TIFFANY & CO.
JEWELERS SILVERSMITHS STATIONERS

DIAMOND RINGS
Emerald-Cut, Marquise and Round Diamonds

MAIL INQUIRIES RECEIVE PROMPT ATTENTION

FIFTH AVENUE & 37TH STREET
NEW YORK
ACACIOSA
Parfum de Jeunesse
CARON
Paris
The original of this graceful desk was presented to George Washington by General Lafayette. This Kittinger reproduction in Solid Mahogany possesses all the charm and character of the original, and makes it possible for you to enjoy the beauty and generous utility of this historic desk in your own home.

An appropriate swivel chair and a Philadelphia Chippendale arm chair, both in Solid Mahogany, complete this setting for the Colonial or Georgian interior.

Visit The Kittinger Showroom Nearest You

In Buffalo
The attractive showroom at our factory Exhibit... 1872 Elmwood Avenue... is shown below.

In Chicago
At 433 East Erie Street
Near Lake Shore Drive

In New York
At 385 Madison Ave.

In Los Angeles
At the Factory
1300 S. Goodrich Blvd.

Kittinger Distinctive Furniture

© 1931, Kittinger Company
DIFFERENCE OF OPINION

We are told that moderns who approve each other's cars, lipsticks and contracts differ decidedly about these two designs in sterling... The difference goes deeper than mere opinion, of course! If you adore the modern-Grecian influence, you'll adore Lady Diana too. If you've gone 1931-Victorian, Chased Diana will enchant you. Personalities are happily mated, this year, to both Paris models and Towle sterling.

This is a wonderful year to buy sterling! Prices are less than for many, many seasons. "Lower prices" on many things, this year, may mean correspondingly lower quality. But the purity of sterling silver, you must remember, is fixed by government standard. And its social status is as unexcelled as ever.

At current prices, there can be no difference of opinion about the advisability of buying Towle sterling now.

Complete Matching Services at New Low Prices
(These prices are for Lady Diana—Chased Diana is slightly higher.)

6 teaspoons now cost but $8.50
A set of 20 pieces of Lady Diana to serve informal luncheon for four persons (teaspoons, dessert forks, dessert knives, salad forks)—$48.00.
A set of 84 pieces, a family set—serves 8 people comfortably and correctly—$223.00.

The flowing lines of the Lady Diana flatware are reflected in every piece of the complete matching service. Pieces pictured directly above: sandwich plate $30, jelly dish $15, compote $20, candlesticks $75 per pair.

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Beverage glasses that have a delightful zest are these in a set of four: one with red stripes, one yellow, one green and the other blue. Made of blown glass with gaily hued figures in a hollow ball stem and tipping the ends of fruit picks.

THE SET COMPLETE

$7.50

Mail and Telephone Orders
Gilbert Rohde
Distinguished member of the American Union of Decorative Artists and Craftsmen

CREATES

A NEW MODE IN FURNITURE

NOT EVEN PARIS has produced anything to compare with this Rohde Contemporary Furniture. It's smart, modern. Yet its dignity, its sound good taste, make it fitting for any type of room. The wood is a warm rich brown. The special upholstery is a harmonious pattern of brown and tan shades. And deep spring-filled cushions make it gorgeously comfortable.

NOTHING in Europe—nothing in America—approaches the new Heywood-Wakefield furniture. That's the verdict of famous designers and prominent decorators. "Amazingly modern ... without being extreme," they say. "Striking, unusual ... with sound good taste in the lines of every piece."

Your own good taste will say it, too, the minute you see these new designs. You'll instantly visualize them in your home—bringing character to a difficult corner, lifting a whole room out of the ordinary.

Plan to see them soon ... sit in them ... note how cleverly they are shaped ... so comfortable that you just can't help settling back on the deep cushions.

And exquisitely upholstered, of course, in the very newest fabrics. In fact, each smart pattern was specially chosen for design and color harmony by Isabel M. Croce, well-known expert on upholstery.

All the better stores are showing this new Heywood-Wakefield furniture. Take a minute tomorrow and see it for yourself.

Heywood-Wakefield
EXECUTIVE OFFICES, BOSTON, MASS.
Makers of Fine Furniture
We have chosen four service plates and four glasses, to give you an idea of the variety of our collection.

THE PLATES
Top . . . . $198.00 dozen
Center . . . . 59.75 dozen
Lower left . . 297.00 dozen
Lower right . . 198.00 dozen

THE GLASSES
Upper left . . 74.50 dozen
Upper right . . 74.50 dozen
Lower left . . 99.75 dozen
Lower right . . 99.75 dozen

Macy's
34th Street and Broadway, New York
THE ORIGIN OF BIEDERMEIER • Throughout the dreary dawn of the 1800s, Germany was almost continuously warring—over-run by Napoleonic troopers. Then came the respite of peace, the growth and prosperity of a large middle class—the German Bürgerschaft who were hardworking, thrifty, economical, conservative . . . fond of comfort, yet suspicious of elegance.

Either too poor or too prejudiced to follow the current and beautiful Empire furniture . . . they took these graceful forms from France and added a little here, subtracted a little there. With the result—a furniture known as Biedermeier—perfectly reflective of the state of mind of the times. Biedermeier is almost pure Empire in form—yet with a naive colorful grace added. It is marked by simplicity, clearness of line and color.

And all decorators have discovered it to be marvellously compatible with our modern Dynamique furniture. See our collection in the Biedermeier manner.

JOHNSON FURNITURE CO.
JOHNSON-HANDLEY-JOHNSON CO. • GRAND RAPIDS, MICH.

CREATORS OF FINE PERIOD AND MODERN FURNITURE
KENSINGTON FURNITURE

AWARDED GOLD MEDAL OF HONOR IN NATIVE INDUSTRIAL ART
39TH ANNUAL EXHIBITION ARCHITECTURAL LEAGUE OF NEW YORK

CHIPPENDALE CARVED MAHOGANY BEDROOM GROUP, by KENSINGTON

The Character and Scope of Kensington Bedroom Furniture

KENSINGTON bedroom furniture, while retaining the character and the charm of old work, is designed for the home of today. It is as convenient and adequate in service as it is decorative.

Whether the need is for a bedroom with the quiet elegance of a Georgian mansion, or the simple charm of an English cottage or Colonial farmhouse, a wide choice of distinctive and beautiful furniture is found in Kensington designs.

All Kensington Furniture is made and finished by hand throughout in the best possible manner, and is a permanent investment in beauty and utility.

Examples of all of our work may be seen at our Showrooms, arranged so as to give an accurate impression of how the furniture will look in the purchaser's home.

The purchase of Kensington Furniture may be arranged through your decorator or furniture dealer.

KENSINGTON MFG. COMPANY
MANUFACTURERS
DECORATIVE FURNITURE
NEW YORK
SHOWROOMS, 41 WEST 45TH STREET, SIXTH FLOOR

Write for illustrated Booklet H and pamphlet, "How Kensington Furniture May Be Purchased"
The Third
International Antiques Exposition
February 27 to March 7, 1931

Opens Friday evening, February 27th at 8 o’clock. Every succeeding day from 10 A. M. until 10:30 P. M. Closes Saturday night, March 7th, at 10:30 P. M.

Will far surpass its predecessors in magnitude and in the variety, excellence and elaboration of its displays

Timed to synchronize with the rising tide of American prosperity, the Third International Antiques Exposition is assured of an exceptionally large attendance on the part of the buying public eagerly returning to the market for antiques and the fine arts. It will present the finest collection of authentic antiques ever assembled—an array of hundreds of magnificent, historical, romantic objets d’art.

Among the prominent dealers and decorators who will exhibit are the following:

Arthur S. Vernay, Inc.
Ackerman Galleries
Baron Vaux de Vay
Norman B. Adams, Inc.
Lorenzo & Bro.
Edward J. Farmer, Inc.
R. F. Dawson
Stahl & Andrew, Inc.
Ruth Albert & Elsie Asberger, Inc.
M. Grisso Co.
James Robinson
Louis Allen
P. Jackson Higgs
Freeman of London
Old Print Shop
McMillan, Inc.
Diana Tate & Marian Hall, Inc.
Philip Savill
Ashley-Kent, Inc.
Howard & Co.
Charles of London
Wm. H. Plummer & Co.
Elinor Merrell
Ginsburg & Levy, Inc.
Roy Grossman Thomas
Miss Shutter, Inc.
Iron Gate & 3 Carly St.
Hudson Forwarding & Shipping Co.

Chest-on-Chest
Hastings & Treman, Inc.
A. L. Bandon
J. G. Valliant Co.
Old Treasure Chest
Van Ness & Stacey, Inc.
Katharine Hartsorne
Louis XIV Antique Co.
Edith Parker Bryer
Britten-Ellis
Josephine Roswell
Rign of the Ship
Valina, Inc.
Mrs. D. B. Fronier
Joe Kindig, Jr.
W. B. Holmes
Webster Place Antique Shop
Gulley & Lindsey
O’Coo’c’s House
Edith Doughs Deane
Carlynn Curtis
Miss Gleen, Inc.
Josephine L. Barnes
Sarah Penman
K. Rosenblatt
Stone Batter Antique Exchange

Emmons Gallery
Ye Shopping Stones Shoppe
Hettie Rhode Moad
The Dodge Dodge Shop
Décor
Diane des Monte, Inc.
Ralph Randolph Adams
Cohan-Meekerk
Arden Studios
McKinna’s
Nathan Schneider
Ferdinand Keller
Miriam M. Stevenson
Butterworths, Inc.
E. Freeman & Son, Inc.
Walter Johnson
Mrs. George Talma
H. Douglas Carey & Co., Inc.
Tobin Co., Inc.
Rosen, Codd, Elson & Co.
Newark Galleries, Inc.
Mary Howard, Inc.
Edward Garett, Inc.
Roland Moore, Inc.
John S. Mitchell
Opportunity Shop, Inc., A.I.C.P.
Mittelholfer Strauss
Elizabeth H. Posey, Inc.
Roth McCrachen
Little Treasure Shop
Stevie Nagham, Inc.
The Bristol Co.
L. Sack
J. W. Newton
W. S. Robin & Co.
Van Ness & Staley Co.
Childhood, Inc.

Among the prominent dealers and decorators who will exhibit are the following:

Bird & Elliott
Peter A. Zucchi
The Antiquarian Magazine
J. W. Needham, Ltd.
60th Antique Shop
L. Richmond
Barrett
The Rosenbach Co.
Molly MacNamara & Emma Hoyt, Ltd.
I. Sack Cabinet Hardware Co.
Wallace Nutting
Audrey Talcott
Rudolph E. Condon
Good Furniture & Decoration
Interior Architecture & Decoration
Francis Brownman, Sons
Edouard Jonas of Paris, Inc.
Koogman
The Val-Kill Shop
House & Garden Magazine
G. L. Tilden
E. K. Walls
Johnson’s Rock Store
Society for the Preservation of New England Antiquities
Charak dining room suite, consisting of American Hepplewhite three-part table, shield back chairs, and buffet, with Chippendale china cabinet.

Charak American Chippendale block-front secretary-bookcase in mahogany. This is of the best Colonial type, period about 1770.

CHARAK FURNITURE represents a sincere effort to produce, through the medium of real craftsmanship, Early American designs that shall be in every respect worthy of the originals. Every piece of Charak Furniture is custom-made by craftsmen chosen for their experience, skill, and devotion to their work. The finest selected mahogany and maple are used exclusively on surfaces everywhere—solid mahogany or solid maple where advisable. Mahogany is used exclusively for drawer interiors. Every piece of furniture is dull hand-rubbed, resulting in the finest finish obtainable. You will find much to interest you in a call at any of our showrooms but, if that is not convenient, we suggest that you write for a copy of “The Charak Primer.” It will be sent without charge.

CHARAK FURNITURE COMPANY, INC.

Faithful Reproductions of Colonial and Early American Furniture in Mahogany and Maple

Purchases made through your decorator or dealer

FACTORY AT BOSTON, MASSACHUSETTS

NEW YORK, One Park Avenue

LOS ANGELES

PHILADELPHIA

BOSTON

90 Clarendon St.

CHICAGO

KIMBALL, REYNOLDS & WILL CO.

623 S. Wabash Ave.

F. G. BINGHAM, 7216 Beverly Blvd.

2209 Clarendon St.
SLOAN ROCK CRYSTAL

TO HARMONIZE WITH YOUR DINING-ROOM

Past masters in the art of gracious living, are these charming people who live and entertain in harmonious rooms. The appointments of the dining table, particularly, must harmonize with the rest of the room, as surely as jewelry with the costume. Peasant glassware, for instance, is a white elephant in a classic dining-room of 18th Century inspiration.

Now that the more feminine, gracious periods of decoration are dominant, rock crystal with its gem-like quality is very much in vogue. The designers of Sloan Rock Crystal have created patterns suitable for all types of rooms in current favor...18th Century English, American, French; Directoire; Victorian; and Contemporary.

You will prefer Sloan Crystal for its sparkle, the exquisite cutting of the numerous designs and the well-proportioned shapes of the goblets, tumblers, all types of beverage glasses, cocktail and liqueur glasses, sherbet glasses, finger bowls and plates.

SLOAN ROCK CRYSTAL WARE
RINGS LIKE A BELL

SLOAN

ROCK CRYSTAL WARE

LONACONING MARYLAND

Sloan Rock Crystal Ware in fifteen patterns, including all types of glasses, goblets and plates in three sizes, may be obtained at Gimbel's, New York; Carson, Pirie & Scott, Chicago; Snellenberg's, Philadelphia; A. Stowell & Co., Inc., Boston; Ed. Schuster & Co., Milwaukee; Sterling & Welch Co., Cleveland; Kress, Newark. If your favorite store does not carry it, write direct to Sloan Bros. Rock Crystal Ware, Lonaconing, Md. Prices to suit every purse.
The Mellow Colors of CELANENESE Express the Delicate Beauty of the Directoire

THE graceful, feminine quality of the Directoire setting — favored in the current revival of feminine fashions — finds a harmonious decorative accent in draperies of Celanese. The luxurious textures . . . the soft, clear colors of Celanese . . . reflect the subtle beauty of this charming period without disclosing the sturdy features of these modern synthetic textiles. Celanese Decorative Fabrics have a natural, heavy suppleness — entirely free from loading . . . they are not harmed by rain or dampness . . . do not shrink or stretch . . . will not mold or mildew . . . do not split or crack . . . and may be cleaned repeatedly without losing their lustrous beauty of texture and luminous quality of color.

CELANENESE Decorative Fabrics

Celanese yarns, fabrics and articles are made of synthetic products manufactured exclusively by the Celanese Corporation of America, 180 Madison Avenue, New York
Whether you desire authentic antiques here you will find the answer to your needs in Mantels

The Wm. H. Jackson Company’s activities in the creation and importation of fine mantels are a revelation to all who wish to add authentic beauty to their hearths and homes. Whether you wish a rare and costly antique mantel, or a facsimile of some museum piece worth thousands of dollars, Jackson stands ready to serve you. Whether you desire the classic simplicity of the Brothers Adam and their illustrious contemporaries Percier and Fontaine...the elegance of the Empire...or the richly ornate styles of the Renaissance...Jackson is equally prepared to supply your needs. Whether your interiors be “early” or “late” — English, French, Italian, Spanish or Colonial — this century-old House, with its wide experience in the creation and collection of objets d'art, is eminently qualified to provide mantels of distinguished beauty and decoratively appropriate style, size, period and nationality. The Wm. H. Jackson Company is not only a direct importer of Marble and Stone Mantels (both authentic antiques and modern reproductions) but duplicates many of these Old World masterpieces in Cretan Stone, an exclusive Jackson product, which rivals natural stone itself, in hardness, texture and beauty. Jackson Mantels, and other Jackson Fireplace Accessories created to dramatize the hearth and make it a vital factor in the decorative scheme, may be seen at the Jackson Galleries in New York and Chicago and in other cities at those well-known establishments which serve you as Jackson’s Exclusive Representatives. (See panel at right).

Authentic reproduction in Cretan Stone of a fine Adam Mantel, revealing the Italian influence which marks some of the best examples of this artist’s work. Cretan Stone is an exclusive Jackson product, composed principally of finely crushed marble. It permits modeling, chiseling and tooling of the highest character.

Over a hundred years of service to the...
or charming modern reproductions

Complete Fireplace Ensemble furnished and installed by the Wm. H. Jackson Company. A beautiful Louis XV Marble Mantel imported from France by Jackson and equipped with appropriate Period Armoires, Metal Linings and Cove Frame of Jackson design and manufacture.

JACKSON COMPANY

2 West 47th Street, New York
318 No. Michigan Ave., Chicago
At last the bedroom has come into its own. We moderns have discovered that not only do we sleep in our bedrooms but wake up in them... sometimes breakfast in them... even receive our friends in them. And so all the resources of modern wallpaper are called upon to aid in making bedrooms gay or alluring... stimulating or restful as the temperament of the owner dictates.

The right wallpaper can work a lovely magic in your bedrooms, too... emphasizing the sturdy masculinity of this room... making that one suavely elegant... the other sweetly chic. With its aid dull rooms take on a refreshing newness... ill assorted furniture an unexpected harmony. And every morning the members of your family wake to walls that reflect their varying personalities... that whisper sophistication or naiveté... are dignified or gay.

Because, today, the range of wallpapers—classical, semi-classical and modern—is so wide... and because the effect of varying patterns on the apparent size and shape of a room is so different... to help you the Wallpaper Association has published a handbook. This tells you almost everything you want to know about decorating with wallpaper. 10c will bring it to you and with it comes the right to free advice at all times on your individual decorating problems.
An inexpensive personal car
of quality and charm

Of course, the modern woman wants the car she calls her own to be attractive. That's why Fisher designers have styled the new Chevrolet Six with a smart new swing to its lines and a smart new sparkle to its colors. And if you think charming interiors are exclusive to costly cars, by all means see what has been done in this new Chevrolet. The wide, deeply cushioned seats are smartly tailored in broadcloth or mohair. Fittings and trimmings are all of excellent quality and in excellent taste. And there is really every bit of the comfort and convenience to be found in expensive cars. In the matter of mechanics, you can take this new Chevrolet for granted. It is a thoroughly well-built car—swift and smooth—extremely easy to handle and comfortable to ride in. All in all, the new Chevrolet Six is the kind of smart personal car that one takes some little pride in owning and a great deal of pleasure in driving.
How small is your budget?

...never mind! Don't let your budget scare you away from Bigelow-Sanford rugs and carpets. As little as $20 will buy Bigelow-Sanford quality...superb quality that is made possible by the unrivalled resources of the oldest and largest of weavers.

A nearby merchant (name on request) will show you patterns and colorings designed by Bigelow-Sanford to meet your every need. Send for illustrated folders (free). For $1 a beautiful, bound book, *Decorating Your Home,* will also be sent. Bigelow-Sanford Carpet Co. Inc., 385 Madison Avenue, New York.

Rugs and Carpets by

BIGELOW-SANFORD

$20 to $180 9' x 12' SIZE

No rugs and carpets so varied as those by Bigelow-Sanford... designs, colorings and weaves for every type of home, every taste.
Golden hours—packed with pleasure

Every day is filled with pleasure . . . when you own a Chris-Craft. A world unknown to landsmen is yours to explore. ★ ★ Go where blue skies beckon; drink deep of sun and wind . . . and health. Log the miles slowly, or eat them up in a swift, exhilarating dash. ★ ★ Chris-Craft joins the young folks in their water sports. It carries family and friends in dry, deep-cushioned comfort on all-day trips. It is a necessary part of vacation or social life at the world's watering places. ★ ★ You'll enjoy Chris-Craft speed, beauty and luxury more, knowing these are safe, seaworthy boats . . . product of 44 years' experience . . . with the famous Chris-Craft V-type hull and double-planked bottom. ★ ★ A new Chris-Craft fleet, smarter and finer than ever, now awaits inspection . . . models suiting every taste as to size, speed, power and price; as outstanding in value as in beauty and performance. ★ ★ Plan, this year, to share the joys of motor boating, which Chris-Craft has made so inexpensive and easy to obtain. Your Chris-Craft merchant will gladly demonstrate . . . and explain the finance plan that enables you to buy out of income.

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CHRIS·CRAFT CORPORATION—1103 DETROIT ROAD, ALGONAC, MICHIGAN
NEW YORK DIRECT FACTORY BRANCH—1 WEST 52ND ST., AT 5TH AVENUE
"Late again! We'd better get a Telechron* Clock"

HOSTESSES’ nerves are calmer now. Servants are seldom disgruntled. Roasts don’t come to the table overdone. Dinners planned for eight o’clock begin at eight. All because Telechron electric time has made it almost unpardonable to be late for a social engagement!

A Telechron Clock keeps its owners on time. It owes its uncanny accuracy to the Telechron Master Clock in the power house.

By checking generator speeds to keep them constant, Telechron Master Clocks assure accurate time service to the alternating current electric outlets in your home and office. Simply “plug in” a self-starting Telechron Clock and this modern necessity is yours!

Telechron Clocks and Master Clocks were made for each other. Only clocks marked “Telechron” on the dial can bring true Telechron service.

At a nearby dealer’s (listed in the classified telephone directory) you’ll find a host of interesting models. Stately grandfather’s clocks for hall or stairway. Graceful tambours for the mantel. Quaint banjos for the wall. Attractive uprights for desk or dressing table. All built for beauty and precision.

Telechron Clocks are priced most moderately from $9.75 to $55. The Revere Clock Company of Cincinnati, Ohio, manufactures distinguished chiming clocks with Telechron motors, priced from $40 to $1200.

* Telechron is the trade-mark, registered in the United States Patent Office, of the Warren Telechron Company.

WARREN TELECHRON COMPANY
ASHLAND, MASSACHUSETTS
It is an old truth that the things we have around us make us largely what we are. The books we read, the friends we share, the disposition of our leisure hours... these, in their aggregate, mold and shape our lives.

And perhaps nowhere is environment so unmistakably revealed as in our personal belongings. Even with clothes (which do not make a man, but express his taste) good breeding has its influence. And breeding is even more apparent in the accessories with which a man surrounds himself... a toilet case, in tawny ostrich skin... a slim brown bill-fold, monogrammed... a private box for collars.

It is for this reason, undoubtedly, that so many cultivated people choose to own articles of fine leather. And leather especially becomes a man. He likes to run his fingers over its stubborn surface... to smell its honest, leathery fragrance. He knows that a gift of fine leather belongs with books and dogs and a gun. There is an intimacy about it that he treasures.

Frequently, such men govern their purchases of these articles by the presence of a tiny golden keystone R. That imprint, the seal of a high tradition, is to be found upon every piece of fine leather manufactured by C. F. Rumpp & Sons, Inc., of Philadelphia. In a word, it is your infallible assurance that the gift is good... pre-eminent because of beauty, taste, and character.

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

C-1... a pipe and tobacco pouch, the latter closed and opened with a slide fastener. In black and brown goatskin, pigskin, and ostrich. Patent applied for.

C-2... a toilet case, of cowhide, leather lined, with bronze locks or gilt locks, dependent upon the choice of black or brown leather.

C-3... a bill-fold, of ostrich skin, lined throughout, with compartments for identification cards, stamps, and business cards. With or without gold corners. The bill-fold also may be had in an assortment of beautifully grained camel and seal leathers.
WHEN THE GARDEN DOOR OPENS

Soon frozen lumps of lawn will thaw into welcome green, and gunny-sack cowls will be stripped off the rose-bushes... soon red and yellow sparks of tulips will burst into flame under the May sun... When you've opened the garden door for the summer—let it open on a world of bloom that lasts till the frosts of Autumn. Clouds of roses, dashingl
g\n\nd\n\ng\n\nd\n\ng\n\nd\n\ng\n\nd\n\ng\n\nd\n\ng\n\nd\n\ng\n\nd\n\ng\n\nd\n\ng\n\nd\n\ng\n\nd\n\ng\n\nd\n\ng\n\nd\n\ng\n\nd\n\ng\n\nd\n\ng\n\nd\n\ng\n\nd\n\ng

for scarcity of bloom. House & Garden will show you garden furniture for lazing under the evergreens, and the wisest ways to put your garden to bed in the Fall. It will help you make those jaunty summer curtains and slip-covers that seem to grow a garden indoors... it will later help you translate summer gaiety into winter dignity in all your household decorations.

House & Garden will not fail you—in the details, or in the important decisions about building, or decorating, or gardening. Send in the coupon to-day for a two-years' subscription. The price is only $4—a small premium to pay for two whole years of charm and beauty in your home.

2 YEARS OF HOUSE & GARDEN FOR $4

House & Garden, One of the Condé Nast Publications, Graybar Building, Lexington at 43rd, New York City

Enclosed find $4 for TWO YEARS OF HOUSE & GARDEN

Enclosed find $3 for one year of House & Garden
Established more than a century ago, Johnson & Faulkner for generations have been importing Old World fabrics to meet the most exacting requirements of the decorative trade. Decorators and their clients are cordially invited to visit the new Johnson & Faulkner Building, and to inspect, under ideal conditions, a comprehensive display of every type of high class fabric required in the decoration of the modern home.
You can't really enjoy a fine home if the air is dry, stuffy, and depressing. The Weathermaker gives you the clean, stimulating, comfortable air which comes from controlled humidity, proper temperature and uniform circulation.

A typical basement game room in a fine home in suburban New York. The Weathermaker is clean itself; it filters dust and dirt out of the air in your home.

The Weathermaker is automatic in operation. It comes in sizes for all homes. Ask your architect about it.
All winter long you can have
in your home the fine, bracing
air that you enjoy when
you play on the famous golf
courses of the world.

RIGHT IN
YOUR WINTER HOME
you can breathe the air others must travel to find

THE best salesman for the hotels of
Florida, California, and the Riviera is
the old-fashioned, stupid heating system.
Warmth does not make comfort when it
fills the home with hot, dry air which sucks
the moisture from everything it touches.
Such heating dries your skin and makes
you feel uncomfortable. Nasal passages are
robbed of resistance to colds and worse.
Your whole body is devitalized, and you
feel chronically mean and run down.
So you begin to yearn for the tonic of
Lake Tahoe, the sunny stimulus in the
blend of sea and mountain ozone of the
Maritime Alps—for Aiken or Miami, Ber-
muda or White Sulphur. It is not just a
warm sun that you seek when you leave
the luxury of your home for a southern
pilgrimage. You are being driven to a spot
where the air is clean and bracing.

No resort ever became popular that
could not boast of fine air. No home is
truly comfortable without it. You can, if
you wish, breathe all winter the air of
mountain tops and moors and piney wild-
erness, right in your own home.

You will have to read a little book to
get the whole story, but we have room for
a brief digest. The secret of stimulating,
health-giving air is a combination of the
right temperature, the right amount of
moisture, the right amount of circulation,
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That is exactly what the Carrier
Weathermaker provides. The Carrier
Weathermaker does not stop at being an
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of moisture that makes you feel at your
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room in your house. In every
part of the house there is com-
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Where health is guarded by the Weather-
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Isn't that promise enough to cause you
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Of course, the Weathermaker sometimes
costs more than an ordinary heating system.
The additional cost might be as great as that
of a modest vacation to some place where
the air is good. It might equal the cost of
constantly repairing furniture and keeping
the piano tuned. It might be as much as
you have been paying doctors, nurses, throat
specialists, and hospitals.

But those who have installed the Weather-
maker are enthusiastic in their agreement
that it is worth all it costs.

At least send for our book—free, of
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modern, sensible way to keep well and
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Warms - Humidifies - Cleans - Distributes

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Have you ever been without HOT WATER?

The convenience of hot water is taken for granted... until something happens—usually to the tank. For years it has been generally recognized that the service given by hot water systems has been limited mainly by the durability of the metal from which the tank was made. It has been common practice to use tanks made of rustable metal which did not last as long as the purchaser had a right to expect.

Well-made copper tanks have been used for many years with entire success; the principal objection being their higher price.

Now, hot water tanks are being made of a new metal—Everdur, a copper alloy which actually exceeds copper in durability and possesses the strength of steel. Everdur is easy to weld; making possible, for the first time, volume production of rust-proof tanks at moderate cost.

The soundness of welded construction was demonstrated by a leading tank manufacturer. Two welded Everdur tanks, taken at random, were subjected to a test in which the internal pressure was regularly alternated between 0 and 150 pounds per square inch, simulating the extreme effects of expansion and contraction encountered in actual service. The test was carried on for more than one thousand hours—equivalent to forty years' service. At the conclusion of the test, the tanks were critically inspected and found to be in perfect condition.

Tanks of Everdur are available for all types of hot water systems in general use. Whichever type is selected, the durability of an Everdur tank makes its somewhat higher first cost a wise investment... both from the standpoint of money actually saved in repairs and replacements, and of freedom from annoyance and inconvenience.

For further information address The American Brass Company, General Offices: Waterbury, Connecticut.
HONORABLE HORACE WHITE OF NEW YORK is the owner of the Pierce-Arrow in the photograph—a car which has been in the constant service of the former Governor and his family since 1917.

The Convertible Sedan of Group B... $3650 at Buffalo

SURVIVAL VALUE • A PIERCE-ARROW FUNDAMENTAL

What community today is without its ten- or twelve- or fifteen-year-old Pierce-Arrows... still superbly patrician, still rendering distinguished service to the original owners? Therein lies the deepest-rooted, most foundational, of all Pierce-Arrow characteristics—a quality that has been called survival value.

Because an essential part of its beauty is in its character... a part that is unchanging... the Pierce-Arrow of yesterday, or of a decade ago, finds complement in the smartest of today's models. And thus a great Pierce-Arrow fundamental becomes also a fine safeguard for each Pierce-Arrow owner's investment.

