August 1922

Household Equipment Number

Conde Nast Publisher
"Standard"
PLUMBING FIXTURES

Write for Catalogue
HOMES

There is nothing more helpful to a Community and for the betterment of Citizenship than Home Ownership.

HOME: A word that holds charm for millions.

It is the word that rings in the ears of heartick boys and girls after they have left small towns and have come to the City in search of fame and fortune.

It and one other word—Mother—combine to halt the wayward steps of man and maid among the bright lights of life’s highway.

Home is the cradle of our joys and the surcease of our griefs.

Home is not a mere house but rather a place where we may keep tryst with the day dreams of our youth, with the memories of our old age.

The thousands of young couples to get started on the right path through life should build their own houses, and when their houses are finished and furnished their task will be to build their homes—Institutions whose principles are founded not upon blueprints, but rather upon kindness and unselfishness and patience and good-will and love. Homes are builded not alone by hands.

An interesting booklet “Bishopric For All Time and Clime” illustrated with photographs of beautiful houses built with Bishopric stucco, plaster and sheathing units will be mailed you free upon request to

THE BISHOPRIC MFG. CO.
605 East Avenue, Cincinnati, O.

Factories: Cincinnati, O. and Ottawa, Canada.
New York City address: 2848 Grand Central Terminal.
ON the curves of the nation's highways are being painted "Keep to the right" signals—curves doubly dangerous in wet weather.

On these curves the Vacuum Cup Tread, with its *grip-hold-letgo* principle of suction, holds your car unswerving, unskidding on the wet, slippery pavement.

In addition to this safety, you get the utmost mileage service from the duplex tread construction of Vacuum Cup Tires—the regular, thicker, extra ply tread plus the tread of hundreds of sturdy Vacuum Cups on every Vacuum Cup Tire.

**Pennsylvania Rubber Co. of America, Inc.**

*Jeannette, Pa.*

Branches and Service Agencies Throughout the World

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**Pennsylvania Vacuum Cup CORD TIRES**

Now Cost No More Than Ordinary Makes
Coach making with Studebaker is a tradition that dates back to the building of inaugural carriages for Lincoln and Grant. That is why the Studebaker Big-Six Sedan, detail for detail, is comparable only to America's finest cars.

In the luxury of its upholstery and finish, in the good taste and convenience of its appointments, you will find no better examples of bodywork.

Four wide-opening doors make access easy. Extra wide windows of heavy plate glass give full vision or ventilation. Massive headlights, artistic coach lamps and the courtesy light at the side add to utility as well as distinction. The same master key locks transmission and ignition.

High prices do not necessarily mean fine cars, because prices are not based upon intrinsic values but upon production costs of individual makers, which vary widely according to their ability and manufacturing facilities.

With $70,000,000 of actual net assets, including $36,000,000 of plant facilities, Studebaker stands unsurpassed in ability and resources to manufacture economically and give the greatest intrinsic value possible for a given price.

Studebaker

THIS IS A STUDEBAKER YEAR
Mail the Coupon!

"Building With Assurance" is for earnest home lovers only. Our beautiful prospectus tells all about it, reproduces actual pages, etc. It also explains how you may secure a copy of the Master Book. The prospectus we will gladly send to those who mail the coupon.

Address Nearest Office, Dept. A-8
Morgan Millwork Co.
Baltimore, Md.

Morgan Sash & Door Co.
Chicago, Ill.

Morgan Company
Oshkosh, Wis.

Gentlemen:
Please send me at once copy of your beautiful Free Prospectus, which describes "Building With Assurance."

Name
Address
Town
State

Built after many years' experience this great book is a guiding star for home builders.

In "Building With Assurance" you find practically everything you should know about building. For instance, you find many illustrations of charming modern bungalows, cottages, dwellings, etc., with floor plans. These help you select a type. Then there is a wealth of beautiful interiors, stairways, living rooms, fire-places, dining rooms, etc., in Colonial, English, Dutch, Modern and other types of architecture.


MORGAN WOODWORK ORGANIZATION

"MORGAN QUALITY"
STANDARDIZED WOODWORK
Security - YALE

YOU don't put locks and hardware on the doors of your home for ornament alone. They should have a decorative value, of course, but above all else locks should protect you and your family. You put locks on your doors to keep out intruders—to keep them out for your lifetime and more.

Every notable advance in lock construction in the past fifty years has been made by YALE. And Yale has blazed the way in every detail of careful painstaking workmanship.

Yale hardware designs are correct, of course. They harmonize perfectly and unobtrusively with the architectural treatment of your home. Yale escutcheon plates of heavy bronze or brass, like Yale locks, last for your lifetime and your children’s.

There is but one way of getting Yale—be sure the name is plainly in evidence—on the lock and on the key. It is on everything made by YALE.

Correct Design—a foregone conclusion

YALE MADE IS YALE MARKED

The Yale & Towne Manufacturing Co.
Stamford, Conn., U. S. A.
Canadian works at St. Catharines, Ont.

Yale products for sale by the hardware trade everywhere

Padlocks, Night Latches, Dead Locks, Builders' Locks and Trim, Cabinet Locks, Trunk Locks
Door Closers, Bank Locks, Prison Locks, Electric Industrial Trucks, Chain Blocks, Electric Hoists
SIX-ROOM HOUSE NO. 613

This six-room bungalow is one of the ninety-two designs in our "Face Brick Bungalow and Small House Plans." Note the size of the rooms and their convenient arrangement, the careful placing of the large windows to provide plenty of sunlight and ventilation, as well as the dignity and beauty of the exterior.

The Popularity of the Face Brick House

Why is it that you see so many more Face Brick houses being built than ever before? The answer is simple.

All over the country thoughtful builders are finding that a beautiful Face Brick house—whether large or small—is not beyond their means; that it is, as a matter of fact, the most economical house they can build.

The economy of the Face Brick house lies in the many savings it effects after it is built—slow depreciation, no repair bills, painting only around doors and windows, low insurance rates and smaller fuel bills; not to mention the economic value of fire-safety, comfort and beauty. These savings, in a few years, more than wipe out the slightly higher first cost of the Face Brick house over less durable and less beautiful materials.

"The Story of Brick," an artistic booklet with numerous illustrations, discusses these matters in detail. It has much helpful information for all who intend to build. Sent free.

"Face Brick Bungalow and Small House Plans" are issued in four booklets, showing 3 to 4-room houses, 5-room houses, 6-room houses and 7 to 8-room houses, in all ninety-two, each reversible with a different exterior design. These designs are unusual and distinctive, combined with convenient interiors and economical construction. The entire set for one dollar. Any one of the booklets, 25 cents, preferably in stamps.

We have the complete working drawings, specifications and masonry quantity estimates at nominal prices. Select from the booklets the designs you like best and order the plans, even if you are not going to build now, for their study will be not only interesting and instructive, but helpful in formulating your future plans for a home.

You may want "The Home of Beauty," fifty designs, mostly two stories, representing a wide variety of architectural styles and floor plans. Sent for 50 cents in stamps. We also distribute complete working drawings, specifications and quantity estimates for these houses at nominal prices.

Address, American Face Brick Association, 1721 Peoples Life Building, Chicago, Illinois.
August, 1922

Better living in the country—with Electricity—no Storage Batteries

This compact plant combines, exclusively, the following features of simplicity, convenience and economy: (1) no storage batteries, (2) automatic start and stop, (3) automatic governor tapering fuel to current being used, (4) standard 110 volt electricity, (5) 1500 watt capacity.

"Out, away from the clangor and jam of the city... where the skies are blue and the air is sweet and clean... nearer the life that Nature intended Man to enjoy... and yet, with all of the comforts and advantages of home life in town... this has been made possible by the magic of Electricity..."

The Kohler Automatic Power and Light Plant brings to the far-away places the reliable, efficient service of standard "city" electricity.

Steady, bright light, plenty of it, for the household, yard and outbuildings.

Capable, dependable electrical power for washing, cleaning, ironing and running water for the bathroom, laundry and kitchen.

The Kohler Automatic Power and Light Plant works automatically—a turn of any switch starts or stops the engine and the generation of electricity.

And this current is 110 volt electricity, up to 1500 watts (2 electrical horsepower).

This means that the Kohler Automatic uses "city" appliances. You can use the same appliances you have been in the habit of using in town.

The Kohler Automatic has no storage batteries.

All of the electrical current generated thus is delivered directly to the point of use—gets to its work in its original intensity and vigor.

The four-cylinder engine is quiet and reliable, requiring the minimum of attention and adjustment. An automatic governor regulates the consumption of gasoline to the electricity used.

If you are thinking of installing a power and light plant, as so many owners of country places now are, be sure you see the Kohler Automatic.

It gives you electricity in its most useful, most reliable form.

The price of the Kohler is only $595 complete, no more than you are asked for ordinary plants which lack the Kohler's exclusive features. Price includes 55-gallon gasoline tank. Convenient time payments can be arranged.

Send for illustrated booklet. Dealers, write or wire today.

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Kohler Co., Founded 1873, Kohler, Wisconsin
Shipping Point, Sheboygan, Wisconsin

BRANCHES IN PRINCIPAL CITIES

MANUFACTURERS OF ENAMELED PLUMBING WARE AND KOHLER AUTOMATIC POWER AND LIGHT 110 VOLT D. C.
When the Plumbing and Heating Equipment Arrives

for your new home you will be impressed by the number of necessary details, and the manner in which one depends upon another.

You will see the wisdom of having every feature reliable in manufacture as well as appropriate in design and attractive in appearance.

CRANE SERVICE

puts your entire plumbing and heating installations on that basis of quality-insured dependability.

Crane quality in your bathroom, kitchen, pantry and laundry equipment, and throughout your heating installation, will give you a comforting sense of security and growing appreciation in the years to come.

It is easy to obtain, too. The nearest Crane Exhibit Room, Branch or Office is ready today to supply your complete installations.

CRANE CO.

836 SO. MICHIGAN AVENUE, CHICAGO

NATIONAL EXHIBIT ROOMS: CHICAGO - NEW YORK - ATLANTIC CITY

Branches and Sales Offices in More than 100 Cities

WORKS: CHICAGO - BRIDGEPORT
YOU can now secure complete plans and specifications for this remarkable Brick home—declared by experts to be the finest of its class in America.

This home will appeal to all because it is not only unusually artistic, but also thoroughly practical and most economical—as discussed in the adjacent column.

Send for free circular No. 705 showing alternate floor plans and giving complete details.

**Hiawatha's Cost**

**Within Your Reach**

This home can be built of Brick (solid masonry) for as low as from $9,000 to $13,000, depending upon location and the character of equipment and finish.

Any good contractor after seeing the plans in circular No. 705 should be able to give you an estimate of its cost in your community. With the complete plans—working drawings—and specifications which are yours at nominal cost, he can tell you exactly what he will charge to build this home for you.

**Costs Even Less**

**With Ideal Wall**

When this home was first built, the Ideal Brick Hollow Wall was unknown. Its recent development makes possible the building of this Brick home for even less than the above figures. With the Ideal Wall you obtain all the advantages of solid masonry construction at a saving of $5 in cost.

The Ideal Wall is thoroughly described in “Brick, How to Build and Estimate”—a 72-page manual of vital information for those planning to build and for contractors. Only 25 cents postpaid.

The Hiawatha is one of a wide variety of Brick house designs shown in that fascinating volume, “Brick for the Average Man’s Home”. Every one of these designs is by a competent architect. Here you will find a host of homes illustrated and described, together with much helpful information.

The nominal price of $1.00 is to cover printing and distribution costs only.

$1.25 brings both books. Address The Common Brick Industry of America 2128 Cleveland Discount Building, Cleveland, O.
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Before Quarantine 37 became effective, we imported a large and choice selection of AMERICAN HEMLOCK and KOSTER'S BLUE SPRUCE. Grown in our rugged New England climate, with ample space, and expert care, these trees have developed into bushy, symmetrical specimens with brilliant coloring and vigorous root system. Each tree will be packed for shipment with a large ball of earth, carefully burlapped, F.O.B. railroad or express station, Ridgefield, Conn.

Koster's Blue Spruce

Picea Pungens Kosterii

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American Hemlock

Tsuga Canadensis

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Prices on larger sizes or in quantities on application.

Everything of the highest quality from trees to herbaceous perennials. Catalog.

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Danbury Road Ridgefield Conn.
Frigidaire Adds the Fine Touch to Hospitality

**Frigidaire**, the electric refrigerator, not only gives you a convenient, healthful, perfect refrigeration in your home, but also adds the fine touch to the hospitality your guests enjoy.

At luncheon or tea or dinner the dishes you serve will have a new freshness, a new delicacy of flavor.

The lettuce, meats and fruits composing your salads will be firm, crisp and frosty-cold.

There will be delicious new desserts—ices, creams, sherbets, frozen puddings—all of them made easily and quickly with Frigidaire.

There will be sparkling, crystal ice cubes for every glass—frozen for you by Frigidaire.

Everything that should be cold will be cold—much colder than is possible with ice box refrigeration.

Frigidaire chills and preserves food with cold, dry air. It eliminates the annoyance of an outside ice supply, is perfectly sanitary, entirely automatic in action, and thoroughly dependable. And yet, with all of these advantages, it will probably cost you less to operate than you now pay for ice.

You should have Frigidaire now—this summer. It can be installed in a few hours' time, and its cost at the new prices, is remarkably low.

Write today for the Frigidaire booklet.

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Also manufacturers of the famous Delco-Light Farm Electric Plant, the Delco-Light Water System, and the Delco-Light Washing Machine.
Kirsch Curtain Rods
The Perfect Fixtures for Window Drapings

The Kirsch flat construction gives un­
iform strength, insures neat, artistic dropin­
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gracefully erect without artificial stiffening.

Flat in Shape—No Sag
Velvetone Finish—no rust or tarnish

Kirsch Curtain Rods are easy to work with and show off your
curtains and drapes to best advantage. The patented Kirsch
brackets are strong, simple, easy to install
and thoroughly practical. Rods go on or
off brackets with ease and safety, yet can't
come down accidentally.

Kirsch Curtain Rods come in lasting Velvetone
brass or Velvetone white finish—single, double
or triple—extension style or cut to fit—for any
kind of windows.

Sold by better dealers everywhere.

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KIRSCH MFG. CO. of CANADA, Ltd.
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Single, Double, Triple—for Any Effects

The patented Kirsch bracket is simple and
strong. Rod easily attached or removed
by hand. Can't come off accidentally.

Bracket and End of
double, or for curtain
and valance—side drapes
and valance.

Bracket and End of
triple rod—for cur­
tains, side drapes,
valance. This
rod used in window
at center of group.

Remember to ask for Kirsch
The Original Flat Curtain Rod

Why Architects
Urge Brass Pipe

Because it endures—Anaconda Brass Pipe will not split. Water will not
rust it. It will not clog or leak. Mon­
ey spent in tearing out and replacing
inferior, corroding pipe is saved.

Because it insures—rugs and fur­
nishings are safe from stains of leak­
ing water. Ceilings will not fall or be
made unsightly. You will be spared
the annoyance of dribbling water
caused by rust clogged pipes or rusty
water in your bathtub. No fear of
torn out walls and ripped up floors.
None of the confusion and expense
that follows in the footsteps of the
repair man.

And the cost is almost negligible.
Less than 1 per cent of your building
cost will cover the added cost of Ana­
conda Brass Pipe. The difference is
only $7.50 for a $15,000 house.

Write for our new booklet "Ten
Years Hence" which tells how to
save on your plumbing. It is free.

THE AMERICAN BRASS COMPANY
GENERAL OFFICES, WATERBURY, CONN.
MILLS AND FACTORIES
Ansonia, Conn. Torrington, Conn. Waterbury, Conn. Buffalo, N.Y. Kenosha, Wis.
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ANACONDA
BRASS PIPE
Safeguard Your Home by Making it Beautiful

CEMENT and stucco homes are made beautiful with Bay State. And they are made waterproof, too! This master coating stands alone in the double service it offers.

The beauty of Bay State changes the drab, uneven color of cement or stucco to a pure, rich white or one of many delightful tints. But Bay State is more than a surface finish. It sinks into every pore and crevice. It seals a wall permanently against dampness. Not even the hardest rain can beat through a coating of Bay State.

Old homes as well as new need Bay State. On ageing homes it stops the ravages of time, and brings back the newness of youth.

Bay State Brick and Cement Coating comes in a complete range of colors and white. Samples of your favorite tints will gladly be sent you at your request. Write for them and for Booklet No. 2, which shows how beautiful many homes have been made with Bay State.

WADSWORTH, HOWLAND & CO., Inc. Paint and Varnish Makers BOSTON, MASS.

Bay State Brick and Cement Coating

Hot Water! Instantly, Economically

THOSE four words comprise a telegraphic message of Hoffman Water Heater service to every home. Hot Water—the most used home comfort! Instantly—no waiting any time of day or night! Economically—the greatest home convenience at a remarkably low cost!

This new book, which you may have if you send the coupon, contains exceptionally important information for those who have gas available. Read the woman's side of the question. See what a man learned about home work. Get the facts about the right Hoffman for your home—"the heater with 77 less parts."

Just fill out the coupon and mail it to us. You will be glad you did.

HOFFMAN Instantaneous Automatic Water Heaters For All Homes Using Gas

The Hoffman Heater Co. is an independent organization, not affiliated with any other heater company paying no royalties.

THE HOFFMAN HEATER COMPANY 1682 Oberlin Avenue, Lorain, Ohio

Please send me your new "Three Books in One" including full information about Hoffman Water Heaters.

Name

Street

City

State
Ball Room Beauty
for any floor in your home

Maple is the accepted floor for dancing. The glass-like polish which it naturally takes is increased by friction. Its hard, tough, close-grained texture shows no wear.

And who can forget its beauty? How often, as in a mirror, have you seen each attractive detail of the ball room enhanced by the glistening surface of this flooring?

Floor with Maple when you build, and have the ideal floor for dancing when you want it—and the lustre of the ball room floor always with you. In home or apartment, Maple is the coming flooring. In office, church, school, public or industrial buildings, it has long been the choice of owners and architects.

No Bathroom is Complete Without a
Hess White Steel Medicine Cabinet or Lavatory Mirror

Coated inside and out with the best grade of SNOW WHITE baked enamel. This mark guarantees it everlastingl against cracking, blistering or flaking.

Your money back if you are not pleased. Five sizes—three styles. If your dealer is not yet supplied, write us direct.

HESS WARMING & VENTILATING CO.

