing often from practical difficulties, both scientific and common names in $t$ very broad and complex fields of hor culture that a work of solution must regarded as epoch making. Careful a sympathetic consideration at least shou be given this book which, as but a supe ficial examination would show, has be made with care, as it has been compil gratuitously, by men selected through t cooperation of the various nation-wide? sociations. It is impossible to concei that the work could have been done mo faithfully or more ably. The wise nurser man will now employ the recommend names in order that he may be sure supplying exactly what an order calls and to give evidence of accuracy and int ligent progressiveness that shall me patronage
There is no arbitrariness in attempti to make the recommendations current a not even the members of the participati organizations are obliged to accept a innovation in nomenclature. But t hope is that the Committee's work sh: be regarded as authoritative for five yea during which period corrections and su gestions are welcomed with a view towa revision. Some remarks pertinent to th will be attempted here. But first let working of the book be illustrated.
A contemplative purchaser or a nurse man may be considering what he $h$ known as Douglas Fir; but he is not exa ly sure what name to employ in asking $f$ it or in listing it, for he has a remembran of having seen various names in asso ation with it. Consequently he looks the proper alphabetical position in tl book. Fortunately the names of all so are arranged in one list, with the except of the Fruit Names, which form a co paratively small Appendix. He fin Douglas-fir which by its small capit indicates at once that this is to beregard as the approved common name. By t hyphen is shown that the tree is not rea a Fir, just as Day-lily means that t flower is not really to be regarded as Lily, while Silver Fir is actually a and belongs to the genus Abies. (Co sistency in the use of the hyphen has yet been attained; one finds approv Coralberry and Bladder-senna, Y LOW-WOod and Leatherwood.) Af Douglas-fir is printed, in heavy ty
PSEUDOTSUGA DOUGLASI, heavy type meaning that this is the proved scientific or botanical name. Und that head further search finds, printed Italics, four other names which, thou sometimes employed, are recommended the discard. Behind two of thesenames a abbreviations of the names of authoriti that have given their sanction to the names. P.d. glauca then is treated as t Blue Douglas-fir and P. macrocarpa the Big-cone Sprlce. The treatment the subject ends with giving the approv names for four horticultural varieties Pseudotsuga and the various synonyn that are now to be dropped. Each of the varieties is listed separately in the bo of the work: so minute in its details is In connection it will be noted that scientific term, of Greek or Latin origin, employed for a variety, so that hencefor instead of Spiraea vanhouttei (or Spira Van Houttei, according to the older fas ion) will be found Van Houtte Spire and instead of Retinospora plumosa w
(Continued on page I66)


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## ON HOUSE $\mathscr{O}^{\circ}$ GARDEN'S BOOK SHELF

Continued from page 164)