Twenty-nine New Models... with Free Wheeling... from $2685 to $6400 at Buffalo. (Other Custom-built Models up to $10,000.)
No other sheets so cool, so fine, so sleepy-smooth

If you have ever slept between Wamsutta sheets, with a Wamsutta pillow case as smooth as a snowdrift under your head, you'll know that this* is a true statement. But if it challenges your belief, please don't take our word; just compare Wamsutta with other sheets at any department store. The feel of the fabric in your fingers will show you the almost invisible difference in texture which has been spun and woven into this incomparable sheeting. What you can neither see nor feel, though, is the amazing strength of Wamsutta . . . but good hard wear and washing will prove that to you soon enough.

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NEW YORK SALES OFFICE, 180 Madison Ave.

WAMSUTTA PERCALE SHEETS & PILLOW CASES
"... Now let me tell you about my building operation"—Women who live in Celotex-insulated homes are the very best salesmen we have. We cheerfully credit thousands of sales to tea-table conferences like this one.

Why houses that men build today succeed as homes for women

A lot of the credit belongs to wives, as every woman knows. For they learn and remember a great many facts that husbands have learned and forgotten.

Take insulation, for instance. Your husband knows he wants an insulated house. The architect and the contractor wouldn't build any other kind nowadays.

Probably he's ready to agree that Celotex "is the best all-round insulation in the world"—for any one of several thousand building authorities might have told him so.

Nevertheless, it's you we are counting on to see that your new home is actually insulated with Celotex.

You know too well the weakness of the old story—"something just as good." And we're sure you'll remember such sound and practical buying points as these:

Celotex does the main job to perfection—shuts out winter cold and summer heat—makes it easy to keep comfortable with much less fuel, no matter what the weather is doing.

Celotex is permanent—can never settle or sag—provides just as effective insulation after ten years as it does the first week.

Celotex takes the place of other building materials, so that you secure insulation at a very slight additional cost.

Celotex reinforces walls and roofs—is neither too rigid nor too flexible to provide the utmost structural strength.

Celotex has a toughness that gets it into the house in first class condition.

This could go on indefinitely. We'll finish by saying that this all-round excellence of Celotex has caused it to be chosen and used in over 325,000 homes and by more than 25 makers of refrigerators.

The rest of the facts and figures are waiting for you—in the capable hands of your own lumber dealer.

Get in touch with him, now. He'll give you your copy of our new booklet "Celotex Cane Fibre Insulation."

If you buy your new home, remember to look for the Celotex Sign—your assurance of greater home comfort.


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The word Celotex (Reg. U. S. Pat. Off.) is the trademark of and indicates manufacture by The Celotex Company

For plastered walls and ceilings, there is Celotex Lath—the insulating plaster base, designed with beveled, overlapping joints that reinforce against plaster cracks and eliminate lath marks.
They don't mind if their clothes look a bit frumpy. It doesn't seem important to them to keep their skins fresh and their faces young.

They don't really care whether their dinner parties are smart, or whether their houses have charm.

A hat is a hat to them—or, more accurately, a head covering. They don't realize that keeping up with fashion means keeping up with the times, keeping young in spirit as well as in looks, keeping vital and interesting.

Usually, their husbands feel differently about these matters, and, almost always, their children are embarrassed. Only their acquaintances really enjoy this attitude—as a never-failing subject of gossip.

If you're one of these women, there's no need to read on. But if you're any other kind, you'll gain immeasurably by signing the coupon below. For, as a result, Vogue will come to your door twice a month, bringing information on every phase of fashion, from hem-lines to hair-lines, from sables to salads. You'll find Vogue helpful in telling you what other smart women do, and incredibly stimulating in spurring you on to efforts of your own.

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THE new garden furniture is both good to look at and extremely practical. What with all the waterproof and sunfast fabrics that are available, the cushions are now as durable as the framework itself. Ruth Collins has recently developed a number of pieces for porches and gardens that incorporate many features of contemporary design. The framework of one of the chairs which she is featuring is of iron and in the surface of back and arms has been cut an effective thistle design. The seat is of reed, woven in an open, square pattern that prevents the retention of moisture—a desirable feature in any furniture to be used out-of-doors. To match the chair there is a glass-topped table which may be had in three shapes—round, square or hexagonal. This set can be finished in any desired color, with the chair seats of natural reed. The pieces we saw were a particularly good shade of green. Another product of the same establishment is an observation bench for use beside the tennis court or swimming pool. It is made in three sections, which may be fitted together to form a single bench or used separately, and seats, in all, seven persons. Removable cushions covered in a waterproofed material which may be had in any desired color fit snugly into the iron framework.

FOR the formal garden nothing is more distinguished than a stone or marble piece executed in the classic tradition. Of this type of garden furniture, there is a large and interesting collection to be seen at the Erkins Studios, among which are many copies of decorative Italian pieces. A characteristic stone vase, for garden wall or terrace, is ornamented in bas relief with a procession of dancing cherubs and garlanded flowers. The familiar egg and dart motif and the acanthus leaf are the ornamental features of a graceful marble fountain, in the center of which a small boy rides astride a dolphin. Here may also be found numerous pieces of Florentine pottery whose delightfully variable tones provide a charming and emphatic background for plant greens. Especially when these crude jars have been filled with Ivy or some other of the trailing plants do their deep cream and light red shadings become the most effective.
Furniture of wicker is traditionally associated with garden comfort. A small kidney-shaped settee of natural color rattan, seen at the Grand Central Wicker Shop, would be equally usable in a garden, sun room or on a terrace. The cushion, which is covered in green weatherproof fabric with a black stripe is the sole note of color on this piece. Among the new garden furniture sponsored by the Sons-Cunningham Reed and Rattan Company is the Sleepy Hollow Group, made entirely of rattan in the natural color, banded in French enameled cane in brilliant hues. These vivid notes of color are repeated in the tailored cushions which are covered on both sides with a vari-colored, flowered English cretonne.

A NEW chair with remarkably comfortable properties, due to its low back and long, low cushioned seat, is the latest product of Edward R. Barto and Company, a firm notable for its attractive collection of outdoor furniture and accessories. This chair comes in wicker willow or in reed, with the cushion covered in a coarsely woven material in tones of tan and warm red.

In a corner of the new Chintz Shop of Agnes Foster Wright, a family of gold fish disport themselves in the cool green waters of a stone basin and unswingly form the nucleus for an assemblage of garden furniture and accessories that are both distinguished and different. There is a modern side table of rattan and wood construction, the rattan being in the natural tone, the wood painted a pale cinnamon color. Accenting this neutral combination are bands of black and salmon pink. On this table, a glorified speckled brother of the fish in the pool, made of pottery, serves as an ash tray, with his finny tail as the handle. To fill some unoccupied wall space in the sun room there is a rustic-looking mirror with wooden frame decorated with a floral design. And for the beauty who gardens, there is a hand mirror of polished steel in an oilcloth case. It was surprising to learn that the charming metal flower baskets seen in this shop once served a Belgian peasant in a much more humble and utilitarian capacity. A small rectangular one

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WEATHERVANES are a favorite method of adding an individual and personal touch to the country estate. Nowadays, when it is not so necessary to know from which corner the wind will blow, the chief purpose of this bit of iron, when it is not purely decorative, is the advertisement of the owner's individual hobby or trade. The possibilities for amusing and ingenious developments are well illustrated in a collection of weathervanes made by Arnold and North, Incorporated. For the inveterate golfer there is a silhouette of himself at the finish of a perfect drive, with an admiring caddy in the offing. A full-rigged ship proclaims a farmer who would go to sea. And four of the proverbially wise owls justify their presence by just being themselves.

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Once in France an artist in black printing wondered across our West on a journey to create a work of art from his imagination. Enter & Co. Almanac, present this lovely wall paper from original blocks. What amazing fidelity in natural plants and vivid military figures. Charming background for Americans.

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Wrtth the approach of Spring, one is looking forward to the out-of-doors.

Terraces, Gardens and Sun Rooms will be coming into their own. It would be well to look in on the Rutland Garden Furniture displayed by Ruth Collins in her new shop at 23 East 64th St.
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For nearly 50 years Dale has supplied an ever growing clientele all over the United States with fine lighting fixtures. Dale's experience and ability is at your service free. Write now for photographs stating type of house. Address Dept. No. 18.

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GALLOWAY POTTERY
3218 Walnut Street, Philadelphia, Pa.
Among the new gadgets for indoor gardening we discovered at Max Schling’s is a small waterirling pot that is as decorative as it is useful. On the body of the pot, which is of copper, are set a slender spout and gracefully rounded handle of brass. This shop also handles a miniature combination spade and rake, designed especially for the cultivation of house plants. This useful article is made of brass and is only 5 1/2 inches in length.

Another new device, also for the benefit of indoor plants, is the “Sun Chaser.” This is a small revolving metal dish the purpose of which, as its name implies, is to provide the plants with a maximum of sunlight. Mounted on ball bearings, the “Sun Chaser,” which is made by F. H. Albee, can be turned with the least touch of the hand. Thus it is possible to change the position of the flower pots frequently without the necessity of lifting them.

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"No one who loves trees as I do can fail to love beauty in every form," says James A. G. Davey, famous tree surgeon. "And no one who knows trees can help knowing how important it is for us, as well as for them, to have the right sort of air to breathe."

Naturally Mr. Davey called in Tuttle & Bailey for the radiator cabinets in his own home. They fit into a room as a tree fits into a landscape. They give maximum heat where it is needed — and the humidifying pan under the cover ensures the moisture so necessary to health.

Six standard models each one finished in delicate flat colors or hand grained to match the finest natural woods — each one custom-built for its own particular place in your home — each one installed under expert supervision.

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A Directoire window—white silk curtains edged with gold braid, gracefully and ever-so-carefully draped . . . furniture that would have delighted the Empress Josephine . . . to finish the picture, a splash of brilliant tulips — this, in a home of modern feeling.

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SAM FROM SIBERIA

Robert S. Lemmon

This is a difficult moment. Having decided that the Samoyede is to have his turn in the series of dog interpretations which occupies these columns every month, I am faced with the task of presenting his case within certain specified limits of space.

It can't be done. Nobody can convey within such limits any adequate conception of the merits of this dog from the Far North, that has made such a place for himself among us of milder climes. As a matter of fact, I sometimes wonder whether any number of words, few or many, could do the job fairly. The only complete and convincing story is the Samoyede himself. Anything which can be said of him is rather in the nature of gilding the Lily.

I have been an admirer of this dog ever since his first appearance at the Westminster Show years ago. Experience has served only to confirm the impression thatimplanted: that his character is as splendid as his own superb snowy coat. For the "Sam" is the epitome of pure beauty inside and out, a dog that you accept without reservations. Watch a typical one for five minutes and you become his friend for life.

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March 1931

Cover Design by Pierre Brissaud
The Bulletin Board
The Snowy Banners of the Trellis
The Flower Company to Keep
Gardening Golf
A Georgian Bay in High Relief
 Ravamping the Hardy Border
"Bayou Bend"—A Georgian Residence
A Review of Water Supply Systems
Fine Inviting Entrances
Powder Rooms That Suggest Ideas
Settings for Early American Antiques
Furniture of the Federal Era
English and American Pewter
A Variety of Surface Materials Merge
A Colonial Type House
Furnishing a Sky Verandah
Planting and Sowing Seasons
French Houses Give Hints
Recent Developments in Building
Dooryard Gardens Bring Charm
Questions Readers Have Asked
House & Garden's Gardening Guide
Insects Injurious to Trees and Shrubs
The Gardener's Calendar

THERE is that about the spring awakening of plants which stimulates mankind to strange activities. The contagion of reviving growth in the flower border, the drab mat which for months has been the lawn, or the erstwhile bare twigs of bush and tree, inspires each of us according to our lights. Writing spring poems, housecleaning, spading up the garden, going a-courting, buying a new necktie or hat—they're all manifestations of the same basic urge to start something fresh. We are glad that this is so. It could be accounted a great human loss were we never impelled to be mildly light-headed. Occasional reversal to simple impulses is good for the soul.
Chocolate Treasure

Pieces of eight, bullion, nuggets of rich chocolate from the pirate's sea of romance—the Spanish Main.

Originally designed as an imaginative, dream-compelling gift for youth, this Whitman assortment has become the favorite with many as their personal choice among all the Whitman chocolates.

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Whitman's PLEASURE ISLAND CHOCOLATES
March, 1931

GARDEN MANNERS. They tell the story of a botanist on one of the scientific expeditions to a desolate corner of the world, how he came across a rare plant, and, instead of rooting up the whole of it, took only a piece and replanted the rest. Would that some of our wild-flower enthusiasts exercised the same discrimination and thought.

This item we would place first if we ever wrote a book on Garden Manners. To it we would add the suggestion that a good gardener, however skilled and clumsy a person he may appear to be, is often worthy of respect. Gardeners perhaps suffer from the fact that, except for an occasional apron, the craft has no distinctive livery. The jockey wears his master's colors, the sailer has his own uniform, the chauffeur is dressed according to his rank, but the gardener is happy in baggy pants and an old coat. We must respect him for his intelligence and love for green growing things.

THREE OF A KIND. When an architect designs a type of house that strikes the public fancy, there is no telling where its repetition will stop. Two years ago we published a house designed by J. Floyd Yewell to our specifications. Shortly thereafter we had the pleasure of passing Mr. Yewell’s address along to a reader who liked the design. The house was built. Some time after this a passer-by became enamored of it and he, also, went to Mr. Yewell. Now we learn that history has repeated itself and the architect is doing the residence for the third time.

EASIEST TEURING. At last the inventive mind has turned its attention to the humble wheelbarrow. It can now be obtained made of wattles, so light that a child can move it without strain. For lawn work, where you want to avoid making ruts, there is a wheelbarrow that is propelled by a caterpillar belt instead of a wheel. And now a birrow. It can now be obtained made of wattles, or iron, it is available in many desirable shapes—, stove might prove quite a decorative and interesting feature. Either in plain white tiles or in the colored, it is available in many desirable shapes, even the Modernist versions of it are generally pleasing in line.

TRURO

There is a little house
In a quiet valley
Where I should like to live
When I am old and can
No longer face the sun;
Where fog blows through
From off the restless sea,
And poplars shiver there
Afraid of its cares;
A house of laughter and of tears,
Where one has loved
And suffered by the loving
But has regained a quietness
Within its peace and beauty.

—MADELINE ELLEN

THE GREEN THUMB. There are some people—often very humble people—who seem gifted above others in their capacity for making plants thrive. In the past century Max Leichtlin of Baden-Baden bore this reputation; when all the experts failed, the seeds and plants were sent to him, and invariably he made them grow. This gift has its own quaint name: you say of a man who can do this, that he has “the green thumb.”

ALABASTER. Among the popular materials now being used for lamp bases, cigarette boxes, ash trays and such, is alabaster. Since the Egyptian and other ancient people found it useful, we can scarcely call it new. What sources of the stone they tapped, it is difficult to say, most of the world’s supply now comes from Volterra in Italy, and Pisa and Florence are also centers of the industry.

ART FROM IRAN. London has just been going through the thrones of a Persian Exhibition, and what may come of this new-born enthusiasm in the way of taste cannot yet be said. To Americans, Persian art seems a trifle off their orbit to enjoy with keen appreciation, and yet, once the fancy is caught by it, one rarely loses the spell. The collector of Persian miniatures and the collector of Persian manuscripts alike feel this persistent fascination.

There was never any writing in the world so beautiful as Persian. It has a decorative, fluid quality that even the noblest font of type fails to convey. For the Persian raised calligraphy to a superb art. A sheet of old Persian writing framed and hung on the wall has even more decorative qualities than many an etching.

There are many other phases of Persian art worth collecting and studying—fabrics, silverware, and wood carving among them. They offer endless suggestions to the designer of fabrics and wall papers. Perhaps, in time, we shall feel pulsations of this Persian show in the decorative art of America.

CACTUS PROPHECY. The current popularity of Cactus both as a house and apartment plant and in the garden is beginning to attain its zenith. Consequently House & Garden looks back on its prophecy with paternal affection. In October 1921 we stated, “Since we are reviving the mid-Victorian era and cease to shudder at wax flowers and kindred manifestations of its vogue, why not extend our interest to those super examples of the Seventies, the potted Cactus?”

Seven years ago this prophecy was made. Now we venture to make another. Not only may Cactus be grown in gardens, but the interest will soon extend to all forms of succulents—Sedums, Sempervivums, Aloes and such—and the succulent garden in more favored climates may, eventually, attain some of the popularity now enjoyed by Alpine gardens.

The appearance of Dr. Houghton’s The Cactus Book is an indication of the movement. Having read his pages, one vows forthwith to start Cactusing. England’s Cactus Society was founded as far back as 1895, at which time there were in the British Isles 210 collectors and growers of these plants. But even before that, in the ’40’s and ’50’s, Cacti were favorite plants with amateur gardeners.

BUTTERFLIES INDOORS. The Modernist seized on the Cactus because of its strange shape, and in Germany, where the Modernist movement in architecture and decoration appears to thrive the indoor winter gardens of Cactus and succulents is a commonplace. It is usually a large glass case filling the sunny end of a room, with the potted plants placed on glass shelves.

Now these worthy Textons have gone in for raising butterflies in their winter gardens, and the lovely creatures flutter from plant to plant in a highly decorative fashion. It is not difficult to keep them from cocoons. A new book, Farfalla, tells all about it. Perhaps this, too, will become a domestic sport in America.

BALLOON AND FARRIER. To the desirable gardening books add the titles of Hortus by L. H. Bailey, a splendid and handy gardening dictionary; Rainbow Fragments, a garden book of Iris, by J. Marion Shull; and The Plant Introductions of Reginald Farrer, edited by E. M. Cox. Farrer’s writings are constantly in demand, and this memorial volume is a worthy addition to Farreriana. In it are reproductions of some of Farrer’s own flower paintings, for he was an artist first, then a naturalist, then a plant explorer.

THE GARDENING GUIDE. Toward the end of this issue the reader will find eleven pages of tables into which has been packed all the gardening information necessary. Mr. Rockwell selects plants suitable for all sections of the country. A. D. Taylor, landscape architect, sets down in his columns the work of ten years’ research and correspondence, presenting, with his text, the extremely valuable feature of an all-American planting table. Beyond this, Mr. Andrew Wilson tabulates plant diseases and their prevention or cure. The first of a series of three such charts which are being prepared for House & Garden under his direction.

Each of these tables required vast investigation and constant checking by authorities. As now presented, they represent the most authentic, dependable and easily-used survey of garden information ever offered.

A WORKING GARDEN LIBRARY. The Horticultural Society of New York is taking great pride in the development of its library. Here in mid-town it has assembled a splendid collection of books on all phases of horticulture, and which is constantly in demand from students and re-searching gardeners.
The Snowy Banners Of The Trillium
A Gardener Is Known
By The Flower Company
He Tries To Keep

Richardson Wright

Wonderful development has been made recently in the Oriental Poppies. There are the fringed kinds, such as King George, and the old rose types such as Delicata. For a deep dark red, choose Lula A. McFerran, Trilby is a dark, rich red. The illustration shows the familiar Princess Victoria Louise, which is salmon shading to blush rose.

CONSTANTLY in his writings the late Ernest H. Wilson applied the word "aristocrat" to certain trees and shrubs. In doing so, he gave us a new standard by which to judge them. Into this classification he placed many new kinds, just now being made available, and, surveying his various writings, we find that countless of the old familiar kinds he accepted also as of the aristocracy.

Something of this same strict classification is required for perennials. Mere newness of a variety does not necessarily warrant its election to this Social Register of Plantdom. In fact, discerning gardeners apply many points of judgment to both the new and the old—color, form, individual beauty and display value in the garden being among them. Of recent years two other desirable qualities are being stressed—daintiness and fragrance. Let us consider these points.

The fault in many a garden arrangement lies not in the plants themselves but in misplacing them, and their inherent beauty is lost. Many an Iris, beautiful in the hand, lacks the penetrating value of color even when massed in the garden, consequently its garden use is limited to front-of-the-border positions where its delicate beauty may be appreciated. We do not expect it ever to make a crashing effect.

The word "form" brings up a whole gamut of points—habit of growth, shape of foliage, kind of flowering, height and general health. There is the bushy growth of the Lupine and the fountain-sprays of Siberian Iris, the low sprawling of Candytuft, the airy grace of Columbines, the spires of Delphiniums, Foxgloves and Verbasums. Each of these has its own characteristic leafage, each its own way of flowering, its height, and some are easier to maintain in health than others. These are points always to be kept in mind.

In the flowering especially, those who know garden aristocrats when they see them are more and more demanding daintiness of form and, where possible, fragrance.

This trend of taste can be marked in the new appreciation of single as against double flowers. The single Hollyhock is often vastly preferable to the double. The single Rose is fast winning a deserved support. The light grace of Delphinium belladonna can well challenge the tight poles of Delphinium stalks that, in recent years, have been so popular. Compared with the Japanese and single types, how vulgar can some of our great bomb Peonies become! The world of alpines offers a great diversity of daintiness. Perhaps the growing interest in them has awakened some of this desire for lightness and grace of form.

Fragrance would seem almost a necessary quality—and yet we have come to the pass where often we have to demand it. Loss of fragrance is one of the fates that dog the footsteps of the hybridist. Can we call a Rose perfect if it lacks perfume? Does a longer stem and a larger flower make the Sweet Pea more valuable if, in the process of acquiring these, it has lost its fragrance? True, some flowers never could boast fragrance, and it is folly to expect it of them, but certainly we should require it of those that were fragrant by nature.

The really great aristocracy of the world is characterized by a simplicity of manner and a gracious presence. So are the aristocrats among the perennials.

However, like aristocrats even, some plant families have their ups and downs, some their crowded hour of popularity, some their period of neglect. In this country we may fail to accept a plant family because of the difficulty in obtaining the plants (an orphan that might well be left on the doorstep of the Federal Horticultural Board which has so ardently fathered plant quarantines),
Scabiosa—S. caucasica—is available in a good white. Another type shades through from light to deep blue, another in violet blue and variously-named strains have combinations of these tints. Scabiosa is one of the best cutting flowers in the border.

(Top, left) There is about the Japanese and single Peonies the delicate, feathery beauty of a bird's wing, and the great gold heart of many of them is worn like a jewel. Mrs. Edward Harding, whose selection is printed elsewhere, considers that Amanasode is still the best pink Jan and Isami-jishi still the unsurpassed white. The illustration shows Mikado, which is crimson with a heart of gold.

(Left) Because of the red in them, we may need an acquired taste to enjoy Gaillardias. They have been subjected to successful hybridizing of late. Portola hybrids produce bronzy-red flowers with gold tipped petals. There are also a tangerine, self-colored kind and one almost as pale as sulphur. Copper crimson centers and orange margins characterize others.
or it may be due to limited knowledge about those plants or difficulty in growing them due to our limited knowledge. Consider some of these great groups.

There are vast quantities of Primulas about which we have to learn a great deal before they can be grown here successfully; nevertheless persistent amateurs and commercial growers are advancing in their experiments. The Hellebore tribe, with its many hybrids, deserves support and wider distribution. We are fast learning the delicate beauty of Alyssum saxatile citrinum—a softer tone than the old yellow Compactum. The Fall Anemones or Japanese Windflower, once grown, will thereafter be part of the garden family, although some gardeners find them reluctant growers. The Astilbes are now offered in a range of delicate tints well worth considering. Nor should we overlook the silvery effects of the ancient Artemisia lactiflora.

When one comes to the Bellflowers the choice is difficult to make, but one can rarely go wrong on some of the Tellum hybrids. Of late I have been deeply impressed by that tall Snakeroot, Cimicifuga racemosa Simplex. The shrubby Clematis—Davidiana especially—offers a sturdy type of growth and its tiny Hyacinth-like flowers have a penetrating scent. Even our best amateurs have still to plunge into that deep pool of experiment and beauty offered by the Eremurus family. By this time Gypsophila Bristol Fairy has gained the beginning of the popular distribution it deserves—much more lies ahead. We can also show discernment by growing some of the newer Hemerocallis hybrids.

Amateurs might well start a revival of interest in the hardy grasses. These great green fountains have too long lain under the interdict of association with institutional planting; thoughts of Pampas Grass bring with them thoughts of prisons, hospitals and homes for the aged, yet these grasses have both delicate and noble beauty and many of them can be well used for the enrichment of herbaceous borders.

To select the best Tall-Bearded Iris today is a bewildering course. Stiffer and stiffer become the judging standards of the American Iris Society, and meantime the market is awash with new offerings. Certainly the price of the new kinds is no indication of their merit. We can follow the rating given by the Society, tempered, of course, by our own observations of the Iris grown at nurseries and other gardens. My present Iris interest is veering toward the smaller and earlier types—Crisifolia and the Pumila hybrids, with a longing eye cast at some of the Regis Ocyclus hybrids, accompanied by an unwavering devotion to the Siberians. Japanese Iris I am raising this year in large pots, which is a custom of the Japanese exhibitors. While almost anyone can succeed with the ordinary blue, white or pink herbaceous Lupines, the seed catalogs here and abroad are now offering an annoying array of tawny colors and interesting combinations that seem to resent our usual ways. Some of our experts say that these Lupines should be starved and some suggest treating them as
biennials and stuffing them with stimulants like a Strassburg goose being fattened.

Among tall Phloxes there are a few new kinds worth trying, although one feels that, somehow, the advancement is not deeply marked. Perhaps what we need are not newer Phloxes but Phloxes better grown—free of red spider and mildew.

Three more kinds, and then this cataloging must stop. Thalictrum, Trollius and the Torch Lilies or Tritomes. Few flowers offer such a light touch of leafage and bloom to the border as can the Meadowrues—and they are easily grown in the normal border soil. Globe Flowers or Trollius can make the front of the border unforgettable, if well grown. Besides, they are as lovely and lasting in the vase. Of the Tribe of Tritome there is scaled almost the Biblical ten thousand, yet how few of them we grow here in American gardens! They are as easy to grow from seed as Onions. In hardy climates they require deep winter protection or removal to a frost-proof cellar—so more trouble than Dahlias—and their range of colors in the sulphurs, yellows, oranges and reds, their variations of height and their seasons of blooming certainly well repay this little trouble.

But why, the beginning gardener may protest, all this palaver about aristocracy? Aren't all flowers beautiful? Undoubtedly—more or less. So are all homes homes and cars cars. The person really interested in gardening, however, wants his or her place to be more than the average. Just as you can judge a woman by the linen on her table and a man by the motor he drives, so you can judge a gardener by the flowers he grows. You need not even see the flowers in bloom—you need only walk around the place and read the plant labels—and you will soon know if that gardener is among the aristocracy. If he is satisfied with the common old roadside Hemerocallis you set him down as that kind of gardener, but if his label reads "Hemerocallis Sir Michael F.ester" or "H. Ophir," you know he "belongs." A gardener is known by the flowers he tries to keep.

In order to obtain a wide selection of these desirable perennials I have asked a number of specialists to make a choice of their favorites, irrespective of price or popular acclaim. They are as follows:

**ASTILBES**

*Selected by J. J. Grudelmanns of The Wayside Gardens Company*

- **Deutschland**—pure white,
- **Mowe**—because of its unusual shading of crimson with a decided salmon cast.

These first two are dwarfs.
Grown—salmon pink.
Prof. V. D. Wieder.
Saliland.
All Astilbes will thrive if given a loose, loamy sweet soil and plenty of moisture.

CHRYSANTHEMUMS

Selected by Charles H. Totty
BRONZE—A. Barham, Firelight, Bronze Buckingham, Ida Skiff, Adelaide. Of these Bronze Buckingham and Ida Skiff are singles, Adelaide is one of the improved Pompons and Barham and Firelight light and dark bronze in the early flowering types and the flowers are large.

PINK—Jeanne S. Adams, Lillian Doty, Mrs. H. Ballagh, Mrs. J. W. Martin and Mrs. Buckingham. The last, an Anemone type, is orchid pink and cast iron in hardiness. Mrs. J. W. Martin is a novel shade of crushed strawberry.

YELLOW—Vera Victoria, Godfrey’s Triumph, Yellow Doty, Alice Howell, Gretchen Pipfer.

DAYLILIES

Selected by Franklin B. Mead
Radiant, Flava, Middendorf, Hyperion, Royal. All of these have fragrance. Interesting work in hybridizing Daylilie is being done in America by Mr. Mead, Dr. Stout of the Bronx Botanical Garden and C. Betscher.

ORIENTAL POPPIES

Selected by Roy V. Ashley
E. A. Bowler, an early apricot shading to shell pink and prettily crimped.
Mrs. John Hawkins, described as the best pink.
Lula A. Needley—deep, dark red.
Trikey—rich red, plaited petals.
Wurttembergia. These last three are deep rich reds.
Prince of Wales—salmon pink.
Silver King—a white Poppy of dainty habit.
Beauty of Livermore—deep, ox-blood, velvety red.
Mandarin—large Chinese red blooms.
Orange Beauty—orange shaded scarlet with purple blotches.
Pygmaea—a dainty, curious and interesting dwarf orange form.
Henri Cayeux—orchid fading to dull lavender, an ashes of roses effect.
Delicata—old rose pink of silky texture.
Negrillon—vivid carmine.

(Continued on page 140)
Gardening Golf—Or Dramatizing

The Pursuit Of Flowers

THE year 1930 will no doubt enter the records as the "Year of the Great Epidemic"—of miniature golf courses. We find them, under one name or another, on every vacant lot and corner, and they are even overflowing onto private grounds; many a lawn has become a tiny golf course. Since the American public seems to constitute that it must make a contest of its recreation, we beg leave to suggest a partial conversion of the area devoted to gardens, and nominate for that location, the game of garden golf.