1223 Tacoma Bldg., Chicago

Manufacturers of HESS WELDED STEEL FURNACES.
August, 1922

Anche, Edward R., Caldwell, Jr., Bridgeport, Conn., use variegated colors of "CREO-DIPT" stained Shingles on roof and side walls, for Dr. George W. Hawley, Bridgeport, Conn.

White—Gray—Green—and Black

Such daring use of colors on side walls and roof would not be possible with any other building material. "CREO-DIPT" Stained Shingles, because of their soft tones that blend, give results that are distinctive and pleasing. The side-wall shingles are laid with wide exposure, which means a decided economy of material. The roof has the same colors in 16-inch shingles with the addition of reds and yellows. The whole effect is softened by a gray stain which gives soft, velvety surfaces.

Many variegated color effects have been secured by the foremost architects in their use of "CREO-DIPT" Stained Shingles. Ask your architect about the "CREO-DIPT" Stained Shingles, because of their soft tones that blend, give results that are distinctive and pleasing.

Will Your New Home Be truly Modern?

You wouldn't build a fine house and install an old fashioned stove in it to supply the heat. Yet this would be no more out of place than to erect a modern residence without equipping it with a Kernerator—the approved system of garbage disposal found in so many of the better homes built during the past decade.

The Kernerator is a brick incinerator, built in the base of the chimney when the house is erected. It takes care of all household waste—rags, sweepings, wilted flowers, broken crockery, tin cans, garbage. This material is dropped into the handy hopper door, located on the first floor in the flue, and it falls into the brick incinerator in the basement. At intervals it is lighted and burns itself up without odor. Non-combustibles are dried and sterilized and later dropped into the ashpit. The Kernerator costs nothing to operate since no fuel is required for fuel.

Ask your architect about the Kernerator and write for an interesting booklet we have just prepared, showing some of the fine homes in which it has been installed.

Kerner Incinerator Co.
1025 Chestnut St.
Milwaukee, Wis.

You Can Enjoy Soft Water from every faucet in your house

No matter how hard, how unsatisfactory your present water supply is, a Permutit Water Softener will give you a steady flow of delightful, soft water from every faucet in your house for about 6 cents per day. It is entirely automatic, with nothing to get out of order. No chemicals are used and it operates at regular city pressure without any additional pumps or motors.

Permutit material possesses the wonderful property of abstracting all hardness from water that is passed through it. From time to time it is regenerated by adding common cooking salt, and that is absolutely all the operating expense there is. You just dump some salt into the softener and let the water run through it into the sewer for a few minutes. No salt is carried into your house lines and the Permutit is made absolutely as fresh as new.

Thousands are in daily use everywhere—hundreds of doctors have Permutit in their homes.

Ask for our free booklet, "Soft Water in Every Home."

The Permutit Company
440 Fourth Ave., New York

From Manse to Mansion With Delightful Comfort

Many seem to have the idea that large houses preclude the use of the Farquhar Heating System. Our files offer convincing evidence to the contrary.

Of course, this misconception comes from a confusion of heating methods, just as "warm air" means "hot air" to so many. Home owners are entitled to the truth.
See Historic Quebec

The all-water trip to Montreal, Quebec and the Saguenay River is one of the grandest trips in America for health and recreation. Every hour of this inland water journey has its revelation of grandeur and historic interest—Niagara, the sublime; Toronto, the Queen City of Canada; the fairylike Thousand Islands; the thrilling descent of the marvelous rapids; the great Canadian Metropolis, Montreal; the miracle-working shrine of Ste. Anne de Beaupré; the stupendous Capes "Trinity" and "Eternity"—higher than Gibraltar—on the Saguenay River are all on this route.

A Thousand Miles of Travel—
A Thousand Thrills of Pleasure

Send 5c postage for illustrated booklet "Niagara to the Sea" to
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Big cool resorts in the country, luxurious seaside retreats, little inns tucked away in New England, or picturesque camps a mile high with a glacier for a refrigerator—the Travel Bureau knows them all.

Adirondacks       Maine
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The Travel Bureau will not only help you to choose a resort but will make the actual reservations for you—railway, steamship, or hotel—and make them promptly and accurately.

The Nast International Travel Bureau
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New York City

Do you like the big gay metropolitan hotel, or the little exclusive hotel?
Do you want a hotel for week-ends in the country or by the sea?
Or a hotel within motor-distance for dinner?

Write or consult

THE NAST INTERNATIONAL TRAVEL BUREAU
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New York City
Havana the metropolis of the Caribbean, alluringly Spanish, the most light-hearted city in the Western World—
The Panama Canal America's proudest engineering feat, with its huge locks and monstrous "oats"—
Kilauea Hawaii's active volcano whose sheets of flame and lava fountains may be seen in safety from the very crater's rim—
Tokyo the bright capital of Japan, one of the world's four pre-eminent capitals, essentially modern, yet delightfully fantastic—
Shanghai and Hong Kong the "Open Doors" to China, engrossing combinations of Western progress and Asiatic antiquity—
Manila our Far Eastern outpost, our most important colonial city, a significant factor in our participation in world politics—
Zamboanga the capital of Mindanao, the city of the Sultan of Sulu. Long the rallying point of Christians warring on Mohammedan pirates—now the home of many fantastic Oriental races—
Batavia in Java, Holland's stronghold in the Orient, a city of many races, over which broods the mystery of the East—
Rangoon "on the road to Mandalay," the colorful port of Burma, country of elephants and incredible pagodas—
Calcutta the capital of Bengal on the sacred Ganges, indescribable with its temples, its "ghats" and its Indian splendor—
Colombo and Kandy in Ceylon the "Paradise of the Tropics" an isle of luxuriant jungles and picturesque natives—
Bombay India's mighty port on the Arabian Sea, with its magnificent public buildings, its weird "Towers of Silence," its "Elephanta" temple—
The Suez Canal the other man-made link in the world-route and its two famous termini—Suez and Shanghai—Port Said—
Cairo in Egypt, Islam's second largest city, on the edge of the Sahara, hard by the age-old Sphinx and the towering Pyramids—
Naples basking beneath Vesuvius, happy, brilliant and noisy; the brightest city in all Southern Italy—
Monte Carlo, "dedicated to the goddess of chance," the most spectacular spot on the luxuriantly beautiful Riviera—

With exact and long-standing knowledge of the requirements and ideals of discriminating American travelers we have carefully planned the schedules and routes of these two Round-the-World Cruises to make them "The Best in Travel." The efficiency and adeptness of our Cruise Managers materially augment the comprehensiveness and perfection of the itineraries.

The illustrated booklet which we have prepared contains complete information regarding both of these Cruises. We shall be glad to send you a copy upon request.

Mediterranean Cruise

A perfectly delightful Winter Cruise leaving New York February 10, 1923. Sailing on the S. S. "Rotterdam"—one of the most popular trans-Atlantic liners. An ideal ship covering an ideal route. The carefully planned schedule includes the Azores, Madeira, Cadiz, Gibraltar, Corsica, Naples, Athens, Holy Land, Egypt, Monte Carlo. Our Illustrated Booklet sent upon request.

Rio World's Fair Cruise

Devised particularly to include a generous visit to the Brazilian Centennial Exposition. To be the most brilliant Exposition ever held in Latin America. The unusually attractive itinerary includes the tropical Caribbean, the Canal Zone and thriving South American ports. St. Thomas, our newest colony (in the Leeward Islands) is visited en route. Booklet upon request.
**THE DOG MART**

**FREE DOG BOOK**

Bred from the very best Imported strains. Puppies ready for shipment. Prices reasonable

**For sale**

**COCKER SPANIELS**

Pups and mature dogs at all times.

G. B. Dimon, Nomad Kennels, Reg.

Chesnut Hill, Conn. 4223

**WIRE-HAIRED FOX TERRIERS**

**HE ALMOST SPEAKS**

That's what folks say when they see one of my portraits of "Bim" a hand-some Boston terrier. Hand painted in oil, attractively framed. Not a print.

**PEKINGESE**

Largest, most beautiful and best
tasting dogs in America.

All ages and colors. Chichi "Roose" Dogs and puppies, Champion bred.

Some as low as $25

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The Good

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READERS often ask us, "Where do you get all the pictures you show in HOUSE & GARDEN?" And we usually answer, "Oh, we pick 'em up here and there." But that is only a gentle bluff, because we have to pick up something like over a hundred pictures for each issue and good pictures do not grow on every bush. It isn't just done with a flip of the hand; it's hard work and sometimes the old game of finding the needle in the haystack is tame compared with it.

For a matter of fact, from twenty-five to fifty pictures pass across this desk each day. One or two will be chosen, and tucked away as the nucleus for a group. Scouts in a dozen different countries and from almost every State in the Union report this house and that garden which is photographable and up to our standards. A photographer "shoots" it and then maybe it isn't the sort of thing we want, so into the discard it goes and we try again.

Once in a while—once in a great while—something comes unannounced and unheralded through the mails. But these occasions are rare. In the majority of cases each page or each article is deliberately schemed out and then we sail forth to find those pictures or those objects that can be photographed to illustrate it. When these objects don't exist, an artist is called in and creates them according to our plans.

But there's more to the artist's work than that.

- If all the pages of an issue were plastered with photographs, you'd be bored with them before you reached the Gardener's Calendar. We intersperse line cuts here and there as a relief to the eye. Moreover, there are many things that simply won't photograph successfully—oil stoves, for example, or sinks.

- Then after we get the pictures, what happens? They go to a layout man, and together we talk over which picture can be "played up" large and which should be "held down" small. By and by he evolves a scheme or schemes for the page. When the satisfactory one is finally chosen, the photographs are measured, the borders drawn, and the pictures started down to the engraver, which is the first step toward bringing them into the range of your eyes.

Now speaking of September, we have, on this 20th day of June, which is our birthday, delivered into the hands of the layout man an impressive stack of illustrations for that number. He likes them very much. So do we. Somehow, we believe you are going to like them too. They will arrive at the newstands August 23rd.

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and it plays music of your own choosing. The band of the great March King plays as many encores as you wish—such playing as is possible only when Victor records and Victrola instruments are used together. You can hear not only Sousa's Band, but Conway's Band, Pryor's Band, Vessella's Band, U. S. Marine Band, Garde Republicaine Band of France, Band of H. M. Coldstream Guards, Banda de Alabarderos—the greatest bands of every nation and the best music of all the kinds the whole world has to offer.

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O people who live in cities the weather is a factor that makes but little difference in their lives except when it runs to extremes. Rain or shine we rise, go to an office, work and return home. If it is clear and pleasant, perhaps our heels hit the pavement with a quicker ring; if it is raining, we have the bother of carrying an umbrella. When it snows, the city man finds peculiar delight in seeing such huge machines as trolley cars and trucks being incapacitated. Snow seems to give him more exhilaration than any other form of weather. When it rains they say, "Well, is it hot enough for you?" When the day is hot they say, "Well, is it wet enough for you?" Rather banal and unimaginative. Weather doesn't seem to get under the hides of people who live in cities, except to depress them when it rains incessantly. But in the country—

To the man who lives in the country, to the man who has a garden, the weather is a constant and inexorable influence. All his labors depend upon it. Too much or too little rain, sudden frosts, destructive winds are big and deciding factors in his life. He soon finds himself, as his interest in gardening deepens, consulting thermometers and barometers and reading weather prognostications. He will also learn queer countryside weather legends, and come to depend upon them, such as—

Rain before seven
Sun before eleven.

These old country weather jingles may not be highly scientific, but the most of them are amazingly true. Suspect rain, and what do you observe? That the leaves of the trees turn back. That the crickets' song is sharp and clear. That frogs seem to change color before a storm, turning from green to brown. That the fireflies are very bright. That marigolds close their petals. That the trees warned us, and so did the crickets' sharp cries and the sparkle of the fireflies. Sure enough, it came down, a deluge.

THE gardener soon finds that his sport is a gamble against big odds. If he wins, he wins big; if he loses—well, he has to be a good loser. He will work for a year raising, as I have done, some superb delphiniums. The best of his efforts have gone into those plants. He has dreamed of the vision that will greet his eye when those blue spikes are lifted up toward the sky. He fights for them against blight and slugs. He feeds them delicious plant foods. He waters and mulches them when it is dry. He stakes them against destructive winds. Then of a sudden comes a storm that uproots huge trees and lifts roofs from barns. It passes, and he goes out to see his flowers. The tall spikes, that but an hour ago gave such promise, lie broken and bedraggled in the mud. Next year he'll have better luck.

I have a notion (I may be wrong) that many of our folk legends and jingles have been produced as antidotes to discouragement and fear. Just as small boys keep their courage up while passing a cemetery by whistling, so do gardeners and farmers put their trust in simple rhymes and homely sayings in the hour of their defeat. They arise, after a night of rain, hopeful for a sunny day. It is still pouring. A glance at the clock on the bureau. There's still an hour to go before seven. That's good!
CONCENTRATED DECORATION

Decorative architectural detail may be scattered all over the exterior of a house or it may be concentrated in one spot. In a small house the latter course is more generally advisable. The other details may be simple and unassuming, whereas the entrance door will be emphasized by an imposing and carefully planned design. Like a woman simply dressed who wears one fine and beautiful piece of jewelry—both the frock and the jewel are richer for the contrast.

The home of E. C. J. McShane, at Great Neck, L. I., has been designed with this in mind. There is a certain austerity about the lines of the house, the shape and position of the windows, and the rough coating of the walls. Contrasting with these is the doorway—a dignified Georgian design with fluted pilasters and arch pediment, broken to make room for the traditional and beautiful pineapple ornament.

Chester A. Patterson was the architect.
Some of the Romance and Color of Old-Fashioned Kitchens
Should Be Used to Enliven the Kitchens of Today

RUBY ROSS GOODNOW

WHEN I think of my grandmother's kitchen, I am convinced that it has an eternal spirit, a warm, fragrant, comfortable spirit that will go on forever. I cannot associate modern conveniences with its deep shadows, its worn boards, its beams hung with red peppers and herbs. When I realize that old Aunt Cherry, the black mammy who gave me cake bowls to scrape when I was a little girl, is still the mistress of that old kitchen I am reassured of the rewards of life. I am a little girl again, sitting under the big table eating my own special cake, cooked in an egg shell, or trying to help Aunt Cherry churn, or sitting on the steps shelling peas and listening to stories of Uncle Remus. It is wonderful to realize that dozens of us grandchildren and great grandchildren have breathed in the simplicities of that old kitchen, and dozens of children before us. The march of fashion in house furnishings, of ingenuity in equipment, has touched it very gently. Aunt Cherry is still supreme and prefers to do things in her own way.

In the South the kitchens of old-fashioned houses were detached buildings, small empires ruled by tyrannical but gentle colored women who directed the constant and countless industries of the family. Work never ceased in the kitchen, but it was leisurely work with an accompaniment of tranquil songs and a pervading aroma of heavenly smells.
An Adam cupboard, which has a surprising variety of colors—several delicate blues without and a candy pink within—is the main object in the kitchen of this New York home.

eyes. A huge one-room house outside the walls of Toledo, in Spain, where one corner was the kitchen, another the dining room, and the rest the living quarters of the family. Here we ate little green olives cooked with fresh peas, and drank sparkling white wine called Diamante. There was a very sophisticated kitchen in an apartment in Paris, with tiled floor, and beautiful Regence woodwork, evidently a fine boudoir a hundred years ago. And there have been so many shining white-and-metal city ones, young honeymoon kitchens in New York, and austere great-aunt kitchens in New England, but never one so precious to me as the old lady kitchen on our Georgia plantation.

Now that our architects are coming inside our houses and concerning themselves with bathrooms and kitchens as well as roof lines and façades, we have opportunities to evolve fascinating kitchens which reflect the period of the house. What could be more remote...
This compact apartment kitchen trusts to white paint and navy blue and white gingham for distinction. It is modern, sanitary and convenient, and still a picturesque place from an old custom of placing the kitchen as far away from the front door as possible than our new architectural trick of placing the kitchen spang beside the front door?

The New York fashion of turning the front room on the ground floor into the kitchen is a very sensible one, and also a very uplifting one, because then it must live up to its position.

A house in Sutton Place recently remodeled by Miss Elizabeth Marbury has a dignified Georgian façade of light gray stone, and a red lacquered front door. As important a detail of the façade as the entrance door is the treatment of the kitchen windows. They are hung with curtains of gingham of bold red and white checks. One longs to go into the kitchen the moment one enters the hallway of this charming house, and that is as it should be, for the red check curtains are but indications of the English kitchen within. The oak paneled dining (Continued on page 94)

To take the ultra-modern curse off an up-to-date kitchen, install some interesting china cupboards, such as this corner piece of Colonial design. It can be painted brilliant colors.
In a city garden and especially against the warm background of brick walls, it is advisable to have shrubbery that remains green the year round. In the garden of Mrs. Harry H. Duryea it is used with good effect to bank the entrance to the studio and serves to enhance the charming statues done by Mrs. Duryea. This green effect survives the smoke, dirt and scant sunlight of a New York backyard.

PLANTS FOR A GREEN CITY GARDEN

Although Sunlight Is Restricted Quite An Interesting List Can be Maintained Throughout the Year

MINGA POPE DURYEA

NOTHING is more delightful on a bleak winter's day than to look out into a charming green garden where once gleamed a white backyard fence with a few drear leaves and twigs about. This pleasurable sensation can only be enjoyed by choosing plants that remain green.

In the spring my city garden is a thing of delight. Against the deep green of rhododendron leaves and dwarf holly gleam the crocuses and daffodils. Then come narcissus and tulip trees, in fact, almost all the shrubs that thrive in a country garden if given proper care will live in the city provided they are not in the midst of smoke and dirt.

I can especially recommend the Japanese yew as being the most satisfactory shrub for a city garden. The rhododendron and Abies Nordmanniana are lovely in color and have proven successful. I still maintain, however, that the most satisfactory garden is the green one, as this may be enjoyed throughout the year.

Do not forget the vines when you are planning a city garden. They do very well, the hardiest and most satisfactory being wistaria and Virginia creeper. Tree ivy with its lovely white blossoms in August and blue berries in the fall is too picturesque to be neglected. I can also recommend the hardy ivy tree.

The best way to make a green city garden thrive is to add each year some rich soil mixed with rotted manure.

The shrubs which will keep green all winter and still be beautiful during the summer are: Japanese yew, rhododendrons, Abies Nordmanniana, wistaria, Japanese ivy, dwarf arborvitae, box, holly, Ilex verticillata, Euonymus radicans, actinidia, dianthus, German iris, yucca, kalmia, Ilex crenata, Leucothoe, Scotch pine, retinospora squarrosa.