stand Plume Retinospora. Another aiming at simplification in species or genus names of scientific form, in addition to the new spelling Rosa hugonis, in which even a name derived from the name of a person is spelled with a small initial letter unless it is the first part of a compound name, consists in dropping the second i of a Latin genitive that formerly was allowed to have $i 2$. For these innovations there is good warrant in scholarship and the uniformity attained is pleasing.
But there is less uniformity in permitting Hugonis Rose and Regale Iris while other varietal names are given purely English forms. The common names, to be sure, have been fixed upon only with great difficulty because of the multiplicity with which certain plants have been honored, or burdened, in various parts of the country. Some will of course meet with much opposition; many gardeners will find it hard, for example, to persuade themselves to refer to the Saucer Magnolia, whereas they before have called it Magnolia Soulangeana. One might have expected to find Soulange Magnolia, just as he does Lenne Magnolia. Can it be that the Committee lacked for the latter a name of truly popular character or, as is more probably the case, desired to indicate that while the former is a hybrid whose parentage is known the latter is buta a garden form of the one here mentioned first?
The names of persons applied to plants have been handled variously. Among tulips is still found Mr. Farncombe Sanders while right beneath it stands J. G. Baker. Among Lilacs Ellen Wilmott supersedes Miss Ellen Wilmott and Ludwig Spaeth stands instead of Andenken an Ludwig Spaeth; but why then should a Canna be called Mlle. Berthine Brunner and a Peony still be handicapped by the sesquipedalian appellation Souvenir de I'Exposition Universelle or even by the shorter compound Souvenir de Louis Bigot? The person for whom was named a rose would be honored just as much if the words "Gruss an" were omitted before "Teplitz." These are minor matters. But is it not to be hoped that all cumbersome names may be simplified in the next edition, even at the cost, if necessary, of obtaining, so far as may be possible, the approval of the originators, or, if they can not be reached, of their friends or fellow countrymen?
For names of foreign origin, particularly those of Japanese Flowering Cherries and Japanese Irises, the responsibility rests with several scholars to whom the languages are native and who, like many other experts in the various fields, have labored hard and gratuitously aided in bringing the complete work to its high state of excellency. These Japanese names have always been untractable to Americans and it is consequently a relief to find their equivalents, usually very beautiful equivalents, like Morning Mists and Moonlit Waves, recommended for general use. For the Japanese Iris Osho, however, no English paraphrase is suggested; nor, by the way, is it clear whether or not this name is recommended for that lovely double variety sometimes called Blue Danube, whose Japanese name regularly has occured, in the few catalogs that have listed it, as Osho-kun. Here the synonym Osho-san inclines one to think that Osho is to be regarded as the correct name.
In certain points the Committee has had to be arbitrary. The spelling "Evonymus", to illustrate, has recently had much vogue, as has the use of the feminine form in the appended adjective vegeta. These forms are accounted for by the fact that the prefix cu-, meaning "well", naturally becomes ev- before a vowel in English, as it does in the familiar word "evangelical" and by the fact that in Latin the names of
plants regularly are feminine, even th name of a tree where the word itself, i Latin grammar, appears to be masculine -Quercus, "Oak", for example. But th word for "name", which composes th second part of Euonymus, is masculin and this may be the Committee's reaso for taking the name of the plant as of tha gender. In a somewhat different wa masculine associations have kept Hya cinthus, Narcissus and Crocus masculine In certain other matters it is to be as sumed that the Committee has foun authority, as in preferring Wisteria t Wistaria and halliana to halleana anc Levermere, in the name of a poppy, Livermore, which is universally the forn in catalogs

There has been some concession $t$ convenience and established usage in con tinuing Retinospora as the common nam for all plants representing juvenile state of Chamaecyparis (Cypress) and of Thuja (Arborvitae) and in listing azaleas apar from the genus Rhododendron into whic botanists have placed them.

But again these are small matters an of trivial importance among the 45,00 entries nearly each one of which has pre sented possibilities of variation. The tas accomplished has been stupendous enoug and the wonder is that only three plan groups still remain not considered, namel Vegetables, Flowering Annuals an Flowering Bulbs other than the Tulip To this flower have been devoted seven teen pages of double columns. Herein, a under other heads also, when the sam fairly well established name occurs fo two or more varieties, even of differen types, the Committee contents itself wit merely calling attention to the unfor tunate conflict and refuses to sanction th name for any of the varieties, with th hope that this confusion of synonom may not continue.

Additional service might perhaps b rendered by giving aid toward pronounc ing the names, particularly those foreign origin, and toward forming plural correctly. If this should not be embodie in the text it could be given a place in th Appendix.
F. B. M.

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And then he pats women on the back with: "Don't forget that women are ap to make good gardeners, because they are willing to 'fuss over' necessary small mat ters. If you do not like to attend con stantly to 'little things', if you 'hate de tails' you will be unlikely to make a big sucess of intensive culture.