Gardening means many things to many people; its cultural, decorative and useful appeals are fairly obvious to everyone, but its use as a game, fundamentally similar to golf, may have lacked in emphasis. The appeal of golf has many ramifications. It is difficult to excel in golf. So it is in gardening. Each time one tees off on the first hole, it is with the inward hope that that round is to be the best thus far. Each spring, the gardener hopes for the same result. As we proceed around the course, we are alternately thrilled and disappointed; our patience is tried; we are aggravated to the point that it is a temptation to throw the clubs into the water hole.

ONLY a gardener knows how true all this is of his attempts to bring certain plants to fruition. Golf takes unremitting attention and practice, and no considerable physical effort, as also does gardening; while the pleasant satisfaction of the locker room after the shower is matched by a stroll through your garden in twilight.

In golf, your opponent is supposed to be par, and par, for a given course, remains the same from day to day or year to year. In garden golf you are battling erratic Nature, uncertain weather, pestiferous insects and villainous fungi.

The rules of garden golf are not unlike golf rules. You may have the necessary instruction from your professional, or friends, you may even have the services of a caddy, but you must make your own shots, which in this case consist of successfully growing to normal development, perfectly healthy examples of the plants herewith chosen.

This course is laid out for the vicinity of Chicago. Since climate is an important factor, certain of these holes should be redesigned for locations with widely differing climate, but for one in the Central West, New York or New England to negotiate par on this course will not be easy. And since it is customary to design golf courses to try the mettle of the experienced golfer, so have we designed this course. The beginner must expect to play in the rough until, with perseverance, success is obtained.

HOLE Number One. A good golfer architec ought to design his first hole at least, so that a respectable shot may be had off the tee. With this in mind we have chosen for the first hole, the Rose. Par on this hole is a bed of choice Hybrid Tea Roses, some with Pericallis blood, healthy and blooming in the late summer the third year after planting. A dub may succeed with these by treating them as annuals, but watch out for that bunker "black spot", and beware of winter killing.

Hole Number Two. The Primrose path sounds easy, but usually it looks easy and is really hard. If you must have an easy hole for the Primula, try Primula sikkeirneii, or P. florindae. But for par on this hole you must essay P. secundiflora, P. alboflora will yield a birdie, and P. gigantica—well, an eagle is too much to expect.

Hole Number Three. Not too hard, but must be well played, and, incidentally, needs some expensive equipment. A well grown clump of Eremuri, in this vicinity, is as rare as it is impressive. With hylaleales or rosettes you may start, but the hybrids are needed for a par, and E. hongei, E. Shelford and, for a birdie, E. weirii, go on our schedule.

Hole Number Four. The Lily seems to symbolize peace, but there is little peace of mind in playing this hole well. Remember our basis: we must have the plant established and healthy. With L. regale, L. speciosum and others the game is rather simple. Our par is at least L. roezli, or L. florelli. For a birdie, take a whirl at L. perryi, and for a glorious eagle, establish a clump of L. giganteum.

Hole Number Five. Each course has at least one short, fairly easy, but sometimes tricky hole. Ours is the Azalea. Players around Chicago will find this hole harder than those elsewhere, but careful playing will give par, which is a mixed planting of hybrid Rhododendrons and Azalea indica.

HOLE Number Six—Saxifrages. The thousands of members of this genus give fruitful opportunity for choice. One may choose the "mossy" path, which is fairly easy, though a fine spread of S. moschatu rhei is not to be belittled. The "silver" path is slightly harder than the "mossy", as you might expect, but for par on this hole, the kalschium, and nothing less than a few square feet of S. borre-riviana magenta, will do. If success with this makes your head slightly enlarged, try S. disperoides—and with success, buy a new hat.

Hole Number Seven. There is a soft melodious sound to the very word Gentiana that may promise a false security—beware! Gentiana fareri will try your temper a-plenty, though rewarding success with a fierce blue beauty such as can be found nowhere else. G. lavoerulea, though, for a par score on this hole.

HOLE Number Eight. Androsace offers only slightly less variety of choice than the Saxifrages, and makes up for that with a more variable temper. Any member of the chamomile or carrot family section of this genus will give a good game, but when ready for a real show of mettle, pick aetina, and prepare for the worst.

HOLE Number Nine. Any gardener's list of Nine Peace-Perturbing-Plants would be incomplete without the inclusion of the King of The Alps, Eritrichium nanum, the alpine Forget-me-not. And a bount with him you will not forget. There may be places in this country where the King may be flowered in the open ground; I am still uncertain whether Chicago is one of them, and if that is a confession of my own golf score, make the most of it. But like every true golfer, let each failure be but a goad to further effort, for in each one of us lingers the conviction that it may be possible, someday, somehow, to make a hole in one.

—WALTER A. SHERIFFS
II. Luster

A Georgian Bay In High Relief

Against a broad expanse of pale colored wall, the sharp definition of this dark-toned bay creates a study in contrast. It is one of two bay windows of identical design upon a Georgian house at River Oaks, Houston, Texas. John F. Staub, architect; B. P. Briscoe, associate. Other views on pages 63, 64 and 65.
Revamping The Hardy Border

Brings Its Own Reward

Louise Beebe Wilder

PERIODICALLY the strip of ground varying from four to twelve feet in width and from ten to several hundred in length, planted with a mixture of perennials, annuals, bulbs, and often shrubs, that has come to be known as a hardy border, requires to be thoroughly turned out and renovated. This operation for the best results should take place every third year.

If we let it go much longer we have a sad state of things to face—a forest of weakly stems and matted clumps, the best things overcome and vanquished, the coarse things in possession, the balance of power, so to speak, completely unsettled. Most of the plants will by this time be crying out for division, replacements will need to be made, unsatisfactory effects remedied, the ground re-enriched. It is not an easy thing to do, but it simply has to be faced once in so often if appearances are to be kept up at all.

Although it may be done with success in the autumn, all things considered, the best time to choose in this climate is early spring—as early as the ground may be easily worked. In the spring the plants are full of vigor and eager to begin growth anew; every smallest division at this season takes hold and goes to work with a will to accomplish a worthy showing; certainly the spring is the best time to move all summer and autumn-blooming perennials. Where there are colonies of bulbs among the perennials the situation is somewhat complicated; the best plan is to leave them in place until the foliage is ripened, carrying on the work while disturbing them as little as possible and replanting them later in the season if their rearrangement is called for. Madonna Lilies are best moved in August and should be replanted preferably in a fresh locality. If there are shrubs in the border they will probably require only to be thinned out and to have the soil about them dug and enriched.

Where the border is very extensive and labor none too plentiful, it is advisable to attempt only half of it, or even less, at a time. A section may be chosen for renovation each season, but that section should be done thoroughly. The work should be carried on as quickly and expeditiously as possible so that the plants will not be out of the ground longer than is absolutely necessary. The most thorough way is to take all the plants out of the portion of the border that is to be overhauled, label them and cover them with canvas or burlap to keep the wind and sun from drying out the roots. Then attack the empty expanse with a spade, turning out the soil section by section to a depth of at least eighteen inches—twenty-four would be better—and adding a heavy dressing of cow or horse manure. If the soil is light and warm cow manure is the best to use and it should be worked down deeply where it will help to maintain cool rooting conditions for the plants; if inclined to be heavy, rather strawy stable manure will give it a better texture and a little sharp sand may be added. Any manure used at this season must be well rotted. In the autumn fresher stuff may be employed with safety. Many good gardeners employ a peat moss and bone meal mixture in place of manure.

A majority of plants are decidedly the better for division every three years. Of these are such border favorites as Phlox, Pyrethrums, Michaelmas-Daisies, Helianthus, Delphiniums, Campanula lactiflora, Heleniums, Shasta Daisies, Japanese Irises and so on. Peonies, Japanese Anemones, Fritillaries, Platycodon, Christmas Roses, Hemerocallis, Gypsophila and Trollius, on the other hand, if they are thriving, may be left to themselves for a longer time. Chrysanthemums are best divided every year. Columbinums divide poorly and it is best to raise them frequently from seed, thus maintaining a youthful stock to draw from. They are not long lived. Nor is it worth while to divide Hollyhocks save to preserve some exceptionally fine variety. They are easily raised from...
The calm serenity and almost severe simplicity of the Georgian mode make this house a perfect foil for the heavily wooded estate which is its setting. This classic portico and terrace face upon the gardens and toward the bayou. A residence at River Oaks, Houston, Texas. John F. Staub, architect; B. P. Briscoe, associate

"Bayou Bend" — A Georgian Residence In Texas
Designed After The Nineteenth Century Houses Of Louisiana

At Bayou Bend, front and rear elevations vie in interest. The garden face, shown on the preceding page, is no less distinguished than the entrance façade presented at the left. In color, ironwork and Greek ornament, the house follows after the fashion of 19th Century Louisiana. Walls are pale peach stucco accented by copper-brown blinds and sash.

The central entrance hall leads directly through the house to the rear terrace. Into its curved end is fitted a winding stair to the second floor. At the right is the living room and to the left the dining room. The left hand wing is devoted to service. The balancing portion at the right is the bachelor's wing. John F. Staub, architect; B. P. Briscoe, associate
Paneled walls and bookshelves in the library are of pine. Furniture is Early American. Side windows of the bay have glass shelves built across to hold a collection of Early American glass. The center window opens out to give access to the terrace.

To the left is the tap room, designed to hold the owner's collection of Americana. Ceiling beams, lighting fixtures and furnishings are antique. This room is at the end of the bachelor's wing, just beyond a small kitchen and a stair to the second floor.

Dining room woodwork is painted dark ivory glazed with opaque white to give the effect of rice glaze employed by Oriental artists. Above the chair rail, walls have a painted design of flowers in Oriental character upon a gold background.
A Review Of Water Supply Systems

For The Country Home

Elizabeth Hallam Bohn

The swimming pool; the wall fountain—few realize how many gallons of water flow under the mill of the gods of comfort.

Favored are they who can tap a living spring high on a hill and run water into the house by gravity. But the great majority of homes must look to the depths of the earth for water via the deep or shallow well. So to meet the need for a dependable home supply, on which so much of the joy of country living depends, modern engineering has developed for our use highly efficient pumping and storage systems to raise the water and hold it against our needs.

DEEP-DRILLED WELL

The so-called “Artesian” well taps the water flowing far below the earth's surface, the powerful bit of the well driller boring down seventy-five, a hundred, three hundred, even eight hundred feet before the supply is found. Fame will indeed crown the seer who will some day develop an unerring instinct for finding the spot which will yield water at a reasonable depth—under one hundred feet. For drilling a well costs somewhere between four and a half and eight dollars for every foot the drill goes down. At the present time, the only safeguard against too high expense is to select a driller of known reputation for fair dealing, who will not go deeper than is necessary to secure an adequate flow. Architects who have built homes in the neighborhood often know who can best do the work. The performance and past record of one who is more casually selected can always be checked up by getting in touch with his references.

Usually the man who sinks the wells does not install the system which is to raise the water. He secures the flow and insures it against the admixture of surface water by sinking a casing down to bed-rock and making this protecting pipe water-tight with concrete. He tests for the water yield per minute, giving, in his report, the depth of the testing pump in the well shaft. This work done, he moves out of the picture.

Deep-drilled well. For the former draws its water from the 22 foot level, which is the satisfaction limit for this type of equipment. In the latter case, the more costly deep well pump will have to be installed, with its cylinder down deep in the water and its pump directly over the well shaft. The deeper the cylinder must be set, the more power will be needed to operate it.

SURFACE WELL

The “surface well” employs an entirely different principle from the Artesian or deep-drilled well. For the former draws its water from the 22 foot level, which is the satisfaction limit for this type of equipment. In the latter case, the more costly deep well pump will have to be installed, with its cylinder down deep in the water and its pump directly over the well shaft. The deeper the cylinder must be set, the more power will be needed to operate it.

Until the water is actually secured and measured, it is not possible to select the water system to be used in the Artesian well. There are two general types—the deep well pump and the shallow well pump. When released by the drill, the water in the well immediately seeks and holds the level of its origin, perhaps thousands of miles away. It may bubble up right to the surface so that the shallow well pump with its simpler machinery can be employed. Or it may lurk deep down at some point below the 22 foot level, which is the satisfaction limit for this type of equipment. In the latter case, the more costly deep well pump will have to be installed, with its cylinder down deep in the water and its pump directly over the well shaft. The deeper the cylinder must be set, the more power will be needed to operate it.

SELECTION FEATURES

Many companies manufacture both the deep and shallow types of pumping equipment, employing electricity or gasoline as power medium. By selecting a well established company of unquestioned integrity the equipment is not likely to be orphaned while there may still be need of replacements. For even a deep well pump, with the wear it receives, should give at least fifteen years of service, with proper care.

The experts of the company selected will advise on the size and type of equipment best suited to individual requirements. They can also be consulted after the pump is installed, should any additional points need explanation. These specialists strongly suggest that the pump be of sufficient capacity to handle future demands upon it. Where the demand for water is intermittent and for short periods, it is more economical to put in a relatively small pump with tank large enough to supply these short period demands. The peak requirements are estimated and tank and pump are selected whose combined capacity will meet these demands. If there are no peak demands on the system, it is customary to estimate the total daily requirements and then select a pump with a capacity in gallons per hour equal to one-half and a tank with a total capacity of one-half the estimated daily requirements. For the gasoline driven outfit, the same size pump should be used but the tank should have a total capacity equal to two times the total daily requirements.

(Continued on page 116)
A hallway that is merely intended to be passed through should not be encumbered with unnecessary furniture. A console, table or commode of distinguished lines, with a mirror above, and a chair or ornamental bench are sufficient for this space. Decorative interest can be supplied by unusual handling of walls and floor. Such was the method followed in the entrance hall pictured on this page, where the only furniture is an 18th Century mahogany commode and Sheraton bench covered in orange velvet. Pale gray walls, with doors in two tones of gray picked out in white, make a serene background for these pieces and two beige pedestals holding old blue and white Wedgwood urns. Here the ornamental floor is terra cotta terrazzo with an inlaid star and border of beige marble. A. M. Dick is the owner. Fuller & Dick were the architects.

Five Inviting Entrances
From Houses In The East
South And Middle West
(Above) A hallway in the William Ogden Coleman house, Indian Hill, Ill., owes its inviting effect to several elements—semi-free-standing stairs, gray architectural paper, flooring of wide oak planks and a gay hooked stair carpet. Russell Walcott, architect. Earl Hart Miller, decorator.

(Left) Yellow and henna paper brings color and design to the hall of the N.V. Stockton residence, Winston-Salem, N. C. Sofa is black and gold, rugs, copper. Charles Barton Keen, architect; W. E. Browne Co., decorators.

(Opposite page, top) This hallway in Mrs. Vincent Astor’s New York house has walls painted by Allyn Cox to simulate architecture and sculpture. Architectural details are gray, statues green, walls pale yellow. Mott B. Schmidt, architect. Walls in the dramatic entrance opposite are grayish mauve; doors and pilasters lacquer red picked out in gold. White and purple marble floor. The New York home of Walter E. Sachs. William McK. Bowman, architect. Gertrude Newell, decorators.

Showing The Value Of Decorative Walls In The Entrance Hall
Powder Rooms That Suggest
Ideas For Dressing Table
And Wall Treatments
(Upper left) Paper with gray-blue ground and small clusters of gold fruit makes charming walls for a small dressing room in the home of Mrs. Pomeroy Francis, Morristown, N. J. The taffeta-hung dressing table is a deeper blue than the walls. It is trimmed with an applied scallop of gold colored taffeta. The long Directoire bench at the side is covered in peach and yellow silk. Mrs. Kenneth Torrance, decorator.

Contrasting trimming is again used on the dressing table in the room above, in the New York apartment of Mrs. Henry Walker Bagley. Soft, medium blue taffeta is ornamented with flame taffeta appliqued to form a flower pattern. The wall paper of a modern design has a biscuit ground and pattern of flame and dull gold, and the wood trim matches the background of the paper. Dark blue rug. Gertrude Smith, decorator.

(Left) To tone in with the chalky blue background of the wall paper, a deeper blue taffeta was selected for the dressing table drapery. The ruffle and lower edge are trimmed with inch wide bands in henna, blue-green and yellow—the colors of the strawberry pattern of the paper. Lamp shades of yellow book linen are smocked at the top.
18th Century American furniture has the advantage of distinguished backgrounds in Mrs. Charles Minshall's New York apartment. In the living room the fireplace wall is paneled; arch-headed cupboards flank a carved mantel. Woodwork is cream-white. (Right) Green and white Chinoiserie paper and maize curtains make a fine background. (Below) Sepia and gray block paper and paneled dado. Katharine Hartshorne, decorator

Flattering Settings For
Early American Antiques
Furniture Of The Federal Era In A Decorator’s Home

Decorative scenic paper and a subtle color scheme complement the antique American mahogany in the dining room above. Dado and ceiling are blue, with hangings of mauve taffeta bound in blue over horizon blue gauze; the rug is eggplant. Living room walls are pinkish mauve glazed with blue. Curtains here are blue-green chintz with design carried out in purplish reds; blue-green damask covers the overstuffed furniture and the rug is eggplant. The same coloring prevails in the hall which is furnished with American antiques. It is the apartment of Ethel A. Reeve.
ENGLISH and American pewter have a very natural affinity and show the same sequence of styles, America a little tardier than England, just as its general use here continued for perhaps ten years after china had supplanted it on English tables. But there are certain distinctions which lovers of Americana are coming to know, as the collectors already do know, and these are matters of interest to all who watch keenly for the beginnings of that independent activity which has made America what it is today.

There was here no "Worshipful Company of Pewterers" with a tradition reaching back for centuries, to tell a man what he could or could not do, to regulate the quality of metal he used or to compel him to mark his wares. Yet so faithful to the best traditions of their forefathers were our American pewterers that they voluntarily maintained very high standards of metal quality and craftsmanship.

Aiken's Metal: English; contains no bismuth.

(Above) Mid-19th Century American pewter lamp. All photographs are by courtesy The American Art Association—Anderson Galleries, Inc.

American: 1750-1850, in general use; made in 28 cities. Keen English competition; existing pieces, about 100 to 1 American. Little pewter marked before 1750; cagle used after Revolution, especially 1790-1829. Over 30 kinds of articles; styles unchanged until about 1825. Pitcher, coffee-pot and urn, tea-pot, sugar bowl, pitcher, and lamp, the latest and final accomplishment. Bowls, basins, plates—6 1/4 to 15 inches in diameter, porringer, mugs, tankards, flagons, beakers, goblets, spoons, ladles, candlesticks, warming-pans, cuspidors, inkwells, buttons, etc.

Armorial: Coat-of-arms frequently marked on English pewter, occasionally on American. State coat-of-arms most common.

Articles: Cooking utensils and table service in pewter cover the whole range of necessary articles, especially: basin, beaker, boar’s head dish—large charger; bottle—pilgrim, or harvester; food bottle, and other types; bowl—various shapes and sizes, punch, etc.; box—candle, money, patch.

(Left) Large American 18th Century beef platter with gravy well. In the lower right hand corner is an 18th Century English flagon cup. Both the ear-handled porringer and the small jug shown in this illustration are old American pewter pieces.
pepper, powder-puff, pounce, sand, salt, snuff, spice, tobacco, etc.; caddy for tea; canister for herbs, etc.; carafe, caster, chocolate-pot, cistern, coquet, coffee-pot, colander, creamer—creampitcher, crucet—cruse, egg-cup, ewer—rose-water, etc.; fish drainer, fish slice; flask; flatware—knife, fork, ladle, spoon, plate, dish, etc.; funnel, grater; hollow-ware—mustard pot, pot, pitcher, etc.; hot water dish or plate, pap-boat, pitcher, platter, pot, salt-cellar; silver, tray, or waiter; sauce-boat, saucer, soup tureen; sugar bowl, and sifter; sweetmeat dish, syrup jug, taster, tea-pot, toast and water jug—really an ale-pot, vegetable dish. Miscellaneous: badge for servants, etc., ball bottle stopper; barber's bowl cut out to fit neck; bleeding bowl—also called bleeding dish, blood porringer, and cupping dish; buckle, button, candle-mold, clock, clock-face, coin, ink-stand, mace, nef—boat in silver fashion, organ-pipe, perfume sprinkler, shaving-dish, snuff-box and mull, toy.

Ashberry Metal: English; very hard alloy, about 25 per cent antimony.

Badge: English, Scotch; for servants, porters, beggars, etc.; worn on sleeve or breast. Ancient English pilgrim badges.

Bleeding bowl: English; also called bleeding dish, blood porringer, cupping dish, and barber’s bowl. Small, shallow basin with pierced ear handles, resembling American porringer; used for bleeding or cupping patients.

Boar's head dish: English; large circular dish or charger; 25-28 inches in diameter; 3 1/4 to 4 1/2 inch rim.

Booze: Curve between rim and flat bottom of plate.

Bottle: Various sizes and uses. Pilgrim, harvest or harvester, or costrel—flattened round body with short neck. Food bottle—hexagonal and other forms, English. Snuff-bottle—small.

Bowl: English and American; various sizes and uses. Basin with ewer for washing hands. Bowls for dishwashing, mixing, serving, and eating. English—15th Century and later, small bowls; occasionally 13 inches in diameter. Large punch bowl and ladle, 18th Century, rarely beaten from sheet metal. Barber’s bowl, rim cut to fit around neck; 17th Century examples with floral decoration—rose, tulip, thistle, etc. See Bleeding bowl.

(Continued on page 104)
Seldom in small house work have so many types of surface materials been successfully combined as in the residence of A. J. Gentholts at Shaker Heights, Ohio: brick, stone, plain siding and clapboards have been used. The roof is of slate.

In the front entrance hall is the beginning of the stairway to the second floor. Stairs to the basement from the service hall utilize headroom provided by the other staircase. The living room is at the front of the house, with the dining room directly behind. A breakfast room separates this from the kitchen. Three bedrooms and two baths are on the upper floor.

**Dunn & Copper**

**Architects**

**A Pleasing Variety Of Surface Materials Merge**
A Colonial Type House
Presents Diverse Faces
Aymar Embury II, Architect

From its street façade, shown immediately above, the home of Mrs. Philip Bard at Princeton, N. J., gives the impression of a small Colonial type dwelling lifted well above the average by excellent proportions and really superb details of cornice, doorway and dormers.

While the excellence of its architecture is certainly true, the house is considerably larger than the front face implies. Generous depth and extended wings afford the additional space. The garden elevation, at the top of the page, is handled very differently from the opposite side. Here shingles have replaced the whitewashed stone walls and the general effect is much more informal.
The fine detailing so noticeable on the exterior of Mrs. Bard's residence has been carried into the interior with great success. One side wall and the projecting portion of the fireplace wall in the living room above are paneled. Deep wood cornices head the other walls. A portion of the library is shown below. At the top of the opposite page is the entrance hall, looking to the rear door. This hall is house-deep—connecting front and rear entrances.

The dining room faces to the rear, with its outside end projecting out beyond the main body of the house, allowing exposure on three sides to permit maximum light and ventilation. A large bay window overlooks the garden and a French door opens to a stone-paved breakfast porch. Furniture in the dining room and throughout the house is mainly 18th Century English and American pieces. Aurelian Embury Jr. was the architect of this residence.

Fine Interior Architecture

Produces Backgrounds Of

Distinguished Character
As modern as its location on a narrow terrace in the air are the furniture and decorations of this sky verandah outside a New York city apartment. On the wall side is a semi-circular fountain of fluted concrete lined with pale green tiles and embellished with red and black mosaics, laid herringbone fashion. The water ripples down over a colored glass panel which is softly illuminated at night. Surrounding the enclosure is a low wall on which is mounted an ornamental iron fence paneled in monel metal.
All the furniture on this roof, as well as the fabrics, are weatherproof. Reversible cushions on the natural rattan chairs are covered with a lacquered, washable and sunfast material in brilliant red and blue, on opposite sides, welted in black. Tubular aluminum armchairs have seats in the striped canvas used for the awning—blue, red, black and tan. Concrete flower boxes inlaid with red and black mosaics contrast pleasantly with the gray-green brick walls, blue window frames and terra cotta tiled floor. (Left) Monel metal and black glass table and aluminum chairs with blue seats. Eugene Schoen was the architect.

**Furnishing A Sky Verandah With**

**Wicker And Modern Metal Pieces**
Planting And Seeding Seasons
Throughout The United States
Albert D. Taylor

The study of planting seasons is a most fascinating story. In our great country, covering approximately 3,000,000 square miles and measuring approximately 1,600 miles from north to south, there is a wide variety of topography, and a difference in elevations from sea level to mountain ranges averaging 14,000 feet. There is no single country in the world, with the possible exception of Russia, which enjoys such a wide variation in climatic conditions. Our plant enthusiasts may enjoy the variations in plant materials ranging from those adapted to the southernmost part of Florida in the tropical zone, to the very hardy trees and shrubs adapted to the cold climate of Minnesota and North Dakota in the Canadian zone. If we shall venture beyond the border and into Canada, we will find an even greater range of planting problems. Climate with its wide variations in seasons naturally bears very directly on problems of planting which, with few exceptions, is normally done during the dormant season or during the “resting period” in plant growth. The majority of our plant materials have a period of very active growth followed by a period of ripening and this period is followed by a “rest period” known as the “dormant condition.” In addition to the direct effect of climate upon planting problems, we further find that seasons for planting are affected by local conditions of soil, rainfall, snowfall, sudden local changes in temperature, conditions of exposure, relative elevations from lowland to mountain country, and proximity to large bodies of water.

The information contained in this article has been accumulated over a period of approximately ten years. During this period the author has verified and checked, through as many sources as possible, the conditions relating to lengths of planting and seeding seasons in various parts of the United States and Canada. Much credit is due to the many individuals, too numerous to mention, who have cooperated in this important work and who have given to the author the benefit of their definite experience in the localities where they have been working. In connection with each of the stations, representative of the general conditions in the surrounding territory shown on the map of planting zones, as many opinions as practical have been obtained. Where these opinions concerning the length
of the planting and seeding seasons, or the location of the dividing lines between the different sections of the map, varied to any marked degree, the author has carefully checked with the sources of information and with new sources of information to make certain that the average normal season has been selected. The information has been collected from landscape architects, park superintendents, estate superintendents, gardeners, nurserymen, experiment station workers and other people who customarily plant large quantities of ornamental plants each year.

The stations from which information has been secured were selected so as to cover, as nearly as possible, the centers of greatest activity in each of the different climatic zones shown on the accompanying map of planting zones. The primary intention is to make this information available and of real value for those places where the largest volume of ornamental planting occurs, or is likely to occur.

The value of the charts is very great as a guide to those who have given little study to average planting seasons and, especially, to those who may have occasion to solve planting problems in parts of the country other than where they have been living. The charts make a most interesting study and are of real value for those places where the largest volume of ornamental planting occurs, or is likely to occur.

The charts on this and the following pages show graphically the average opening and closing dates for planting in that locality, and one may assume that normal planting operations may continue at any time within those limits. The average total number of planting days in each year is also shown. This covers the actual number of days for planting operations, deductions having been made for Sundays.

It is obviously impossible in any tabulation or chart covering the United States to give detailed consideration to the many exceptions to the normal planting and seeding seasons which are caused by small variations in altitude, conditions of soil and exposure, and methods of handling stock. Wherever important exceptions to the general ideas underlying the chart and map have occurred, the author has endeavored in this article to note some of them.

Information such as is compiled in this article is often too technical and not arranged in a way which is of practical value to the average home owner. For those who have not studied a tabulation such as is contained in the charts, the following explanation may be of assistance.