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How effective a small space can be made is shown in this view of the terrace of Mrs. Harry H. Durand's garden in New York City. The cool green of shrubbery, urns with flowering plants and picturesque garden furniture make it an ideal spot for the summer months.

Corners can be made spots of vivid interest if the shrubbery is so placed as to silhouette a graceful statue.

In planning a city garden leave enough space for a brick or flagstone walk. Both are used here.
MEALS THAT ARE EASILY EATEN

Knowledge of Foods, Imagination in Serving Them and Proper Kitchen Equipment Are Three Essentials for This Achievement

SARAH FIELD SPLINT

THERE is a lovely house in the country to which I am sometimes asked, a cheerful, spacious place with children and a flower garden and a view of distant blue mountains, all three of which greet my grateful eyes when I sit down to breakfast each morning. To me this first meal of the day would be an event even if the food were commonplace. But it never is. The mistress of the house is a strategist who not only decides what she wants her family to eat but cannily sees to it that they eat it.

Perhaps strawberries are our portion some fine June morning. The luscious red fruit, still proudly wearing its green caps, are at our places when we come down, heaped on a gray green grape leaf, beside them a mound of glistening white sugar. Later I watch the children actually devouring their carrot chips because...as no plain round cookie possibly could. I find the aversion to their iron constitutions and their unalterable satisfaction with the old order. To cover the ugly brown of kitchen walls and woodwork with paint of a lighter hue, to substitute a gayly patterned linoleum for the brown figured one, to retire the faithful old cook to a position of less responsibility and replace her with a well-trained younger woman would seem to them a trivial and unnecessary proceeding. They will continue as they began, unimaginative, sublimely indifferent to advancing aduardupous and inertia.

A young bride whom I know says she thinks of her meal planning as a game in which she wins or loses points. Her object is, of course, to advance her peerless young husband to the dizziest heights of success and to reach them he must eat everything she orders for him. He should go far if he carries off his share of the responsibility as well as his wife does hers, judging by a Sunday night supper I recently had at their apartment. There were delectable looking sweetbread canapes at our place when we sat down, whose taste proved to be as good as their looks; then came scalloped oysters piping hot with hot biscuit and a vegetable salad in which I quite openly counted thirteen ingredients all charmingly arranged in an enchanting blue shirred-egg dish, sizzling hot and adorned with a sprinkling of finely chopped parsley. Simple as these decoys are, they trap us, children and grown-ups alike, into eating what is good for us. And, between meals, we consume sweet wholesome cookies instead of candy because the thin, crisp hearts and stars, crescents and oblongs, rings and twists tempt us as no plain round cookie possibly could. I find the aversion formed in my own childhood for rice and tapioca puddings, custards and similar you-must-eat-it-cause-it's-good-for-you-dishes as no plain round cookie possibly could. I find the aversion formed in my own childhood for rice and tapioca puddings, custards and similar you-must-eat-it-cause-it's-good-for-you-dishes gradually disappearing under the beguiling influence of cherry and nut, meringue, and whipped cream garnishings. As for spinach, I view its appearance three times in one week with pleased interest, having followed it from its bed in the orderly vegetable garden, through the kitchen to its final destiny of timbale. of entree, and of a delicate creamed vegetable, seasoned to perfection.

A GLANCE into the kitchen of this house gives one an immediate understanding of the success achieved in the dining-room. It is moderately large with walls of primrose yellow. The doors, trim and chairs are of delft blue. The Hudson flows in through Dutch curtained windows. A figured blue and yellow linoleum glistens on the floor. Half a dozen pieces of highly polished copper adorn the walls. Everything is spotless, including the plump cookies and capers tucked away, and I know, too, she appreciates that it makes an important contribution to the health and achievement of the family is very evident.

No greater contrast to this cheerful, convenient kitchen can be imagined than that of an old-time, brown-stone mansion in New York. From its gloomy precincts ascends nightly a dinner like this: oysters, cream of pea soup, roast beef, Yorkshire pudding, potatoes roasted in the pan, cauliflower with Hollandaise sauce, hearts of lettuce with Roquefort dressing, steamed fruit pudding and coffee. The cook, as finishing her thirtieth year of service with this one family, has planned and executed it. That her employers have survived a generation of this massive catering is due to their iron constitutions and their unalterable satisfaction with the old order. To cover the ugly brown of kitchen walls and woodwork with paint of a lighter hue, to substitute a gayly patterned linoleum for the brown figured one, to retire the faithful old cook to a position of less responsibility and replace her with a well-trained younger woman would seem to them a trivial and unnecessary proceeding. They will continue as they began, unimaginative, sublimely indifferent to advancing aduardupous and inertia.

I WONDER if most of us are not the reflection of our kitchen. We live by what it is and what proceeds from it. For it to make furnish us with wholesome, nourishing food is not enough. It must make that food so attractive that we cannot resist it. Most women to-day personally direct the menu planning in their homes and their frequent presence in the kitchen is working out with advantage to the help no less than to the family. For inconvenient equipment and dismal surroundings must go in the light of modern housekeeping which recognizes that work cannot be well done unless the mind of the worker is reasonably contented.

As the young bride says, meal planning is a game. You win if your husband and children yield to your skill by eating what you place before them. You lose if they ignore it. If they prefer a meal at home to one anywhere else, if they like active exercise and have clear eyes and skins, if they sleep well and are not over or under normal weight, then you may class yourself as a champion and greatly to be envied.

Knowledge of the laws of nutrition, then imagination to enforce them on one's family without friction or ostentation. Many books and pamphlets have been written on these subjects which can be obtained with little trouble.

And then a bright and convenient kitchen is necessary, a cooking laboratory that, under proper supervision, will yield big dividends in health, pleasure and success for the family it serves.

As the young bride says, meal planning is a game. You win if your husband and children yield to your skill by eating what you place before them. You lose if they ignore it. If they prefer a meal at home to one anywhere else, if they like active exercise and have clear eyes and skins, if they sleep well and are not over or under normal weight, then you may class yourself as a champion and greatly to be envied.
In New York and other cities the old brownstone front house is experiencing a revival of popularity because it offers so many and so varied possibilities for remodeling. Usually the high stoop is removed and the entrance placed on the ground floor. Any number of architectural styles seem suitable for the façade—Georgian and Italian adaptations being the most popular. In remodeling the New York City residence of Dr. Harold E. Mixsell, the Italian style was chosen, with cream colored stucco quoins of interesting texture and decorative wrought iron hardware, grills and railings. The front door is painted turquoise blue and the hinges black. Circular balconies give the composition an interesting play of light and shade. The architect of the house was Frank J. Forster.
THE IMARI WARE OF JAPAN

Collectable Porcelains of the Hizen Province

GARDNER TEALL

Japan's debt to Chinese culture has been enormous and it is without doubt that her knowledge of porcelain was derived from China by way of Korea, if not from Korea. We can well imagine that such pieces of porcelain as found their way into Japan in those early days were treasured and admired, and led the Japanese to attempt porcelain manufacture for themselves. The...
Japanese potter, Toshiro of Seto had, about the year 1230, succeeded in producing a good glazed pottery after his trip to China, where he learned the secrets of the Chinese faience, but it was not until after the year 1515 that Gorodayu Shonsui succeeded in making a passable porcelain imitation of the Chinese ware of the Ming period. However, porcelain-making in Japan lagged deplorably until after the Japanese invasion of Korea at the end of the 15th Century. Then the returning victors brought with them into Japan numerous Korean artists and craftsmen, many master-potters among these. Strangely enough, although earths suitable to porcelain manufacture abounded in the vicinity of the very place where Shonsui had settled down, this Japanese investigator did not succeed in discovering materials suitable for his wares, and probably such as he produced were made of earths imported for the purpose from China. It appears to have remained for one of the Koreans, Risampi, to discover in the decomposed trachytic rocks abounding in Kiushiu an earth which seemed to be equal to the Chinese kaolin used in porcelain manufacture. There in the Province of Hizen, in this most westerly island of the main group proper, earths were found in abundance, particularly at Idzumiyama, and there pottery and porcelain kilns sprang up shortly. Two natives of Imari, the potters Tokuzaye-mon and Kakiyemon, share honors for the discoveries made which led to the glazes of these first Hizen porcelains. Their wares followed the Ming style in decoration.

In this connection it is important to bear in mind that the development of porcelain-making in the Japanese Province of Hizen witnessed the activities of the Portuguese and the Dutch commercial relations with Japan. Three Portuguese voyaging by junk from Spain to Macao were driven out of their course by adverse winds and landed on the coast of the "hitherto unknown land" of Japan. Three Portuguese voyaging by junk from Spain to Macao were driven out of their course by adverse winds and landed on the coast of the "hitherto unknown land" of Japan. Three Portuguese voyaging by junk from Spain to Macao were driven out of their course by adverse winds and landed on the coast of the "hitherto unknown land" of Japan.

Blue and white Imari comes in a diversity of forms. In this group one finds a medicine or seal box in three sections, a saki cup stand with pine, bamboo and plum design in the pierced work, a square saki cup stand and a number of other pieces. These belong to the group known as Nabeshima ware.

(Below) Plaque with land and sea scene, deep bowl with phoenix, pomegranate and tortoise decorations and a plaque with pine decorations are in this group.

(The sixteen-petal Kiku crest of the Japanese Emperor, forbidden to imitate on early Imari for export; below it are other Imari porcelain marks.

The pierced blue and white Imari composes a distinct group. In the examples below are found—reading from left to right—a saki cup stand, bowl, covered sweet-meat box with tortoise knob and two other stands for saki cups.
THE iris is very beautiful. Even Joseph Pitton de Tournefort, who, more than 250 years ago, gave it its name, grew ecstatic when he came to consider it, and called it the flower of the rainbow. And M. de Tournefort was no novice to be swept off his feet by the first pretty blossom he encountered, for he was the official collector of plants to his most Christian majesty, King Louis XIV, and named and described in his day, quite unemotionally, 8000 species.

And yet it is not its beauty alone which commends the iris. There is beyond this, something more; something exotic, something suggesting other lands and other times, including more than a hint of round-towered castles perched on rocky heights, of mounted knights and streaming oriflamme. It is by no mere chance, I am sure, that Mr. Bliss, the great English grower, has called one of his latest seedlings du Guesdin.

Yes, there is more than mere rainbow beauty in the iris, there is romance, and it has worked its spell upon mankind for centuries. In his notes on the history of the plant, John C. Wister says that the Moslem invaders carried the iris all over southern Europe, planting it upon the graves of their soldiers. Who else became interested in its cultivation is not known, but it was evidently taken into English gardens early, for Chaucer speaks of it, and Francis Bacon lists both the tall and dwarf bearded irises among the desirable cultivated plants. Since Elizabeth's day many varieties have been both discovered and produced, until at present the genus is divided into ten sub-genera, while the species and garden varieties are innumerable.

The classification of the iris is based primarily on the character of the root, and the first seven sub-genera are distinguished by thick, fleshy, creeping rootstocks, known botanically as rhizomes. They are named, Apogon, Pardanthopsis, Evansia, Psudovannia, Oncocyclus, Regelia, and Pogoniris. The remaining three, Xiphion, Juno and Gynandiris, grow, not from rootstocks, but from bulbs.

The irises of our gardens are by no means evenly distributed among these ten sub-genera, but are confined largely to three of them, and almost exclusively to two of them. First in importance are the Pogoniris, the bearded irises, formerly and still to some extent listed in the catalogues as "German" irises. These irises all have a heavy line of "beard" down the center of each of the lower petals, or falls. Of these bearded irises there are dwarf kinds a few inches in height, known as Pumilla irises; intermediates, a foot in height; and the tall varieties which attain to 4' or even more. The dwarf irises are the earliest to blossom, appearing in April or early May, the intermediates follow, and the tall come last. The great popularity of this group is illustrated at every iris show. That of the American Iris Society at the New York Botanical Garden last spring devoted 21 of the 24 classes to Pogoniris.

Next in popularity are the beardless irises, or members of the Apogon sub-genus. They are found in American gardens in two groups, one the sibirica irises in blue and in white, and the other the Japanese irises. The sibiricas grow in clumps with narrow foliage and masses of me- (Continued on page 88)
In the home of Mrs. W. K. Vanderbilt, Sutton Place, New York City, the entrance hall has been decorated in the "Chinese taste", characteristic of the late Georgian era. At the top and bottom of the curved stairs niches are painted, with large figures to simulate porcelain. The background of the niches and the fish-scale pilasters are dull yellow. Flowers, birds and bamboo are in natural colors on an ivory ground. A black marbleized base keys up these colors.

The foundation of the flat walls is wood paneling on which the decorations are painted. The tiles are pale rose and the background and principal moldings ivory, the moldings being picked out with vermilion, blue and green. A door at the farther end is enriched with Chinese figures and symbolical flowers painted into the panels. A porcelain pagoda assists in creating the Chinese atmosphere. The floor is of hexagonal tiles. Allyn Cox, artist; Mott B. Schmidt, architect.
While an English atmosphere has been incorporated in the design, the house has typical American windows, which are decorative and make for coolness. It is built of terra cotta blocks stuccoed and has a cream and purple variegated slate roof of interesting lines. Connected to it by a drying yard is the garage with a picturesque outside stairway leading to the owner's workshop above.

The unusual shape of the plan was dictated by the unusual shape of the property and also in order that the living room and owner's bedroom might obtain the benefit of the prevailing southwest breeze. The main entrance is from the terrace, which connects with the sun parlor.

Of the owner's bedroom is a sleeping porch, with canvas sides lashed on in stormy weather as on a ship's deck. Both upstairs and down there is excellent cross ventilation. On this second floor, in addition to the owner's rooms, are two guest chambers, bath and servants' rooms.
A terrace connects the sun parlor with the main entrance of the house, which is through a vestibule projecting out from the house, with a roof, picturesquely laid with slate that also extends across a bay window in the living room. On the other side a little conservatory of regular greenhouse construction is attached to the dining room, forming a sort of glorified bay window. These buildings, which are seen from all sides, show no unattractive rear.

The
HOME OF
HENRY SAMPSON
DOUGLAS
MANOR, L. I.

WILLIAM F. DOMINICK
Architect

A decorative balustrade on the terrace and sleeping porch form the only obvious ornament, the interest of the house lying mainly in its unusual shape and pleasant treatment of gently sloping roof and wide eaves.
USING COLORED OILCLOTH
Having Passed Through The Chintz and Satin Era, We Now Elevate This Humble Fabric To An Honored and Useful Place In Decoration

AGNES FOSTER WRIGHT

Oilcloth? Why not? We have used satins, taffetas, nets, brocades, laces, rep; we have advanced from plain chintz to glazed chintz. It is only natural that the next step be oilcloth. Its use is new, its colors diverting and it can serve innumerable decorative purposes.

For example, the pillows clustered about the red and black folding porch chair on the opposite page—one has perforated points stitched back onto a darker background, another is black with perforations showing red; the triangle design for hammock corners is red, black and white with black and white tassels; the round pillow has laced sides of green and yellow with a tiny yellow fringe, the next is an automobile cushion with side pockets to hold veils and gloves, or the hexagonal car pillow and finally the laced design in white and cool yellow. The available color combinations are amazing. These designs hold their shape well; they can be easily cleaned and the colors are permanent even in sunlight.

Using oilcloth in a country house bedroom affords several diverting schemes. In one I am suggesting curtains of blue chambray with an edging and valance of yellow oilcloth. The slipper cabinet, which is painted blue, has oilcloth inserted in the door. Inside the slippers are hung on rods; the drawers are for stockings. Below is a little slipper stool in the blue chambray and yellow bands.

A smart little breakfast room could be furnished with curtains of gray glazed chintz having a brilliant cherry colored design and edged with narrow bindings of red oilcloth. For the valance use a straight piece of red oilcloth with a looped fringe. The undercurtains will be sheer red net.

A finishing touch will be given by red cord pulls with wooden tassels painted black. A table with a red oilcloth top has gray legs with red decorations. The simple ladder-back chairs are painted gray and have tight slip seats of the red oilcloth. To complete the color scheme, even the porcelain cock contributes the scarlet of his comb, the gray of his feathers.

For a child's room one might use a bed painted green with blue oilcloth inserts in head and foot boards. This can be washed. Spread, stool and curtains are green gingham with a narrow band of blue oilcloth.
In a breakfast room the curtains may be gray glazed chintz of a brilliant cherry design edged with narrow bindings of red oilcloth, and for pulls, red cords and wood tassels painted black. The valance will be of red oilcloth. For undercurtains one might select sheer red net. The card table is covered with the same red oilcloth.

Oilcloth lends itself to innumerable decorative purposes both inside and out of the country house. This folding chair, for example, is painted brilliant red with a seat and back of black oilcloth decorated with an oilcloth fringe. The cushions scattered about are in various combinations of brilliant colors. Designed by Agnes Foster Wright.

A terrace set consists of a table with wrought iron base and tin top over which fits tightly a red oilcloth cover held in place by heavy acorn tassels of red and black oilcloth. The chair has the same colored slip cover.
A BROWN color scheme is not often deliberately chosen, which is a pity, though quite often it happens that brown predominates in a room. This, too, is rather a pity, but hardly to be wondered at. In the first place the browns are always with us, all over the house. With floors, tables, chests, shelves, paneling in tones of oak, walnut, mahogany, and pine, it is not surprising that another color is chosen instinctively when it comes to decoration. To this unconscious avoidance of monotony is added a lively enough dread of dininess, for unquestionably brown used without discrimination does tend that way.

Apart from these considerations, brown is the most adaptable of colors; the least skillful decorator using brown as leitmotiv could hardly produce a discord, though he might fail to create the perfect symphony. Brown is unobtrusive, eminently adaptable, and it blends with all colors; this is partly the reason why it is chosen with such tolerance frequency for all-over-the-house painted woodwork. Also the brown pigments for paint are cheap and exceedingly durable. These useful qualities are so well known and so highly rated that the decorative side of brown is apt to be passed over.

In order to draw out the latent charm and beauty of brown and to avoid its dulness and monotony, great care must be exercised with regard to its various shades and tones. A cool brown leaning towards grey or green is better in nine cases out of ten than the hot heavy shades that are so commonly used. This can be proved by comparing the soft neutral tints of old oak that only time has dealt with, and the slick opacity of modern oak which has been treated with what is called “antique finish,” or again, by contrasting the cool transparency of raw umber with “chocolate.” The shade which is known as tete de negre has more variety and interest; the “wallflower,” among the dark browns, has distinction. On the whole, however, the lighter tints give better results for paint woodwork. Light and dark stone color, tan shades, tea, cinnamon, and snuff color—all these are excellent in the right place.