And finally he gives a fling that goes to the heart of gardening: "In short, the man or woman whose interest is in watching the crops instead of the clock, is the one who succeeds in garden work.
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## NOTES OF THE GARDEN CLUBS

ELEANOR PAINTER CUNNINGHAM

## des moines, Iowa

THE Garden Club of Des Moines,
Iowa, of which Iowa, of which Mrs. Ralph Orwig is the President, originated in the Fall of enthusiasts who met informally at irregular intervals and conducted one Flower Show a year. There are now about 300 members, men and women paying annual dues of $\$ 2.00$, all doing personal work in their gardens. From February to October, inclusive, meetings are held, as a rule in the afternoon, and usually in the City Library Auditorium, but sometimes at the homes of members and occasionally at the Hoyt Sherman Place Auditorium.
The programs are mostly of horticultural subjects, often treated by members and range from the "Construction of Cold Frames", to "Grouping of Annuals", "Transplanting Perennials for Color Arrangement in the Spring Garden", "Rock Gardens", or "Native Shrubs and Plants for the Garden"-the last topic being presented by Miss Etta Bardwell, a landscape architect. "Forcing Bulbs for House Blooms" with annual exhibit of blooming bulbs, was the subject of brief addresses by Mrs. Watkins, Mrs Henry Grankel and Mr. Joe Zwart, when Mrs. Alexander Fitzhugh was hostess for the Club. On another occasion, "Garden Pools" were considered, which resulted in introducing several pools in gardens, and an open discussion of "Garden Troubles" led by Mrs. Otto Brownell, showed the necessity for "The Question Box".

Among those who have lectured before the members professionally are Mr. J. Horace McFarland, of the American Rose Society, Mr. John Wister, of the Iris Society, Mr. Jens Jensen, the landscape architect of Chicago, on "The Small Garden," and Mr. Bertrand Farr of the Wyomissing Nurseries, Pennsylvania. At other meetings Mrs. Francis King spoke and when the Rev. Leroy W. Weeks, of Emmetsburg, Iowa, talked on "Bird Conservation", at the City Art Library one evening, an exhibit of bird feeding trays was arranged, with remarks on "Winter Feeding of the Birds" by Mrs. Frankel, who also explained, earlier in the year, about "Bird Houses" when an exhibit of these was given. Guests of the evening were the husbands of the members of the Garden Club and the Audubon Society. A program in 1922 was devoted to "Beauty Spots in Iowa and Native Planting in our City Parks" and in 1923 an afternoon was given to "Conservation of Native
Flowers", upon which occasion Dr. Harry Oberholtser, of the U. S. Biological Survey, Washington, D. C., spoke "The McGregor Wild Life School".
Lecturers have also come from the Iowa State University, including Dr. Schinik and Dr. L. H. Pannel. Leaflets on their subjects are always left for the benefit of the Garden Club. Dr. Pannel conducted a pilgrimage of the members to an untouched bit of the native prairie where he identified all the flowers, many of which were rare. His leaflet, besides explaining about the soil and formation of the prairie, listed the plant material found there, in which are noted several varieties of trees and shrubs: the American and Slippery Elm, Red and Burr Oak, Soft Maple, Butternut, Iron Wood, Dogwood, Box Elder, etc. The bulletin mentions such flowers as Larkspur (Delphinium penardi), Sweet William (Dianthus barbatus), Anemones (canadense and cylindrica), Compass Plant (Silphium laciatum), Purple Cone Flower (Echinacea) the Golden Alexander (Zizia aurea), Rattle Snake Master or Button Snake Root (Eryngium yuccifolium). Lead plant (Amorpha canescens), Wild Indigo (Bapisia leucophaa), Evening Primrose (Oenothera serrulata), and Prairie Rose (Rosa
setigera). There are also several Goldenrods, including the missouriensi and the Fragrant (Solidago memoralis), and Asters sericeus, azureus and lavis, also much Bed-straw (Galium claytoni) and Blazing Star (Liatris pycnostachya) Varieties of grasses and sedges were many.