If one desires to determine the length of a planting season for deciduous plants such as Lilacs, Viburnums, etc., under Cleveland conditions (Station 21), he will note on the chart that the line indicating the average length of the spring planting season begins at approximately the end of the third week in March and ends with the close of the third week in May. Since no one can definitely determine in advance planting seasons which are so dependent upon the varying weather conditions from year to year, the length of these seasons as shown by these tabulations must be considered as

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<table>
<thead>
<tr>
<th>LOCALITY</th>
<th>TYPE OF MATERIAL</th>
<th>PLANTING SEASON</th>
<th>AVERAGE TOTAL DAYS YEARLY</th>
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<tbody>
<tr>
<td>1 NORTH DAKOTA</td>
<td>EVERGREEN</td>
<td>JULY AUG SEPT OCT NOV DEC JAN FEB MAR APRIL MAY JUNE</td>
<td>46 44 71</td>
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<tr>
<td>2 MONTANA</td>
<td>EVERGREEN</td>
<td>84 58 105</td>
<td></td>
</tr>
<tr>
<td>3 SOUTH DAKOTA</td>
<td>EVERGREEN</td>
<td>62 41 100</td>
<td></td>
</tr>
<tr>
<td>4 NEWFOUNDLAND</td>
<td>EVERGREEN</td>
<td>74 83 50</td>
<td></td>
</tr>
<tr>
<td>5 PRINCE EDW ISLAND &amp; CAPE BRETON</td>
<td>DECIDUOUS LAWNs</td>
<td>74 83 50</td>
<td></td>
</tr>
<tr>
<td>6 NORTHERN WIS MINN AND UPPER MICH</td>
<td>DECIDUOUS LAWNs</td>
<td>55 82 94</td>
<td></td>
</tr>
<tr>
<td>7 ADIRONDACKS &amp; NORTHERN N Y</td>
<td>EVERGREEN</td>
<td>79 66 52</td>
<td></td>
</tr>
<tr>
<td>8 OTTAWA CANADA</td>
<td>EVERGREEN</td>
<td>56 50 92</td>
<td></td>
</tr>
<tr>
<td>No.</td>
<td>Locality</td>
<td>Type of Material</td>
<td>Planting Season</td>
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</tr>
<tr>
<td>9</td>
<td>Bar Harbor, Maine</td>
<td>Evergreen</td>
<td>July-Oct-May</td>
</tr>
<tr>
<td>10</td>
<td>Upper Miss. Valley</td>
<td>Deciduous</td>
<td>Mar-Jun</td>
</tr>
<tr>
<td>11</td>
<td>Nova Scotia</td>
<td>Evergreen</td>
<td>Jan-Jun</td>
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<tr>
<td>12</td>
<td>Boston, Mass.</td>
<td>Deciduous</td>
<td>Mar-May</td>
</tr>
<tr>
<td>13</td>
<td>Central N.Y. State</td>
<td>Evergreen</td>
<td>Mar-Jun</td>
</tr>
<tr>
<td>14</td>
<td>Toronto, Canada</td>
<td>Deciduous</td>
<td>Mar-May</td>
</tr>
<tr>
<td>15</td>
<td>Southern Mass.-Conn. And R.I.</td>
<td>Evergreen</td>
<td>Mar-May</td>
</tr>
<tr>
<td>16</td>
<td>Detroit, Mich</td>
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<td>Mar-May</td>
</tr>
<tr>
<td>17</td>
<td>Buffalo, N.Y.</td>
<td>Evergreen</td>
<td>Mar-May</td>
</tr>
<tr>
<td>18</td>
<td>Central Iowa</td>
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<td>Mar-May</td>
</tr>
<tr>
<td>19</td>
<td>Chicago &amp; Northern Ill.</td>
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<tr>
<td>20</td>
<td>Eastern Colorado</td>
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<td>Mar-May</td>
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<td>Mar-May</td>
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<tr>
<td>23</td>
<td>Southern Ill. And Indiana</td>
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<td>24</td>
<td>Maryland &amp; Delaware</td>
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<tr>
<td>25</td>
<td>Pittsburgh, Penna.</td>
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<td>Mar-May</td>
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<td>28</td>
<td>Eastern Pa. &amp; Northern N.J.</td>
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<td>Mar-May</td>
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<td>29</td>
<td>Suburban N.Y. City</td>
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<td>Mar-May</td>
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<tr>
<td>30</td>
<td>Missouri &amp; Upper Arkansas</td>
<td>Deciduous</td>
<td>Mar-May</td>
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<td>No.</td>
<td>Locality</td>
<td>Type of Material</td>
<td>Planting Season</td>
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</table>
Informal French Houses Give Hints To American Architects

Gerald K. Geerlings

When the American house tries to be picturesque in the French manner it usually assumes a false pose, with purposeless towers and other features. Details are apt to be assembled without real propriety and the charm of planting and surroundings is disregarded.

The erstwhile Abbaye Sainte-Croix near Guingamp, Brittany, is delightful in every architectural aspect. Adaptation of its features to the medium-sized house in America, especially as to tower and window treatment, would have to be very carefully managed.

A modern house adapted from the informal French, with open forecourt and garage in front, small enclosed garden at the rear and a kitchen yard. It may be enlarged by stages, provides cross-ventilation in the main rooms and affords a picturesque grouping.

THERE are some architectural styles which are so archaeological that on meeting the owner coming forth one feels inclined to exclaim, "But my dear fellow, where are your cavalier boots, your ruff, and the plume in your hat?" And there are some others which have become so dried up and hackneyed that to their owners one can only mentally mumble, "Poor chap!"

Quite naturally one does not feel the urge to build a house of either type. Even though one had the funds to recreate a maison de Jacques Cœur, the feeling is that a house must be a part of one's workaday wear and not a museum exhibition piece. Turning to the French sector of possibilities there are ideas aplenty from all provinces—perhaps too many, for the abundance has led many a house to cut capers with details hailing from Provence to Brittany. La belle France has such a coquetish and convincing way of making every cottage and grande maison seem the very thing for your American home, that the temptation is to throw discretion to the winds and assemble from here, there and everywhere. But if your architect can catch the spirit rather than the letter, he will be able to fashion you a house which will be as American as yourself, yet with such a cultural background that it will serve rather to make it gracious.
and intimate than "correct" and stiff-necked.

It is as difficult to draw complete representative compositions and details of the informal French house adapted to American needs, as it would be to delineate informal attire. Where to begin, where to end, what to select? It is impossible to cover the field. However, it is feasible to select a single golfing costume, another for sailing, one for lounging about and another for street wear. And similarly in the accompanying illustrations, there are houses for the flat plot and the sloping, various solutions for the garage and garden problems, and sundry details of roof, dormers, chimneys, doors and windows. There are certain to be others just as good or even better, as with any street ensemble which milady might select, but at least they indicate the general cut which is safe, economic and sensible to follow.

It is not national borders which separate one architectural style from another, but climate, indigenous building materials and prosperity. So it is but little wonder that in the south of France the architecture should be similar to Northern Italian or Northern Spanish, and in Normandy to be closely akin to the half-timber work of Southern England. There is therefore a variety of massing and details which runs the entire gamut,

(Above) This suggested modern house on a flat plot provides a garage runway at the right, reaching the garage at the street level, while a pergola-covered walk leads to the house up two short flights of steps. Ascending two terraces, each distinctive, always adds to the general interest. The kitchen is above the garage and connected to it by rear stairs

The informal French house adapted to modern needs is especially suited to building in stages. At the upper right is a house which might well have begun with only the central two-story portion and tower. Additions to right and left could have been made at different times. The houses at the bottom emphasize the vertical and the horizontal, respectively
nnd nusnLre nf materials embracing stone, brick, plaster and half-timber. Yet within the well-built houses of the French bourgeoisie and peasants are the same in essentials from one boundary to another: they were built to serve a purpose—not erected for mere picturesque effect. They were built with a craftsman's directness and simplicity so that they have outlived the centuries probably better than those produced in any other country.

So well have French houses been constructed that many which were originally Gothic half-timber have since been plastered over in the manner of the Transitional or High Renaissance, if not in some subsequent period. Having undergone and survived successive periods, many of them offer excellent suggestions which point the way at this time when the vogue rightly favors simplicity and frank expression of utility. To build well is more sound real estate sense than we appreciate, we who build a house to last only for fifteen years and then move into another new one. Instead of a decreasing value after the first ten years, were we to build as well and artistically as in France, the mellowing and weathering and planting would serve us as profitably as the staunchly-built and now highly-prized houses of the Colonial high-tide, and more than offset any necessary plumbing or heating renovations.

When we see a colorful or picturesque French feature it is only natural to like it to the extent of wanting to duplicate it. To do so seems such a simple matter. The architect has only to repeat dimensions, ma-

(Above) Suggestions from Burgundy: shutters folding back in a colorful pattern, a window with scrolled top, a wrought iron plant shelf which is decorative but does not interfere with door or window. Also the inconspicuous recessed garage doors and the potted plants on the steps.
material and color. But the result is likely to be as much like the original as any stuffed bird in a glass case is like its relatives still singing in their native haunts. What looks natural to a French house is due in part to its perfect relationship to everything else around it. But take it bodily to your taxidermist, surround it by sawed off branches and a painted scenic background, and you will not get the color, the luster or the music you expected. Preferable by far is it to ask your architect to begin by giving you the number of rooms which you require, laid out conveniently and in such manner that additional ones may readily be added. Do it as imaginatively as possible, and if there be a job which can be given to a tower, employ it—otherwise not. If it works out so that a garage can be at a lower level, with interior stairs as well as exterior terraces leading up to the main living floor, all to the good. If the garage must be at the living floor level, try to make it deserving of its proximity by some such forecourt means as those that are suggested in the accompanying drawings.

In any case, even though the style your house adopts is not informal French, it is well to remember that the more private your house is to the outside world, the more inviting it is to anyone who enters its outer compass. The house which stands by itself on stilts in the middle of the most valuable one-thousand-acre site will not look as much like a "home" as the one which is surrounded by genial planting and forecourt walls on the smallest and meanest plot in

(Continued on page 114)
Recent Developments In Building
And Residence Equipment Fields

Gayne T. K. Norton

A POPULAR insulating material has been combined with a metal plaster base in such a way that both may be installed as one unit. The diamond mesh lath serves as a permanent and rigid base for plaster, yet no plaster comes in contact with the insulating material to impair its value. This metal insulating lath is supplied in 24 by 48 inch sheets which are to be butted together, the fibers interlocking and forming a continuous insulating sheet. The lath may be either nailed or stapled into place.

LIGHTED MIRROR

A MIRROR-FACED bathroom cabinet, or merely a mirror if preferred, has slots along its vertical edges in which arc sheets which are to be butted together, the insulating lath is supplied in 24 by 48 inch material to impair its value. This metal in plaster comes in contact with the insulating and rigid base for plaster, yet no combination with a metal plaster base in

fibers interlocking and forming a continuous any number and in any direction.

STEEL JOISTS

TO MEET the demand for economical, lightweight and fireproof floors, an open truss steel joist has been developed. So made as to have high resistance to buckling strains, pressure electric welding is used to make positive connections at all joints. Underhung design permits maximum head room under supporting girders. The open web allows the passage of pipes and conduits of any number and in any direction.

Suitable to use in all residences, economy is gained through light weight and rapid erection. A concrete slab, giving the very important fireproof floor construction, is usually laid over the tops of these joists. Wood nailing strips are embedded in the concrete and wood floors may be nailed securely to them, giving any kind of a finish floor desired. If preferred, the concrete can be troweled smooth, nailing strips embedded close to walls, and carpet laid and tucked.

A metal lath and plaster ceiling should be applied to the under side of the joists. This construction, but slightly more costly than the heretofore more conventional form, gives a floor of permanence, free from shrinkage and the cracks and squeaks that result, and absolutely fireproof.

BUILDING PAPER

MODERN thought has converted building paper into a much more vital factor in building economy. This product now serves many purposes and is so strong it can hardly be torn. Two layers of kraft paper, two of asphaltum and non-elastic, untwisted crossed fibers are formed, by heat and pressure, to produce a product so waterproof it will hold water for months and so rugged, we are told, no weather will affect it.

Careless application will not damage this new paper; it is applied without butters. Thus in walls and under roof of unbroken protection is secured, entrance of moisture and infiltration of cold air are stopped.

Under hardwood floors, this paper is bent up four inches above the base and the baseboard brought down over it. This provides a cold air stop and also a stop against dust, smoke, gases and vermin. As moisture is prevented from coming up, a major cause of cupping and buckling in floors is eliminated.

Flexibility is such that builders can carry it around the heads, sills and jambs of all openings for frames. It can also be carried around corner posts both ways, over roof ridges and to the bottom of roof valleys.

Curing sidewalks and basement floors is another use for this paper; here it assures strength, density and hardness, and at the same time protects against stains, construction dirt and abrasions.

If the tennis court is covered with it in fall, the ground will not absorb so much moisture during the winter, and heaving of the earth when frost comes out will be far less. It is an excellent protector of plants during the cold weather.

HANDY DRAINER

THERE is a world of service in a little appliance for making easy the filling or emptying of washing machines. When it is attached to laundry faucets, one may run mixed cold and hot water into the tubs or, through a separate hose, into a washing machine. After adjustment, when water is sent directly into the tube the side hose becomes a syphon that empties the machine. The device does not have to be changed about from one faucet to another. There are no moving parts; it will wear for a lifetime.

There is also a faucet adapter that converts any smooth faucet into a standard threaded type in order to permit easy attachment of the drainer or other device.

RADIATOR CONTROL

A THERMOSTATIC device is offered for automatically and individually controlling the steam supply to each radiator on two-pipe systems. This good looking little unit gives temperature control to each room.

As long as an adequate heating system is in operation, the elderly occupant of one room may bask in a temperature of 80 degrees, while the young son may keep himself "hard" in a room where the thermometer registers 68 degrees. An atmosphere at a predetermined constant is always maintained regardless of changes in pressure or variations in outside temperature.

This device, small and easily regulated, is designed to control the difficult times when__
We hear a great deal these days about the better planning of the suburban lot. Everyone will agree that the present practice of placing the house near the street and allowing as much space as possible in the rear which may be used as a garden area is infinitely preferable to the old method. A generation ago and even a few decades ago, it seemed to be a generally accepted fact that the only possible future for any ground in the rear of the house was that of being a backyard. And what a dreary prospect it was for any piece of land - just to be a backyard, filled with clotheslines and ash cans, with perhaps a bit of a vegetable garden or a fruit tree or two as redeeming features! Today we have come to realize the great advantages of the house so planned that the kitchen and concentrated service area are toward the street and the living quarters open upon the garden at the rear. Fortunate indeed are those of us who dwell in such a home or who have been able to convert our old-fashioned back yards into pleasant outdoor living quarters.

There are thousands of houses, however, scattered throughout the country, built according to plans which are far from this ideal, and in many cases it seems an almost hopeless undertaking to attempt to do much of anything with their backyards. Since the advent of the automobile, the garage and driveway have, in many instances, cut a considerable slice off the yard area in the rear and with the kitchen and cellar doors opening out upon it, it often seems wiser to let it serve its humble and utilitarian function of producing a few vegetables or providing a play area for the children rather than to attempt to convert it into a garden spot. Where circumstances of this sort exist one wonders where one can grow a few flowers in order to have a

The dooryard garden is naturally associated with houses of a cottage character, for it is an essentially intimate sort of planting. One of its best expressions is found along each entrance walks as this one.

The more luxuriant a dooryard garden is, the greater the appeal that it is likely to make. It is one type of planting where informality can be allowed the fullest possible sway in both plant selection and placing.
### Key To Planting Plan

<table>
<thead>
<tr>
<th>1.</th>
<th>Hardy Chrysanthemums</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.</td>
<td>Annual Stocks</td>
</tr>
<tr>
<td>3.</td>
<td>Daylilies (Hemerocallis)</td>
</tr>
<tr>
<td>4.</td>
<td>Mignonette</td>
</tr>
<tr>
<td>5.</td>
<td>Hollyhocks</td>
</tr>
<tr>
<td>6.</td>
<td>Bceeding-heat (Dicientra)</td>
</tr>
<tr>
<td>7.</td>
<td>Philox, Elizabeth Campbell</td>
</tr>
<tr>
<td>8.</td>
<td>Philox, Miss Lingard</td>
</tr>
<tr>
<td>9.</td>
<td>Peony, (Paeonia maxima)</td>
</tr>
<tr>
<td>10.</td>
<td>Sweet Rocket (Hesperus)</td>
</tr>
<tr>
<td>11.</td>
<td>Honesty (Lunaria)</td>
</tr>
<tr>
<td>12.</td>
<td>Garden Heliotrope (Valeriana officinalis)</td>
</tr>
<tr>
<td>13.</td>
<td>Hardy Garden Pinks (Dianthus plumarius)</td>
</tr>
<tr>
<td>14.</td>
<td>Narcissus, Mrs. Langtry</td>
</tr>
<tr>
<td>15.</td>
<td>Narcissus, Sir Watkin</td>
</tr>
<tr>
<td>16.</td>
<td>Tulip, Clara Butt</td>
</tr>
<tr>
<td>17.</td>
<td>Tulip, Moonlight</td>
</tr>
<tr>
<td>18.</td>
<td>Tulip, John Ruskin</td>
</tr>
<tr>
<td>19.</td>
<td>Tulip, The Bishop</td>
</tr>
<tr>
<td>20.</td>
<td>Snowflake (Leucojum vernum)</td>
</tr>
<tr>
<td>21.</td>
<td>Checkered Lily (Fritillaria)</td>
</tr>
<tr>
<td>22.</td>
<td>Gladiolus, Alice Tippery</td>
</tr>
<tr>
<td>23.</td>
<td>Gladiolus, Shell Pink</td>
</tr>
<tr>
<td>24.</td>
<td>Columbine (long spurred)</td>
</tr>
<tr>
<td>25.</td>
<td>Iris (Pallida dalmatica)</td>
</tr>
<tr>
<td>26.</td>
<td>Sweet William, Newport Pink</td>
</tr>
<tr>
<td>27.</td>
<td>Snapdragons, pink, yellow, white</td>
</tr>
<tr>
<td>28.</td>
<td>Lilac (Syringa vulgaris)</td>
</tr>
<tr>
<td>29.</td>
<td>Boxwood (suffruticosa)</td>
</tr>
<tr>
<td>30.</td>
<td>Brier Rose, Harrison’s Yellow</td>
</tr>
<tr>
<td>31.</td>
<td>Plantainlily (Hosta plantaginea)</td>
</tr>
</tbody>
</table>

Dooryard gardens in the old days were enclosed by fences or walls, chiefly for reasons of protection. Today the need for privacy is added to the value of such enclosure and gives especial merit to designs like the one above. An unusual type of modern dooryard garden is found in this Maine residence designed by John P. Thomas. A wing of the limestone house forms a logical place for a paved court, simply furnished and accented by Tulip beds bit of bloom and color during the summer months, and the dooryard garden seems to fill this great need.

In England these little dooryard gardens are to be seen everywhere. Most of them are very simple and unpretentious and yet they are perfectly charming. Throughout the rural districts every little cottage has something in the way of a garden and in the villages, even though there be but the space of a few feet between the dwelling and the street, it is filled with flowers. Many of these little gardens look today very much as they must have looked in the day of Queen Elizabeth, for they are filled with old-fashioned flowers and they possess a quaint, romantic charm. They give one the impression that they have remained unchanged through the passing years. In the little Cotswold village of Bibury-on-Coln there is a row of picturesque stone cottages, separated from the village street by hardly more than a foot of ground, and yet before each cottage door there is a bit of garden. In this country, where we have been so profligate with land, we would not have thought such a trifling strip worth bothering with, but not so in England. There, no plot of ground is too small to be thought of in terms of a garden.

When our forefathers came to this country from England they brought with them this inherent love for gardening and old records tell us that hardly had their homes been established in the wilderness of the New World before there were flowers growing in their dooryards.
enough these ancestors of ours planted gardens here similar to those which they had known and loved in their native England and so it came to be that one of the earliest expressions of garden design in the Colonies was the dooryard garden. It was the simple, logical outpouring of a love for flowers and for the beautiful. In the early days of the Colonies there was little time for anything save the struggle for a bare existence and yet many a good housewife must have found a few moments during her busy day to spend in her garden. To be sure, it was but a tiny plot beside her door, filled with Gillyflowers and Mignonette and a few spicy herbs for flavorings, and yet, what must such a garden have meant to the one who tended it! It must sometimes have seemed the only link between her life in the old world and the new. The pungent fragrance of the flowers must have helped to keep fresh the memory of the garden where she had played as a child in some English village.

To this day we almost invariably associate the dooryard garden with the Colonial. The very words bring to mind a picture of some little Cape Cod cottage with its trim green shutters and neat picket fence enclosing a tiny garden, or of a more stately dwelling on some Elm-shaded village street with flowers along the path leading to the door. Practically all of the gardens of Colonial times were enclosed by a fence which was in those days considered more of a necessity than an ornament. In the early days of the settlement of this country, cattle and animals of all kinds were allowed to roam at will and in order to protect one's home it was necessary to have a fence or a barrier of some kind. Many sections of the country required it by law.

But as time went on and the country became more thickly settled, laws were enacted which forbade people to allow their livestock to roam at large and there was no longer the actual need for a fence about one's home or garden. And with the passing of the fence came the passing of the dooryard garden as it had existed in Colonial times. Also, as is so often the case, the pendulum swung to the other extreme and for years fences or barriers of any kind were quite out of fashion. One's lawn and dwelling lay open to the public view and people in the villages and small towns and suburbs seemed content to sit upon their front porches watching the world go by.

The vast majority of houses built during the latter half of the last century were of this type. Fortunately, however, a reaction has set in and the present tendency is to again give the home something in the way of privacy and seclusion. Indeed, these seem such priceless attributes that one wonders how our parents and grandparents could willingly have sacrificed them. With the return of this ideal we are beginning again to have properties bounded by walls or neat picket fences or by hedges of living green and we are again coming to realize the possibilities of the dooryard garden. So
The charming view you describe should not be obscured, even with thin glass curtains. We suggest that, having omitted the latter entirely, you use instead Venetian blinds painted the Nile green of the walls and overcurtains to frame the natural picture beyond. Make these curtains of semi-glossed chintz, in a pale primrose yellow. Edge them with two pleated ruffles, one of yellow, the other green. The valance, of the same material, might be flat with scalloped edges finished with the ruffles. With yellow curtains, we suggest that your slip covers be made of rust or brown periwinkle, henna and blue, to be used here. I also have a mahogany secretary desk and a mahogany bookcase. Would it be possible to make this room Empire or Directoire? What other furniture could you suggest, what lighting fixtures, color for the walls, and curtains?

The living room of my French house is 18 x 25 feet, running north and south, with three exposures. The fireplace is in the south end with a window on either side with recessed radiators underneath. The walls are to be plaster finished, with a chair railing below which the wall is to be covered with canvas, painted the color of the woodwork. I have an Oriental rug, in shades of puce, henna and blue, to be used here. I also have a mahogany secretary desk and a mahogany bookcase. Would it be possible to make this room Empire or Directoire? What other furniture could you suggest, what lighting fixtures, color for the walls, and curtains?

In the dining room the walls are plaster with beams in the ceiling and a bay window with casements opening outward. I intend to get a Walnut French provincial table, dresser and chairs. How shall I have the wood stained, what rug shall I get, and what colors and materials would be appropriate for the curtains and chair pads? Will pearl gray be suitable for the plaster wall? I intend to make use of a color scheme mentioned in your magazine for my kitchen—henna’s egg blue and red. Exactly what shade of red would be the best?

Provided the mahogany secretary and bookcase are in the Directoire style, it will be possible to furnish your living room in this manner. If you decide upon this period, we suggest that you paint the walls and woodwork old white, with the cornice and trim outlined in dull gold. The curtains may be of old gold satin lined with deep blue, or of white satin edged with wide gold fringe. They should be quite full, draped in ample, dignified folds, with valance looped in crystal loops. The real clue to the proper decision seems to lie in the fact that your plot is sloping and has outcroppings of rock. It seems to me that the character of English small houses most common to our suburbs.

In adaptability to suburban and semi-rural locations both the styles you speak of are excellent. They are both essentially informal styles and permit of great latitude in size and location of rooms. Probably the Norman, with its customary tower and more irregular outline is the most picturesque, but by the same token it is also one of those beginner’s theories; anyway, nobody seems to follow this idea here in the suburban community where I live.

Questions Readers Have Asked
And Our Answers To Them

I am watttering between the English and the Norman-French styles for a nine-room house to be begun in the spring. The plot upon which the house is to be built has some outcroppings of rock and takes a slight slope toward the rear. The property is in a new development where English type residences predominate, although there are two Norman dwellings in the vicinity. Have you any general facts as to either of those styles that will help me in my decision? Any assistance you can offer me will be greatly appreciated.

V. B. W.

While your letter does not specify just what English type you have reference to, I shall assume you mean the English cottage, since that is the character of English small houses most common to our suburbs.

In adaptability to suburban and semi-rural locations both the styles you speak of are excellent. They are both essentially informal styles and permit of great latitude in size and location of rooms. Probably the Norman, with its customary tower and more irregular outline is the most picturesque, but by the same token it is usually the most expensive to build.

The real clue to the proper decision seems to lie in the fact that your plot is sloping and has outcroppings of rock. It seems to me that the more irregular lines of the Norman style will prove best suited to such a site.

The fact that most of the houses about are English need not greatly influence a decision in favor of this style. The Norman has so much in common with the English that the noticeable difference will be more in the nature of a refinement than otherwise. If the Norman is decided upon, however, it will be well to have the major portion of it in the same materials that have been used for the houses nearby.

In spite of all the watering I do, many of the buds sprouting in the frost are killed and die. The buds form but seem to dry up before they are large enough to open. I also notice that the leaves of some of them turn yellow along the edges and finally drop off.

Can you tell me what the trouble is and how to remedy it?

P. T. B.

You may be keeping the pots too wet; it is quite possible to drown a plant as well as cause it to suffer from thirst. You might try watering less frequently. Generally, a thorough soaking every five or six days is enough.

It is more than likely, though, that the air in the house is too dry, as a result of the heating system being in operation during the cold weather. Plants need moisture in the air as well as in the soil; without enough of it they are sure to get into trouble. The real remedy is to install a good humidifier which will keep the air properly moist throughout the house. Some improvement should follow, though, if you keep a large pan of water on the radiator in the room where the plants are, and also spray their leaves with plain water twice a day. On damp, warm days, set them outdoors for several hours in some place where they cannot freeze.

Can you give me the specific reasons why it is not considered wise to plant the outdoor garden just as soon as the frost is out of the ground in the spring? I think that the earlier start you get the sooner you will have flowers and vegetables. But maybe this is just one of those beginner’s theories; anyway, nobody seems to follow this idea here in the suburban community where I live.

D. R. P.

There are two main reasons for not sowing outdoor seeds (with very few exceptions, such as the beet and ordinary garden peas) until the ground is quite well warmed up by the spring sun. Either one of them would be sufficient to discourage very early planting.

First, there is the physical condition of the soil. When the frost first comes out, and generally for several weeks thereafter, the soil is too soggy to permit getting it into the well cultivated, finely prepared state which is necessary to the proper germination and growth of young plants. You must wait until it has dried out considerably.

Secondly, there is the matter of temperature. Most seeds require rather warm conditions in order to germinate. In the early spring there is too much low temperature at night, often during the day as well, and whenever one of the frequent cold rains comes along. Under cold, damp conditions many seeds will not instead of sprouting.