Sometimes it happens that in old houses the fine and difficult graining of an earlier age is found intact on doors and woodwork, mellowed and toned by years to a charming consistency. This a wise decorator will not demolish; he will note its value in the decorative scheme and use it accordingly. Ordinary brown paint work may be freshened or altered by brush-graining, which is a less exacting and costly process than a new coat of paint. For this eggshell varnish paint of a different shade to the underlying coat is lightly brushed on, using a coarse brush and keeping it very dry. Insensibly brown slides into the yellows, and if harmony rather than a contrast is the aim, these two used together are perfect. A touch of orange will give point to the scheme, and a note of gold will raise it. Any color can be led by subtle gradations into brown, so when a vivid arrangement is wanted the tones must be distinct. A yellowish brown with a cold blue makes one of the most charming schemes imaginable; it is familiar enough in Chippendale work, and a piece of Oriental embroidery is a valuable guide for such a room. When Chinese embroidery or Japanese color prints are to be hung on the walls there is no better background than the old-fashioned brown paper. It is always admirable as a background; unobtrusive, and yet pleasing in itself, it shows up blue china to perfection. Brown paper is made in a considerable range of tone, shade, and texture; it should always be chosen in situ, as these neutral tints are subtle things and cannot be judged apart from their ultimate surroundings. An arrangement of cinnamon and rose red strikes a higher note; here the pale brown should predominate, and the deeper tones of rose red be used almost sparingly. A good and unusual decoration can be evolved by using a light brown something like “natural camel’s hair” or café-au-lait in connection with cream colored hangings and black enameled woodwork—brilliant as patent leather. Walls and ceilings might be hung with a plain velvet paper of the camel’s hair brown, with curtains of beige brown velours and blinds of cream silk. In such a room a few pieces of ebonized furniture would tell admirably, with touches of canary yellow and turquoise blue introduced on cushions.

MORE than any color the quality of brown is affected by the materials used. Silk, chenille, velvet, velour, and so on, in shades of ivory and golden browns, vandyke, bronze, and chestnut, are sure to be beautiful; but the same shades for rugs, serges, and suchlike cotton and woolen stuffs are apt to be questionable. Brown needs play of light and variety of surface, and turns dull and dingy when these are lacking, and looks poor. Leather has a quality of its own that is both delicate and rich; applied in the form of panels for a wall treatment brown leather is admirable, or it may be used as portieres over a door. A piece of leather ornamented with gold can be fitted to the chimney breast and framed narrowly with a gilt border to form a library overmantel. There it will be appropriately complimentary to the gilt and tooled calf of the bookbindings, always a decoration.

Quite often rooms stop short of success on account of a badly treated floor. Where rugs are used over bare boards, or where they show beyond the carpet, it is most essential to get them right in color and surface. Usually a stain of some kind is applied—“light oak” or “dark oak”, and there the matter ends till a fresh application is needed. This plan is rarely satisfactory; the brown that results is dull and heavy, and finally opaque, with no value in the scheme. The color of the floor is hardly less important than the color of the carpet. A little oil, warmed and rubbed evenly into new wood, will deepen it to a mellow tone and emphasize the grain; while beeswax and turpentine will keep it beautiful. It may mean a little trouble, but the anomaly of Persian rugs on a dull stained floor should not be suffered for a moment, and no carpet should be mocked at by a dingy “surround”. The cork carpet looks best in a natural brown shade, and this, too, should be kept brightly polished.

THE deep rich tones of old mahogany are due to the wood and are highly desirable if you can avoid the crude reddish color found in much modern mahogany work. This is largely due to French polishing; and the unpleasant yellow tinge of Victorian oak is owing to the same method. When the color of the floor is hardly less important than the color of the carpet.

When brown paint is used for a wall treatment the risk of a dull and monotonous effect must be faced and eluded. An uncompromising flat brown, say, for paneled walls, is a doubtful experiment, and should be modified by scumbling, glazing, and stippling, and so on. A charming rosy brown is evolved by first painting the walls a lightish green and, when dry, stippling with light red. This may be elaborated by a silver line on the moldings in connection with an apricot colored ceiling.

Rooms painted in the manner of tortoiseshell are interesting and distinctive, and the color scheme is a beautiful range of browns. The painting must be done with vigor and “go” if it is to look well, and follow the tortoiseshell pattern closely.
A LITTLE PORTFOLIO OF GOOD INTERIORS

The part that architecture plays in the creation of a room may be considered from the point of the details, beautiful in themselves, or as a background which establishes the use, period, or character of a room, the composition being completed by the furniture. In the Little Portfolio this month these two aspects are presented. The illustrations show work by U. T. Lindeberg, architect. This breakfast room, for example, finds its architectural character in its shape, which is oval. The walls are painted warm gray. A black and gold marble mantel, gilt fixtures, black terrazo floor and black and green furniture are some of its features. It is in the home of Clyde Carr, Lake Forest, Ill.
The dining room in the Clyde Carr residence at Lake Forest, Ill., is Tudor in character, this feeling being given by the oak paneling, which forms the background of the room, the hand-finished plaster ceiling in a traditional molded design, the crewel work hangings which are of the period, and the larger pieces of Tudor furniture. Such a room is commendable for its proportions and for the restraint with which the decorations are handled.

It is often possible for the architectural beauty of a room to culminate in one detail. Thus, in the breakfast room of the home of Horace Havemeyer, at Islip, L. I., the walls of rough molded plaster are kept as a subdued background for the fireplace mantel. This mantel is made of black slate. Its decorative panel is carved with Chinese figures in low relief. A simple fluted design has been used for the fireback.
The hallway in the home of Clyde Carr is of ample proportions that afford space for broad stairs of pleasantly sweeping lines. The balustrade is of slim wrought iron surmounted by a wooden rail. The paneled wainscot and other woodwork are painted a soft green, harmonizing with the light green tones of the mural decorations by William Mackay. The table to the right is of black lacquer; behind it stands a black Chinese screen.

Quite a different hallway is found in the home of Paul Moore, at Convent, N. J. By building a circular vestibule, entrance is effected to two cloak rooms on the right and left. Thence one goes on into the main hall. The stairs are on one side. This vestibule provides the floor for a wide landing which affords the desirable setting for the large window above.
AN ENCLOSED TENNIS COURT

DWIGHT JAMES BAUM
Architect

The tennis court on the country place of R. A. Rowsand at Rye, N. Y., is enclosed with decorative lattice set in panels and painted white and green.

An evergreen planting faces down the exterior of the court. The long wall is pleasantly broken by the recessed pavilion with a pagoda roof.
ATTENTION to the floors, in a decorative sense, usually stops short with the rugs and carpets. While these are the subject of profoundest thought, the boards and parquet are often accepted just as they are, as a matter of course. The stained floor gets a fresh coat of stain, though we deplore the process; the polished boards are kept polished whether they accord in tone and color and style with the rest of the room or not. Yet the floor can be altered with less trouble and cost than, say, the painted woodwork, and the difference to the room is no less refreshing.

The commonest and almost the worst of floors are those which have received coat after coat of varnish stain and lost in the process that transparency which is the essential quality and beauty of a stain. A floor of this description spoils any room and should not be endured.

Of the various ways in which old stain can be removed there is none better than a strong solution of soda in boiling water. This may be brushed on, left a few moments, and wiped off as the old stain rises and dissolves. Plenty of rags are needed as the edge next the floor of this description spoils any room and should not be endured. The time cannot be specified; it depends on the weather and the paint; some paints dry quicker than others. A hint of stickiness is a sign that the floor is not sufficiently hard for a fresh coat of the paint.

The final coat of varnish should be given on a bright day, and dust excluded, as far as possible, during the whole process. Carried out on these lines, the painted floor has remarkable durability, and it can safely be used without a carpet at all. In this case a border, varying in width according to the proportions of the room, can be added in a contrasting color. For example the floor might be painted smoke grey and a border done in ivory white, to match the skirting and the rest of the woodwork. This would make a nice change in a bedroom, where an old carpet has been discarded, with here and there a few white washable rugs. Or let us suppose that the room is to have a new carpet of soft blues and yellows and creams, and that the existing surround is of thick and dingy brown paint. Here the re-painting done in pale yellow or old gold would just make all the difference in the room, and serve to emphasize the tone and beauty of the new carpet.

A floor that has been painted black looks quite unlike the floor that has been ebonized or stained black, as has already been described. There is a depth in paint, a greater intensity of black than is compatible with the transparent stain. Both are charming, each in its own way. Whether the black is used as an all-over foundation for rugs, or merely as a surrounding for carpet or felt, the black floor is, in nine cases out of a dozen, a good and safe choice.

There is no point in the usual choice of brown or neutral shades for floor painting; once a floor has been painted, its resemblance to wood is at an end, and, ethnically speaking, vermilion or blue are as "natural" on the ground as they are on the panels. There is more show of reason in the matter of a bright colored stain; the idea of the natural grain and figure of wood in cerise or violet is, perhaps, a little startling to conventional views. That light color stains are not much used is probably due partly to this, to the reluctance to alter at all, and partly to the freakish effect. An unnecessary dread, for the natural color of the wood prevents a stain from ever looking as vivid as paint, and as a matter of fact, charming and delicately fine effects can be obtained in this way. The real difficulty lies in the fact that we rarely get a new floor to work on, and new—that is to say untreated—boards are here a sine qua non.

In the nursery or playroom carpets are unusual, and we will suppose that an old oilcloth has been taken up and a good floor with nice even boards is revealed. Here a bright golden yellow stain would look well and give a sunny appearance.

WATER stain is the easiest to apply, and the yellows that are soluble in water, and therefore suitable, are gamboge and yellow lake. The colors are bought in powder form, and size is added to the water in the proportion of about one pound of size to half a gallon of water—but exact quantities do not matter so long as the color is fixed and does not come off when the stain is dry. Boiling water is used for mixing, and the stain, still quite hot, should be laid on in flowing coats with a big soft brush, and sometimes before it is dry the work is wiped over with soft cloths to give a smooth even quality and to prevent hard edges. It dries quickly, and it is better to deepen or strengthen the color by successive washes rather than to attempt the full color in one application. To some extent the color of these new stained floors can be altered; yellow, for instance, makes a splendid foundation for a dark blue stain, and a thin wash of aniline green gives a brilliant effect. Rose color or violet, however, would never come true over yellow, since the stains are quite permanent. Most aniline dyes are suitable for the purpose; they can be had in bright colors for water or oil staining. In some, green especially, a very few grains have enormous

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A tree wrongly braced with iron was injured and broke its girdle.

Fine healing over filling promises new life to this tree.

An old tree, carelessly patched, gradually began to lose its cement filling and to decay.

The old patch removed, the cavity was cleaned, sterilized and braced ready to receive the new filling.

The filling in place. This is in sections, allowing the tree to sway without breaking the cement.

A frost crack such as this can never heal without help.

Fungal growth started in a sterilized but unfilled cavity.

Rounded top cavities rarely heal without rapid growth.
The story of this elm is characteristic of many large old trees. The inroads of wind, rain and ice, followed by insects and fungous diseases, threatened its life. To save it the decay was removed, the trunk braced and the cavity filled to prevent a recurrence of its weakness.

Illustrations by courtesy of the Davey Tree Expert Co.

OPERATING ON TREES

The Ills and Injuries Made by Pests, the Elements and Man Often Require Drastic Surgery

JOHN DAVEY

ONE of the principal, but not necessarily the most important, operations in the care of trees is the treatment of cavities in their roots, stems and branches in a manner much like that which a dentist employs in taking care of a cavity in a tooth. It is possibly this phase of the treatment that gets the most abuse, and about which the tree owners desire and need the most information.

Cavities develop indirectly, because of wounds in the protective bark-covering of the tree. The insect pests and fungous diseases find these wounds and immediately start destruction. It may be six months or even a period of a year or more before the cavity is well started, but it always comes. And, because of the nature of a tree's growth, a cavity once started cannot be healed without the assistance of skilled human hands. It may become covered over on the outside but it never heals, and most of us know what happens to ourselves when the skin heals over a wound before the infection has been removed from beneath.

The causes of wounds on trees are almost infinite, so numerous in fact that only a few of the more important ones can be mentioned in this brief article. One of the most serious is the many storms which sweep over the country. Those of last November in New England, of March in Wisconsin and Michigan and of June in New York are so well remembered that little more need be said. Branches are torn from the trunks, and sometimes the roots even are torn asunder and the giants are hurled to the ground. Lightning, too, does its damage in many ways.

Many of the insects which cause so much havoc after the wounds are made have also the facilities for making their own wounds. These cannot be better illustrated than by the various borers, especially those which are killing our hickories and white birches throughout the county.

Last, but far from least, is man's own carelessness and ignorance. Lawn mowers, automobiles, wagons and many other man-controlled machines take their yearly toll of trees because of the wounds which they have made in years gone by. But all of these together do not take any greater toll than does pruning which is done improperly.

Almost fifty per cent of the cavities in trees result from improper pruning. Branches are cut off too far from the parent stem, leaving a stub which absolutely cannot heal; or they may be cut too close, leaving a larger wound than necessary, which will certainly decay before it can possibly be covered by the new growth.

Still other trees are structurally weak and split almost from their own weight. These are known as crotched trees; and with them we are becoming more familiar every day. Water freezing in the crotch during the winter exerts a tremendous pressure which ruptures some of the fibers. A yearly repetition of this soon produces a cavity that, without skilled treatment, means destruction.

Several times skilled treatment has been mentioned and now let us consider what constitutes skilled treatment. Probably all of my readers have had dental work done, and it may be just possible that some of them have had cavities filled when a small bit of decay had escaped the dentist's eye. What followed was a sad experience. If a

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Inside the door leading out to the garden one may come across a niche, filled with books above and drawers below. Here can be kept the kinds of books one reads out-of-doors—novels, and short stories and perhaps a gardening book or two. Sweaters for cool nights can be kept in the drawers.

You can tell the sort of people who live in a house by the kinds of books they read, and the odd nooks and corners where you find them. In a cultured household you don't have to reach very far for a book. Convenient shelves can be built each side of a bay window seat.
On each side of the Dutch door of this cottage living room are shelves set into the wall. If one wanted to make their discovery unexpected the shelves could be concealed with plain doors.

The stairs offer several happy nooks for books. They can be placed on the side of the treads as here, or the treads may be extended in the rear, affording space for small volumes of uniform size.
An old patio door of wooden spindles is painted soft verde green touched with gold. Byzantine columns and a wide overhang frame the composition picturously.

**DOORS OF OLD SPAIN IN MODERN CALIFORNIA**

Burled redwood planks, heavy Moorish nailheads and Spanish hinges, a massive lock and a wrought iron grill are all combined in this modern California doorway.

Into this door of oak planks has been introduced an old Spanish circular observation wicket, with a huge knocker below. The gate comes from Cordova.

This old door, carved by Spanish craftsmen, is suitably fitted with old silver hardware and given a modern setting.

From a door in the San Diego Mission was taken this pattern of flowing lines known as "The River of Life".

As this door was brought practically complete from Spain, it required merely to be restored and set in place.

An old grill, antique nailheads and a pull in the form of a lady's hand are used in the creation of this door.
This month the Group of Houses is composed of four selections from the Country Club Districts of Kansas City. The variation in both architecture and site is representative of that remarkable suburban development. One of the attractive houses possessed of distinctive architecture is the residence of William R. Jacques. It is of English cottage design, executed in rich cream stucco, dark brown trim and a shingle roof laid with rounded corners to simulate thatch. The planting of hollyhocks along the front terrace is particularly effective. Root & Siemens, architects.

A GROUP OF FOUR HOUSES

An irregular arrangement of the rooms on the first floor provides for a narrow entrance hall with a large living room behind, and the dining room, breakfast room and kitchen in a unit. The stairs are not featured. A house-depth porch adds to the size of the living room.

The chambers are arranged around a central hall. In the rear is a bath and in front a dressing room. Two of the bedrooms open on a sleeping porch. Space under the eaves is utilized for closets. Casement windows in each room afford plenty of light and ventilation.
The problem of adapting a simple and economical plan to a sloping site is solved in the home of Harry A. Burke. The house is executed in shingles with white trim. Courtlandt Van Brunt, architect

(Below) The architect has saved floor space in the central hall by enclosing the main stairs, a lower landing providing access to the kitchen, thus dispensing with a separate service stairway.

A two-car garage is located under the north service wing, the garage doors being attractively screened by shrubbery.

The space gained by eliminating the service stairs makes possible three large bedrooms on the second floor.
The openness of the first floor plan is a feature, the stairs being placed out of the way on one side. Kitchen, breakfast and dining rooms are conveniently located.

By holding the hall down to a minimum the architect has been able to find three bedrooms, a bath and two sleeping porches, with plenty of closet room besides.

Italian details have been pleasantly adapted to this small house design. It is built of white stucco, with cream trim, vivid green shutters and a soft green shingle roof. Edward W. Tanner, architect.

A single driveway affords entrance to both houses. Each has in addition its footpath. The first floor is compactly arranged with the space necessary for a small family.

An effective method of treating the end of a block is to connect houses of like architectural style with an arched wall or trellis, thus screening the rear of other houses.

Although not quite twins, these two houses have approximately the same second floor arrangement, including the sleeping porch, apparently sine qua non in Kansas City.
A fine study in proportion is this Adirondack cottage, at Paul Smith's, N. Y., with its massive stone corner chimney. W. G. Massarene, architect.

Picturesque detail of Tudor chimney stacks closely related to the sumptuous modern house, designed by Walker & Gillette for Thomas Lamont, New York.

Tall evergreens planted against a white brick chimney make a distinctive architectural feature of the home of C. C. Rumsey, Roslyn, L. I.

(Below) A stone chimney with delicate Gothic ornament here appears intimately related to the brick Elizabethan chimney stack. W. F. Dominick, architect.

A splendid stone gable, ending in twin chimneys reveals Sir Edwin Lutyen's perfect handling of materials in this fine example of English country house architecture.

This white plaster chimney with its wrought iron staple adds dignity to the simple classic dwelling designed by C. A. Patterson, and is located at Larchmont, N. Y.
IF YOU ARE GOING TO BUILD

Look to the Skyline of Your House and the Part the Chimneys Will Play in Its Picturesque Dignity

MARY FANTON ROBERTS.

You may not make your roof into a flower garden, as Time has done for some of the lovely old continental houses; but you can, if you are going to build, study the details of roof-making so that from form, line and color all possible beauty is obtained. There is no greater mistake in architectural detail than a misfit chimney and stack, and no greater charm than, added to graceful roof lines and window grouping, a chimney and pot in harmony with the type and period of your house.