Another Field-day is an annual picnic. which in 1923 was in Union Park (of about 200 acres) where "The Formal Perennial Garden" was the subject of general discussion.
Features of the meetings have been, in addition to those already mentioned, Exhibits of Catalogues, Garden Books, and Winter Bouquets. Also the Club arranged in the City Art Gallery an elaborate Exhibition of "Garden and Flower Paintings, Garden Furniture and Accessories" which attracted hundreds of people. There were 30 paintings received, from New York, Chicago and Los Angeles, and many artistic examples of bird-baths, jars, trellises, sun-dials, weather vanes, garden furniture in stone and other materials. Samples of garden tools were also shown.
Other exhibits were a bronze fountain by Mrs. Alice Caspar Hubbard of Des Moines, a wall fountain and garden-wall plaques, also fountain studies in plaster. and a piece of statuary by Miss Florence Sprague of Des Moines. Miss Louise Orwig and Miss Harriet Macy, also of Des Moines, were among those sending paintings.
Public Flower Shows are held, in the gardens of members, usually on Sunday afternoons. They are immensely popular over 2500 having attended the Tulip Show in Mrs. Meyer Rosenfield's garden. The Show of Daffodils was given on the estate of Mrs. Addison Parker, then President of the Club; Lilacs in the garden of Mrs. Frankel, Peonies on the Chamberlain estate, and the Iris in the garden of Mr. and Mrs. Ralph Orwig. "Friendly Gardens" were visited by members in 1922, and in 1923 they were guests of Dr. and Mrs. Eli Grimes, in their Rose Garden. Comprehensive Year Books have been published by the Club, the last including a calendar of monthly horticultural reminders. In four months of these appeared "Plant a Christmas Tree", following up the appeal made by Mrs, Parker, at the January meeting, to "Make Des Moines a Christmas Tree City!" Already dozens of Christmas trees have been planted on the lawns and were illuminated during Christmas week, and it is anticipated that hundreds of these trees will be planted during the current year. This campaign is considered one of the most important achievements of the Garden Club, which has also cooperated with the City Park Commissioner and prevented further cutting of native trees and shrubs in the City Parks. In addition the Club worked with the City Planning Commission and the Zoning Committee.

Another valuable accomplishment was the planting of the grounds of the Children's Home, for which Miss Etta Bardwell, a Club member, gave her professional services, with plans. The program for the current year will include a "Ouestion Box", many "Open Discussions" and probably the planting of fragrant flowers at the Home for the Blind, with possibly, in the Fall, work on the grounds of The Home for the Friendless.
The Garden Club has fostered interest in Conservation by distributing "Conservation Pledges" similar to those issued by the New York State Commission, through the Camp Fire Girls and school children. The grounds of one school were planted by the Club, with native shrubs, vines, and flowers, the pupils doing the actual work, and other schools followed (Continued on page 172)


MORE than twelve thousand Ideal Power Lawn Mowers are now in use. This number is greater than that of all other makes combined. Such leadership means that you can purchase an Ideal with the same confidence you would a motor car of established reputation.
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# NOTES OF-THE GARDEN CLUBS 

## (Continued from page 170)

this example. The Garden Club has their gardens and pay annual dues of placed bird-feeding trays on some of the $\$ 1.00$. school grounds and the children make Afternoon meetings are held at the more feeding-trays and bird-houses, in Community House, monthly, throughout the manual training school. Among the the year. Horticultural topics are usually plans for the current year are two Field discussed informally, and in the summer, Days to be conducted by Dr. L. H. Pam- after the meetings, the Club makes a mel, State professor of botany, to an tour of inspection of the members' garuntouched native bog, also to prairie dens, in quest of suggestions and new land, as these trips have been effective ideas. Spring and Fall there is an Exin stimulating enthusiasm for conservation of natural beauty.

The Garden Club will make a pilgrimage in the spring to see masses of Hepaticas in bloom and which are to be protected by a Garden Committee of a Country Club which is to own the land. An effort is being made by the Garden Club to induce the Des Moines municipal officials to add a Rose Garden in Union Park, and in cooperation with the Des Moines Women's Club ( 2000 members) a lecture will be given by Mr. L. D. Tilton, of St. Louis, on "The Possibilities of Developing , the Parks and Natural Waterways". One of the most important plans for the current year is to entertain all the guests attending the National Peony Show with a picnic supper and evening at the extensive estate of Mr D. S. Chamberlain. Mr. Chamberlain's sister, Miss I. Chamberlain, is a member of the Garden Club and a specialist in Peonies, of which a large number of choicest varieties are planted on the grounds of her home, "Westchester", M Chamberlain's place,