Obviously, there are marked advantages that come from extra-early spring sowing, provided the conditions necessary to germination are present. This is where the hotbed and coldframe come in, for the former especially can be depended upon to supply the necessary warmth and protection as early as the end of February. By properly utilizing either of these two devices you can usually count upon having strong plants ready for planting in their permanent places in the garden by the first part of May—a clear gain of at least a month over outdoor sowing.
## DECIDUOUS TREES

<table>
<thead>
<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>CHARACTER AND USE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oak (Quercus)</td>
<td>75'-100'</td>
<td>Very long-lived; rapid in appearance, mostly horizontally or in general habits, except on occasion as small, non-typical varieties; most manystitain, southern USA; may be useful for certain purposes.</td>
</tr>
<tr>
<td>Elm (Ulmus)</td>
<td>100'-125'</td>
<td>Most graceful of all large trees; most dense; withstands wind, rain, etc.; best fall color; native to New England. Chinese Elm (U. pumila) most rapid growing.</td>
</tr>
<tr>
<td>Beech (Fagus)</td>
<td>80'-150'</td>
<td>Sprawling, open growth, fairly rapid; bark decorative in winter. Beetle Beech (F. americana) holds foliage longer. Chinese Beech (F. caroliniana) good for decorative specimens.</td>
</tr>
<tr>
<td>Maple (Acer)</td>
<td>75'-100'</td>
<td>Very fast growth but not very long-lived; excellent for shade and for spring and autumn color; hard wood; hard to transplant, especially in spring. Norway Maple (A. platanoides) most widely grown. Sugar Maple (A. saccharum) good for shade. Planting should be especially good in decorative specimens.</td>
</tr>
<tr>
<td>Willow (Salix)</td>
<td>40'-50'</td>
<td>Most aloofy of all large trees; extremely rapid growing. Small trees have to be kept cut back to desired size; excellent for shade and for new planting, especially along streams. Willow (S. purpurea) earliest to bloom; S. caprea for rock gardens.</td>
</tr>
</tbody>
</table>
| Poplar (Populus)      | 80'-90'  | Most rapid growing family of large trees; both broad and narrow leaved. It grows well in the Northeast; comparatively short lived; excellent for temporary use. 1.1

## EVERGREENS

<table>
<thead>
<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>CHARACTER AND USE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pine (Pinus)</td>
<td>40'-90'</td>
<td>Mostly naturalistic or picturesque in habit, especially with many species, good form, strong position exposed conditions; most adapted to sandy, sandy loam or loamy soil and also to heavy, clayey soil.</td>
</tr>
<tr>
<td>Hemlock (Tsuga)</td>
<td>40'-75'</td>
<td>Most graceful of the very hardy evergreens; excellent for evergreens, also for windbreaks and staked for shade. Lesser growth for garden use.</td>
</tr>
<tr>
<td>Spruce (Picea)</td>
<td>40'-75'</td>
<td>Graceful, pyramidal form, usually horizontal orienteering to a certain extent; evergreen and strong; groups and windbreaks; also good for hedges generally more satisfactory than Firs, except under ideal conditions.</td>
</tr>
<tr>
<td>Fir (Abies)</td>
<td>40'-75'</td>
<td>Similar to Spruce, less graceful; smooth bark, upright cones; more to become raged with age, especially when planted singly.</td>
</tr>
<tr>
<td>Douglas Fir (Pseudotsuga)</td>
<td>50'-100'</td>
<td>Vigorous, hardy, rapid grower; young growth especially beautiful in spring. Cooperative problems in young growth. Spruces under average conditions outside the natural evergreen belt retain handsome presence to old age; specimens, windbreaks and hedges.</td>
</tr>
<tr>
<td>Arborvitae (Thuja)</td>
<td>5'-30'</td>
<td>Numerous dwarf forms of various shapes; American Arborvitae (T. occidentalis) hardy to New England; Japanese Arborvitae (T. standishii) hardy to New England; color foliage effect, with taller varieties for screens and hedges.</td>
</tr>
</tbody>
</table>

## EVERGREEN SHRUBS

<table>
<thead>
<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>CHARACTER AND USE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rhododendron</td>
<td>6'-15'</td>
<td>Largest and most impressive of all extremely hardy evergreen shrubs; covered with masses of gorgeous flowers in May and June, and foliage effective in the garden longer than most evergreens. (Deer resistant and fire resistant.).</td>
</tr>
<tr>
<td>Labrador (Kalvosa)</td>
<td>4'-10'</td>
<td>Not a Labrador, but a niceteria! growth; evergreen foliage fairly round, excellent in shrubbery, foundation planting or ornamental planting; requires acid, peaty soil. S. B.</td>
</tr>
<tr>
<td>Analea</td>
<td>11'-15'</td>
<td>Most ornamental of evergreen flowering shrubs, also deciduous kinds; several hardy species; selection of varieties will be limited from April to July.</td>
</tr>
<tr>
<td>Daphne (D. cerasifera)</td>
<td>1'-2'</td>
<td>Low spreading bush; fragrant pink flowers in spring and intermittently throughout summer; good foundation planting; hardy under old age; planting and rock garden.</td>
</tr>
<tr>
<td>Andromeda (Pieris)</td>
<td>5'-6'</td>
<td>Handsome foliage, dark green, pointed, round; white bell-like flowers in early spring; with other evergreens in border or foundation planting; good shrub under old age.</td>
</tr>
</tbody>
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## DECIDUOUS SHRUBS

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<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>CHARACTER AND USE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spirea</td>
<td>4'-8'</td>
<td>May-June, small, graceful, some flowering or fountain-like habit; Prunus is the dominant most hardy decorative (Rosaceae) shrub.</td>
</tr>
<tr>
<td>Forsythia</td>
<td>5'-10'</td>
<td>Arbor, MA, Vigorous growth; extremely hardy; succeeds anywhere; both upright and spreading varieties; especially useful for flower borders, foundation planting or as a specimen shrub.</td>
</tr>
<tr>
<td>Deutzia</td>
<td>3'-8'</td>
<td>May-June, slender, rather graceful; excellent for foundation, glades and individual specimen; Pride of Rochester tallest and one of best.</td>
</tr>
<tr>
<td>Weigela</td>
<td>4'-8'</td>
<td>June-July, shrub, species and varieties; also called Amur Heathers; flowers; modern varieties for flower borders; also hardy shrub.</td>
</tr>
<tr>
<td>Beauty Bush (Kolkwitzia amabilis)</td>
<td>6'-8'</td>
<td>May-June, a large group of widely differing types; all showy foliage in early spring for the individual shrub; also for the flower border; Crowder's is fragrant.</td>
</tr>
<tr>
<td>Viburnum</td>
<td>2'-10'</td>
<td>May-June, a large group of widely differing types; all showy foliage in early spring for the individual shrub; also for the flower border; Crowder's is fragrant.</td>
</tr>
<tr>
<td>Hydrangea</td>
<td>4'-10'</td>
<td>June-July, several types, all good; smaller sorts for foundation borders; larger for hedges or individual specimens like small trees; Osaka for scarlet.</td>
</tr>
<tr>
<td>Butterfly Bush (Buddleia)</td>
<td>5'-8'</td>
<td>June-July, vigorous, rapid grower; little like fragrant flowers; herbaceous in North.</td>
</tr>
</tbody>
</table>

## DECIDUOUS TREES

<table>
<thead>
<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>CHARACTER AND USE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plane (Platanus)</td>
<td>80'-100'</td>
<td>Rapid growth; irregular horizontal branches; satisfactory under wide range of conditions; excellent street trees for decorative specimens and for shade; bark decorative in winter.</td>
</tr>
<tr>
<td>Tulip Tree (Liriodendron)</td>
<td>100'-125'</td>
<td>Vigorous pyramidal tree of rapid growth and great size; beautiful flowers in June, somewhat fragrant; good specimen for street or shade or spring; mosting water use.</td>
</tr>
<tr>
<td>Ginkgo (Ginkgo biloba)</td>
<td>50'-75'</td>
<td>VG-20'</td>
</tr>
</tbody>
</table>

## EVERGREENS

<table>
<thead>
<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>CHARACTER AND USE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Redwood (Jugurta)</td>
<td>5'-8'</td>
<td>Moderate shade evergreen, mostly of pyramidal form and fairly rapid growth; extremely hardy; gracefully shaped.</td>
</tr>
<tr>
<td>Juniper (J. horizontalis)</td>
<td>3'-8'</td>
<td>VG-20'</td>
</tr>
<tr>
<td>Yew (Taxus)</td>
<td>3'-8'</td>
<td>VG-20'</td>
</tr>
<tr>
<td>Cryptomeria (Cryptomeria)</td>
<td>3'-8'</td>
<td>VG-20'</td>
</tr>
<tr>
<td>Cypress (Chamaecyparis)</td>
<td>3'-8'</td>
<td>VG-20'</td>
</tr>
</tbody>
</table>

## EVERGREEN SHRUBS

<table>
<thead>
<tr>
<th>NAME</th>
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<th>CHARACTER AND USE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barberry (Berberis)</td>
<td>3'-4'</td>
<td>Japanese Barberry; hardy, spreading, most satisfactory for the eastern half of the United States.</td>
</tr>
<tr>
<td>Privet (Ligustrum)</td>
<td>4'-6'</td>
<td>VG-20'</td>
</tr>
<tr>
<td>Honeysuckle (Lonicera)</td>
<td>3'-6'</td>
<td>VG-20'</td>
</tr>
<tr>
<td>Axela (Anredera)</td>
<td>3'-8'</td>
<td>VG-20'</td>
</tr>
<tr>
<td>Lilac (Syringa)</td>
<td>4'-8'</td>
<td>VG-20'</td>
</tr>
<tr>
<td>Flowering Almond (Prunus triloba)</td>
<td>3'-8'</td>
<td>VG-20'</td>
</tr>
<tr>
<td>Tamarix (Tamarix)</td>
<td>15'-20'</td>
<td>VG-20'</td>
</tr>
<tr>
<td>Daphne (D. mezereum)</td>
<td>1'-2'</td>
<td>VG-20'</td>
</tr>
</tbody>
</table>

## DECIDUOUS TREES

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>March, 1931</td>
<td>95</td>
<td>For the Northeastern States; lists compiled by F. Rockwell.</td>
</tr>
</tbody>
</table>
**PERENNIALS (Northeast)**

<table>
<thead>
<tr>
<th>NAME</th>
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<th>SEASON</th>
<th>COLOR</th>
<th>CHARACTER AND USES</th>
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</thead>
<tbody>
<tr>
<td>Alyssum</td>
<td>12'-15'</td>
<td>Apr.-June</td>
<td>Yellow</td>
<td>Solid masses of color; front of border or rock garden; remove old blooms, D. R.</td>
</tr>
<tr>
<td>Anemone, Japanese</td>
<td>3'-4'</td>
<td>May-June</td>
<td>Rose, pink, white</td>
<td>Most graceful late autumn flower; garden display; cutting; winter protection North.</td>
</tr>
<tr>
<td>Aquilegia (Columbine)</td>
<td>15'-35'</td>
<td>Apr.-May</td>
<td>Various</td>
<td>Wonderful range of colors in new varieties; display; cutting; full sun.</td>
</tr>
<tr>
<td>Aster, Hardy</td>
<td>2'-4'</td>
<td>Sept.-Nov.</td>
<td>Blue, white</td>
<td>Thrives anywhere; many new varieties including pink and mauve; naturalizing; display; cutting.</td>
</tr>
<tr>
<td>Ballontulipan</td>
<td>18'-24'</td>
<td>July-Nov.</td>
<td>Blue, white, lavender</td>
<td>Border perennial; rock garden; nicely well-drained soil; sun or shade.</td>
</tr>
<tr>
<td>Campanula</td>
<td>2'-3'</td>
<td>June-Oct.</td>
<td>Blue, white</td>
<td>Several types. Includes some of the best blue flowers. R.</td>
</tr>
<tr>
<td>Digitalis</td>
<td>20'-30'</td>
<td>May-June</td>
<td>Blue</td>
<td>Cutting and late display; rich soil and frequent transplanting.</td>
</tr>
<tr>
<td>Dianthus</td>
<td>10'-15'</td>
<td>June-Oct.</td>
<td>Pink, rose, white</td>
<td>Queen of early summer flowers; easy from seed; newer types for display.</td>
</tr>
<tr>
<td>Ferraria</td>
<td>4'-6'</td>
<td>Apr.-May</td>
<td>Yellow</td>
<td>Fragrant; free blooming; cutting; superior new types Alwood and Sweet William.</td>
</tr>
<tr>
<td>Gypsophila (Baby's-breath)</td>
<td>20'-30'</td>
<td>July-Oct.</td>
<td>Various</td>
<td>Unsurpassed for border of grass or wild daisies or sprinkler; Giant Shirley strain best.</td>
</tr>
<tr>
<td>Heuchera</td>
<td>15'-25'</td>
<td>May-June</td>
<td>Orange, red</td>
<td>Continuous flowering; resists drought; easy from seed; display and cutting; Potentia Hybrids and other new varieties. D.</td>
</tr>
<tr>
<td>Poppy</td>
<td>4'-6'</td>
<td>June-Oct.</td>
<td>Pink</td>
<td>Very hardy; suitable for large rock garden, border and cutting; easily grown; new sorts. Lady strawberries and Orchid.</td>
</tr>
<tr>
<td>Peony</td>
<td>2'-4'</td>
<td>May-June</td>
<td>Pink, rose, yellow</td>
<td>Rarely dwarf and creeping for front of border and rock garden; flowering. fine mass color displays. June to Sept.; rich soil. R.</td>
</tr>
<tr>
<td>Phlox</td>
<td>4'-6'</td>
<td>Apr.-Oct.</td>
<td>Various</td>
<td>Immense blooms; many types; many fragrant; single and Japanese; graceful; deep rich soil; sun or slight shade.</td>
</tr>
<tr>
<td>Poppy</td>
<td>6'-10'</td>
<td>May-June</td>
<td>Various</td>
<td>Early dwarf and creeping for front of border and rock garden; flowering. fine mass color displays. June to Sept.; rock garden, border and cutting.</td>
</tr>
<tr>
<td>Scabiosa</td>
<td>1'-2'</td>
<td>June-Oct.</td>
<td>Various</td>
<td>Poppy salicaria; useful for window boxes, banks, trailing; new variety Burpee's.</td>
</tr>
<tr>
<td>Verbena</td>
<td>4'-6'</td>
<td>Apr.-Oct.</td>
<td>Various</td>
<td>Lilac, Rose, various; few varieties not hardy in extreme North; rock garden and mixed border.</td>
</tr>
<tr>
<td>Scabiosa</td>
<td>1'-2'</td>
<td>June-Oct.</td>
<td>Various</td>
<td>Many varieties; some fragrant; succession planting.</td>
</tr>
<tr>
<td>Verbena</td>
<td>4'-6'</td>
<td>Apr.-Oct.</td>
<td>Various</td>
<td>Immense blooms; many types; many fragrant; single and Japanese; graceful; deep rich soil; sun or slight shade.</td>
</tr>
<tr>
<td>Zinnia</td>
<td>12'-30'</td>
<td>May-Oct.</td>
<td>Various</td>
<td>Wonderfully new pastel shades and types; cutting and color display; second sowing for late fall garden.</td>
</tr>
</tbody>
</table>

**ANNUALS (Northeast)**

**NAME**

**HEIGHT**

**COLOR, CHARACTER AND USES**

**NAME**

**HEIGHT**

**COLOR, CHARACTER AND USES**

**VINES (Northeast)**

**NAME**

**HEIGHT**

**COLOR, CHARACTER AND USES**

**DECIDUOUS TREES FOR THE MIDDLE WEST**

**NAME**

**HEIGHT**

**DESCRIPTION**

**Linden (Tilia)**

**Height**

**Description**

**Locust (Robinia)**

**Height**

**Description**

**American Hornbeam (Ostrya virginiana)**

**Height**

**Description**

**Wild Crab (Malus)**

**Height**

**Description**

**Hawthorn (Crataegus)**

**Height**

**Description**

**DECIDUOUS TREES FOR THE MIDDLE WEST**

**NAME**

**HEIGHT**

**DESCRIPTION**

**Oak (Quercus)**

**Height**

**Description**

**Elm (Ulmus)**

**Height**

**Description**

**Maple (Acer)**

**Height**

**Description**

**Poplar (Populus)**

**Height**

**Description**

**Willow (Salix)**

**Height**

**Description**

**Horse-Chestnut (Aesculus)**

**Height**

**Description**

**House & Garden's Gardening Guide**

**House and Garden**
# House and Garden's Gardening Guide

## Evergreens (Middle West)

<table>
<thead>
<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>CHARACTER AND USES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Douglas Fir</td>
<td>30’-100’</td>
<td>Quick growing, broad, pyramidal, blue-green foliage.</td>
</tr>
<tr>
<td>Pine (Pines)</td>
<td>40’-100’</td>
<td>Native White Pine (P. strobus) especially fine. Scatter trees for wind and moisture. (Dwarf Magnus is less vigorous.)</td>
</tr>
<tr>
<td>Sourc (Pines)</td>
<td>40’-75’</td>
<td>Most varieties do well. Black Hills is hardiest and best for dry soils, showy growth. (Dwarf Magnus is less vigorous.)</td>
</tr>
<tr>
<td>Fir (Abies)</td>
<td>40’-75’</td>
<td>Native Balsam, symmetrical and graceful; likes moist soil and can be grown indoors.</td>
</tr>
<tr>
<td>Hemlock (Tsuga)</td>
<td>35’-60’</td>
<td>Grateful evergreens for specimen and shady location.</td>
</tr>
<tr>
<td>Juniperus virginiana</td>
<td>30’-40’</td>
<td>Most useful evergreens for moderate sized places.</td>
</tr>
<tr>
<td>Colorado Juniper</td>
<td>30’-40’</td>
<td>Native western species; very hardy; fine for variety; distinct coloring. D.</td>
</tr>
</tbody>
</table>

## Deciduous Shrubs (Middle West)

<table>
<thead>
<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>SEASON</th>
<th>COLOR</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Common Lilac</td>
<td>10’-15’</td>
<td>JUne-Sept.</td>
<td>Pink</td>
<td>Fragrant flowers intermittently throughout season; excellent low hedge; two shrubs in seaside.</td>
</tr>
<tr>
<td>Sweet Mockernut (Alders)</td>
<td>8’-12’</td>
<td>May-June</td>
<td>Pink</td>
<td>Fragrant flowers intermittently throughout season; excellent low hedge; two shrubs in seaside.</td>
</tr>
<tr>
<td>Forsythia</td>
<td>5’-10’</td>
<td>April-May</td>
<td>Yellow</td>
<td>Fragrant flowers intermittently throughout season; excellent low hedge; two shrubs in seaside.</td>
</tr>
<tr>
<td>Weigela</td>
<td>6’-8’</td>
<td>May-June</td>
<td>Pink</td>
<td>Fragrant flowers intermittently throughout season; excellent low hedge; two shrubs in seaside.</td>
</tr>
<tr>
<td>Siberian Peashrub (Caragana arborescens)</td>
<td>15’-20’</td>
<td>May-June</td>
<td>Yellow</td>
<td>Fragrant flowers intermittently throughout season; excellent low hedge; two shrubs in seaside.</td>
</tr>
<tr>
<td>Rose-argentifolia (Rosa laevigata)</td>
<td>1’-3’</td>
<td>JUne-July</td>
<td>Yellow</td>
<td>Fragrant flowers intermittently throughout season; excellent low hedge; two shrubs in seaside.</td>
</tr>
</tbody>
</table>

## Perennials (Middle West)

<table>
<thead>
<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>SEASON</th>
<th>COLOR</th>
<th>CHARACTER AND USES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agastache</td>
<td>36’-72’</td>
<td>July-Sept.</td>
<td>Blue-white</td>
<td>Uplight grower for middle or back of border; blue flowers until frost.</td>
</tr>
<tr>
<td>Antirrhinum</td>
<td>36’-48’</td>
<td>Aug.-Sept.</td>
<td>Creamy, white</td>
<td>New variety Silver King especially valuable for silvery foliage effect in combination with other flowers.</td>
</tr>
<tr>
<td>Asclepias (Spirea)</td>
<td>24’-48’</td>
<td>June-July</td>
<td>Pink, white</td>
<td>Feathery plumes during midsummer; back of border or for landscape effects.</td>
</tr>
<tr>
<td>Berberis</td>
<td>6’-8’</td>
<td>June-Aug.</td>
<td>Cream, white</td>
<td>Vigorous, tall, imposing; excellent for screening or naturalizing; spreads underground.</td>
</tr>
<tr>
<td>Ceanothus</td>
<td>10’-15’</td>
<td>June-July</td>
<td>Blue-purple</td>
<td>Both dwarf and tall forms, always dependable. R.</td>
</tr>
<tr>
<td>Digitalis</td>
<td>36’-60’</td>
<td>June-Aug.</td>
<td>Pink, white</td>
<td>Glossy leaves - very hardy; shrub laden with long spikes.</td>
</tr>
<tr>
<td>Euphorbia</td>
<td>18’-24’</td>
<td>June-Nov.</td>
<td>Yellow, orange</td>
<td>Blue flowers intermittently through season; very hardy effective in garden enclosure.</td>
</tr>
<tr>
<td>Euphorbia</td>
<td>24’-30’</td>
<td>July-Sept.</td>
<td>Blue, violet</td>
<td>Bright and hardy; fine for cut flowers; very hardy effective in garden enclosure.</td>
</tr>
<tr>
<td>Euphorbia</td>
<td>7’-8’</td>
<td>July-Sept.</td>
<td>Yellow, orange</td>
<td>Bright and hardy; fine for cut flowers; very hardy effective in garden enclosure.</td>
</tr>
<tr>
<td>Euphorbia</td>
<td>12’-15’</td>
<td>May-Sept.</td>
<td>Blue, violet</td>
<td>Bright and hardy; fine for cut flowers; very hardy effective in garden enclosure.</td>
</tr>
<tr>
<td>Euphorbia</td>
<td>5’-6’</td>
<td>June-Aug.</td>
<td>Pink, white</td>
<td>Bright and hardy; fine for cut flowers; very hardy effective in garden enclosure.</td>
</tr>
<tr>
<td>Euphorbia</td>
<td>7’-8’</td>
<td>July-Sept.</td>
<td>Yellow, orange</td>
<td>Bright and hardy; fine for cut flowers; very hardy effective in garden enclosure.</td>
</tr>
<tr>
<td>Euphorbia</td>
<td>6’-12’</td>
<td>June-Aug.</td>
<td>Yellow, orange</td>
<td>Bright and hardy; fine for cut flowers; very hardy effective in garden enclosure.</td>
</tr>
<tr>
<td>Euphorbia</td>
<td>3’-4’</td>
<td>June-Aug.</td>
<td>Yellow, orange</td>
<td>Bright and hardy; fine for cut flowers; very hardy effective in garden enclosure.</td>
</tr>
</tbody>
</table>

## Annuals (Middle West)

<table>
<thead>
<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>SEASON</th>
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</thead>
<tbody>
<tr>
<td>Ageratum</td>
<td>6’-12’</td>
<td>May-Oct.</td>
<td>Blue-white</td>
<td>Low, spreading border; blue-ball compact dwarf variety.</td>
</tr>
<tr>
<td>Antirrhinum</td>
<td>8’-30’</td>
<td>May-Oct.</td>
<td>Various</td>
<td>Very hardy, colorful; makes compact clumps of evergreen foliage; two shrubs in seaside.</td>
</tr>
<tr>
<td>Alyssum</td>
<td>12’-15’</td>
<td>June-Nov.</td>
<td>Orange, yellow</td>
<td>Very hardy; colorful; makes compact clumps of evergreen foliage; two shrubs in seaside.</td>
</tr>
<tr>
<td>Antirrhinum</td>
<td>12’-30’</td>
<td>May-Oct.</td>
<td>Yellow, salmon</td>
<td>Very hardy; colorful; makes compact clumps of evergreen foliage; two shrubs in seaside.</td>
</tr>
<tr>
<td>Antirrhinum</td>
<td>12’-30’</td>
<td>May-Oct.</td>
<td>Yellow, salmon</td>
<td>Very hardy; colorful; makes compact clumps of evergreen foliage; two shrubs in seaside.</td>
</tr>
<tr>
<td>Antirrhinum</td>
<td>12’-30’</td>
<td>May-Oct.</td>
<td>Yellow, salmon</td>
<td>Very hardy; colorful; makes compact clumps of evergreen foliage; two shrubs in seaside.</td>
</tr>
<tr>
<td>Antirrhinum</td>
<td>12’-30’</td>
<td>May-Oct.</td>
<td>Yellow, salmon</td>
<td>Very hardy; colorful; makes compact clumps of evergreen foliage; two shrubs in seaside.</td>
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## March, 1931
### House and Garden's Gardening Guide

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</thead>
<tbody>
<tr>
<td>Candytuft (Iberis)</td>
<td>12&quot;-18&quot;</td>
<td>June-Sept.</td>
<td>Various</td>
<td>* Color for flowerers; fragrant; cuttings; Tom Thumb makes good flower bed.</td>
</tr>
<tr>
<td>Cornflower</td>
<td>48&quot;-72&quot;</td>
<td>July-Oct.</td>
<td>Pink, white</td>
<td>New early flowering type makes it possible to grow this much farther north; wind-resistant; cut flower for garden display; start late in September.</td>
</tr>
<tr>
<td>Datura (Angels Trumpet)</td>
<td>24'-36'</td>
<td>July-Sept.</td>
<td>Creamy white, white</td>
<td>Vigorous growing bushy annual; creamy white trumpet-like flowers; grows anywhere.</td>
</tr>
<tr>
<td>GLYCINE DECOLE (BABYSEED)</td>
<td>17'-15'</td>
<td>June-Sept.</td>
<td>White, rose</td>
<td>* Delicate sprays of tiny flowers; several selections for continuous flowering.</td>
</tr>
<tr>
<td>Marigold (Tazuel)</td>
<td>12'-20'</td>
<td>June-Oct.</td>
<td>Blue, various</td>
<td>* Planted for border and cutting; new named varieties.</td>
</tr>
<tr>
<td>Nasturtium</td>
<td>36'-48'</td>
<td>May-June</td>
<td>Rose, white, yellow</td>
<td>Sprays of Pun-like flowers on vigorous plants with handsome foliage; plant individually in small pots or where to grow; bloom in eight weeks; stands partial shade; well suited soil. D.</td>
</tr>
<tr>
<td>Oenothera (Evening Primrose)</td>
<td>6'-15'</td>
<td>July-Sept.</td>
<td>Various</td>
<td>Always satisfactory; dwarf for edging and taller for mixed border and cutting; second sowing for late fall.</td>
</tr>
<tr>
<td>牡丹</td>
<td>15'-22'</td>
<td>June-June</td>
<td>Various</td>
<td>Dwarf and vine-like types; full sun and rather poor soil.</td>
</tr>
<tr>
<td>Petunia</td>
<td>15'-24'</td>
<td>June-June</td>
<td>Various</td>
<td>Continuous flowering until hard freezing; Balloon types for pot boxes and baskets; bedding for masses of color.</td>
</tr>
<tr>
<td>Poppy</td>
<td>6'-15'</td>
<td>June-June</td>
<td>Various</td>
<td>* Everywhere for low mass of brilliant color; no sooner as frost is well out and again in May; flowers start in a few weeks from seed. D.</td>
</tr>
<tr>
<td>Portulaca</td>
<td>6'-14'</td>
<td>June-Sept.</td>
<td>Various</td>
<td>* Tender but quick growing in hot weather; blooms continuously in hot, dry locations. D. R.</td>
</tr>
<tr>
<td>Poison Oak (Lonicera)</td>
<td>36'-72'</td>
<td>May-Oct.</td>
<td>Various</td>
<td>* Cutting and garden display of brilliant colors; no where to bloom: thin out. D.</td>
</tr>
<tr>
<td>Verbena</td>
<td>8'-10'</td>
<td>July-Nov.</td>
<td>Green, bronze, red</td>
<td>* Tender but rapid growing, giving tropical effect; start in pots for early use, or outdoors at Blush planting time.</td>
</tr>
<tr>
<td>Zinnia</td>
<td>12'-15'</td>
<td>July-Sept.</td>
<td>Yellow, white</td>
<td>Low, spreading; good house cover; often blooms until late. R.</td>
</tr>
</tbody>
</table>

#### VINES (Middle West)

<table>
<thead>
<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>COLOR, CHARACTER AND USES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boston Ivy (Ampelopsis brevipedunculata)</td>
<td>80'-140'</td>
<td>* Clinging to brick and stone-like English Ivy; A.experimentalis, the wildest, is the hardest; Minnesota winners.</td>
</tr>
<tr>
<td>Oregon Maple (Acer nigrum)</td>
<td>60'-80'</td>
<td>* Broad headed, broad leaved; street or shade; other varieties.</td>
</tr>
<tr>
<td>California Black Walnut (Juglans californica)</td>
<td>60'-80'</td>
<td>* Near coast except in far North; shade and decoration; moist soil.</td>
</tr>
<tr>
<td>Sweet Gum (Liquidambar styraciflua)</td>
<td>75'-180'</td>
<td>* Splendid shade or ornamental; fine autumn coloring; moist soil.</td>
</tr>
<tr>
<td>Birch (Betula)</td>
<td>600'-100'</td>
<td>* Rapidly growing; great size, not long-lived; plant Yellow B. limbs for permanence.</td>
</tr>
<tr>
<td>Pacific Dogwood (Cornus nuttallii)</td>
<td>40'-60'</td>
<td>* Native; grows to full tree size.</td>
</tr>
<tr>
<td>Gladiolus (Gladiolus)</td>
<td>50'-75'</td>
<td>* Irregular spreading habit; excellent for garden use.</td>
</tr>
</tbody>
</table>

#### DECIDUOUS TREES FOR THE NORTHEAST

<table>
<thead>
<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>COLOR, CHARACTER AND USES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oak (Quercus)</td>
<td>80'-140'</td>
<td>Red, Scarlet and Mossycap for general use; Pin Oak for vertical effect.</td>
</tr>
<tr>
<td>Oregon Maple (Acer macrophyllum)</td>
<td>60'-80'</td>
<td>* Broad headed, broad leaved; street or shade; other varieties.</td>
</tr>
<tr>
<td>California Black Walnut (Juglans californica)</td>
<td>60'-80'</td>
<td>* Near coast except in far North; shade and decoration; moist soil.</td>
</tr>
<tr>
<td>Sweet Gum (Liquidambar styraciflua)</td>
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<td>600'-100'</td>
<td>* Rapidly growing; great size, not long-lived; plant Yellow B. limbs for permanence.</td>
</tr>
<tr>
<td>Pacific Dogwood (Cornus nuttallii)</td>
<td>40'-60'</td>
<td>* Native; grows to full tree size.</td>
</tr>
</tbody>
</table>

#### EVERGREENES (Northwest)

<table>
<thead>
<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>COLOR, CHARACTER AND USES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Douglas Fir (Pseudotsuga menziesii)</td>
<td>75'-150'</td>
<td>Rapidly growing, beautiful; symmetrical but graceful.</td>
</tr>
<tr>
<td>Fir (Abies)</td>
<td>75'-150'</td>
<td>Rapidly growing, more beautiful than in East; groups, particularly in exposed positions.</td>
</tr>
<tr>
<td>Redwood (Sequoia)</td>
<td>100'-200'</td>
<td>Thrive and California Sequoia (Sequoia gigantea) good for large grounds; pin conditions where conditions are not ideal, for large grounds.</td>
</tr>
<tr>
<td>Deciduous Cedar (Cedrus deodara)</td>
<td>60'-100'</td>
<td>* Decorative and satisfactory for all Pacific coast; well drained location Atlas Cedar somewhat harder.</td>
</tr>
<tr>
<td>Cypress (Cupressus)</td>
<td>50'-75'</td>
<td>* The true Cypress, including the columnar Italian Cypress, hardly ever coast; good drainage, sheltered position.</td>
</tr>
<tr>
<td>Cryptomeria (in variety)</td>
<td>30'-50'</td>
<td>* Richer than preceding; better winter hardier than in Connecticut area.</td>
</tr>
<tr>
<td>Japanese Umbrella Pine (Sciadopitys verticillata)</td>
<td>50'-75'</td>
<td>* Remarkable Japanese tree; slow growing for rock garden.</td>
</tr>
</tbody>
</table>

#### EVERGREEN SHRUBS (Northwest)

<table>
<thead>
<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>COLOR, CHARACTER AND USES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abies grandis (Fir)</td>
<td>5'-6'</td>
<td>* Low; spreading, graceful; flowering early summer to frost; small, Abies-like blossoms; evergreen tendency. S.</td>
</tr>
<tr>
<td>Abies lasiocarpa (Alpine Fir)</td>
<td>5'-6'</td>
<td>* Thick, spreading, large decorative flowers; foundation planting; evergreen groups; specimen; wind protected location. S.</td>
</tr>
<tr>
<td>Camellia (Camellia)</td>
<td>10'-20'</td>
<td>* Hardy to Zone 6 if protected from driving winds; beautiful evergreen foliage; abundant rose pink or white flowers in early spring.</td>
</tr>
<tr>
<td>Mexican Orange (Choisya ternata)</td>
<td>4'-7'</td>
<td>* Orange-like blossoms; spring and late summer; shiny evergreen foliage; good for hedge or shrub. S.</td>
</tr>
<tr>
<td>Evergreen Barberry (Berberis thunbergii, in variety)</td>
<td>1'-3'</td>
<td>* All but the hardest do in moderately protected locations; ideal the Conifer for rock garden, foundation plantings, mixed shrubbery. K.</td>
</tr>
</tbody>
</table>

#### Euphorbe (Pyracantha) | 5'-6' | \* Vigorous growing; Hales-like foliage; yellow flowers; brilliant berries; protect from driving winds. S. |