What an entrancing spectacle is an old house in Strassbourg with a tall wide stone chimney stack, opening at the sides for the smoke and capped with stone—and there on the little chimney roof, resting season after season, a beautifully fashioned Alsatian stork’s nest. But can you imagine that fascinating chimney, weather worn, roughly outlined, on a modern neat white Colonial house, with its fresh, red shingle roof! The Colonial house must have, to realize its own perfection, the square strong chimney stack of brick or stone. And where the side walls are white, painting the stack white also is one of the new-old effective fashions. On the other hand, the white painted stone stack would be frightfully misplaced on a little dark California bungalow or on a flat-roofed, dignified Italian villa.

One cannot picture a stately Tudor house with the low battlemented chimneys of an old Castilian palace. The definitely correct detail for an Elizabethan house is the twisted or decorated chimney stack, used either singly or in group. These tall slender brick stacks may be decorated with fleur de lis patterns, inherent in the brick structure, or with a family coat-of-arms beautifully set in brick. And the slender stacks, topped by decorative chimney pots, lift the whole structure with a Gothic upward swing.

Only a shade less ornamental are the old round stone chimney stacks of Normandy, having the quality and style of battlemented turrets, sometimes climbing high up into slender pinnacles, like the famous chimneys at Bayeux. The round chimneys also prevailed centuries back in old Spanish towns, running like pilasters up the outside wall and sometimes ending half way to the roof in quiet bulging pots like the chimneys on that picturesque group of old buildings resting on the river bank at Oreuela.

Circular Tudor chimney stacks that embellish some of the finest old 17th Century English houses are equally appropriate to the type of architecture embracing half-timber construction combined with stone, as employed by Walker & Gillette in W. R. Coe’s Long Island residence.

Except for our modernized Tudor houses, the round chimney stack has very little place in American architecture. Our love of luxurious comfort, which rests more or less on a perfect system of heating, reduces our chimney, stack and pot to a utilitarian detail closely associated with heaters, furnaces and pipes. Happily we can still claim beauty for the outside chimney whether of brick, stone or cement. It continues to rest with gracious charm on our outside walls where it is made an ornamental architectural detail, in time half hidden under drooping vines, the home of birds’ nests from season to season.

But the chimney stack itself is made first and always to carry the flue or flues so that the utmost benefit accrues from it to the heating system, and the chimney pot, which has been such an ornamental feature for centuries in Europe, is mainly a practical detail which encourages the smoke to leave the chimney and vanish away in the wind. We expect our chimneys to perform their duty in a righteous Puritan fashion, doing yeoman service for the comfort of the household. Occasionally, the eyre merely projections up from the outside chimney, capping its fine form at each end of the house, or they may be of brick, square, a few feet high, like little towers on the top of a hipped or gambrel roof, with a row of terra cotta pots in good proportion to control the smoke.

In the English cottage type of house, a strong brick chimney just where the body of the house meets the ell gives a further lift to the chimney and binds together the two roof lines. A chimney especially suited to the real California bungalow is roofed over with Spanish tile and has somewhat the effect of a Mission bell tower, tall, of plaster, with a series of arched openings; it might easily send out a call for prayer. It is the ideal bungalow chimney stack, lifting the entire architectural form to a dignity and grace often impossible with ordinary bungalow construction.

A fine chimney detail for a little cement cottage with low sweeping roof line is to have the stack start from the first story, half way up the roof slope; square, of good proportion and not very wide, it should extend up well above the ridge. The treatment of a chimney stack so that it will be in harmony with other roof details, as for instance with Mansard windows, is well worth care—

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The modern kitchen has become a gastronomic laboratory. It is equipped with all manner of machines which lighten labor and assure speed, ease and cleanliness in the preparation of meals. This equipment is so arranged that only the necessary steps have to be taken, and so finished that only the minimum of labor is required to keep the kitchen clean. In some large houses the main kitchen is augmented by a smaller complete kitchen upstairs. In the New York home of William Ziegler, Jr., the diet kitchen shown here is on the fourth floor.

Equally important in the management of a house is the well-equipped butler's pantry. Here the china is kept in cupboards set above a wide counter. It should contain a sink for washing dishes and glassware, which can be immediately put away without having to be carried to the kitchen. An electric plate warmer and tray rack are additional helps. This pantry is in the New York home of Dr. Samuel Milbank. Edward M. Wheeler, architect.

In the service department of a well-managed house of size the labor is distributed—the meals are prepared in the kitchen and in the kitchen only those utensils used in the preparation of meals are washed; the butler's pantry houses the china, silver and linen and in there the after-meal washing of dishes and clearing away is done. This pantry, in a Boston home, was designed by Butler & Carre, architects.
The GASTRONOMIC LABORATORY

Assures Dispatch and Cleanliness in the Preparation of Meals

The equipment in this modern kitchen is well arranged for the maximum of service with few servants. It consists of a soapstone sink above which supplies and china for the servants are kept in a cupboard; the electric stove with two ovens is below the skylight, assuring ventilation of cooking odors; substantial work table, incinerator for garbage, set tub for the washing of tea towels, etc., and a gateleg table for servants' meals. A pot rack is arranged above the work table. Butler & Corse were the architects.

In the New York home of William Ziegler, Jr., the main kitchen is complete and up-to-date. The walls are of white tile and the cabinets set flush with the walls. Blue and white linoleum covers the floor. All the cupboards and cabinets are of steel enameled in white. The large door in the lower cabinet to the right conceals a flour barrel set on a sliding truck. Bins for coffee, sugar, etc., and shelves for dishes are equally convenient.

Another view of the Ziegler kitchen shows the built-in refrigerators. In close proximity to the electric stove is the steel table with rack for pots and an electric plate warmer. An incinerator consumes the garbage. The opening in the wall behind the refrigerator goes through to the pantry. It contains a revolving drum on which are placed the dishes. Photographs by courtesy of Janes & Kirtland. Stern & Wolfe, architects.
If we had to bring Freud into it we would say that the shower bath is masculine and the tub bath feminine! Yet today there is such a mix up on these sex matters that even the shower bath is becoming quite feminine, along with bobbed hair and nearly shaven pates!

There is not the slightest doubt that men feel distinctly cheated if the shower isn’t omnipresent in the bathroom and very often, in the past at least, women wished the shower bath somewhere else! The reason for this was:

1. The shower bath was unprotected and the whole bathroom frequently under water.
2. The floor and curb of the shower was so badly made that floods occurred in adjoining parts of the building.

Now the shower bath can be made the most convenient thing in the home—

1. If it is built correctly.
2. If it is placed properly.
3. If the water power is sufficient.

As to the sanitary code, it is no concern of this article; what we are concerned with is that the firm which installs the shower bath cabinet knows how. There must be a certain pitch to the floor (or receptor) to prevent backing up of water. There should be a lead pan built in under the receptor about 8” high as to its sides. This prevents any possible seeping of waters through tiling cement. The curb must be high enough and slanted inward so that the water cannot enter the bathroom from the shower, and if there is a door to the cabinet this must be so made that if it opens into a room there is no cartage of water. This is accomplished by a “weep” strip on the edge of the down side and bottom.

However, we suggest a curtain and no door. The opening need be but 20”, and if your curb, floor and shower head are correct, the curtain is ample protection. Doors of tile, plate glass, etc., are handsome, but need constant cleaning.

When ordering doors always state if the door is to be hinged at right, or left hand jamb. It should be griddled to allow steam to escape.

The bathroom with a separate cabinet for the shower is here the subject of discussion. These cabinets are made in tile, marble, iron, vitreous enamel and plate glass. They contain the shower head, side shower heads, pipes, faucets, soap cup, test nozzles, valves, mixers, thermometers, and light, which must be in ceiling and as waterproof as possible.

Shower baths can be as luxurious as the bathroom in which they are installed. For example, where the bathroom is furnished with silver or gold hardware and decorations the shower can be of the same metal. It is the wisest thing (harring gold, which few can afford) to have porcelain or enamel fixtures. These are easy to wash and keep clean.

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Where there are many bathrooms in the home, the care of them is burdensome and the easier the bathroom is to clean, the more the servant problem is simplified. Pomp and show in the bathroom today are not considered good taste. Though we know of gold, crystal, carved, Cellini-like bathrooms, we believe that simplicity is not only wiser but more sanitary.

One manufacturer makes a metallic shower bath casing, welded and firm, which can be built in any bathroom and finished to match. This comes in curved and square styles, and in various sizes, 33” x 42” x 6” high—the circular one 42” diameter and 6” high. These are light in weight and therefore can be placed in inexpensive buildings.

The next style of shower is the uncabineted, the ones that have the shower head over the bathtub. These are often very splashy—but a good sheet affords adequate protection. There are also plate-glass folding leaves to be had, which can be flattened.

It is possible to install this shower after the bath is in place. The water is driven directly against the body, in contrast with the overhead type.
against the wall when the shower is not in use. This obviates a cabinet, a recessed closet or a partition in the bathroom.

For those who want every known convenience, there are on the market anti-scalding devices which make the water mixing device pretty sure, regardless of water pressure. In this thermostat the temperature and volume of water are automatically controlled. Some are built in, attached to the outside of the wall, others to the inside. A test nozzle is often used with the shower to try a spout of water on the hand or leg before involving the whole body in an undesirable temperature. A thermometer which tells the story can be installed, but is not necessary.

Some houses have metal lined closets for the shower equipment. These are entirely divorced from the regular bathroom, thus increasing the bathing opportunity in the house, and there is no danger of flooding if the floors and curbs are correctly built.

Country clubs find these well-placed locker baths most practical, and industrial buildings too, have them, together with rows of showers in one long room, unmarred by partitions or sheets.

Unless there is sufficient water power, no matter how good the equipment, the shower will be a failure. To obtain what is called a rose spray water, there should be at least 35 lbs. pressure, with pipes amply large. In the needle bath there should be at least 20 lbs. pressure, again with amply large pipes.

There is no doubt that the thermostatic control wherever applied has added to ease and comfort, and in no place has it found a more hospitable welcome than with the shower bath.

There are now on the market as many devices as there are manufacturers of heat control, water mixers, testers and the like, which are supposed to do away with unnecessary burns, chills and waste of water while jockeying it to get the correct temperature.

The mixers are valves which mix the cold and hot water immediately so that you have the proper temperature without guess. (Continued on page 96)
In the residence of C. A. Belin, Scranton, Pa., a bay window serves as an effective connection between the two wings of the house, connecting the two eaves of unequal levels.

**PAUL BELIN, Architect**

**FIVE DECORATIVE BAY WINDOWS**

*This bay window completes the composition of the entrance façade. Hering & Fitch, architects*

*Right) An English half-timber house of the 16th Century, with a variety of bay windows*

*A variation of the bay window in a house at Spuyten Duyvil, N. Y., designed by Julius Gregory*

*Another entrance enriched by a bay window, finished in Tudor style. Hering & Fitch, architects*
In the New York City home of Dr. Harold R. Maxell, of which the front façade is shown on page 37, the Italian spirit is carried on indoors. Living room walls are rough plaster glazed in tones of blues and browns and the fireplace is of Caen stone. Casement windows lead to the circular balconies.

THE ITALIAN SPIRIT IN A REMODELED CITY HOUSE

FRANK J. FORSTER, Architect

The plaster used in this house is put on by hand, giving the walls a rough surface, which is desirable for an Italian house.

The reception hall has an interesting floor of red and brown tiles, blue and brown rough walls with wrought iron and marble.
A CITY GARDEN IN DENVER

In the Denver garden of J. J. Hall, a lot 200' x 125' has been cleverly handled to include a large irregular swimming pool. De Boer & Pesman, landscape architects.

Near the house, seclusion for a formal rose garden was formed by a pergola in which are housed a small fountain and pool.

Although the garden is only a year old it already is hedged in with shrubbery and colorful with wild flowers and roses.
A PLANT altogether too seldom met with in our gardens, and one worthy a far wider recognition is the pyrethrum. One member of this great branch of the genus chrysanthemum, to which so many of the daisy-like flowers belong, the old Feverfew, more commonly “Feverfew” now-a-days, has long been known to our American gardens and actually furnished our ancestors with the basic ingredient of the strong bitter tea they brewed for use in the treatment of fevers. Another near relative did yeoman service, along with the gay colored coleus and the other so-called foliage plants in those unregretted (Shall I say Victorian?) flower beds of not so long ago. With both of these we are all more or less familiar. The member of the family to which I more particularly wish to draw attention is the pyrethrum roseum of the botanists, a native of far Persia, which is apparently living down its somewhat unsavory historical connection and taking at last an honored place in our beds and borders. I say unsavory advisedly, for, if the truth must be told, it is this flower and ground into a powder, which furnished the Persian insect powder commerce. At present, however, a closely related species of Caucasian origin, its flowers all open more nearly at the same time, is largely taking the place of its predecessor.

A vase of single and double pyrethrums makes an excellent house decoration. The flowers last long in water and keep their color.

To be appreciated, pyrethrums or feverfew, should be massed against a background of green foliage, as in this grape arbor planting.
There will be no last minute worry if this white enameled tin reminder is hung in a prominent place in the kitchen. Little red pointers mark off the needs of the day, 14" high $0.91

Things one uses constantly should be within easy reach. This set consisting of a potato masher, pancake turner, egg beater, cake spoon, can opener and measuring spoon comes complete with a rack, $1.64

A set of good steel knives belongs in every well-equipped kitchen. The ten piece set above includes two forks and two spatulas. Complete, $5.34 (At the top) Stainless steel fruit knife, $.67

This rack should be hung very near the kitchen table as it holds nine wooden spoons of various sizes and two muddlers. The price complete is $5.10

A set of good steel knives belongs in every well-equipped kitchen. The ten piece set above includes two forks and two spatulas. Complete, $5.34 (At the top) Stainless steel fruit knife, $.67

SEEN in the SHOPS for the KITCHEN

All the articles on these pages may be purchased through the House & Garden Shopping Service, 19 West 44th Street, New York City
A cereal set of vivid Czechoslovak earthenware, cream colored with a design in bright blue and black would be an addition to any kitchen. The set contains 15 pieces, $8.30

Decorative porcelain with a blue wild rose pattern. 3/4 doz. each of large plates, small plates, soup plates, saucers, cups and saucers: two platters, two vegetable dishes, one sauce boat, butter dish, sugar bowl, cream jug and cake plate, $24.75

This sturdy step ladder, folded measures only 3 1/4" x 7 1/4" x 5 2/4". It may be hung on the inside of the door. Open it is 40" high permitting one to reach easily curtain rods and moldings. A hook beneath the upper step will hold a pail, $8.20

Time and labor saving devices will be welcomed eagerly by the busy cook. Reading from left to right above are a chocolate muddler of hard wood, $.50; a parsley mincer, $.50; a combination aluminum basting spoon and fork, $.35; a plate scraper of hard wood, $.45; a new knife sharpener, $.10, and a beater that prevents the cream from splashing, $.85

As the season of jelly making approaches, the wise housewife sees to it that her equipment is as complete as possible. The jelly strainer above is $.33. Small oval jelly glasses 2" high are $.75 a dozen, round slightly larger $.83. Regulation size with patent cover, $.30 each. Pint preserving jars, $.10 each; quart size, $.21. An oval aluminum ladle is $.75. The duplex fork is $.38
August

THE GARDENER'S CALENDAR

SUNDAY

TUESDAY

1. September 1 marks the beginning of fall. These are plants that have lost most of their water and are ready to be transplanted or divided in winter. One should be careful to transplant or divide these plants at the right time.

MIDNIGHT

WEDNESDAY

1. The weather will be cooler in the evening, and the sun will appear to set at a lower angle in the sky. This is the perfect time to plant potatoes, onions, and other root vegetables. These vegetables should be planted in the fall to ensure they have time to grow before the cold weather sets in.

2. If you have a greenhouse, make sure to check the temperature and humidity levels inside. These factors can significantly affect the growth of plants in a greenhouse.

FRIDAY

SATURDAY

1. This is the time to start winter pruning

THE GARDENER'S CALENDAR

Monsday

Bird of Paradise flower, by Mrs. F. C. Littleton, the 1st Prize

The 2nd Prize, by Mrs. W. Seton Lindsay, of Long Island

Japanese arrangement, by Mrs. H. J. Fisher, Greenwhich Garden Club

The 3rd Prize, by Mrs. S. J. Fuller, Rye Garden Club

Trellis is effectively used between the house and garage of R. H. Keith, Country Club District, Kansas City. E. B. Delk, the architect.

The use of shrubbery in the completed house picture can be learned from these views of the Kansas City home of James L. Cultura.

These views of the Culture garden were taken two years apart, showing remarkable contrasts in that space of time. A. Buckel, architect.
THE ESTEY RESIDENCE PIPE ORGAN

That Music is as essential to the home as books or flowers, no one in this age will deny. Nearly every home has music in some form. But the lover of books asks something more than a shelf or two. He wants a library. The lover of flowers wants something more than a border. He wants a garden. And so, more and more lovers of music are installing in their homes the greatest musical instrument of the world, a pipe organ.

ESTEY ORGAN COMPANY, Brattleboro, Vermont
DECORATIVE LIGHTING FITMENTS

The Riddle Outdoor Fitment of Cast Bronze

THIS new Riddle Fitment is marked by dignity of design, beauty of finish and extreme durability. Cast in bronze, it is literally everlasting. Finished in natural dull polished bronze without lacquer, it has a lustrous iridescence which with exposure to the weather becomes a beautiful shade of monumental bronze flecked with green. Dealers are now showing this latest Riddle product in both ceiling and sidelight styles, priced less than heretofore possible for a fitment of this character. Illustrated folder and dealer's name will be sent on request.

Those interested in beautiful residential lighting should write for copy of The Riddle Fitment Book, describing various Riddle styles in ceiling and wall fixtures, torcheres and other portable lamps, illustrating in actual colors the Silver Estolado and Gold Estolado decoration characteristic of Riddle Fitments. Please address Department 282.

THE EDWARD N. RIDDLE COMPANY
TOLEDO, OHIO

Makers of lighting fitments since 1892

While one expects to find books in the living room, they can be given a fresh aspect by using shelves of unusual shape. Couch and chairs are conveniently arranged beneath. The Oriole Company, decorators

Coming On Books Unexpectedly

(Continued from page 54)

drowned in needed poems of patience. As a reader who likes to carry books on the cars or on walks, I would suggest that tailors make duodecimo or octavo pockets to order. So in like manner, there are odd spaces to a house, which could be as definitely thought out and used for duodecimo or octavo books. But we do not consider these problems as of similar importance to the placing of the grandfather's clock. All sorts of books need to be scattered, as lovingly as you place candlesticks in rooms and odd corners. They should light the way of the mind at every step.