## stomington, ct

THE Garden Club of Stonington, Ct., was started in September, 1921, in order to bring a small group of flower lovers together, informally, to consider mutual garden problems and to gather inspiration from association. All organization has been avoided, and there are no dues. The Chairman of the Club is Mrs. C. M. Williams, of New York, and Stonington, who calls the meetings. There are thirty-six members drawn from the resident and summer population, who meet at the Community House every three weeks from June to September, inclusive. Occasionally, there is a lecture, Miss Marion Coffin, the landscape architect, having addressed the Club in 1921; and in September, 1923, a paper on The Way to the Good Small Garden was read, which was rented from the "General Federation of Women's Clubs". Usually, after a little necessary business and discussion, there is a show, or a visit is paid to some garden. In 1923 the shows were of seedlings in June, Roses in July, vegetables in August and Dahlias in September. Also, on September 17th, an exhibit was arranged of autumn leaves and berries, one member collecting 59 varieties of wild flowers still in bloom. A competition in table decoration was held in July, a Junior Class for children being included, and the prizes, contributed by members, were awarded for the most successful color scheme

## COLUMBIA, MO

THE Garden Club of Columbia Missouri, the President of which is Mrs. James Gordon, who was also the founder, was organized in June, 1918, by eight women. After the original meeting an invitation was extended, through the local press, to every one interested in growing flowers to join the Garden Club. The aim is stated to be the uniting of the members to "work together in a spirit of helpfulness and cooperation", in order to "stimulate public taste" and to make the "lawns, gardens and parkings more attractive". There are now nearly roo members who do personal work in
plant material among the members
A Flower Show is held every year, either in June or September, in which practically all the Club takes part, and the success has been so remarkable that letters come from many parts of Missouri asking for information. A leaflet has been sent in reply, to aid in establishing other Garden Clubs. There has been an attendance of 1000 to 1200 persons each paying an admission of 25 cents. $\$ 150.00$ received from the first Show was given to the Fublic Library for the purchase of books for children. In 1919 a "lawn contest" was conducted, with fifty entries, and enthuslasm thus created effected also the adjoining yards. Cash prizes were awarded to classes based on the number of frontfeet in the lawn, improvement of which was the test for the prize. This competition was repeated a second year.
In 1923, responding to the appeal of National Garden Week, it was decided the most useful effort towards a State Beautiful would be for members to enlist the enthusiastic interest of the rising generation. Accordingly a Junior Lawn Contest was planned, offering cash prizes to boys and girls, between ten and fifteen years of age, for the "best kept backyard and garden combined", and 2600 packets of seeds, from one of the most reliable dealers, were given by the Garden Club to 150 children, who were organized into a Junior Garden Club, with the slogan, Make Columbia the prettiest City in the State!" The result of these contests has been increased civic pride, and the hope of the Garden Club is that Columbia may become as noted for its beauty as for the educational opportunities it offers through the State University and two junior colleges for girls.

## WESTWOOD, N. J.

THE Garden Club of Westwood, N. J. whose president is Mr. Robert W. Dye, wasfounded in 1916 by a"small group of home gardeners" and is comprised of thirty members, their annual dues being $\$ 2.50$. Meetings are held once a month, in the evening, at the homes of members, and refreshments are served. The programs have formerly been composed mostly of papers by members, but now a professional speaker, usually, presents some timely horticultural topic to the Club, which has enjoyed the cooperation of the New Jersey State Agricultural College, through the Farm Demonstrator for Bergen County, Mr. N. Raymond Stone. Mr. Stone has given three lectures, with demonstrations on pruning various kinds of fruit trees in members' gardens. The public was welcomed on these occisions, and guests may be invited to other meetings. Some of the members of the Club have Snowdreps and Scilla, and most of their gardens contain Narcissi and Tulips, which are judged in a Eulb Contest, the gardens being inspected during the succession of bloom and awards made for arrangement of planting and for number of bulbs. A Tune Contest for gardens of perennials is also conducted. Mrs. Charles T. Stran, (formerly President for four years) and many others in the Club growing Peonies, Jris, and Roses. The judge comes from outside the town and decides the awards on points of neatness, arrangement and cultivation of the gardens.


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