### House & Garden
### HOUSE AND GARDEN'S GUIDING GARDEN

#### DECIDUOUS SHRUBS (Northwest)

<table>
<thead>
<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>CHARACTE R AND USE</th>
<th>COLOR</th>
<th>SEASON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alnus (Chinese or Old-growth Alder)</td>
<td>3'-10'</td>
<td></td>
<td>Free growth; dwarf sorts, also evergreen sorts</td>
<td></td>
</tr>
<tr>
<td>Broom (Genista, Cytisus)</td>
<td>3'-10'</td>
<td></td>
<td></td>
<td>April-May, including native and hybrids; Scotch Broom (C. scoparius)</td>
</tr>
<tr>
<td>Mountain Lilac (Syringa)</td>
<td>6'-10'</td>
<td></td>
<td></td>
<td>Free growth; dwarf sorts</td>
</tr>
<tr>
<td>Daphne mezereum (February Daphne)</td>
<td>3'-4'</td>
<td></td>
<td></td>
<td>Free growth; dwarf sorts</td>
</tr>
<tr>
<td>Rose Acaulis (Rosa Aculeata)</td>
<td>2'-3'</td>
<td></td>
<td></td>
<td>Free growth; dwarf sorts</td>
</tr>
<tr>
<td>Flowering Currant (Ribes)</td>
<td>2'-6'</td>
<td></td>
<td></td>
<td>Free growth; dwarf sorts, also evergreen sorts</td>
</tr>
</tbody>
</table>

#### VINES (Northwest)

<table>
<thead>
<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>SEASON</th>
<th>COLOR</th>
<th>CHARACTE R AND USE</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Ivy (Hedera helix, varieties)</td>
<td>40'-60'</td>
<td>April-June</td>
<td>Blue, lavender</td>
<td>The &quot;rainbow&quot; flower of northwestern rock gardens; many improved varieties.</td>
</tr>
<tr>
<td>Vinecissus (Vitis)</td>
<td>20'-35'</td>
<td>April-June</td>
<td>Rose, pink, white</td>
<td>Many dwarfs for rock garden; many new named varieties of tall growing late hardy Asters.</td>
</tr>
<tr>
<td>Chaste Tree (Vitex)</td>
<td>45'</td>
<td>April-June</td>
<td>Yellow, pink</td>
<td>Native woodland plants; prefer light, moist, well drained soil; shaded corners; border or rock garden.</td>
</tr>
<tr>
<td>Gentian (Gentiana)</td>
<td>5'-15'</td>
<td>April-June</td>
<td>Blue, purple, scarlet</td>
<td>Many native varieties especially adapted for rock gardens; gritty soil; good drainage; full sun; several resemble tiny evergreen shrubs.</td>
</tr>
<tr>
<td>Lilacs (Syringa)</td>
<td>2'-3'</td>
<td>April-June</td>
<td>Lavender, pink, white, various</td>
<td>The familiar varieties of the East and also several natives.</td>
</tr>
<tr>
<td>Dogwood (Cornus)</td>
<td>10'-15'</td>
<td>April-June</td>
<td>Golden yellow, various</td>
<td>Masses of golden yellow; easy from seed soon where to bloom; new varieties.</td>
</tr>
</tbody>
</table>

#### PERENNIALS (Northwest)

<table>
<thead>
<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>SEASON</th>
<th>COLOR</th>
<th>CHARACTER AND USES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anemone (Anemone japonica)</td>
<td>3'-7'</td>
<td>April-June</td>
<td>Blue, lavender</td>
<td>The &quot;rainbow&quot; flower of northwestern rock gardens; many improved varieties.</td>
</tr>
<tr>
<td>Asters (Aster)</td>
<td>2'-4'</td>
<td>April-June</td>
<td>Rose, pink, white</td>
<td>Many dwarfs for rock garden; many new named varieties of tall growing late hardy Asters.</td>
</tr>
<tr>
<td>Iris (Iris)</td>
<td>3'-6'</td>
<td>April-June</td>
<td>Yellow, orange</td>
<td>Native woods are mostly woodland plants, semi-shade; deer for rock garden; tall garden sorts thrive well.</td>
</tr>
<tr>
<td>Primroses (Primula)</td>
<td>3'-10'</td>
<td>April-June</td>
<td>Yellow, pink</td>
<td>Native herbaceous plants; semi-shade; deer for rock garden; tall garden sorts thrive well.</td>
</tr>
<tr>
<td>Daisies (Chrysanthemum)</td>
<td>4'-8'</td>
<td>April-June</td>
<td>Yellow, white</td>
<td>Many native varieties especially adapted for rock gardens; gritty soil; good drainage; full sun; several resemble tiny evergreen shrubs.</td>
</tr>
<tr>
<td>Dianthus (Dianthus)</td>
<td>4'-8'</td>
<td>April-June</td>
<td>Yellow, pink</td>
<td>Native herbaceous plants; semi-shade; deer for rock garden; tall garden sorts thrive well.</td>
</tr>
<tr>
<td>Foxgloves (Digitalis)</td>
<td>4'-8'</td>
<td>April-June</td>
<td>Yellow, white</td>
<td>Many native varieties especially adapted for rock gardens; gritty soil; good drainage; full sun; several resemble tiny evergreen shrubs.</td>
</tr>
<tr>
<td>Pinks (Dianthus)</td>
<td>4'-8'</td>
<td>April-June</td>
<td>Yellow, pink</td>
<td>Native herbaceous plants; semi-shade; deer for rock garden; tall garden sorts thrive well.</td>
</tr>
<tr>
<td>Wallflowers (Erysimum)</td>
<td>4'-8'</td>
<td>April-June</td>
<td>Yellow, pink</td>
<td>Native herbaceous plants; semi-shade; deer for rock garden; tall garden sorts thrive well.</td>
</tr>
</tbody>
</table>

#### annuals (Northwest)

<table>
<thead>
<tr>
<th>NAME</th>
<th>HEIGHT</th>
<th>SEASON</th>
<th>COLOR</th>
<th>CHARACTER AND USES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antirrhinum (Snapdragon)</td>
<td>8'-30'</td>
<td>May-October</td>
<td>Various</td>
<td>Dwarf and tall sorts for front, middle and back of border; unsurpassed for cutting.</td>
</tr>
<tr>
<td>Arctotis (Chenopodium)</td>
<td>18'-30'</td>
<td>June-September</td>
<td>Various</td>
<td>Masses of color in the late garden or fall cutting.</td>
</tr>
<tr>
<td>Alum (Lupinus)</td>
<td>18'-30'</td>
<td>June-September</td>
<td>Pink, white, various</td>
<td>New improved types of this old favorite; avoid too rich soil.</td>
</tr>
<tr>
<td>Caliopsis (Calocephalum)</td>
<td>18'-30'</td>
<td>June-September</td>
<td>Yellow, various</td>
<td>Very long season; ideal for yellow in the mixed border.</td>
</tr>
<tr>
<td>Diascia (Diascia)</td>
<td>12'-15'</td>
<td>July-September</td>
<td>Pink, salmon</td>
<td>The Garden Pinks, liking cool weather thrive, wondrously.</td>
</tr>
<tr>
<td>Erysimum (Persicaria)</td>
<td>10'-12'</td>
<td>June-September</td>
<td>Yellow, golden, various</td>
<td>Masses of golden yellow; easy from seed soon where to bloom; new varieties.</td>
</tr>
<tr>
<td>Godetia (Godetia)</td>
<td>12'-15'</td>
<td>June-September</td>
<td>Rose, crimson, white</td>
<td>Thrives perfectly; satiny cup-shaped flowers.</td>
</tr>
<tr>
<td>Larkspur (Delphinium)</td>
<td>15'-24'</td>
<td>June-Octob</td>
<td>Pink, rose</td>
<td>Hollyhock-like foliage and flowers; good against evergreens or wall; Loveliness particularly fine.</td>
</tr>
<tr>
<td>Lavatera (Tropaeolum)</td>
<td>30'-48&quot;</td>
<td>June-September</td>
<td>Pink, rose</td>
<td>Unsurpassed for ground cover, walls, banks, window boxes; &quot;Portland&quot; varieties.</td>
</tr>
<tr>
<td>Petunia (Petunia)</td>
<td>15'-24'</td>
<td>May-October</td>
<td>Pink, white, various</td>
<td>Masses of color; to use as extremities of color or cut flower.</td>
</tr>
<tr>
<td>Poppy (Papaver)</td>
<td>8'-24&quot;</td>
<td>May-July</td>
<td>Lilac, pink</td>
<td>Unsurpassed for ground cover, walls, banks, window boxes; &quot;Portland&quot; varieties.</td>
</tr>
<tr>
<td>Sweet Pea (Lathyrus odoratus)</td>
<td>30'-72'</td>
<td>June-September</td>
<td>Pink, various</td>
<td>Masses of color; to use as extremities of color or cut flower.</td>
</tr>
</tbody>
</table>

(Lists continue on page 134)
How To Use The Chart

UNDER list of "Injuries Noticed" find capital letter corresponding to observed injury or effect. Locate name of tree or shrub in "Plant" column. Opposite the name of tree or shrub, you will find capital letters (denoting injuries) immediately followed by arabic numerals. These arabic numbers (5) refer to the "Insect" column, indicating which insect or insects are probably causing the trouble. Opposite the names of the insects are Roman numerals (IV) which indicate the remedies, sprays, etc., that are suggested as explained in the column headed "Suggested Treatment."

The information being in chart form, a part of the symptoms or suggested remedies may not always be applicable to certain insect infestations. Suggestions under "I" cover a broad field and should be applied as the case indicates.

This chart and the ones to follow were compiled by Andrew Wilson.

Injuries Noticed
A. Leaves eaten irregularly—or in holes—or skeletonized. Trees sometimes partially or entirely defoliated.
B. Leaves blistered or mined and discolored.
C. Leaves or twigs show palls.
D. Leaves discolored or spotted, sometimes entirely defoliated.
E. Leaves turn brown and fall prematurely.
F. Twigs arc pitted or pockmarked.
G. Bark discolored, sometimes exuding sap or sticky with "honey dew.
H. Bark or leaves.
I. Woolly or white frothy masses on twigs.
J. Needles dwarfed and browned.
K. Central or terminal leaders wilt and turn brown.
L. Needles eaten by insects, or hanging loosely.
M. Needles or twigs blisters or mined and discolored.
N. Needles eaten by insects, or hanging loosely.
O. Needles eaten by insects, or hanging loosely.
P. Needles eaten by insects, or hanging loosely.
Q. Needles eaten by insects, or hanging loosely.
R. Needles eaten by insects, or hanging loosely.
S. Needles eaten by insects, or hanging loosely.
T. Needles eaten by insects, or hanging loosely.
U. Needles eaten by insects, or hanging loosely.
V. Needles eaten by insects, or hanging loosely.

Ornamental Trees And Shrubs
Letters refer to injuries noticed; numbers refer to insects

- Alianthus (Tree of Heaven), A1, L78
- Alder, A1, L78, 19, 23, 24, 27, 28, 30, 31, BE-49, D57, L75, M85, N92, 97
- Arborvitae, A, U, 2. B43, C54, D156, L72, N92
- Ash, A10, 12, 15, 16, 18, 22, 27, L76, 79, N99, 90, 92
- Azalea, A22, C50, J62
- Barberry, A22, 31
- Beech, A3, 11, 17, 18, 19, 20, 24, 25, 27, 28, 31, BE-49, D57, L75, M85, N92, 97
- Birch, A2, 5, 7, 11, 17, 18, 19, 21, 22, 23, 28, 29, A140, B46, D156, M85, N92, 93, 98
- Box, B48, C54, L76
- Catalpa, A6, 37, J66, L79
- Cedar, A17, A142, C54, L72, 79, N92
- Craetaegus (Hawthorn), A3, 27, J62, L74, 80, N100
- Cypress, A17, N92
- Dogwood, H. 49, L75, M85, N92
- Elder, A17, L79
- Elm, A5, 7, 10, 16, 17, 18, 21, 26, 27, 30, 31, A.R.S. B44, B45, B-E. 49, D156, D-J57, F58, J53, K68, L69, 70, 79, 80, M85, 86, 87, N92, 94, 95
- Euonymus, L70
- Fir, A33, C54, L71, 77
- Hackberry, A14, 26, AJ40
- Hazel, A4, 21, 29
- Hemlock, L71, N92, 101
- K68, L75, M85, 86, 87, N92, 96, 97
- Holly, B47
- Honey Locust (Gleditsia), A3, 17, AJ40, M86
- Horsechestnut (Beckeye), A31, AJ40, A.U42, L76, N97
- Juniper, A17, C54, L72
- Kalmia (Laurel), C51
- Larch, A11, 31, 33, D157, N92, T112
- Lilac, A1, 15, 22, L76, N90
- L76, 79, M86, N97, XP103, S110
- Locust (Black or Yellow), A10, 18, 20, 28, A.U42, B49, M87, N99, NR106, S108
- Magnolia, L73, 82
- Maple (various species), A5, 7, 10, 12, 13, 17, 18, 20, 21, 22, 24, 25, 27, 29, AJ40.
- A142, D156, D.J57, J63, 64, 65, 66, L71, 74, 75, 76, 79, M85, 87, N99, 92, 97, S110
- Oak, A3, 5, 10, 17, 18, 19, 20, 21, 24, 27, 28, 29, 31, BE-49, C54, K68, L75, L583, L584, M85, 87, N99, 92, 97
- Pine, A17, 33, C54, D157, H61, J67, L71, 77, 81, N92, O107, T111
- Poplar (Cottonwood), A7, 8, 10, 11, 18, 20, 21, 22, 26, 31, 32, 34, 36, AJ40, D156, K68, L74, 76, 79, M86, N93, 98, 99, NR104
- Privet, C54, S-5, D156
- Rhododendron, A41, C51, J62, N91
- Salvia, A15
- Saxafras, A17, 18, 22, 31, M87
- Sourwood, A28
- Spice Bush, A22, L74
- Spruce, A17, 33, C54, F60, L70, 81, N92, O107
- Sweet Gum (Liquidambar), A10, 15, 17, 19, 22, A.U42
- Sycamore (Buttonwood), A1, 17, 18, 21, 31, A.U42, C52, L74, N97
- Taxus (Yew), A, AQ41
- Tulip Tree, A22, D156, L82
- Viburnum, D156
- Virginia Creeper, A9, 31, L73
- Walnut, A3, 15, 16, 19, 21, 28, D156, L75, 79, 80, M85
- Witch Hazel, A21, 28

List Of Insects
Small letters refer to "Cause of Injury"
Capital letters refer to "Injuries Noticed"
Roman numerals refer to "Suggested Treatment"

1 a. Alianthus silk moth. A XIII
2 a. Birch leaf skeletonizer. A
3 a. Black Walnut caterpillar. A VIII, XIII
5 a. Brown tail moth. A VI, XXII
6 a. Catalpa sphinx. A XI
7 a. Cecropia moth. A VIII, XIII
8 a. Cottonwood dagger moth. A XIII
9 a. Eight-spotted forester. A XI, XIII
10 a. Forest tent caterpillar. A X, XIV
11 a. Gipsy moth. A I, IX, III, X, XII
12 a. Green Maple worm. A XI
13 a. Green striped Maple worm. A VIII, XIII
March, 1931

Suggested Treatment

CULTURAL MEASURES

I. Keep trees and shrubs strong and well nourished. Remove badly infested trees or parts and burn before May 1. Remove and burn bark from stored logs. Remove infested leaves or twigs when possible or feasible, and burn in late summer or early fall. Remove and burn rubbish and fallen leaves or twigs as soon as noticed. Paint scars and wounds with good tree paint and have competent tree surgeon treat all cavities.

MECHANICAL METHODS

II. Use moth trap with blue light, hung over kerosene floating on water.

III. Band trees with tree-marking material from September 1 to June 1.

IV. Base of tree to be protected by wire screen, not over 1/2 in. mesh, around trunk—1 ft. high, 2" away from trunk—but spray to trunk at top edges and extending several inches into the ground.

V. Cut out borer carefully with sharp knife or force flexible wire into their burrows, or inject carbon bisulfide and plug entrance hole with clay or putty.

VI. Burn webs or habitation nests.

VII. Destroy pupae in ground at base of trees.

SPRAYs

For dilutions on various plants consult manufacturer’s recommendations. Use great care with miscible oils on evergreens. We do not recommend winter oils for Larch or Sugar Maple. For all “wooly” sucking insects, use forcible spray with efficient spreader of high wetting power. For leaf feeding insects generally spray UNDER the leaves. Never spray when the temperature is below 40° F.

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V. Lead arsenate spray in early spring.

VI. Lead arsenate spray in late spring.

VII. Lead arsenate spray as soon as larvae, insects or injuries are noticed.

VIII. Miscible oil spray in dormant period, just as leaves have started.

IX. Paint egg masses with creosote.

X. Destroy pupae in ground at base of trees.

CULTURAL MEASURES

I. Keep trees and shrubs strong and well nourished. Remove badly infested trees or parts and burn before May 1. Remove and burn bark from stored logs. Remove infested leaves or twigs when possible or feasible, and burn in late summer or early fall. Remove and burn rubbish and fallen leaves or twigs as soon as noticed. Paint scars and wounds with good tree paint and have competent tree surgeon treat all cavities.

MECHANICAL METHODS

II. Use moth trap with blue light, hung over kerosene floating on water.

III. Band trees with tree-marking material from September 1 to June 1.

IV. Base of tree to be protected by wire screen, not over 1/2 in. mesh, around trunk—1 ft. high, 2" away from trunk—but spray to trunk at top edges and extending several inches into the ground.

V. Cut out borer carefully with sharp knife or force flexible wire into their burrows, or inject carbon bisulfide and plug entrance hole with clay or putty.

VI. Burn webs or habitation nests.

VII. Destroy pupae in ground at base of trees.

SPRAYs

For dilutions on various plants consult manufacturer’s recommendations. Use great care with miscible oils on evergreens. We do not recommend winter oils for Larch or Sugar Maple. For all “wooly” sucking insects, use forcible spray with efficient spreader of high wetting power. For leaf feeding insects generally spray UNDER the leaves. Never spray when the temperature is below 40° F.

V. Lead arsenate spray in early spring.

VI. Lead arsenate spray in late spring.

VII. Lead arsenate spray as soon as larvae, insects or injuries are noticed.

VIII. Miscible oil spray in dormant period, just as leaves have started.

IX. Paint egg masses with creosote.

X. Destroy pupae in ground at base of trees.

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# The Gardener’s Calendar for March

This Calendar of the gardener’s labors is planned as a reminder for taking care around March, all his tasks in their proper seasons. It’s fitted to the climate of the Middle States, but may be made available for the whole country, if, for every one hundred miles north or south, allowance is made for a difference of from five to seven days later or earlier in the time of carrying out the operations. The dates are for an average season.

<table>
<thead>
<tr>
<th>SUNDAY</th>
<th>MONDAY</th>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
<th>FRIDAY</th>
<th>SATURDAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>2.</td>
<td>3.</td>
<td>4.</td>
<td>5.</td>
<td>6.</td>
<td>7.</td>
</tr>
</tbody>
</table>
|        | Rhubarb
should be dug and planted now.        |        | Cattails
are in bloom on the last of the month. |        |        |
|        |        |        |        |        |        |        |
|        |        |        |        |        |        |        |
| 15.   | 16.   | 17.     | 18.       | 19.      | 20.    | 21.      |
| Any changes in old planting or new
plants container should be
replanted. | Better make
arrangements to
get your perennial
plants. | Sowing of all
the winter
vegetables. |        |        |        |        |
|        |        |        |        |        |        |        |
| 22.   | 23.   | 24.     | 25.       | 26.      | 27.    | 28.      |
| The top
soil former
on the
strawberries. | Small roots
of the garden
vegetables. | All of the
varieties that
are to be planted
now. |        |        |        |        |
|        |        |        |        |        |        |        |
| 29.   | 30.   | 31.     | First Week: Fair and warm, last snow melting. |        |        |        |
| Palm Sunday. | All of the
vegetables should be
transplanted now. | The date for
all outdoor
fertilizing. |        |        |        |        |
|        |        |        |        |        |        |        |

## March Flowers

"March cometh in like a lion," and "March winds and April showers bring May flowers." But however cold or wet March may be, it is not merely a nursery for flowers to come in May, it has abundance of flowers of its own, both in the fields and hedges and in the gardens. There are perhaps no more welcome flowers than the wildflowers of March; in the hedges are primroses and violets, and everywhere is the bright corkscrew and the lesser celandine, certainly one of the brightest of the flowering plants. —Deacon Ellacombe

## Old Dec LeMonn Finds Virtue In Listening

"When they get to talkin' 'bout Spring, the most folks seem to think of them that are seen or smell. Flowers, grass gittin' green, passy-villers, birds a-huntin' songs on the front lawn,—thins' like that. But what I'm thinkin' 'bout now is that Winter's gone, and all the wild things that he brought on his way in are ready to come out. There's been a lot of them that's been seen or smelled, but only a few have really seen. Somewhere, a body's ears can get a hint at his insides just as quick as his eyes or nose can.

"Well, if I reckon, then, I reckon there's more of the things than we ever thought about. That's a bad thing. It's just as bad as if a man was to find that the wind was the same weather, all over the world, but only because the wind was the same weather. That's a bad thing. But it's just as bad as if a man was to find that the wind was the same weather, all over the world, but only because the wind was the same weather. That's a bad thing. But it's just as bad as if a man was to find that the wind was the same weather, all over the world, but only because the wind was the same weather.

"Now, signs like these are all right on him mighty well welcome after three months of snow and cold and chills and aches. But it all seems a little out of place in March. It's a little out of place now. But it's just as bad as if a man was to find that the wind was the same weather, all over the world, but only because the wind was the same weather. That's a bad thing. But it's just as bad as if a man was to find that the wind was the same weather, all over the world, but only because the wind was the same weather.

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The restrictions of the season in many homes bring an added problem to the puzzled meal-planner. In her efforts to maintain the variety and attractiveness of her table, she eagerly welcomes such allies as these four strictly vegetable soups, containing no meat in any form—Tomato, Asparagus, Celery, Pea.

Their tonic vegetable goodness is augmented by nourishing creamery butter, and of course the blending and seasoning reveal all the art and skill of Campbell’s famous French chefs. Even richer and more delightful when creamed according to the simple directions on the labels. Order a supply today. 12 cents a can.

Look for the
RED-AND-WHITE
LABEL
THE LAMP YOU SELECT SHOULD BE THE HEIGHT OF GOOD TASTE OR IT MAY MAR AN OTHERWISE ATTRACTIVE HOME.

OUR LAMPS FULFILL ALL THAT CAN BE DESIRED IN STYLE AND QUALITY. CONSISTENT IN MERIT WITH NUMEROUS LINES THAT HAVE MADE OUR NAME FAMOUS AS AN IMPORTER OF DECORATIVE ARTS.

ASK YOUR DEALER TO SHOW YOU CARBONE LAMPS OR SEND US HIS NAME AND WE WILL DIRECT YOU TO A REPRESENTATIVE DISPLAY.

CARBONE

348 CONGRESS STREET - BOSTON

120 Fifth Ave., New York - 202 No. Michigan Ave., Chicago

Small footed American pewter bowl made about 1820. It was originally used as a baptismal font. American Art Association—Anderson Galleries, Inc.

ENGLISH AND AMERICAN PEWTER

(Continued from page 75)

Box: For candles, money, pepper, powder, puffs, points, salt, sand, stuff, tobacco, etc. Many types and sizes. 18th Century—elaborate English tobacco boxes; rectangular, cut corners, shaped lid with finial, scroll feet. Snuff-boxes and mulls, especially English and Scotch, late 18th and early 19th Centuries; box generally oblong with rounded corners, rarely circular; fanciful pistol, slipper, and grotesque mask forms; inside often gilded. Plain or engraved in French, Dutch, or German styles—scrollwork, floral, hunting scenes, etc. Seldom marked.

British metal: English, about 1825; a trade name for superfine quality of pewter, later hardened as substitute for Sheffield Plate, 19th Century—tea and coffee sets.

Candlestick: English types in period styles largely follow silver designs since Middle Ages. Many types—tall, medium, and low; plain or highly ornamental. Decorative Jacobean, William-and-Mary and Queen Anne types; plain in early Georgian, late 18th Century—brazier, Adam classic column type, early 19th Century—simple border ornament. Taper-holders—small candlestick, 17th Century and later. American: Colonial—plain, tubular, for pricket or socket; home-made until about 1750, when commonly made by pewterers; simple baluster and other English types. Brass more common in Federal period (1750-1825) except for kitchen and cottage use. Low chamber candlesticks of pewter or white metal, with concave extinguishers.


Cistern: 14th Century, English; small box, generally square. Couverts: English, 18th Century and later.

Coffin: English; crust-mold for meat-pie.

Collecting: Little interest in old pewter until 20th Century; few collectors, and little known of it. Notable museum and private collections now being made. English: Guildhall Museum, large vessels and fine table plate, from 16th Century; Victoria and Albert Museum, massive pieces, some silvered; many private collections by members of the Pewter Collectors’ Society and others. American: The Metropolitan and other museums, many historic houses with local collections, private collections. Pieces kept polished in most collections, but occasionally unpainted. Texture, color, form, ornament, probable age, nationality, technique, artistic and historic interests are notable points in collecting.

Cooking utensils: Every type and size formerly made in large quantities. Colanders with side handles, pierced in attractive patterns, especially early 19th Century. 18th Century—tunneled, with ring for hanging.

Counterfeits: English; small bowl or porringer, pierced ear handles, a large Tudor rose generally stamped on the bottom; several sizes. Dutch imitations much used in England.

Counterpans: See Touch Plate, and Marks—English.

Cup: British—great variety of sizes and shapes, one, two, or no handles. Beaker, beer bowl, brewers’ cup, chalice, cider cup, Corporation Cup or Hanap—elaborate standing cup—see Porringer, egg-cup, French cup—old footed cup—short stem, goblet, posset cup—saucer type, tankard, two-handled cup, wine cup. American—beaker, bowl, flagon, goblet, mug, tankard.

Decoration: British and American, usually plain, with molding; beaded or reeded rim, engraving rings in relief or incised; see engraved or pierced handles, a large Tudor rose generally stamped on the bottom; several sizes. Dutch imitations much used in England.

Decorative Plate: Rare since 16th Century; Of Continental inspiration.

Dish: Properly designates a large plate. Various English names since 15th Century—charger, cardinal’s hat, Florentine dish, gallow dish, meat dish, platter, rose-water dish, small dish, venison dish, etc. Oval forms in vogue mid-18th Century. 19th Century—English flat platter, strengthened by molding.

Drinking Vessels: Beaker, can, cup, ewer, flagon, jug, measure, mug, tankard, yug.—quint—quint.


Ecclesiastical: Church plate, early of pewter except for festivals. 15th Century—large chalices with handles.

(Continued on page 106)
... The elegance of 18th century France finds expression in this patrician TAPESTRY.

One sees in this splendid Schumacher production much of the etched-like beauty and rare shading of an Aubusson. The seat and back depict flowers in warm tones clustered on a neutral ground. Embroidered motifs, too, ornament the arm strips. A richly distinguished tapestry to suit the fine, supple contours of a Louis XV chair ... or to grace an occasional chair in various decorative schemes of character and charm. """"Schumacher Fabrics are sold only through decorators, upholsterers or the decorative departments of department stores. Send for complimentary booklet "Fabrics—the Key To Successful Decoration," Dept. E3, 60 West 40th Street, New York. Offices also in Boston, Philadelphia, Chicago, Los Angeles, San Francisco, Grand Rapids, Detroit.

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Colly's antiques are personally sought for and carefully collected abroad. Only when necessary are they reconditioned and then without loss of antiquity.

The group illustrated above is typical of our French collection. 18th Century desk in fruit wood with mahogany inlays, secret compartments, upper doors covered with book bindings, top of tooled leather, 35 inches by 60 inches—$1250.00.

Desk chair, Provincial Louis XVI, carved walnut frame, old blue striped and flowered brocade upholstery—$165.00.

Caved walnut religious figure—$195.00.

Florentine, 17th Century, msal holder in white and gilt, adjustable neck—$45.00.

Louis XVI arm chair, white and green paint, upholstered in clints—$275.00.

Louis XVI arm chair, walnut frame, clints upholstered—$225.00.

Antique Oriental rug, 3 feet 4 inches by 5 feet—$90.00.

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**English and American Pewter**

(Continued from page 104)

Flags and tankards commonly used in Great Britain, Baptismal basin and ewer, alms basin; chalice and paten.

Colly, English, 17th Century, small vessel. Scotch communion tokens, about 1 inch diameter, stamped round or hexagonal; 17th Century, larger with date and monogram, 18th Century—imitates initialed occasionally.

Ecuelle: French earthen broth bowl or vegetable dish. Term used for soups in England.

English: Superior metal, early worked, common since Middle Ages. Domestic and ecclesiastical; rarely gilded, sometimes decorated. 14th Century—feast vessels hired for Christmas, etc. 15th Century—dishes, plates, porringer, etc. 17th Century—general use, replaced by silver for wealth. After Restoration, complete pewter table service temporarily replaced silver melted for war. Made in London, York, Newcastle, Exeter, Bristol, etc. Brief Art Nouveau revival, late 19th Century. Important modern revival.

Escor: Jug, or pitcher. English—early rose-water type, 17th Century—low-knob and ravenshank—large and small, both with bear-shaped lipspouts.

Finel Metal: See Pewter.

Flagon: Large tankard, flat or domed lid. Early domestic and ecclesiastical types similar. Superceded Cromwellian blackjacks. Frequent Rose decoration inside bottom, cast or soldered. Body, cylindrical, tapering, bulbous at bottom, or pear-shaped.

English, Irish, and Scotch variants with C-shaped or other handles, lids, finials, and thumb-pieces varied.

Florentine dish: English, 15th Century and later, serving dish for meat.