Somehow a house to me is never habitable until a bird builds a nest in an unexpected place. The architect has nothing to do with it. The will of the bird is law unto itself. The eaves and sheaves of country life, the rafters of the studio, the window shutter that the lover of light and zephyrs keeps open the season through, the old well bucket, yes, even the cannon's mouth, we are told, are grounds for building. All you— as owner of the house— know is that in the garden there is the flash of the blue bird, the orange of the oriole, and the brown breast of the ubiquitous robin, whose young are as much at home in some hidden corner as you are in your room. So it is with books. Their homing instinct is well worth studying when you plan your house. There is nothing against the precision of formal shelves. Their regularity is as decorative to a room as a regiment of soldiers on parade is to the drill-ground. But there are books that are shy and loving, books that are young and tender with the hint of wisdom, books that shun sets, and are of themselves necessary in idle moments. These delight in obscure corners.

I am suspicious of a house that allows books only in the library. Take a volume from the shelves, and unconsciously lay it down on the hall bench— and some hand fetches it back to its proper place. To such people, children are to be seen and not heard; books are to be had but not seen about. Both ideas are wrong. I like children to be well heard, provided it is musical happiness. I like books to be well thumbed, as Charles Lamb did—and were it possible to resort to criminal processes, each

(Continued on page 75)
FAMILIARITY with floor coverings does not breed contempt, but, on the contrary, it gives a greater appreciation and understanding, and therefore, a deeper interest.

For nearly eighty years we have been identified with floor coverings, from their manufacturer to their ultimate combination in a decorative scheme.

This contact has given us, not only knowledge, but also a kindred feeling towards others interested in the same things, and a desire to help them with our experience and to serve them with as complete a stock of rugs and carpets as is possible to assemble.

We also like to assist in working out problems which require special floor coverings. Our close contact with their manufacture assures a satisfactory solution.

W. & J. SLOANE
FIFTH AVENUE AND 47TH STREET
NEW YORK
SAN FRANCISCO
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FREE—This Book on Home Beautifying

This book contains practical suggestions on how to make your home artistic, cheery and inviting. Explains how you can easily and economically refresh and keep furniture, woodwork, floors and linoleum in perfect condition. We will gladly send it free and postpaid for the name of the painter you usually employ. Fill out and mail this coupon.

Are You Building?

If you are building you probably want the most house for the least money. Our book will help you realize that ambition without “cutting corners.” It explains how inexpensive woods can be finished as beautifully as more costly varieties. Tells what materials to use and how to use them. Includes color chart—gives covering capacities, etc. If, after receiving the book, you wish further information, write our Individual Advice Department. Experts in charge will gladly solve your problem for you without charge.

USE COUPON ABOVE
S. C. JOHNSON & SON, Dept. HGS, RACINE, WIS. (Canadian Factory—Brantford)
“The Wood Finishing Authorities”
There is no subtle nor secret explanation for women’s preference for the Cadillac. Delving straight to the heart of good motoring, women demand the rarest, the most unusual trait in an automobile—utter dependability.

They require that the motor car of their choice shall be so sound mechanically that they need never give it a moment’s thought, save of admiration for its consistent, flawless performance.

In addition, they require that it be safe, simple, and easy to drive. Exquisite beauty, elegance of appointment and embellishment, restful travel, they expect as a matter of course.

But first, foremost, and fundamentally their demand is for complete trustworthiness; for the sureness that alone spells satisfaction, the constancy of performance that promotes peace of mind.

Granted that this is what women demand in an automobile, isn’t it perfectly logical and natural that they should show unmistakable favor for the Cadillac?

CADILLAC MOTOR CAR COMPANY, DETROIT, MICHIGAN
Division of General Motors Corporation
Coming On Books Unexpectedly

(Continued from page 76)

There is one house in my remembrance whose owners always did the correct thing. There were no bookshelves, but books were kept in the kennels. There were no books, but these were kept in the kennels. There were no libraries, and these were kept in the kennels. There were no bookcases, and these were kept in the kennels. People like these keep their books strictly in a library. My hostess would say, as occasion demanded: "Go up into the kennel and get Barbe Bleue." "Look in the library for that book I was reading." Thus did she sprinkle largesse; thus did she show her possessiveness. But, as I have hinted more than once, if the good God of Life is set on humanizing the race, even country houses must conform to His will. You cannot order a dog not to bark; even the most unhappily children laugh aloud at their names. And a book delights sometimes in being where it ought not to be.

Such people as my hostess have romantic notions of how they should lock on such and such occasions. How well, in a painting, the mother would say, "Here among the golden-haired child sedately descending the winding staircase. Send for the child, please. He is in his riding togs, with his hand resting on the Duke's head—so like Sir Walter Scott! Send for a book, please—oh, anything that isn't heavy, so that your ringed finger may rest lightly on the page. And I send some leaves in the act of turning. That gives life to the picture, it leaves an impress of your style!"

I recall going to a very formal function there. My outside wrappings were whisked aside by groomed magic, my feet sank into the soft carpet of the stairs. And an unwilling will propelled me up toward theider and the stairs. Just as I was reaching the top, my foot whisked aside by groomed magic, my outside wrappings were whisked aside, and I read: "The question of you..."

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Kodak brings your vacation back

All the fun you’ve had—all the friends you’ve made—your vacation story told in split seconds, with a Kodak.

Autographic Kodaks $6.50 up
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EASTMAN KODAK CO., Rochester, N. Y. The Kodak City
Although the Original of the Bureau Illustrated was Italian, this Replica may be Interestingly Assembled with Late Georgian Furniture.

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BOSTON
2 WEST 47TH ST.
NEW YORK

How to Alter the Color of Floors

(Continued from page 51)

potency to color, and caution in using them is necessary. When bare boards are to be deepened in the natural color, the simplest and the best way to give tone, quality, and finish is a treatment of linseed oil. The oil must be slightly warmed to facilitate its spreading, and applied to the floor with deep-bristled fine hard brush. An old clothes brush answers the purpose well. It is important to remember that the oiling must be done along with the grain and never across it, and that the smallest amount of oil consistent with easy working is the best. Clearly the treatment cannot be hurried; it needs elbow-grease—hard and steady rubbing; the oil must penetrate, and when finished no trace should come off on the surface. Sometimes a weight wrapped in flannel is a help and speeds things up. Till a deal floor has been finished in this way, no one can realize what a quality of grain and of texture is latent in this common wood. Oak parquet blocks that are too yellow cannot be altered to the proper tone merely by waxing, but will, but does not eliminate the yellowness. This is a quality of new oak which time alters, but it can be done by the hand of man very nearly as well. The wax must first be washed off, and when the blocks are quite dry, they should be treated with strong ammonia in a little water; this soaks in, greying the oak to the soft natural look in the process. Several applications may be needed before the grey triumphs over the crude yellowness. When it has been renewed the parquet floor will present an old and mellow appearance. This greying treatment does not darken the oak to any appreciable extent. A light oak parquet floor can be changed to a dark one by a very thin solution of Japan black.

Pyrethrum for Formal and Informal Gardens

(Continued from page 69)

plantings here in America. One, perhaps a sufficient one, is that the pyrethrum is a very difficult plant to transplant over long distances, and the importers find they cannot handle them profitably. Then, too, our very hottest weather sometimes tries them severely, causing them to crown. These, at all events, are the reasons the plants selling fraternally give us for not listing the choicer named varieties and offering us instead only seedlings in an indiscriminate mixture.

These mixtures upon reaching the flowering stage produce in the main a single flower very like our common daisy, Chrysanthemum leucanthemum, which by the way is itself an importation. The similarity in the general appearance of the two plants at flowering time is very marked. Fortunately, perhaps, the pyrethrum has not the same constitutional robustness of the field daisy, particularly in the matter of propagating itself, for it shows no tendency to overrun the meadows and pastures. The daisy foliage is coarser, that of the pyrethrum being much more feathery and fernlike in appearance. The flower stalks of the two plants are of about equal height. In regard to the flower itself, in the single type of the pyrethrum the difference is almost entirely one of color, and even the whitest pyrethrum is seldom without a trace of pink upon first opening, which it soon loses, however, becoming for all practical purposes as white as the daisy. From this faintly flushed white with the typical daisy center the colors range through various tones of pink to a rich deep red in pyrethrum atrosanguineum, which by the way is itself an importation. The similarity in the general appearance of the two plants at flowering time is very marked. Fortunately, perhaps, the pyrethrum has not the same constitutional robustness of the field daisy, particularly in the matter of propagating itself, for it shows no tendency to overrun the meadows and pastures. The daisy foliage is coarser, that of the pyrethrum being much more feathery and fernlike in appearance. The flower stalks of the two plants are of about equal height. In regard to the flower itself, in the single type of the pyrethrum the difference is almost entirely one of color, and even the whitest pyrethrum is seldom without a trace of pink upon first opening, which it soon loses, however, becoming for all practical purposes as white as the daisy. From this faintly flushed white with the typical daisy center the colors range through various tones of pink to a rich deep red in pyrethrum atrosanguineum, which by the way is itself an importation.

With me the pyrethrum seems to demand not special coddling. It grows very satisfactorily in a well drained, ordinarily rich garden soil. After the first bermes and soon the buds were rapidly pushing up above the dainty greenery. That first batch of seedlings proved too small to complete mainly single types. There were a number of semi-doubles and two doubles. One of those with the double flowers was white with the characteristic pinkflush, at first, and the other was a beautiful red tinged lighter, almost white at the center.

Since then I have made repeated sowings, using seeds of more aristocratic parentage, and as the plants seem perfectly hardy, I am gradually adding to my collection singles, doubles, and intermediate forms in considerable variety.

One pyrethrum characteristic which makes it especially desirable is its capacity for catching the plants at rest, already resting, and deep that year and so no other covering was given the young plants.

In the spring the new leaves started pushing up above the dainty greenery. That first batch of seedlings proved too small to complete mainly single types. There were a number of semi-doubles and two doubles. One of those with the double flowers was white with the characteristic pinkflush, at first, and the other was a beautiful red tinged lighter, almost white at the center.

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One pyrethrum characteristic which makes it especially desirable is its capacity for catching the plants at rest, already resting, and deep that year and so no other covering was given the young plants.

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WILLS SAINTE CLAIRE

Motor Cars

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The Imari Ware of Japan

(Continued from page 30)

Soft blue tones are found in these pieces of Imari—the flower boat, bowl and covered sweetmeat box with the outspread wings of birds forming the four legs.

Butterfly mark found on common Imari

Japan. This was in 1542. They were hospitably received, and thus began the European intercourse. Up to 1593 the Portuguese possessed a monopoly in the overseas commerce with Japan. Thence onward it diminished until the Imperial Edict of 1639 practically terminated the trade with Japan. During this period, or from 1580 to 1650, the Portuguese carried many pieces of Japanese porcelain into Europe, and, of course, some of these very early pieces may be among those in European collections, although it is practically impossible to identify any such since the Japanese porcelains of this period, and even of following centuries, lacked reign marks, rarely show Province designation marks, and are difficult to distinguish, if indeed the earliest pieces can be, from contemporary Chinese pieces.

While we are quite in the dark concerning the porcelains exported during the period of the Japanese commercial relations with Portugal, when we reach the period of Dutch influence we begin to have some record of the manufacture of porcelain in Japan. In 1611 the Emperor had issued letters patent to Dutch traders. Some forty years later the privileges of the Dutch were curtailed, yet amid conditions at once humilitating and distressing they continued a trade with Japan which still proved lucrative. By 1682 greater indignities were inflicted on the Dutch trading masters, yet the exports of that year at their hands amounted to a sum exceeding 33,500,000, their imports totaling as much. From this year porcelains became one of the standard articles carried by the Dutch out of Japan, at least 100 bales being shipped annually, exclusive of private consignments. We are told that 44,943 pieces of porcelain arrived in Holland in 1664, while 16,859 pieces of the same were left the Dutch settlement of Batavia for Europe. Nearly all these pieces, if not all of them, were from the kilns in the Province of Hizen.

The early Japanese manufacturers who exported porcelain lent willing ear to the suggestions of the Dutch traders. The Dutch taste was by no means in accord with the Japanese, and Holland would have paid little attention to the simple, restrained form of Japanese decoration. Instead, the Dutch demanded heavily patterned surfaces, panels with a great deal of ornament, floral decoration in plenty. The Land of Tulips had no notion of letting the Land of Cherry-Blossoms dole forth any meagre flavour. To make certain that there should be no mistake about it, one of the Dutch managers, Wagenaar, himself a connoisseur and artist, designed the pattern of a white flower on a blue ground, possibly the very thing we call the Hawthorn Pattern), and the first hundred pieces of it which reached Europe were immediately bought up by admiring collectors. The Japanese, with an eye to the advantages of such sale, were not finicky in meeting the Dutch taste and henceforth Dutch influence was strongly exhibited in Japanese porcelain manufactured for export.

August II, King of Poland and Elector of Saxony, had built for his amusement during vicissitudes of the potters as well as his brother, the Duke of Devonshire, late of Chatsworth, recalls the imperial Japanese edict, which forbade the export from Japan of any piece of porcelain decorated with the Imperial Crest. One of the early potters, Tomimori Kanyemon, is supposed to have so decorated pieces so decorated to the Dutch, as being detected in the illicit act, was sentenced to commit hara kari and met his death. Notwithstanding the vellum-like quality of the porcelains of Hizen are, historically, the most interesting, being thewares we have already traced in connexion with their introduction to the Western world. Since, in later years, nearly all (Continued on page 84)
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The Imari Ware of Japan

(Continued from page 82)

porcelains from the various kilns in the Province of Hizen came to be shipped through the port of Imari, the name Imari-yaki, meaning Imari Ware, came to be given to all these products, although there were no kilns in the city of Imari. So strongly has the name of this port attached itself to the porcelains of Hizen, that one uses the term Imari Ware more frequently than any other in referring to the porcelains of Hizen's various kilns—those of the Arita, Nabeshima and Hirado wares (the three principal ones), and elsewhere the wares of Arita, Hirose, Nansan-ware, Okotani, Hakou, Kurokuma, Shida, No-Hashi and Yoshida. The Arita ware was produced at Arita, the Nabeshima ware at Okawachiyama and the Hirado ware at Mikawaku-chi. In the early days of porcelain the name was given the inclusive name of Imari Ware, as applied to wares intended for export, whatever the kiln where they were made. What may be called the première série du Japon, the Kakiyemon, whose milk-white paste bore a cobalt blue decoration0 applieed overlay the glaze, distioguishing it from the 18th Century Imari ware and the ware of the "Old Japan" with the cobalt blue decoration under the glaze. The heavily decorated Imari was, of course, in strong contrast to the delicate and restrained Kakiyemon.

Arita Imari

One cannot do better than here to quote Captain Brinckley's description of Arita pottery—made at Arita—"a most important town near the Idsumi-yama—contained in his authoritative work on Japanese ceramics in his well-known work "Japa-

nese Pottery." "The Arita artists made enameled brilliancy a subordinate feature, and sought, by careful painting and refined motives, to compensate for what was lost in richness of effect. This conception and execution of the ware was excellent. The pile was fine and pure, having a clear and bell-like timbre. The paste was soft, yet not lack-

ing in lustre, formed a ground harmoniz-

ing well with the ornamentation which was exerted to the utmost. The enamels were clear and rich in tone, in few colors; lustreless red, frequently showing an orange tint; a light green, and a blue-green (over the glaze) constituted nearly the whole palette. Of decorative subjects, medallions were perhaps most common, but the dragon, the Phoenix, the bamboo, the plum, the pine, birds hovering about a shed of corn, other naturalistic subjects, together with various kinds of diapers, were constantly depicted. The characteristics of this ware are not only the sparseness, but also the distribution of the decoration; instead of being spread over the sur-

face, the designs were confined to a few places, the object apparently being to secure as many as possible. This de-

scription applies to Arita porcelain after the processes of decorated decoration and other technical details had been ful-

ly mastered, a condition which was probably attained about the year 1650."

Sir A. W. Franks tells us that in the period of Tempo, after the year 1650, a wealthy inhabitant of Arita named Hiratomi Yojihei, an amateur of dis-

tinction, found that the clay from Hirata, the better suited for re-

ceiving the Arita glazes than was the slower drying clay obtained from the mountain. Later Goto Island clay was found to be superior and came generally into use at Arita. The making of the Arita tea-
cups with saucers is believed to have

been begun by Yojihei, as were also the Arita flower vases, all of which found ready sale to the nobility and the courtiers of Japan. These pieces were all marked with the characters signifying "Sampo," a title which has given Yojihei.

Nabeshima Imari

Some three miles north of Arita lies the village of Okawachiyama, where the Nabeshima Imari was produced. This ware was so called from the found-
er and patron of the manufacture, the Prince of Nabeshima, Nabeshima Naoshige, feudal chief of Hizen, who, in the year 1710, removed the works to this location. From the Nabeshima porcelains differ from the Arita-yaki in the milk-white con-

sciousness of its atmosphere, yet not losing its sparseness of its decoration. The pec-

uliar greens, turquoise blue and fine block production is found in other contemporary Japanese porcelain.

The Hirado ware, produced at Mikawa-

chi, a town some six miles south of Arita, was so called since its production was established about the year 1665. It was not until 1751 that the Prince of Hirado took over the works and the mid-18th Century to about 1825. Hirado was the period of its finest examples, pieces of rare beauty. Official prohibitions prevented this ware from finding its way into the market and its production was limited. Collectors seek for specimens of Hirado. Elegantly, to varying the Hirado styles Egan Mew says: "Among the many pieces of colored figures those of little boys and old men are well known, the colors of Hirado work are put together in glasses of a curious bistre blue that developed from bright and light to dark, black and blue. The Hirado works are also famous for their delicate, "pictureque" but having the depth and vivid qualities of the Chinese blue, from which it was derived by an elaborate process, are very charming. Figure subjects are more fre-
quent here than in most other Japanese for sale collections. It has been supposed that the number of boys shown in the piece marks the quality of the example, seven standing for the highest classes and three the lowest."
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Among other miscellaneous irises cultivated in the United States are a few in the Evansia group, and are characterized by a crest on the falls, replacing the beard of the Pogoniris group. Two Evansia iris-at-large, list the same names. There are three stamens, and now the bulbs are forbidden entry in both blue and white, a beautiful species from the Orient, where it is grown on the hillside banks of cottage gardens. The Iris cristata, a tiny dwarf blue variety, three inches in height and suitable for rock gardens, and terrine two is the stage and is absolutely chaotic. In many catalogues they are listed under Japanese names which are meaningless, and which one strongly suspects of having been made in America. One of the important tasks ahead of the Iris Society is the straightening out of the names of these plants. At present the buyer has no means of getting comparative estimates of value, as it is rare for two dealers to list the same names. There are a few others of the Apogon group to be had of American dealers, one the tall, yellow English semi-aquatic, Iris Pseudacorus.