Garsh: English, term old for set of dozen dishes—flats bowls, sauce or flat plates, and platters.

Goldsmith: English; from French gasser, tankard, two sizes, largest size with dolphin ears.

Sidell: English, 1344—earliest record of Pewterers’ Company “Ordinances.” London, 1473—“The Craft of Pewterers.” 1612—“Company of Pewterers.” London, supreme in influence throughout England. Other guilds at York and Edinburgh, Irish pewterers included in Guild of Smiths, Dublin, and Society of Goldsmiths, Cork. London Company regulated pewterers’ work strictly; the regulations similar in essentials to those of Paris, Limoges, and Rouen. No night work, pewterers must serve full apprenticeship to become masters in the Company, weight of articles fixed, different alloys for different vessels, the alloys tested by standards kept at Pewterers’ Hall, all plates must be finished around the boose by hammering, to strengthen them, 1621—new tin and lead only were used. Efforts were constantly made to lessen the practice of occasing old pewter and labbing the quality by added lead, which efforts resulted in gaining the reputation of supremacy for the quality of English pewter.

Handle: Flat strap metal or hollow cast, often with thumb-piece; lower end terminals—early a flattened curve, bulbous curve, blunt curve; English—fish-tail, scoop—rudimentary split end.

Hot water plate and dish: English, mid-17th Century, many patterns. A shallow bowl underneath the plate for hot water to keep food warm. Round or octagonal like set of plates; planter, or venison dish with gravy channels in tree form, fixed or loose tops; fixed or drop handles; sides molded or perpendicular.


Lining Fixtures: In successive period styles follow pewter styles—candlestick, snook, lamp—whale oil, camphene, spirit, etc.; Betty lamp, coursing, or sparking lamp, etc. Brass trimmings occasional in England.

Loggier: Circular inkstand, generally on flat dish or base.

Marks: English—English and American marks often similar. 1423—a regulation that pewter ale-pots should be “sealed” and stamped. 1593—compulsory marks by Act of Parliament on lay metal, finer metal probably marked earlier. First recorded use of official “touch” about 40 years later. Counterpays—a sheet of metal kept at Pewters’ Hall, London, on which the pewterer’s touch was stamped for verification. The stamp itself called counterpays at York. Guilds in London, York, Bristol, Exeter, etc. York copied London. Many known touches with dates on pieces, 1673-1824. Some pewter unmarked, especially by small country or traveling pewterers. Much unmarked pewter, 1859-69. Many 19th Century candlesticks and table beakers unmarked. Generally the smaller the mark the earlier the piece, like a small circle surrounded by beads or dots, 16th or 17th Century, but early marks on dishes are larger than later. The large touch on any piece is the most important mark. The touch consists of initials of pewterer, and various devices: Company’s quality mark—the Rose or "stryk," generally but not always with Crown above. Maker’s mark, not required by the Pewterers’ Company, but simulated silver marks: four small shield-shaped pendants, usually in a row, containing loops, heads, initials, a sun in glory, head, heart, dolphin, dog, caduceus, angel on globe, Catharine wheel, etc. generally 15th or early 16th Century. Crown and Feather, Rose and Crown, Royal Arms with Garter and Crown—Tudor marks. Figure of angel rare, and different from Continental. Some part of a still occasional candlestick’s chief device on London 18th Century pewter. 17th Century—generally maker’s name only, occasional portcullis, the form of the pewterer’s sign, a maker’s touch—accompanied by a knot or loop, looks different from Continental. A new touch—accompanied by a knot or loop, looks different from Continental. A new touch—accompanied by a knot or loop, looks different from Continental.
Complexions rare as any gem

LEARN FROM THE ENGLISH WOMAN
THE SECRET OF HER RADIANT SKIN

Never more beautiful than at evening, when the hard brilliance of artificial light demands the utmost of a fine complexion, the English woman sets a standard of beauty that the entire world has envied. Her skin is flawless, her coloring perfect, her grooming exquisite to the least detail. There is no magic to account for this . . . unless one simple rite of daily care be magic. But the English woman is fastidious in the extreme about the preparations she uses. One soap—Yardley's; one cream—Yardley's; one powder—Yardley's . . . all with that lovable fragrance of English Lavender. And all available to you.

Eight generations of well-groomed women confirm your choice of Yardley's English Lavender Soap. For a hundred and fifty years its gentle, refreshing care has guarded complexions famous for their beauty. And now that we need a cream to supplement our soap and water cleansing, comes English Complexion Cream—three creams in one. A cleansing cream, to sink to the very depths of our clogged-up pores. A nourishing cream to repair, while we sleep, the ravages of day. A powder foundation to be put on and then washed off in water. All these in one. Then, for the finish, English Lavender Face Powder, subtly shaded and delicately fine, in six well-blended tints.

But for the complete story of English beauty, write for our booklet, "Complexions with an English Accent." It is free. Yardley & Co., Ltd., 452 Fifth Avenue, New York City; in London, at 33 Old Bond Street; also Toronto and Paris.

Photo by Eric Gray, London

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About English Lavender there is a sweet, cool fragrance that no other perfume has ever caught . . . a delicacy and gentle wistfulness. An enduring winsomeness, if you will. For many perfumes have come and gone in fashion's capricious train, but only this one has remained in permanent favor. Only this English Lavender of Yardley brings with it the tradition of a century and a half of increasing popularity. . . . The English gentlewoman is born to the use of Lavender. Eight generations of radiant women have taught her its subtle charm. Now, she shares its beauty with America. For all these preparations are available here. The Lavender itself, is $15 to $1, in various-sized bottles.
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Quite distinct in character, are the authentic, hand made Colonial reproductions from the studios of the Virginia Craftsmen, accurate copies of the old masters, each possessing individuality and charm.

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HARRISONBURG, VA.

Hous e & Garden

English And American Pewter
(Continued from page 106)

London marked pieces. Letter X with or without a Crown indicates extraordinary quality of metal. Rose and Crown, a favorite mark as on Continental, permitted on pieces to be sold outside London, but not with maker's name, initials, date, etc. Name of maker, sometimes with address, inscribed in a rectangle, British Eagle on many pieces, but unlike American, Owner's initials: stamped on plates and bowls, finely engraved on tankards and other fine pieces; arranged triangularly nearly always in 17th Century, displaced possibly about 1725, the top letter being the initial of the surname, bottom at left of the man's Christian name, bottom at right of wife's Christian name. Marks: Irish—harp, an old Dublin mark. 1697—a statute required pewer of same quality as in London. Marks: Scotch—regulated since 16th Century. Maker's touch, design with name often embodying a pun. 16th Century—quality mark, Crowned Hammer or maker's name; 17th Century and later—Thistle; 18th Century—Crowned Thistle, English Crowned X, Expanded Rose. Arms of city occasionally. Glasgow—Tree with fish across trunk and bird on top; Edinburgh—Three-towered Castle. Marks: American—not compulsory; few marked pieces before 1750, 1830—much unmarked pewter, Colonial: Crowned Rose, Crowned Rose with other marks, initial or not in Crown or on Rose, State-of-arms or other devices, individual name plate. Federal and later: American Eagle, early simple, later outstanding; 1790-1850—Eagle general. In 1825 and later—plain standard punch with name or name and address, generally in a rectangle. Hallmarks used by ten makers. Letter X does not signify fine metal.

Measure: Graduated sizes, various shapes, with or without lid; baluster, pot-bellied, bulbous Bristol type. English, 17th Century—Winchester, thurndell or thurndale, Irish—hay-stack, Scotch—mutschkin, 5 gills, 6 gills, 8 gills. Moulds: One English firm traces direct connection with London Pewters! Company established 200 years ago. Some English 17th Century pieces—tankard, measure, salt, pepper, mustard-pot, and other small pieces resemble polished lead. Increasing use of pewter in England and America. Some extraordinary applications of this metal in modernistic designs, as during the earlier Art Nouveau Continental influence.

Mold: Made of gun-metal, brass, stone, sand, plaster of Paris. Plates, dishes, spoons, etc., cast and polished. Flagon and tankards cast in several pieces, soldered, and turned on lathe. Handiwork, hollow: Old pewter frequently recast, though prohibited by guilds. Much 18th Century English pewter has been recast at least three times.

Mold: Late 18th and early 19th Century; small horn-shaped implement for working snuff, often a ram's horn, pewer mounted. Durel, a noted Scotch maker of snuff mulls. See Box. Nef: Like sugar; ship with sails and rigging, for liqueur, with faucet in stem.

Pewter: Alloy variously constituted, tin with copper, iron, lead, antimony, and brass, modernly with zinc. English grades: 1.112 parts tin, 26 copper—fine or plate metal, standard for plates, dishes, etc. 2. 100 tin, 17 antimony, 1. 60 tin, 40 lead—the Black Metal of public houses. "Tin"—for hollowware, 112 parts tin, 26 lead. Trifling or Trefle, with thumb lead, for ale house pots. Ley, Lay, or Lea Metal, more lead added, and thus alloyed. Tests by weight, color, feel, resonance. Texture—surface absorbs light, producing a soft luster. Color—subdued bloom on old pewter; different qualities age differently. American—usually 4 parts tin, 1 lead.


Plate: Pitch: 1602; a money bank, Dundee, Scotland; for fines for non-attendance at the Council; a rare decorative piece.

Plates: For eating, used until 1810-15, England, 1820-25, America. Plate of tinner size, less than 10 inches. All sizes, 8-inch to 25-inch, square to circular. Measuring 3 1/2 inches, later, 5 1/2 inches. Edge often recast. 18th Century—beaded edge; five-lobed scalloped or initiated edge 1760-1840, plain, reeded, gadsbroid, octagonal.

Plate Metal: See Pewter.

Porringers: British—covered two-handled bowl. American—small hollow bowl, two ear, or lug handles, pierced, with scalloped edges.

Pots: Measure or drinking vessel. English—great, small, and half pots. Thurndell, thirindendale, or thirindale, holding about three pints; half thirndale, hooped thirndell, "great hooped quart". Winchester and other similar pots, long hooped Winchester pot, jug pot, etc. Pot pots and tankards, as rowing prizes at Oxford and Cambridge, modernity of Britannia, Ralph Marsh, Quirk, Querch, Quirk. Scottish drinking vessel, shallow bowl or saucer, the bowl rounded, not flat bottomed; two lug or ear, handlles resembling American porringer, 1 1/2 to 10 1/2-inch diameter.

Rose Pewter: See Marks.

Rose-water Dishes: Early English, Carolinian examples, one of King Charles in enamels in center.

Sad-ware: Hollow-ware; its makers known as sad-ware-men.

Salt: English, Stuart spool-shaped or standing salt; 17th Century—trencher salt with depressed well; mid-18th Century—cup on circular foot.

(Continued on page 122)
ANNOUNCING THE NEW 1931 PROGRAM
FOR THE CORD FRONT DRIVE

In keeping with our long standing policy, we are again able to make the public
the beneficiary of the savings obtainable through better manufacturing
methods and greater buying power. For the first time, a Cord Front-Drive
car is now offered to a larger market. Owners of the Cord Front-Drive will tell
you it is the finest automobile in the world. Nothing less than a totally new
kind of motoring could make possible the successful invasion of the Cord into
the fine car field. Its sales in its first year represent nearly twenty per cent of
all cars sold above $3000. The Cord became the model for the entire automobile
industry to pattern after. It is this car, which is the standard of fine car values,
with its exclusive front-drive advantages, which we are now able to offer for the first time at the extremely low price of— 2395

BROUGHAM $2395 • SEDAN $2395 • CONVERTIBLE CABRIOLET $2495 • CONVERTIBLE PHAETON SEDAN $2595
Prices f. o. b. Auburn, Ind. • Equipment other than standard, extra • AUBURN AUTOMOBILE COMPANY, AUBURN, IND.

CORD
FRONT DRIVE
weather is mild and ever-heating both objectionable and expensive. Radiation, naturally, is figured to give 70-degree warmth on the coldest days. As extreme weather does not usually last long, it is claimed that this device makes possible economies in fuel to the extent of 20 to 40 per cent as compared with systems employing hand operated valves. This gadget sees to it that only as much of the radiator is heated as is required to hold the temperature at the desired degree.

SAFETY GLASS

MOTOR car makers and owners are fast adopting laminated safety glass. And some home owners are asking the glass manufacturers why this non-shatter glass would not be good as a medium for making windows burglar-proof—"it is so hard to break through," they say. Not because it is hard to break through, but because a special tool is required to cut it, there might be merit in it as a "burglar-proof" of windows. But be warned, as the producers warned me, it is apt to turn yellow or brown upon long exposure to sunlight. In a car where there is no chance for this glass to discolor, because the life of a car is much shorter than the time required for such discoloration. Until this remarkable glass is further perfected, one should keep electrical precautions keep out the second-story men.

COMBINATION PADLOCK

There is a bronze padlock which has, instead of a keyhole, three small dials with numerals from 0 to 9 on each. Over these is a shield which, when raised, serves as the lever or latch by means of which the lock opens. When the proper combination is set on the dials, locking is accomplished by closing the shackle and the quiet operation of the combination prevents any "feet" by which it would be revealed. This combination can be changed at any time.

EXPENSIVE OIL BURNER

INTENDED for small and very moderately priced homes, a junior oil burner is offered by a veteran manufacturer. Radically different in design from burners previously made, this one operates on the same principles which have proved successful in the larger burners made by the firm. The outstanding feature is the control mechanism in which the starting impulse of the motor is used to control the oil flow and ignition. This, we are told, affords a dependable means for operating the controls. It also secures production economies that make possible the low price.

Radio interference, which has become a common problem in the operation of oil burners, is entirely avoided by means of a radio-proof transformer. The regular metering pump is used on this burner. A thermostat, located in a room on the first floor controls operation of the unit.

FLEXIBLE WOOD

WOOD paneling for wall surfaces, flexible as canvas, comes by the roll. Only recently put on the market, it is a veneer of fine cabinet woods permanently mounted on stout cloth. It bends around corners, yet any finish that can be applied to wood, does not crack, check or warp, and is as pliable across the grain as a piece of leather.

Interiors of original charm and dignity are possible with this material, which can be used as a surfacing for structural parts of ordinary wood stock, for plaster or wallboard walls, and can even be applied over metal.

Suitable in new homes as well as old, it is formed in rolls and can be applied to doors and windows, and even to the walls of small rooms. It is warped as easily as a piece of cloth and is said to be as strong as the actual grain of trees. In one room finished with this flexible wood a unique modern effect was secured by the use of a corrugated wallboard base covered with this material.

WINDOW SILENCER

MAKING a room quiet and fresh that has been noisy and poorly ventilated is the task accomplished by a silencer just perfected. To those whose rooms are on or near a noisy street this device promises all the benefits of moderate quiet and fresh air.

Designed for placement in a window where it will command the approach of noise, this silencer produces a quiet like that secured when all windows and doors are tightly closed. It gives much more ventilation than a wide open window and changes the air in a room every few minutes without creating a draft. Easily installed in old homes, in new ones it will provide air through the walls, when so built-in, all windows would be made double and would be raised only for cleaning.

This silencer is a simple device, a flat box, five inches high, with no moving parts, and an electric fan in a circular box some six inches high. Easily set in place and connected with the nearest outlet, a switch thrown one way will cause air to be

(Continued from page 99)

ROSEVILLE POTTERY

THE ROSEVILLE POTTERY COMPANY, Zanesville, Ohio

(Continued on page 118)
March, 1931

Joseph Urban
WHO DESIGNED THE
ZIEGFELD THEATRE
AND CENTRAL PARK
CASINO
creates these
TAILORED
NET CURTAINS
for your home

EVERYTHING Joseph Urban designs is clear-cut, straightforward, vibrant with modern thinking. He uses new motifs in a new and practical way. So when we asked him to design net curtains for the windows in your home, his mind flashed naturally to the altogether new. He chose, for their decorative value, towering skyscrapers, stiffly geometric bamboo and the flight of birds.

And see what charming and wholly livable effects he has achieved. In this room corner, with its metal furniture and its modernistic radio cabinet, he has hung his skyscraper design, adding just the com-

The Skyscraper design will not only find a perfect background in a modernistic room—it is equally charming for a more conservative type. Other interesting Urban Net Curtains are Bamboo and Airplane, ten in all. Each curtain is 2½ yards long by 36 inches wide and comes in the new pongee color. You can purchase the pair from $2.00 to $2.50 each at most good stores.

If any of your friends would like to have this free booklet, just write us their names and addresses. We will see that they are supplied.

SCRANTON LACE COMPANY, Dept. 620
Scranton, Pennsylvania

Gentlemen:
Please send me, free, the interesting illustrated folder "Tailored Net Curtains, designed by Joseph Urban."

Name:
Address:
City:
State:

Net Curtains

SCRANTON
Gargle LISTERINE every 2 hours when you have a COLD or SORE THROAT

In your mouth, a fierce and continuous battle is being waged. The forces of Health against those of Sickness. Nature against Germs—dangerous bacteria that lodge and multiply in the mouth by millions, striving to cause illness.

Surely you can appreciate the necessity of using, every day, a mouth wash fatal to germs, yet harmless to tissue!

Physicians have long urged a night and morning gargle with full strength Listerine, the safe antiseptic with the pleasant taste. For Listerine kills germs of all types in 15 seconds. No faster killing time has ever been accurately recorded by science.

Gargle every 2 hours

The morning and night gargle with full strength Listerine, the safe antiseptic with the pleasant taste, showed a remarkable transformation.

Before the gargle you would see millions and millions of germs, alive, wriggling, darting to and fro. After, you would see the same germs dead and powerless to cause harm.

Repeated tests, following the technique employed at great universities, show that full strength Listerine actually reduces bacteria on the surfaces of the mucous membrane 98%.

Take this precaution

At the first symptom of trouble in the oral cavity, begin gargling with Listerine and consult your physician.

Do not be afraid to use Listerine undiluted. Only in this way can you get the full benefit of its germicidal action. Remember that Listerine is non-poisonous, absolutely safe to use, and actually healing to tissue. Lambert Pharmacal Company, St. Louis, Mo., U. S. A.

SAFE • NON-POISONOUS • PLEASANT TO USE

KILLS GERMS IN 15 SECONDS
It is a truth, almost without exception, that those who visit the Cadillac plants prefer Cadillac and La Salle forever after. To see these magnificent cars in the process of creation—to watch, with one's own eyes, Cadillac craftsmen at their work—is to have an enduring conviction that no higher standards could be enforced. And such, indeed, is Cadillac's oldest tradition—to build as finely as it is possible to build.

CADILLAC MOTOR CAR COMPANY, DETROIT, MICHIGAN, Division of General Motors

Built by Cadillac, in the finest Cadillac traditions—the new La Salle is the first car of its type to be made available in the medium-price field. Entirely aside from its Cadillac-born quality and prestige, it represents unusual value—for it serves so well and so dependably that owners drive it far longer than the average automobile.

$2195 to $3245, f. o. b. Detroit

The liberal G. M. A. C. payment plan is available to purchasers of La Salle.
THE intangible element in home furnishing is the charm that makes your room radiate desirable warmth and personality.

Nichols and Stone Windsor Chairs have given this tasteful attribute to many homes for each Nichols and Stone Windsor is patterned upon a priceless Colonial original. The adaptability of the Windsor Chair to any type of home is emphasized in productions by Nichols and Stone with superior workmanship, soft warm finishes in mahogany, walnut or antique maple—and genuine hand-woven flagg seats.

May we send you our booklet “The Tercentenary of Windsor Charm”, with many illustrations of new patterns in Windsor Chairs illustrating their appropriate use in various rooms?

NICHOLS & STONE CO.

THE HOME OF WINDSOR CHAIRS

Gardner Mass. 1915
For beauty in any room RUBBER is the "modern" flooring

Obviously, rubber, the most modern of flooring materials, is the flooring most accurately suited to the handsome Modern Library which is illustrated here.

But in rooms of any period you can use Rubber Flooring with brilliant success. For it is modern in any style or period of decoration. No matter

what colors you use, or how you pattern it, Goodyear Rubber Flooring is always attractive. It is always resilient underfoot. It muffles noise. It is dirt and moisture proof. It will not scar, scuff, or stain. It will not fade-out in patches for the fresh colors go the whole depth of the material. It requires no wax and is instantly bright with a whisk of cold water.

Whether your decorations are French, Early American, Modern, or what you will, Goodyear Rubber Flooring joins beauty, in every room of your house, with service and comfort. It is moderately priced — any home can afford these hospitable floors.
Sanitas is the cloth wall covering that can be cleaned with soap and water

The vogue for cleanable wall coverings was created by Sanitas twenty-five years ago.

But Sanitas offers you more than a waterproof surface finished in oil colors—it is made of cloth which does not tear or crack on the walls.

Because of this fabric strength, Sanitas is the preferred wall covering where permanence as well as beauty is desired.

The surface of Sanitas is non-absorbent, neither water, grease nor ink stains can penetrate the outer coating, hence stains and finger marks are easily wiped off with a damp cloth, or with soap and water if necessary.

See the Sanitas Sample Book containing styles for every room. Your decorator will gladly show it to you.

Look for the Sanitas trademark on the back of each roll. If you have any difficulty in securing genuine Sanitas, write us.

THE STANDARD TEXTILE PRODUCTS CO.
320 Broadway Dept. 21 New York

Write for Booklet and Samples
Booklet in colors offers many helpful decorative suggestions
At 4:30 P. M. on MARCH 27th
the ATLANTIC'S MOST POPULAR SHIP
sails once more with a distinguished company

THE Île de France sails. Even along the case-hardened waterfront you sense a thrill. Out of Pier 57 into a bright Hudson evening slides the ship that last year averaged from New York more first-class passengers per trip than any other afloat.

Distinguished names aboard—perhaps an eminent musician, a great scientist, a clever editor—brilliant names from the society pages—a new Hollywood star—diplomats—international bankers—to total a ship's company of travelers who are bored only by something second-rate. That, of course, is why the Île de France has always a distinguished company of guests, pointing for Plymouth and Havre, relaxing for five days into the utmost comfortable luxury.

These interesting, gay folk will once more challenge a notable chef to match the best or any Paris restaurant or London club: he will outdo himself. They will command vintages hard to find—and get them. They will once more wish (a little plaintively, perhaps) that they might steal and carry home those exemplary stewards and stewardesses, who answer needs almost before those needs are put in words. Their brilliant garments will tincture the décor of an amazingly interesting and thrilling example of modern decoration—which the Île de France is. Accustomed to the best in life, they will be completely at home.

Your French Line representative will show you, very specifically, how their experience may be yours; he will book an excellent cabin reservation for you promptly.

FRENCH LINE, 19 STATE ST., NEW YORK CITY or French Line Agents, everywhere.
**Beauty Blossoms Forth and Never Tades— with Salubra**

In Salubra Pattern No. 31634, a colorful vine climbs a lattice of light ten on a cream background. Just one of hundreds of Salubra designs to harmonize with any type of interior—Period or Modern. Furniture by Charak.

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**Informal French Houses**

(Continued from page 89)

one thousand counties. It is the deft touch which produces melodious music, not the force of the impact—and in house-making you have only to seek French examples for proof. The illustrations show various means of enclosing a part of the plot immediately surrounding the house within a wall, low or high, or a hedge. Instead of having to pay for the landscaping costs of an entire site at the outset (when the building contractor’s unpaid balance is likely to be already too high), it means that the house itself can be made to look a part of the plot. Such is the case of the house shown at the bottom of page 86 and at the top of page 87, while the upper drawings on pages 88 and 89 both indicate inexpensive means of planting around the house itself which will make it look “as though it belonged”.

Ideally the architect and the landscape architect will confer and collaborate from the very earliest stages of the planned house. Even though the owner may not consider the services of the latter an actual necessity for such a small operation as a house, it usually is one of the best investments which can be made. No house is as agreeable to live in or as easy to sell profitably as the one which has charm and a sense of being rooted to the soil—and no house barren of judiciously planted shrubs and trees, vines and flowers is likely to have those qualities. Also, there is the consideration of what and where to do the planting, and how much can be bought for the smallest sum. A landscapist can lay out a progressive schedule which will create the best effect at the end of each stage for the least outlay, an item which automatically saves more than the cost of the tee in the long run.

**Cobble stones**

Apropos of forecourts is the suggestion of many French ones which use cobble stones, some large but generally small. These are shown on page 89, laid out with divisions of flagstones around the outer perimeter as well as intersecting the field. Anyone who has seen cobble stones used in this manner, with tufts of grass growing between them, or occasional clumps of flowers, knows how engaging the effect can be. Particularly is it valuable on a slope where grass is apt to be washed away, or for building up wide terrace steps of something other than solid, unsympathetic masonry.

As to materials, the locality will determine what is most readily available, and one’s budget can make the choice from that point on. If the house is to be plastered on the exterior—the least expensive means—French precedent offers many suggestions both in refreshing color and form. The drawing at the bottom of page 89 is only one of many possibilities. If it is possible to use stone, or stone in conjunction with plaster, there are many Breton-inspired motifs in order, as are shown at the top of pages 88 and 89. However, in any house, particularly the small or medium sized one, it is a good rule not to change the materials frequently or the whole will take on a restless and unrelated appearance.

Similarly with the selection of motifs—if one tries to wed the adapted forms of Gothic, Francais Premier and the Directoire, it will be extremely difficult, if not impossible, to arrive at a homogeneous result. Half-timber work has purposely been omitted from all drawings for it represents a type of construction which is not natural to modern means of building. Merrily to veneer the exterior of a wall with flat strips of wood which sooner or later may warp off, is too obvious an insincerity to require further comment. If the timbers be real and serve to support and frame the wall, half-timber work becomes permissible. But even then it seems a bit too archaic unless the balance of the house is to be carried out in the same spirit.

**The Real Spirit**

Nothing is so unhappy to behold architecturally as the house which repeats in its every detail, “Je ne parle pas Francais”, unless it be the house which is stringing together a number of French words without meaning. The upper left drawing on page 86 is an example. Quite naturally it is not to be expected that a house over here will be French in the manner of the Abbaye Ste-Croix, (upper right drawing on page 86) but there is every reason to hope for discriminating taste which will draw on the rich heritage of France in order to make for a more imaginative, more colorful, more worthy house, and that it will discard all details and features which do not contribute to the general good of the ensemble. Also, that all insincere imitations of sagg roosts, stone fragments cropping out of an otherwise unbroken plaster wall, wanton mixtures of several kins of materials which look like no stage-drapery—that these and their ilk will be known as false and unworthy of emulation. If one has a trunk of valued ancestral possessions, on looking them over one does not remark, “These buckles are tarnished, I will therefore see that my new ones are also tarnished”, this coat is torn, I will tear mine, this hat is bashed in, I will bash mine in—for in so doing I am following in the footsteps of my ancestors, and the world in seeing me so accounted will recognize me as an aristocrat of a proud bygone day”. Neither should one commit such folly in selecting the gars for his house.
The "Family Silver" of Coming Generations

Have you ever thought that your silver is a standard by which you and your family are judged today, and in years to come? Your silver is Sterling, of course. For in the true sense only Sterling is silver. But is it a mismated collection of nondescript patterns, really belying your taste and your family's true position?

There is a jeweler near you to show you, in "Treasure Solid Silver," family Sterling worthy of your home, from modest sets for young couples to complete services, including Tea-ware, Candle Sticks, Bowls, all in the same matching design. And you will be delighted with treasure Silver. There is such a lovely array of designs to choose from! While all are smartly fashioned in the spirit of today, each is a design of enduring beauty, based on some lasting decorative style.

When you purchase your treasure silver, no matter how modest is your first selection, you have immediately added to your estate...something that, in later years, your children and their children's children may refer to, with no little pride, as "my family's silver." That silver will always reflect your discrimination, your instinct for graceful living and your love of worthwhile possessions.

Rogers, Lunt & Bowlen Co.
Greenfield, Massachusetts

Gentlemen: Please send me a copy of your new "Treasure" portfolio, The Modern Way to Choose Your Silver.

Name
Address

"Treasure" Solid Silver
STERLING 925/1000 FINE

Rogers, Lunt & Bowlen Co. • Silversmiths • Makers of Distinctive Tableware • Greenfield, Mass.
If the lovely colors you prefer seem too fragile to endure, remember, every ORINOKA SUNFAST DRAPERY is guaranteed not to fade.

An interesting treatment of French window, as shown in the Orinoka booklet.

These same fabrics, you may see in all their real beauty in the drapery departments of leading stores. Ten cents in coin or stamps from washing, the merchant is hereby authorized to replace them.

In the Orinoka booklet, "Drapery and Color Harmony," are shown twelve rooms, period and modern, planned and executed in color by a well-known decorator, using appropriate Orinoka Fabrics. These same fabrics, you may see in all their real beauty in the drapery departments of leading stores. Ten cents in coin or stamps will bring you the booklet and the name of store nearest you. Use the coupon below. The Orinoka Mills, 183 Madison Avenue, New York City.

The Orinoka Mills 183 Madison Avenue, New York City.

Gentlemen: I should like a copy of the Orinoka booklet, "Drapery and Color Harmony." I am enclosing 10 cents.

Name:
Street:
City:
State:

Water requirements for domestic use can be approximated as follows:
- Filling lavatory: 1/4 gallons
- Filling average bath: 30 gal.
- Flushing toilet: 6 gal.
- Shower: 30 gal.
- 3/4" garden hose with nozzle: 275 to 500 gals. per hour.

Sprinkler:
120 to 300 gals. per hour.

A company, which we will call "A," claims by years of experience behind the splendid models it manufactures for use where the vertical lift of the water does not exceed 25 feet—such as shallow wells, cisterns, dug wells, springs or running brooks. The pump capacity ranges from 4 to 50 gallons a minute, though pumps with up to 100-gallon capacity can be furnished if needed. The construction of these pumps is such that the cost for repairs or replacements due to accident or wear, is reduced to a minimum. Quiet operation is another feature. The capacity of these systems has been increased to meet today's increased demands.