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An Ancient Processional Lantern

The graceful form and quiet beauty of this Lantern will strongly appeal to those of artistic taste.

Memory recalls the glories of ancient Spain and Italy, when the original of this Lantern was lighted with waxen candles, and carried on long poles in religious processions.

Finished in rusty iron and rusty gold; enclosed in pale amber glass, with drip candle.

We shall be pleased to submit sketches and advice to those genuinely interested in correct lighting fixtures.

Write for our small portfolio showing a few authentic pieces. Prices on request.

No. 29400
Height without links, 29 inches

Robert Phillips Company, Inc.
Artisans in all Metals
101 Park Avenue (at 40th Street) New York City

TODHUNTER

TWO EXTREMES

A Weathervane and Footscraper, the former useful and the latter essential, add a pleasing note of distinction to these prominent points of the country house.

WEATHERVANE, BLACK FINISH, $12.50
FOOTSCRAPER, HAND WROUGHT, 15.45
Illustrations upon request

Hand forged fire-tools, 44%" high, with solid brass tops. As a set or separately.

COLONIAL & EARLY ENGLISH MANTELS

Fireplace Equipment
Distinctive Metal Work

ARTHUR TODHUNTER, 414 MADISON AVE., NEW YORK

the W. Irving Forge, inc.

The nailheads at the corners are really screws made to reproduce old hand-forged nails. They conic with every W. Irving fixture or may be bought separately.

The W. Irving Yorktown Lantern
No. 900

FOR these warm August nights when a little light delicately shed is desired, trust W. Irving HARDWARE. To this sconce, lantern, or any one of a wide variety of lighting fixtures, may be in­trusted the task. Each is HAND-FORGED, and true to type. Not only is their light a benison, but the dim shadows of their delicate designs cast upon sidewall and ceiling, invoke pleasant dreams of Yesteryear.

Write us or visit our shop
326-328 East 33rd St., New York City

Telephone Murray Hill 8536.

Lighting Fixtures, Bells, Lanterns, Shoe-scrapers, Toasting Forks
Fireplace Sets.
The Prettiest House in Town

The Prettiest House in Town is the compliment freely given this attractive house of English architecture, belonging to Mr. J. H. Peterson of Ottawa Hills, near Toledo, Ohio.

Much of its charm is due to its casement windows, which lend themselves to artistic treatment and give to the rooms when opened an airiness not otherwise possible.

The practical difficulties, such as are presented by the use of fly screens, have been entirely overcome by

Win-Dor Casement Adjusters

The Win-Dor Casement Adjuster, invented by Mr. Robert C. Spencer, F. A. I. A., and perfected by six years' experience and improvement, makes the casement window as convenient as it is picturesque, and as economical as it is luxurious.

The fly screen is set outside the window, concealing almost entirely the Adjuster but luxurious. The screen need not be lifted; the Adjuster locks completely the Adjuster but convenient as it is picturesque, and as economical as it is luxurious.

The few parts, strength and inconspicuousness, make it the most satisfactory article of hardware conceivable for the purpose.

Write for Descriptive Booklet, Prices, Etc.

The Casement Hardware Co.

232 E. Ohio Street, Chicago

In creating new iris the hybridizer plucks with fine pointed pincers the stamens of the blossoms selected for seed parents.

Flowers of the Rainbow (Continued from page 88)
YOUR WALLS?

A costly rug on the floor; the finest furniture; the best of hangings.

And on the walls—what?

Your walls are the most important things in your room; they are what you and your friends see first; what you put on them is an unending index of your taste and judgment.

Whether you select paintings or prints, be sure that they are good. Unless you have personal knowledge of the subject, our thirty years' experience with Paintings by American Artists will aid you in your selection.

May we send you "Questions to ask in Buying a Picture"?

WILLIAM MACBETH INCORPORATED

450 Fifth Avenue at Fortyish Street New York City

DARNLEY Inc.

SMOKER'S STAND IN WROUGHT IRON ANTIQUE FINISH 18" HIGH $16.50

Designs 542

WROUGHT IRON ANDIRONS with Roses of Polished Brass Antique Finish

Wrought by Hand

Price $16.50 a pair

Catalogue H sent on request

THE H.W. COVERT COMPANY

137 East 45th Street, New York.

A Smoking Accessory of figured French porcelain and dull brass makes a gift as unusual as it is lovely. Includes lighter, rest and ash receiver. $18 by mail. Other imported novelties to be had from

Peggy Deutz

34 E. 49th St. New York

Miss Gheen, Inc.

Decoration of Houses

Alcove with interesting decorated ceiling and old English revolving bookstand and two armchairs covered in old English signed needlework with dark red background...Part of a Living Room decorated and furnished by Miss Gheen, Inc.

19 & 27 West 46th Street 163 East Ontario Street New York Chicago

Miss Gheen, Inc.

Decoration of Houses

This reproduction of a Colonial glass tie back comes in crystal, blue, opal, amethyst or topaz. It is 4 1/2" in diameter and is priced at $4.50 a pair. It may be purchased through the

House & Garden Shopping Service

19 West 44th Street, New York City.
Flowers of the Rainbow
(Continued on page 90)

 ranged in subdivisions according to col-
or, and as these sections name occur fre-
quently in catalogues some explanation is
called for. These sections and some of
their outstanding characteristics, fol-

erow:

| Germanica | May flowering, blue and purple
| Pallida: Wide foliage, maximum height, the flowers in blues, purples, laven-
ders, and pinks.
| Variegata: Standards always yellow. Falls of various colors, including blue.
| Amoena: Standards white. Falls of various colors.
| Neglecta: Standards and falls, lavender to purple.
| Phla. or Phal. Petais white with pink.
| Squalens: Standards copper to fawn. Falls of various colors.

There are many varieties which can
hardly be assigned to any of these sec-
tions.

It would be very difficult to give a list of
the ten best standard bearded irises, there
is just too many to choose, but for the
beginner's guidance the following list
may be of value. It contains one or two
in each of the principal sections.

| Germanica | Kochii, a rich deep purple
| Pallida: Pallida dumalis. This is a tall silvery lavender, self-colored flow-
er. A variety of it, Preakness Beauty, is ranked as the best standard iris in
America. There can be few flowers in the world more beautiful than this in
form, texture, and color. Lord of June, lavender blue, 11/16, and Junoata,
similar color and height. Queen of May, 23/4, pink.
| Variegata: Loreley, standards pale yellow, falls purple with pale yellow
border. Very effective in the garden. Mauve King, standards bright yellow;
falls crimson, yellow bordered. Aurora, standards and falls both bright yellow.
All these are from 2' to 21/2' high.
| Amoena. Rhone Nir, blue white stand-
dards with pansy violet falls, 40'' tall.
| Neglecta. Standards violet, falls darker; 2%'.
| Squalens. Prosper Lange, standards bronze red, falls violet red-purple;
327. Jagnisena, introduced in 1840, standards coppery crimson, and the
falls a brown red, 3'.

The best of the newer irises relatively few growers have seen, and it is in con-
sequence with some hesitation that any of these are here named. The following
are, however, few of the recently named:

Lent A. Williamson, lavender and purple; frequently rated the finest iris ever
produced in America if not in the world.

Ambassadeur, red violet.

Dominion, standards bluish violet, falls indigo purple. The most fa-
mous iris produced in England. Also a

competitor for worldwide first honors.

Magnifica, standards blue, falls reddish.

A French production famed for its size. Blossoms 6' in height.

Queen Caterina, pale lavender violet.

Phyllis Bliss, pale rose lavender.

The iris is propagated by breaking the
rhizomes into several pieces and plant-
ing these just beneath the surface of the
soil, late in summer. Irises may also be grown from seed, though many varieties
are sterile and produce no seed. In
the present day irises are of very mixed or
different colors, and it follows, when the
power to produce fertile seed, that this
seed will, in turn, produce plants which may reveal any trait of any one
or central plant, or any combination of two
or three prominent varieties.

The usual procedure of the hybrid-
izer is to stick with one parent for sev-
ers years, and then to cross at last the
first parent, or substitute it, with a
second. A flower, one which can not fertilize
itself, Bags of white muslin are tied over each of these flowers.
We will suppose, for sake of illus-
tration, that the seed parent selected
the purple iris known to produce purple
seed. When the blossoms are well
opened within their insect enclo-

cus and muslin bags, the hybridizer gathers stamens from the plant he has selected for
pollen parent. We will assume that this
is a yellow iris. He transfers the
flowers from these yellow stamens to the stigmas of the purple stamenless blo-
soms and again ties into their muslin bags. To accomplish this pollination he
may use a camel's hair brush, or simi-
larly rub the anther of the purple stamen against the stigma. Bags may be removed as soon
as the pollen containers are full, but the
seed from the resultant pods is planted in the
fall, to germinate the following spring.

This seed will ordinarily germinate if
the flower is planted in the fall. The
blossom the spring after being
produced may be expected in all possi-
ble combinations of color and height.

It is in this way that the producers
of France, England and America are bring-
ing forth each season the new irises de-
tined to drive out the present standard
varieties. Each hybridizer, and in the
everyone has his seedling be-
hopes to make a great discovery, the
greatest of all hybridizing stories is that
of Mr. E. B. Williamson of Bluffton, In-
ianna, who had a row of Amur bearded
about 500 blossoms. Mr. Williamson
applied pollen to every one of these 500
flowers over each of the pollen parents,
with other unpredictable colors derived
from unknown ancestors and both parent

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SERVICE TABLE WAGON
Saves Thousands of Steps

(1) Has very broad Table Top (20x30 in.)
(2) Two Undershelves (to transport ALL the table dishes in ONE TRIP)
(3) Large center pull-out Drawer.
(4) Double End Guiding Handles.
(5) Equipped with four (4) Rubber Tired "Scientifically Silent" Swivel Wheels.
(6) A beautiful extra glass Serving Tray.

Write for descriptive pamphlet and dealer's terms.

THE COMBINATION STUDIOS
504-G Cannon Bldg., Chicago, Ill.

THE NIGHT RACK
The new and popular item to your coin-
fort and your guests' comfort (male-
female). Cloth-framed to perfect shape and costly at night-
durable takable after every day. Not a substitute for elastics—an aid to it.

Now in use in every beautiful American home and above. The Erkins Studios in stock.

Our catalogues illustrating a large variety of bird baths and other garden objects are of great interest to those who are practical and artistic. Send for your copy at once.

The Erkins Studios
Established 1908
260 Lexington Ave. at 34th Street, New York.

Bird Baths
are a source of endless pleasure.
The birds they attract to your gar-
den bring life, color and delightful
entertainment.

Erkins Bird Baths are to be had in a
vast array of distinctive designs and are
rendered in Pompeian Stone, a stone-like
composition that is practically everlasting.

Amazing Antique
Oriental Rugs

Such rarities are seldom
seen: thick, sparkling, vel-
ety. Some of my rugs are
now in museums, many were
pictured in leading rug
books. Volume of supply is
off 90% since 1914, and will
fall more. Persia is bare of
antiques today. Each rug is
a collector's dream, the best
of over 10,000. That is why
I have sold rugs in all of
our large cities. Descriptive
list on request: then, if you
like, I will prepay an assort-
ment on approval.

Write for descriptive list.
L. B. Lawton, Skaneateles, N. Y.

Genuine
Reed Furniture

Choice Imported Cretonne, Linens and Decorative Drapery Fabrics in Distinctive Patterns and Colorings, not usually
found in fabric stores, are also a Specialty with us.

Come in and let us solve your Drapery Problems for you.

THE REED SHOP, INC.
9 EAST 57TH STREET, NEW YORK
"Suggestions in Reed Furniture" forwarded on receipt of 25c postage.

Running Water is necessary to HEALTH

For the house in the suburbs—
the summer home—the farm house—you can have running water and the many conveniences it brings, at little cost. Why pump and carry the water you need?

You can have a modern kitchen sink; a completely equipped bathroom in the house; sanitary tubs in the cellar. You can have running water in the barn or garage; water for sprinkling the grass, flowers and vegetables. Water, under pressure, for fire protection. It will cost you only a few cents a week.

It's Automatic

FAIRBANKS-MORSE HOME WATER PLANT

Operates from any electric light socket or home lighting plant circuit. Pumps water from shallow well, cistern, spring or lake. It's automatic. Noiseless. Has durable steel tank gusseted to prevent rust. The only water plant with the famous Fairbanks-Morse pump.

Capacity—200 Gallons Per Hour

This gives you enough water for every ordinary need. Easily installed. Trouble-proof. Lasts for years. Now selling at low price. If you do not know our local dealer please write us for complete literature.

Now $125.00

F. O. B. Factory

FAIRBANKS, MORSE & CO.

Manufacturers

The Canadian Fairbanks-Morse Co., Ltd., Montreal

Running Water has determined the kitchen's character—a plain red old-fashioned table top, red tiled floor, red gingham in cupboards, doors, everything as in an English cottage. As kitchens become more and more convenient to the hand, more and more laboratory-like, we are apt to lose sight of the old charm, and over stress shining white porcelain and metallic efficiency. There is, of necessity, so much shining metal and enamel that such colors as we bring into the kitchen may be strong ones. There is a certain amount of color always established—the white of the tiles or enamel; the black of the stove and heavier pots and pans; the yellow of bright aluminum and nickel; the occasional strong spot of copper; and the terra-cotta of brick and terra-cotta of brick walls. The most successful colors to add to these are fresh pure reds. Red check gingham seems to have the same affinity for a kitchen that red geraniums have. Blue, a good coarse washable blue, is equally friendly. Green is very agreeable and too rarely used. There is a green linoleum made in imitation of green marble that is cool and clean looking. Orange and lemon yellow are delightful.

Trying to make a kitchen too pretty may easily become a silly and absurd performance, but if decoration meets the requirements of cleanliness and has a certain relation to the crude shapes of pots and pans and such, I see no reason why we should not indulge our taste for modern art here. One of my friends who has fallen a victim to the delights of the Russian peasant scheme of decoration of the Chaoue-Souris has established a modernist bee hive in his apartment because he has no opportunity for that particular sort of taste in his Georgian house. He has a room of bead boxes painted in vivid colors—green and red yellow and violet and pink and blue and orange—and it is a sudden and amusing joy to the eye. The gay and innocent color of the Chaoue-Souris is applicable to the decoration of the kitchen, whereas more sophisticated decoration is not, because there is no possible careful selection of the kitchen furnishings. Therefore, brilliant color is desirable.

In a Long Island house built in the Italian style the kitchen is one of the most interesting rooms in the house. The floor is of linoleum blocks, huge black shiny tiles separated by grey lines. The walls and ceiling are washed with lemon yellow, and the trim is stained a black color. We had a pair of old Venetian kitchen cupboards, yellow glazed to a faded tone, painted with baskets spilling over with turnips and carrots and such, which gave the kitchen so fine an air we had to search for other Italian things which would also be sensible as well as beautiful. A working table was necessary, so we bought a slab of yellow marble and placed it under the large window, supported by a pair of wrought iron brackets. This kitchen console is quite as useful as a white enamel table, and is far more decorative as well. Curtains were made of a heavy washable orange linen, and the kitchen table has a set of clothes and napkins of the same linen for intimate breakfasts.

Another kitchen equally amusing is in a little French lodge house of a lady who has fastidious requirements. This kitchen has a floor of real tiles, true to the French in color, white-washed walls, and a light green trim. A reproduction of an old Breton cupboard in old oak has the place of honor. An ordinary drop-leaf table of no period, covered with a red and white striped linen, and placed it under the large window, so we bought a slab of yellow marble and placed it under the large window, supported by a pair of wrought iron brackets. This kitchen console is quite as useful as a white enamel table, and is far more decorative as well. Curtains were made of a heavy washable orange linen, and the kitchen table has a set of clothes and napkins of the same linen for intimate breakfasts.

One of the finest rooms I know anywhere, is the kitchen in a remodeled American house, beautiful white paneling, large flagstones making a floor, white-washed ceiling and very delicate white beams crossed by three great supporting oak ones—a deep chimney place, with oak settees under the hood, and a checked gingham curtain pleated under the mantel shelf. Geraniums in the window sill. A drop-leaf table in the center of the room with two wheel rocker chairs. A great wooden dresser of drawers, with cups and saucers and jugs hanging on the walls, and a stalk of a great copper pot nestled beneath it. A grandfather clock between door and fireplace. What a kitchen to sit and dream in.
Make Your Home A Cleaner—
More Healthful Place
To Live In

THREE times a day — twenty-
one times a week — over a thousand
times a year—greasy fumes, smoke, steam
and odors from your cooking are borne by
the air from your kitchen to every room in
the house where they linger for hours.
Make your kitchen a joy spot—your home a
cleaner, more healthful place by installing an

ILGAIR

An ILGAIR installed in your kitchen will
exhaust every trace of objectionable cooking
odors, steam, smoke and greasy fumes.
The ILGAIR is easily installed—economical
to operate. It is the only ventilating fan
made with a fully enclosed self-cooled
motor — guaranteed as a complete unit.

See your electrical or hardware dealer today for
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Learn How to Tell Genuine
Linoleum

Look for the woven Burlap Back

BURLAP is a sturdy, woven fabric made
from the tough fibres of Jute. These
tough, woven fibres give to Linoleum its
strength and durability.

All genuine Linoleum is built on a
strong Burlap back. It will give service,
economy and permanent satisfaction in
every room in the house.

JUTE INDUSTRIES, LTD.,
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New York City

Ask your merchant to show you the woven
BURLAP back

The WHITE HOUSE Line
SECTIONAL UNIT STEEL DRESSERS

The WHITE HOUSE LINE of sectional
unit steel dressers saves the busy home-
keeper much inconvenience and time.
She appreciates the scientifically arranged
 compartements, anti-friction drawers,
shelves protected by doors with individual
catches. Everything gleaming white,
dust proof, pest proof—entirely of steel.

WHITE HOUSE Kitchen Dressers and
sectional equipment can be arranged to fit
any kitchen or pantry space.

Send for illustrated catalog.
Plant Evergreens This Fall

Fall is an ideal time for setting out Evergreens. In the photograph of the garden above, arbor vitae, dwarf pines, hemlocks, rhododendrons and spruce serve as a delight to the eye during hot days of summer, or when winter's white mantle falls over the landscape.

Various types of evergreens are suitable either in a formal garden, or as sentinels posted at the entrance of a drive or walk, as a foundation planting, or as single specimens on a broad lawn. You can tell us which varieties fill your horticultural need best.

And while planting shrubs this autumn, add a few beautiful varieties of roses to your garden. Fruit trees, both dwarf and standard, and hedge plants, can also be planted to advantage at this season.

The Elm City Nursery Company gives special care to the growing and cultivation of evergreens and hedge plants. We are the importers of the famous box-barberry plant. A visit to our nurseries will convince you of the high quality of our stock.

Our Landscape Service

has been of aid to owners of estates, of suburban homes, and to directors and trustees of country clubs, hospitals, schools, churches, and industrial plants. Write and tell us your landscaping problems and secure additional information about the landscape work we do.

Send today for our beautifully illustrated 48-page catalogue, and place your order early for fall planting. You are cordially invited to visit us at our nurseries.

Elm City Nursery Co.
WOODMONT NURSERIES, Inc.
New Haven, Conn.

"The Pioneer Landscape Nurseries of New England"


The planting and raising of dahlias, to Mrs. Stout, seems no less important than it is in the establishing and developing of nations, and it is for this very reason that her book of the dahlia is so significant a volume. Taking the story of the dahlia so seriously, she has brought together in her charmingly and practically illustrated book, a volume of material of overwhelming interest to the student as well as the lover of this today most popular flower.

Not only does this book contain comprehensive instruction on the propagation of dahlias, their birth and growth, all the details of cross-breeding and fertilization, but in addition to these homely details, Mrs. Stout gives us a fascinating account of the discovery of the dahlia in Mexico centuries ago. We read that Hernandez was sent as an envoy by Philip II, to "study the plants and animals of New Spain," all because Mexico had produced the dahlia, which had caught the fancy of kings and queens, of gardeners and other royalties.

At the beginning of the 19th Century, Mrs. Stout tells us, a perfect craze for dahlias swept over Europe. No garden was complete without it. Every variety of color and combination of colors was undertaken and accomplished. A National Dahlia Society was formed in Great Britain, and enormous sums of money were spent on every novelty.

In the course of time naturally the234

August Emphasizes OBOI Shower Baths

(Continued from page 65)

work. It is sometimes a three-chambered valve with plates marked for hot and cold water. The graduation of hot and cold is controlled by a plug so arranged that you can set it to all degrees of temperature from hot to cold, to no water at all. The volume adjuster too, is a great convenience.

When building a recess for the shower a cabinet can be placed in the wall, taking up no bathroom space whatever, thus leaving the bathroom clear and free even if small. A door or sheet here saves the room from splashing.

Many people crave the luxury of the shower where there is no space; for such there are installations which involve no extra "hussing" or demolishing of the bathroom. This is a device which fastens to the faucet (one that ejects cold water out of the same vent is most desirable) and is attached to the shower head by rubber woven cord and seamless tubing. Shower head and sheeting of finest quality are available for such an installation.

Shower heads can be placed in the ceiling or on the side wall. The first is heavy, the second is set at such an angle that it can be used while leaving the head dry. Some people use cold, needle-like sprays on the three sides of the cabinet and a shower head above for a very stimulating type of showering. There are various types of sprays and water flows to suit these tastes.

In some installations nothing but the valves and nameplates (made of nickel, silver, gold or porcelain) show. In others all the pipes show. One shower installation shows a battery of vertical pipes, the pipes perforated their entire length, the entire system regulated heat and volume. Though open plumbing openly arteries. A few more words on the selection of materials. The length and a thermostatic device regulated heat and volume. Though open plumbing openly arteries. A few more words on the selection of materials. The pipes do not show, yet their doings are easily reported. However when a good firm installs the shower with the fixtures cavity re-packed from the outside, the hidden plumbing is a safe venture.

The soap dish and sponge rack are the only accessories needed in the shower bath—outside you can hang them up. Where the floor of receptor is slippery, a rubber mat or something equally stable should be used. Some mats come with rubber cups, so that it is possible for the mat to slide. These can be had in various sizes and shapes.

A mat directly under the shower valve is a necessity, for you are wet-footed and may slip on the bathroom floor unless the non-skid device is installed. If you are traveling in by-metals you have a brush device with shower valve which enables you to hang the mat up with you. Use it in connection with a faucet and an ordinary water basin, and it will be refreshing.

A few final words of caution, to be remembered when you are planning to install a shower:

1. Automatic mixers and thermostats are more or less dependable according to the manufacturer. They are made in various grades. Be certain of the permanent luxurious, but not absolutely necessary, it is not a necessity.

2. The valves of the thermostat should be near the entrance of the cabinet so that the arms or shoulders need not be exposed until the water is at the desired temperature.

3. If the piping is done well, you can temper your hot and cold water without little trouble even without the mixing valve.

4. Remember that you are urged to buy "half-lining" things which are sometimes excellent and sometimes rubbish. Be careful. Keep the bathroom rooms simple. Dispense with what is not dispensible and get what is essential. Let your bathroom be a suitable, study environment when possible.

5. Tiled or honed marble floors have proved the best. Porcelain for receptacles.

6. Before deciding on your shower, look at many manufacturers' things and select the simplest that is well made and of the best materials.

THE BOOK OF THE DAHLIA


The planting and raising of dahlias, to Mrs. Stout, seems no less important than it is in the establishing and developing of nations, and it is for this very reason that her book of the dahlia is so significant a volume. Taking the story of the dahlia so seriously, she has brought together in her charmingly and practically illustrated book, a volume of material of overwhelming interest to the student as well as the lover of this today most popular flower.

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Of Special Interest To You
Would-Be Greenhouse Possessors

WITH greenhouses as with autos and most other things, there are a certain few that are favorites.

Year after year those same favorites have continued to be favorites.

Such being the case, then, there must be certain very logical reasons for it. Reasons that will appeal to you quite as they have to others.

Appreciating such, it's a wonder we hadn't thought long ago to bring these favorite greenhouses together and make a special little catalog of them. However, we have done it now.

Done it in a most attractive way that we are sure will appeal to you and your love of flowers and growing things.

Five favorites are shown, among which unless we are greatly mistaken, you will find just the greenhouse that best suits your needs and fits your pocketbook.

There are plenty of photos of both exteriors and interiors, besides plans and ample description.

So complete is it, that without any further ado, houses have been purchased directly from it.

Mayhap you will do the same.

You are most welcome to a copy of this new Glass Garden Catalog.

"A Natural Dust Layer"

SOLVAY is especially suited for use on the drives and paths of country clubs and private estates. It is clean, has no odor, and does not "track". keeps road surfaces smooth, compact and free from dust and weeds.

SOLVAY GRANULATED CALCIUM CHLORIDE

is a white, chemical salt, easily applied and quickly absorbed by macadam, gravel or dirt. a combined dust layer and surface binder both economical and effective. SOLVAY comes in air tight steel drums ready to apply. No special equipment is necessary. SOLVAY is extensively used on private and public roads everywhere because of its economy, cleanliness and durability.

Copy of new illustrated booklet will be mailed postpaid upon request.

SEMET-SOLVAY CO., Syracuse, N. Y.
Lovely Wild Flowers of the Pacific Coast

Mariposa Tulips, Floral Firecrackers, Camassias, and Fritillaries are only a few of those which have been splendidly successful in Eastern gardens. To give you a "taste" of the garden novelties described in my book of California's Bulbs and Plants, I will send postpaid 100 fine Erythroniums (20 each of 5 sorts) for $2.50 if House & Garden is mentioned. The catalog will be sent free on request, ask for catalog "C".

My Perennial Plants have been gathered from all corners of the earth; a representative sample collection will be sent postpaid for $2.50, containing:

1. Campanula Grandiflora
2. Dianthus deltoides, Brilliant
3. Eryngium anthraatum
4. Gaura Lindheimeri
5. Gypsophila aulica
6. Heuchera micrantha
7. Mallow Marval
8. Salvia azurea grandiflora

2 Delphinium Hybridum (the very finest strain)

My catalog of Perennial Plants gives information on plant culture that is not found elsewhere. Send for catalog D if you want a copy.

Carl Purdy
Box 105, Ukiah, California

August Is Evergreen Month

Evergreens may be planted almost any month in the year, but they seem to grow better when they're moved in August, after the strong spring growth has been completed. They are able to establish roots before cold weather sets in, and so survive the winter with health unimpaired. Your only care need be to see that they get plenty of water; no other attention is required.

Plant generously, so that ten years from now you will avoid regrets. Many of our Evergreens are large enough to give instant screens as hedges; the White Pines and Hemlocks are especially well adapted to this use because of their form of growth.

Carload Lots for Less

The trees in this list can be supplied in large quantities. You'll find it advantageous to obtain a number at a time; the finished effect is much better and the planting is easily accomplished.

<table>
<thead>
<tr>
<th>Carload Lots for Less</th>
<th>Size</th>
<th>Each</th>
<th>Per 10</th>
<th>Per 25</th>
<th>Per 50</th>
<th>Per 100</th>
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<tr>
<td>White Fir...</td>
<td>3-4'</td>
<td>15.00</td>
<td>45.00</td>
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<tr>
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<td>9.00</td>
<td>45.00</td>
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<td>90.00</td>
<td>450.00</td>
<td>1125.00</td>
<td>2250.00</td>
</tr>
</tbody>
</table>

If you want to be sure that your order is filled promptly, please mention this catalog in your letter. My Perennial Plants are best in every way; they are guaranteed to grow and give satisfaction or we'll replace them free. Your only care need be to see that they get plenty of water; no other attention is required.

You Can Buy Shade

Nice big trees that will give immediate shade are obtainable at Hicks Nurseries; Pin Oaks, and Chestnut Oaks that are 20 feet high; Maples that are 25 feet high, with a limb spread almost as great; Lindens that are equally well developed. They are guaranteed to grow and give satisfaction or we'll replace them free. Come to the nursery and see them, or send for our catalog.

Hicks Nurseries
Box H, Westbury, Long Island, New York
Pot-grown
Strawberry Plants

DREER'S
Mid-Summer Catalogue

offers a choice list of
Strawberries, including
the best ever-bearing
sorts, and gives full direc-
tions for planting so that
you will raise a full crop
of Strawberries next
year.

It also offers a select
list of Celery Plants, Sea-
sonable Vegetable, Flow-
er and Farm Seeds for
Summer sowing. Garden
Implements and Tools,
Fertilizers and Insectici-
des.

Write for a free copy
today and kindly men-
dion this publication.

HENRY A. DREER

714-716 Chestnut Street

The Brand Peony Farms

The largest plant breeding establishment in
the world that is devoted to the originating of new
varieties of the Peony.

Last year the members of the American Peony
Society voted upon the comparative merits of all
the good named peonies of the world. Accord-
ing to this vote where a flower received not less
than 20 votes there were 22 varieties that received
a vote of 90 or better.

Of these 22 world's best Peonies 4 are
BRAND VARIETIES

This year, at the great London Show, the Ameri-
can Peony Societies first great International Show
held at London, Ontario, Canada. In a large
class we showed 9 different New Brand Seedings
and upon those 9 entries we were given Three
Awards of Special Merit. The only awards made
in the Seedling Class at this show. These awards
were made by Judges Fekw, Farr and Norton.

Next year we will have blooming on our grounds
over Eighteen Thousand different seedlings from
carefully selected seed, which will bloom then for
the first time, together with some Twenty differ-
ent selected new seedlings to bloom in our show
beds that are as fine as anything we showed at
London.

If you wish good stock grown in Minnesota's
Virgin Soil in such superb Brand Varieties as
Brands Magnificent, Charles McKellip, Chestine
Gowdy, E. B. Browning, Frances Willard, Judge
Berry, Longfellow, Lora Deylemeier, Mary
Brand, Richard Carvel and Martha Bulloch; or
if you want any others of the world's very best
peonies

Send 25c for our New 1922 Peony Catalogue. This
catalogue is compiled with the greatest care and is

Virtually a Peony Manual. It tells you every-
ting you may wish to know of the care and dif-
ferent varieties of the Peony. It gives you advice
based upon a lifetime spent with this one flower.
The 25c will be credited against your first order
amounting to two dollars or more.

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New Price List free.

BRAND PEONY FARMS

FARIBAULT
MINNESOTA
Your Last Chance

To get these Extraordinary Bargains in Quality Bulbs at Import Prices. Don't fall into the error of supposing that Bulbs are just Bulbs! There is a vast difference—and the results show. Get these superior top-notch-quality Bulbs at the price of the ordinary kind! An advance order means a very considerable saving!

Remarkable Values in Bulbs for Outdoor Planting

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<thead>
<tr>
<th>Bulb Type</th>
<th>Assortment</th>
<th>Price</th>
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<td>100 Darwin Tulips, finest assortment</td>
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<tr>
<td>100 Breeder (&quot;Art&quot;) Tulips, finest assortment</td>
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<tr>
<td>500 Single Early Tulips, finest assortment</td>
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<tr>
<td>100 Daffodils, Double Varieties</td>
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<td>100 Daffodils, Large Trumpets (Jumbo)</td>
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<td>100 Peony Narcissi</td>
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<tr>
<td>100 Crocus, Finest Assortment</td>
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<td></td>
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<tr>
<td>Total value</td>
<td>$82.00</td>
<td></td>
</tr>
</tbody>
</table>

Special Offer for Above Collection of 1,000 Choicest Bulbs...$38.00 (or 500 at $20.00)

Delivered FREE with every order (be sure to add 20c)

Delivery is guaranteed, or we will refund your money if they do not arrive. Bulbs are shipped postpaid as soon as received. If you send cash with order, do "Mail Order" free with every order.

To avoid disappointment, please order immediately!

Scheck's Bulbs
26 West 59th Street
New York

Now that August is Here

let us remind you that you can transplant EVERGREENS safely now.

We have made evergreens one of our specialties for many years and we can furnish healthy, vigorous, well-grown plants that will commence to repay you at once in satisfaction.

Let us also remind you that the latter part of this month and early September are not too early for making PERENNIAL plantings. Are you acquainted with the varieties of these delightful plants that we have to offer?

Whether you are or not, you will probably be interested to receive a copy of our Hand- book of General Information on Trees and Hardy Plants. This is entirely free and will be gladly sent you if you will ask us for a copy.

The Bay State Nurseries
W. H. Wyman & Son, Proprietors
Northampton, Mass.

PEONIES & IRIS

All the newest European and American introductions

Highest awards by American Peony Society.

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Movilla plants are unsurpassed for vigor and freedom of bloom.

Descriptive catalog compiled by James Boyd and John C. Wister—30c. Price list free.

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Luscious Strawberries

Fresh from the Picking

THEY add the crowning glory to the home garden plot—the final satisfaction to the perfect meal. Their culture is a pleasure—their flavor a delight.

Pick Your Own from LOVETT'S POT-GROWN STRAWBERRY PLANTS

Berry growers for Almost Half a Century

Each grown in an individual pot and shipped direct to you from the select stock of America's foremost berry cultivators.

An attractive little book, No. 10, tells about the varieties and their care. Mailed with pleasure on request.

J. T. LOVETT
531 Sycamore Road, Little Silver, N.J.

Beckett's Bulbs
1922

Rare New Darwin Tulips of Unsurpassed Beauty

AMONG our 1922 direct importations, the following new Darwins excel in grace of form, brilliancy and cleanliness of color, and staleness of growth.

Afterglow. Deep maroon orange with salmon-edged petals; inside deep orange. First and only Darwin running to Teddy tones. 35c each; doz. $3.50; 100 $25.00.

Bleu Aimable. Beautiful pale lavender-blue, white base, bright violet-blue center. Each 30c; doz. $2.50; 100 $17.50.

City of Haarlem. Giant flower. Intense scarlet crimson; almost blue base and white halo. Each 40c; doz. $3.00; 100 $20.00.

Chant de Cygne (Swan Song). Glowing cerise, shaded rose. One of the finest and most gorgeous Darwins. Each 25c; doz. $2.50; 100 $17.50.

Louise de la Valliere. Clear, delicate rose, shaded white. Long oval of exquisite form. For pots and outdoors. Each 50c; doz. $2.50; 100 $15.00.

President Taft. Deep crimson; effective contrast with its dark green foliage. Sturdy grower. Each 25c; doz. $2.50; 100 $15.00.

ASSORTMENTS

One of each (36) $1.50
Six of each (108) $3.00
12 of each (180) $6.00

Beckett's Seed Store
Dept. H
N. S., Pittsburgh, Pa.
King
GREENHOUSES
keep the summer climate and the beautiful flowers with you twelve months in the year.
Attached to your home, a King house adds an extra room where you can study nature when other gardens are dead, dreary and snow covered. An interesting booklet on greenhouses for private use has been prepared. Send for it to-day.

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The dignified estate, the delightful place near town, the cozy bungalow, all are advertised in the Real Estate Mart of House & Garden.
Now is the Time to Buy
Many real estate bargains are being offered now that ever before. We are in constant touch with brokers who specialize in selected localities throughout the country. They can find you what you want if it is obtainable. Call upon us if we can serve you—there is no charge—the service is for the benefit of our readers.
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Little Tree Farms
Friendship Offer for Fall

Six Splendid Evergreens
of the six hardest and most popular varieties—Big rooted, vigorous, full of joyous life—How can you spend ten dollars to yield greater satisfaction than to plant these six specimen plants this Fall?
This collection includes—
One Blue Spruce
One Arborvitae
One Prostrate Juniper
One Douglas Fir

ALL FOR TEN DOLLARS
These evergreens range from 3 feet in height to 1½ feet in spread, their roots wrapped in burlap, a ball of native loam around them. The whole shipment carefully crated and delivered to the express at Framingham, Mass., on receipt of your remittance, which must accompany order.
This selection is limited, order promptly.

Rosedale Nurseries
77 Varieties
Sizes; 1 ft. to 25 ft.
MANY landscape architects turn instinctively to us to meet their Evergreen specifications. They have learned to place dependence on the vigor and beauty of our trees. One firm, who lost only three trees out of an order of $8,000, came back last year with another order for nearly the same amount.
Rosedale Nurseries are also a good place to get both ordinary and extra sizes of Deciduous Trees, Tree and Bush Fruits, Flowering Shrubs, Roses, Peonies and Hardy Perennials. A trial order will convince you. We shall be pleased to correspond regarding any planting problem. Write for free catalog.

Rosedale Nurseries
Outfitters for the Home Grounds
S. G. HARRIS, Owner
Box H
Tarrytown, N. Y.
Do you know why birch is so widely favored for interior finish and furniture by those who know most about woods and their qualities?

It is mighty well worth your while to know if you are going to invest any money in furniture or in a building.

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