Another pump manufactured by this same company is a direct-acting power piston pump with enclosed crank case put out to meet the demands for a pump with as few working parts as possible. The four sizes of this which is made provide a capacity range from 9 to 50 gallons per minute.

This organization advises that its horizontal units are used somewhat lower in first cost but are not recommended for damp locations. Their silent chain will give long service with a minimum of attention and operating expense. Where installation space is limited, the motor may be mounted on top of the pump, and swung easily back if for any reason the pump is removed from the discharge head or from the water supply. This pump is equipped with a pulley and driven from some other power source. It is claimed that only about one-half the usual amount of current is needed to start this pump and there is no pounding or hammering during operation. These devices, too, may be used on springs, lakes and streams as well as with streams or shallow wells.

In varied types

Company "C" has built up a reputation through the direct design of its pumps and its high standard of workmanship and materials. Its self-suctioning suction pumps are built in two types, each type in several capacities. In the unit systems pump and tank form a self contained unit. In the assembled systems the pump and tank are located independent of each other. The electric pumps are wired through a hand switch which may be used for starting and stopping the pump. Complete automatic control may be preferred. Gasoline engines must be manually started but may be automatically stopped. Water-direct-from-shallow-well attachments may be incorporated in the plan if desired.

This firm also furnishes a combined piston and plunger pump of simple and rugged construction, suitable for pumps of medium size.

Company "A" manufactures— in addition to the shallow well pumps previously described—splendid deep well equipment furnishing 100 to 5,000 gallons of water per hour for varying diameters and depths of wells. This equipment is supplied complete, ready for pumping into a storage tank. The electric deep-well head will work satisfactorily with a minimum of current and attention and operating expense.

"A" classifies its motor-driven deep well pumps into "units," "outfits" and "systems." So it is possible to readily determine the right size of motor needed to secure the required water capacity from varying diameters and depths of wells. A complete outfit consists of all pumps, motors, and auxiliaries and is delivered complete to the location where it is to be erected. Where equipment is ordered complete, the motor is built on top of the pump, and swung easily back if for any reason the pump is removed from the discharge head or from the water supply. This pump is equipped with a pulley and driven from some other power source. It is claimed that only about one-half the usual amount of current is needed to start this pump and there is no pounding or hammering during operation. These devices, too, may be used on springs, lakes and streams as well as with streams or shallow wells.

(Continued from page 66)
VOGUE'S BOOK OF SMART SERVICE

For the hostess who wishes to have her table set in a beautifully arranged design . . . for the mistress who expects the finest work from her servants . . . for the charming lady who requires distinction in every detail of her service—Vogue has just published Vogue’s Book of Smart Service.

This book is a careful study of all those details of management that go to make up the well-run household.

The division of labor among servants of a large house . . . and of a small house . . . suitable dress for servants for morning, afternoon, and evening . . . suggestions for efficient house-cleaning, bed-making, table-setting . . . the care and polishing of silver . . . the correct form for written orders to servants and for letters of recommendation—here are some of the important points discussed in Vogue’s Book of Smart Service.

Whether your establishment is staffed by a whole platoon of servants, or a single maid-of-all-work . . . Vogue’s Book of Smart Service will prove to be a valuable reference book and guide.

It would be wise to have several copies—one for yourself and one for each of your servants. Send for them to-day.

VOGUE'S BOOK OF SMART SERVICE • 90 PAGES ILLUSTRATED • $1 POSTPAID
Are the Walls of Your Home Imaginative?

In the four walls of your room lie a hundred decorative opportunities! Are you making the most of them? Since the first "painted-print" made its appearance... papering the spacious halls of a seventeenth century manor... imaginative wall-treatments have marked gracious homes.

Papers set in panels, papers used as borders, papers with wainscoting... their possibilities are infinite.

Today Strahan has reproduced old wall papers with all their traditional charm, has created, too, new patterns in the modern mood. Each Strahan design... chosen with the discrimination that has distinguished this name for more than forty years... will add a final note of beauty to your decorative scheme.

Ask your dealer or decorator to show you Strahan papers.

THOMAS STRAHAN COMPANY
ESTABLISHED 1886
SHOWROOMS:
NEW YORK...417 FIFTH AVENUE
CHICAGO...6 NORTH MICHIGAN BLVD.
FACTORY...CHELSEA MASSACHUSETTS

No. 6033 "Louis Seize". Authentic in every detail, this reproduction of an old French design is in an exquisite background for the period room... and a happy choice for feminine boudoir.

Review Of Water Supply Systems

(Continued from page 116)

Age tank or for conditions which do not require large storage capacity.

Company "C" also makes deep well equipment, run by electricity or gasoline, and embodying the same skilled construction as their shallow well pumps. They offer a choice of sizes with capacities from 120 to 1560 gallons of water an hour. The principle on which their deep pumps are built "cushions" the motion in the pump, lessening the vibration of the rods which extend down and operate the cylinder in the water and reducing the strain on the moving parts, which results in excessive wear and noisy operation. The consequent smooth running, absence of vibration and reduced friction make for ease in starting, quiet operation and high efficiency. The electric pump may either be hand controlled or automatic, the gasoline type hand starting and automatically stopped.

Moving parts in these pumps are mounted on parallel upright steel columns which withstand the shock and vibrations better than a cast-iron frame. Other advantages are the reduced weight, lighter parts, the ease of assembling, and accessibility. Two types of cylinders are used—one for wells of considerable depth, the other where the greatest possible capacity is desired from a well of given size. Pre-proof attachments and drinking water-direct-from-the-well features can also be specified.

Another organization, which we will designate as "D", sends to all prospective purchasers of their equipment, information blanks to be filled out, from which complete specifications and detailed costs of either a gasoline or an electric powered water supply will be submitted. The estimates are quoted either on material or on the complete installation.

A unique system put out by this company provides combination electric and gasoline power, thus assuring continuous service in case of emergency. Either power may be had alone, if preferred. Or one of the company's other equally good models may be recommended by their experts as more suitable to local conditions.

Many refinements of technical construction mark these fine machines, such as accessibility of the working parts and easy regulation of the pump capacity to the flow of water. Storage tanks in varying sizes are built to architects', engineers' and underwriters' specifications. They are designed to work with an air and water pressure 100 per cent greater than the working pressure before shipping, and are coated inside with a special metal-preserving, non-poisonous enamel paint to prevent corrosion.

This same company highly recommends a type of equipment for the deep well which is somewhat newer in home use but it embodies a principle long used in industrial machinery. Rotating wheels take the place of the plunger and the water is raised by centrifugal force. Noiseless operation, long life and great satisfaction more than offset the somewhat greater first cost.

Company "E" recommends its deep well systems, not only where the water always lies below the 22-foot level but also for wells less than 22 feet to the waterline but where the level may fluctuate according to season. Their sales and engineering departments stand ready to advise on planning installations and selecting the proper equipment.

A departure is made from the standard design, eliminating connecting rods and cross-heads, giving great strength combined with simplicity. As the pump is small and compact, installation is possible in limited spaces or close to walls and very little head room is required. A fresh water takeoff may also be supplied. "E" will furnish the power head alone or a complete water system, supplying from 109 to 432 gallons per hour while the heavy duty equipment made by them will provide from 480 to 7600 gallons per hour.

In choosing the water system, a highly individualized problem is presented. The requirements and water conditions vary in almost every case. But for every situation a satisfactory system can be provided and the manufacturers' representatives are the best advisors in solving this all-important contribution to modern home comfort.

Recent Developments In Building

(Continued from page 118)

drawn in or, thrown the other, will cause stale air, smoke and odors to be exhausted. Depending for protection upon secrecy rather than patents, the inventor does not tell us just how it is that his silencer operates. So far as to say that a very unusual hole freely passes air in and out, trapping the noise. Efficiency of the unit has been amply established by long testing.

Improved Outlets

If you are considering modernization of electric service, or if you are tired of searching for holes when trying to insert a plug in a convenience outlet, you will be interested in the single and double outlets designed with a finding ridge which finds the slots for the plug prongs. When these prongs are pressed on the curved depression of the face of the outlet, they are guided along right into the slots. And there is also a locking ring to be used for attachment to single outlets. It makes a permanent connection between cap and receptacle, any twisting or pulling of cords will not pull them apart. The cap is very easily locked or unlocked by a slight turn of the swivel bracket.
March 1931

An original Louis XV Bussy Room on display at our Studio. Chair (right) signed by Malot, Commode signed F. Lakot, Circa 1750. Antique Louis XV Sofa is covered with tapestry of the period.

Decorations
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Antique English & French Panelled Rooms
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S. H. Kleinman Residence
Cleveland Heights, Ohio

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Blending its glorious autumnal hues with the enduring grandeur of virgin stone, Briar Hill Golden Tone Wall Facing artistically combines permanence with individuality and charm . . . The beautiful all-stone residence illustrated, is a striking example of the distinctive effects which may be achieved with this matchless building material . . . Just visualize your "dream" home enriched and distinguished with the warm, friendly colors of this natural stone. Write for our free Ashlar Wall Facing Booklet HM, showing this sandstone in its own beautiful colors and picturing numerous attractive Briar Hill homes. Blue prints cheerfully estimated without obligation . . . you will be surprised at the moderate cost of this exquisite wall facing.

THE BRIAR HILL STONE COMPANY
Glenmont, Ohio

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A delicate Sheraton Dresser with swing Mirror of mahogany and maple with rosewood inlay.

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SHAW FURNITURE may be had of the leading dealers and decorators throughout the country, and seen in an extensive display in the Shaw Showrooms.

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NEW YORK SHOWROOMS
730 Fifth Ave., Meeker Bldg.
COME see what's "in the wind" to make home life more entertaining!

Shopping at this famous establishment is not only a gay adventure but a practical demonstration as to where to find the cleverest of the season's domestic and imported novelties for the home. Home entertaining is the vogue these days and, of course, one wants to be as well equipped for the added pleasure of one's guests, as for the comfort and convenience of the family. Come and see "what's in the wind." Or, send for special folder. May we put you on our mailing list?

PORTABLE SEWING CABINET—6x3½x11½. Closed. Opens up like a two-piece screen and keeps clothes, etc., in perfect order. Delightful wall paper in pretty order. Frames in red, green or every. $9.50

FOLDING POKER TABLE TOP—gaily finished, fits over the top of the ordinary card or bridge table and Table. Green felted playing surface. $7.75

BRIDGE CHAIR—last a really commodious, good looking, folding chair which can be opened and closed with ease and supports generously proportioned guests safely. Mahogany finished frame, tapestry upholstered. $10.75

PRESS—stick and metal fruit and vegetable extractor, blade of polished stainless-steel and aluminum. Easily cleaned—no electric, etc. Squeezes and strains in one operation. Four pounds of orange juice in 30 seconds. $13.00

When ordering send check, money order, C. O. D. instructions, or Charge Account references. Delivery prepaid within one hundred miles of New York City. To points beyond, charges collect.

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145-147 East 57th St., New York, N. Y.
Volunteer 5-1700
'The House of Fine Housewares'

The thrill of the chase is captured in a three-panel firescreen on which two horses are taking a difficult jump. Designed by Thomas Wood

The Return Of The Wrought Iron Silhouette

Maud Robinson

The present interest in silhouettes and decorative metal has brought on a revival of the ancient art of hand-wrought iron pictures. In olden days iron was used to show the coat-of-arms or to express pictorially the profession or trade of the man whose portal or fireplace it adorned.

Nowadays metal craftsmen draw original designs to be carried out in silhouettes cut from sheet iron and used for decorative purposes. The choice of subject matter varies through a wide range of appeal and suitability. It may be purely decorative or it may, as with those of the past, be definitely illustrative of an activity or an idea. The big game hunter, the fox and hound enthusiast, the bird hunter, and even the polo player, find their sports represented. The adventurer, as well as he who only dreams adventures, finds a satisfying silhouette. In a word, they bring to life a man's avocations, his hobbies and make his dreams a bit more real.

In spite of the fact that iron is supposed to be man's metal, it is frequently used for decoration in a woman's room. A woman whose hobby is her garden ordered iron silhouettes to be placed over the doors of the different rustic tool houses on her estate. Each one represents a different type of implement kept within. A Victorian scene of a cabriolet, a gallant and a crinoline belle is a design recently created by the Florentine Craftsmen for a woman's sunnner living room, of the type where scroll silhouette prints would usually be employed. An amusing cat wall sconce decorates, along with other gay animal silhouettes, the walls of a young child's playroom.

The favored way of placing these iron pictures is over the fireplace. Most of the newer types of hearths lend themselves very well to this idea, as they have flat sections over the mantel. In place of the more usual picture, tapestry or sheet of mirrored glass that would be used here, one of these silhouettes forms a charmingly different substitute. Outstanding beams and flat pillars in country houses lend themselves well to such decorative treatment; also spaces over doorways and bare wall sections, generally in the type of room where some more definite form of wall decoration than the usual picture seems indicated.

While the silhouette may be tinted in polychrome fashion, the present tendency is to leave it in the natural color of the metal. White plaster walls make a particularly good background to bring into sharper relief the strong, dark outlines of the iron picture.

The informal room, the library and the man's study are specially suited to this type of decoration. And in all rooms devoted to games and sports—gun rooms, locker rooms, etc.—these iron scenes are both appropriate and effective. In this connection is illustrated an overmantel decoration using as its motif a duck-hunter with his dog and the two birds he has raised. The thrill of the chase is captured in a fire-screen on which two horses are taking a difficult jump. A Western round-up ornaments the Essex-screen in

(Continued on page 142)
MORNING, noon and night—every minute of the 365 days in the year—a General Electric Refrigerator pays definite dividends on every dollar of its purchase price.

Cash dividends in food-saving. Health dividends in preserving the wholesomeness of milk, meats and vegetables. Time and labor dividends for busy housewives, who must plan and prepare a thousand and one meals each year.

Solely on the basis of economy, you can afford a General Electric Refrigerator. Clean and dependable as electric light, you may entrust larger quantities of perishables—bought at favorable prices—to its care. You make fewer trips to market. Scores of easily prepared low cost "left over" dishes are always available. Finer, more wholesome meals are served at a saving. Small operating cost is inherent in General Electric design. The Monitor Top—sealed in ageless steel and permanently oiled—is proof against air, moisture, rust. Its small, quiet motor runs at a cost of but a few cents a day. So efficient and trouble-proof that you can forget what "makes it go."

Invest your refrigeration money where it will bring the greatest possible returns. A very small down payment puts a General Electric in your home. Easy terms make its savings immediately possible.

Write us for the latest issue of our magazine, "The Silent Hostess." It contains valuable information regarding proper food preservation and its relationship to health. Address, Section K3, Electric Refrigeration Department, General Electric Company, Haven Building, 160 Euclid Avenue, Cleveland, Ohio.

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ALL-STEEL REFRIGERATOR

Monitor Top—Hermetically sealed like a MAZDA lamp, the "On Top" refrigerating unit is permanently oiled and protected against air, dirt and moisture.

Accessible Temperature Regulator—A mere twist of the easily accessible dial hurries the making of ice cubes and frozen delicacies.

Multi-Temperature—4 different kinds of temperature essential to good refrigeration:
1. Super-Freeze provides fast freezing temperature for making ice cubes and desserts. Porcelain lined, inside and out, sanitary and easily cleaned.
2. Chiller approximates freezing temperature—provides an extra cold storage compartment to congeal salads quickly and hold refrigerator pastries. Used also as a de-frosting tray.
3. Cabinet—dry, even temperature below 50°, for proper food preservation.
4. Vegetable Pan for moist, cold storage of perishable vegetables.

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ELECTRIC WATER COOLERS
MIRACLES STILL COME TO PASS!

THIS NEW CARPET IS

seemingly seamless

This is news—not only of a new carpet—but of a new idea in carpets. An idea so revolutionary that all preconceived notions about carpets are changed overnight. For the new Collins & Aikman Carpet, selling at the price of ordinary narrow carpet, is seemingly seamless when laid!

To avoid the marring effect of stitched seams, broadloom carpet, until now, has been the choice of "the fortunate few." But the use of carpet woven on a wide loom has been limited because of the added cost. Now comes the new Collins & Aikman Carpet, apparently seamless when laid in a room of any size or shape—and the cost per yard remains as low as that of narrow-width carpet with unsightly welt-sewn seams.

Collins & Aikman Carpet comes in 54-inch widths. It is a beautiful pile carpet, with a new kind of back. The back, composed of a resilient material, locks the pile, prevents it from pulling out, and allows the carpet to form its own selvage when cut. No binding is needed. It is laid by pushing edges together, and joining them on the back with a tough web of strapping. On the face, the thick pile meshes, and covers the place where one width meets another.

Even in these times, we can conceive of people who wouldn't be excited over the money to be saved by this idea. If there be such, they will be interested in Collins & Aikman Carpet for the reasons that have made decorators receive it with enthusiasm. Individual color combinations! Special designs, made up to harmonize with the decorative scheme of a room! Consult your decorative adviser, who probably knows all about Collins & Aikman Carpet. Or write for our free illustrated booklet—which will give you some carpet-ideas you never dreamed of before . . . Address your letters to Collins & Aikman Corporation, 25 Madison Avenue, New York City.
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If you love your home — if you want your house to look its best, you'll let nothing mar the beautiful, slender lines which the architect has so harmoniously worked into its window designs.

Rolscreens of Pella obviate the unsightliness and light obstruction that are unavoidable with wide-framed, flat-type screens. Installed on the inside of windows, they are not only inconspicuous, but their innumerable conveniences and economical long life make them really amazing in their appeal.

Rolscreens of Pella roll up and down — like a window shade. They're permanent . . . there when you want them; out of the way, on hidden rollers, when you don't.

A touch of the thumb releases the spring, and the screen rolls up — automatically.

No obstructed vision when windows are closed. No troublesome taking down screens in the fall. No storage space required. No messy dusting, painting, repairing, matching and putting up screens in the spring.

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No breaking mesh or rust-made holes. Rolscreens are made of special electro-plated "AluminA" wire-cloth, with reinforced selvedge, that will far outlast their TEN-YEAR GUARANTEE.

No sagging or bagging; no insects can get in at the edges . . . Rolscreen mesh is locked in at top, bottom and sides. Even a heavy accidental blow can do no harm — it merely disengages the lugs from the guides; and the lugs instantly go back in place when screen is rolled.

Resolve now that this year Rolscreens shall beautify your home and bring you comforts and conveniences you've never before enjoyed. We've told only half the story here. Send coupon below for Rolscreen booklet. It'll bring you complete information — and enable you to understand why their fifteen patented features make Rolscreens of Pella by far the most beautiful, practical and economical rolling screens you can buy.

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

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ELEPHANTS

tramping across my rugs?

No, not actual elephants — but if they did tramp through your house, you could see how their crushing weight would destroy your rugs. Yet you and your family pound — pound — pound across your floor coverings, each footstep a hammer blow with the weight of the body grinding the fabric against the floor!

Science has perfected Ozite Rug Cushion — a shock absorber for rugs that defies even the tramp of elephants. Ozite cushions the fabric . . . eliminates wear . . . doubles the life of your rugs. At the same time, Ozite gives any rug the rich softness of an "oriental." Lay your present rugs over Ozite. Enjoy today the luxury and economy that Ozite brings to your home.

Ozite is a cushion of felled hair, like a thin hair mattress. Never wears out . . . always stays soft. Mothproof. OZONIZED. Made in all sizes. Requires no fastening. Buy it wherever rugs are sold.

GENUINE Ozite Rug Cushion now bears the name impressed on the face of the fabric! For your own protection, be sure you look for the name

GUARANTEE Ozite is sold under an irrevocable guarantee. It will give you a lifetime of satisfactory service.

OZITE RUG CUSHION
"WHAT? Is that all brass pipe costs?"

"Home-builders are surprised when told them how little more Chase Alpha Brass Pipe costs than pipe that rusts," says Philip H. Maher, plumbing contractor.

Are you considering a new home? Then do the economical thing—equip it with Chase Alpha Brass Pipe. For brass pipe isn't expensive. By using Chase Alpha Brass Pipe instead of rustable pipe, you'll add about three-quarters of one per cent to the building cost. On a $10,000 house that comes to only $75. And that same percentage holds good no matter what your house costs.

This is a pretty small investment—when you consider the possible trouble and expense it saves you. For rustable pipe is bound to cause trouble sooner or later.

Red, rusty water will stain laundry and enamel. You'll see the flow of water in the bathroom drop to a thin stream every time a faucet is turned on downstairs. And when leaks finally start—well, one ruined wall or ceiling can cost far more than the few extra dollars you spend now on Chase Alpha Brass Pipe!

Ask your plumbing contractor about it. He'll advise you to decide on Chase Alpha Brass Pipe. He knows better than anyone how important it is to start with pipe that won't rust. Chase Alpha Brass Pipe is available—through plumbing contractors.

CHASE Alpha BRASS PIPE

For Replacing Old Pipes

CHASE COPPER WATER TUBING

When old pipes have become clogged with rust, they can be replaced economically with Chase Copper Water Tubing. No tearing out of walls and floors is necessary. Chase Tubing is flexible; can be bent around corners; worked down inside walls. It saves fittings, saves money, and is rust-proof.

Dooryard Gardens Bring Charm

(Continued from page 93)

many of the houses which are being built now-a-days are Colonial in character and surely nothing could be more in keeping with this style than a simple dooryard planting such as might have been found about a New England home some two centuries or more ago. And in cases where it is impossible to convert the back yard into a garden area, as is so apt to be true of houses built during the Victorian era, the dooryard garden offers pleasant possibilities.

The design of such a garden is determined to a large extent by the amount of ground available. In the case of a house set very close to the street it is necessarily limited to a simple flower border. Where more space exists, however, it allows for a greater play of one's ingenuity and often a very charming little garden can be developed with patterned beds and box-bordered paths. Perhaps one of the most simple and pleasant designs is that of a flower border only bordered by a path leading to the door. The path should be of gravel, brick or flagstone.

The planting scheme for the flower border should be very carefully studied. A succession of bloom throughout the season, attractive color combinations, and a pleasant grouping of plants according to height are all points which should be given thoughtful consideration. With such a wealth of plant material as there is available, selection should be made with care. In a tiny garden, such as a dooryard garden is apt to be, each individual plant counts for so much that one feels one can afford to have only the best. Some of the quaint old-fashioned flowers which are reminiscent of the gardens loved and tended by our great-grandmothers are particularly suitable for such a planting: Snocks, Mignonette, Bleedingheart, Hollyhocks, Daylilies, Poonies, Sweet Rocket, Honesty, Garden Heliotrope, Foxgloves, Hardy Pinks with their pun­gent, spicy odor, and Lemon-scented thyme. Bulbs are invaluable for early spring bloom and may be used in generous quantities: Narcissus, Tulips, Scillas, Snowdrops and the quaint little Snowflakes (Leucojum vernum) which are so demure and dainty and are not often seen. The little Checkered Lily (Fritillaria meleagris) is also rather unusual and is very charming. Gladisios, in soft pastel shades, may be planted for midsummer and early autumn flowering and a few hardy Chrysanthemums interspersed here and there give color and bloom down to cut by heavy frost.

A few shrubs carefully placed will give height and substance to the planting. Lilacs are particularly suitable for the dooryard garden, either the old-fashioned common purple Lilac or some of the newer hybrids. The lovely Briar Rose, Harrison's Yellow, with its myriad golden flowers, is a thing of rare beauty and was often used in old-time gardens. So was the Sweetshrub (Calycanthus) with its dull reddish blossoms of such spicy fragrance. Many a grandmother can probably recall how as a child she used to tick one of the flowers in the corner of her handkerchief before starting for church on a Sunday morning and during the long service sniff its delicious fragrance.

English And American Pewter

(Continued from page 188)

Scotch: Pewters called hammer­on, as in France, Centuries, Aber­deen, Dundee, St. Andrews, Stirling, and Perth. Pewter made since end of 15th Century, French and Dutch shapes like English with few excep­tions. Generally plain, scant use even of moldings. 17th and 18th Century plates resemble soup plates, 17th Cen­tury, rather deep, very narrow rim; 18th Century, English type. Fewer tankards used than in England. Bell-shaped goblet on low foot character­istic. See Measure, Pierly-Pig, Quaich, and Tappit-hen.

Silver Fashion: Following silver styles, for decoration only.

Spoon: Follows silver styles. Some unique pewter types—a 15th Century maidheand spoon with lady in horned head-dress, portraits of William-and-Mary and Queen Anne.

Tankard: English and American. Typical pewter piece; largely follows silver design.

Touch Plate: Thin, or Hon: Scotch beer measure or flagon, holding three Eng­lish pints; larger and smaller mea­sure in same form. Lid domed, early plaster, later crozeted; lidless Aberdeen type.

Texture: Pewter when cast or ham­mered and polished has a surface which absorbs two-thirds of the light shining on it, absorbing the low toned luster which is its decorative charm in display pieces.

Thump-piece, or Purchase: Follows silver in design; shell, oval-shaped, flattened end shell, bent-back wedge, erect—English often pierced, embryo-double-volute, expanded leaf, wedge­shape, hammer-head, bed, double-volute, leaf, bell—Scotch.

Trivets: See Pot.

Toast and water jug: Really ale­jug, with lip-spout.

Tnaken: English—sort of coin used by tradesmen from time of Elizabeth to Charles H. Scotch—small square, octagonal, or round piece, given to intending church communicant.

Touch, Touch Mark: See Marks.

Touch Plate: English; five of the plates still exist at Pewters; Hall on which all touches were supposed to be stamped; many destroyed in Great Fire, 1666. See Marks.

Trifle, Tripler, and Trifles: Trifle metal, common quality pewter with less tin, Trifles—small articles made of such metal: spoons, forks, rings, buttons, buckles, toys, etc. Tripler—maker of such trifles in trifle, or plate metal.

Truevord: Pewter, 1903 and later; trade mark for fine pewter made in vogue of the day.
Do the over-worked rooms of your house seem to slump when the gaiety of winter parties comes to an end?

Even the smartest of interior decorations need frequent touching up to make them a bit brighter and more inviting.

That's why we think you will enjoy House & Garden's Second Book of Interiors, for it can turn your task of redecoration into a delightful adventure.

It is wise in suggestions for rejuvenating every type of room...for the grouping of furniture...for planning color schemes.

It will give you authentic information about period furnishings...and the newest hints on the selecting and making of draperies, on painting furniture, on hanging pictures. It can help you do wonders with the things you already have, or, if you prefer, start with the bare walls and make an entirely new interior of freshness and charm.

The Book of Interiors costs but five dollars—less than the price of a dozen roses for the living room table...more than the value of an expensive but ill-chosen rug.

Its advice may save you the cost of many expensive mistakes, which you would have to correct—or pay for in dissatisfaction.

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Casements
WITH CONVENIENT INSIDE SCREENS

Fenestra Steel Casements are now equipped with attractive metal framed, bronze mesh screens, attached or removed from the inside. They're put on or taken off in a jiffy, but it's easier to leave them in place the year round. They're almost invisible either from within or without and Fenestra Casement hardware is so designed that the window opens, closes or locks without touching it.

You'll like the other Fenestra Casement features too: easy washing from within the room; more light; better control of ventilation; finger-touch operation without warping, swelling, sticking; weather-tight closure without need of weather-strips. And all this at a price as little as the cost of ordinary windows!

Detroit Steel Products Company
2247 East Grand Boulevard
Detroit, Michigan

Revamping The Hardy Border
(Continued from page 62)

seed and young plants are far more disease resistant than the old ones. The old plants should be pulled out and burned.

Certain plants—Helenium, Violas and Campanula persicifolia, for instance—are easily pulled apart into tufts with the fingers; heavy roots of Phlox, Michaelmas-Daisies, Helianthus or Peonies will require more drastic measures. A good method with plants of this type is to insert two strong hand forks back to back well down in the clump below the crown and to wrench them strongly outwards in opposite directions. If the clump is very old and matted, a sharp pruning knife may be resorted to to divide it into neat sections. A spade is too hard an implement to use in dividing plants.

In all this, of course, rejuvenation is the end we are working towards. For this reason the best and most youthful divisions only should be retained for replanting; these will be detached from the outer edges of the clump and each should be provided with an adequate root system. The old and spent portions from the crowded center of the clump should be ruthlessly thrown away. In dividing old plants, as in buying new ones, it is well to bear in mind what someone has called the fallacy of the big elump. A vigorous stripling plant, fresh and full of pep, is capable of giving far more satisfaction than a middle-aged clump, A vigorous stripling plant, fresh and full of pep, is capable of giving far more satisfaction than a middle-aged clump, appearances and our greedy eyes to the contrary notwithstanding. Two shoots will be sufficient to allow such plants as Phlox, Heleniums, Michaelmas-Daisies, Astilbes; one to Boltonias, Aconites, Chrysanthemums.

Now that we have the plants all out of the border we may seize the opportunity to correct some of its unsatisfactory features—and these are commonly not few. Contrary to the belief generally subscribed to, there is no phase of garden practice so difficult to carry out effectively or to maintain in beauty as the so-called hardy border. Compared to it, a rock garden, a rose garden, or any other whatever, is a simple matter. Yet there is no horticultural enterprise more rashly and readily and universally embarked upon. The beginning gardener feels that if he can have anything at all he can have a hardy border and it is only after several seasons of disappointment and disillusionment that he realizes the scope of the problem he has so blithely set out to master.

What is ordinarily attempted in a hardy border is continuous bloom for at least five months of the year, from the first of May say, through September. This alone is difficult enough in our hasty climate where the plants are rushed from bud to bloom and on to seedhood almost in the twinkling of an eye. But if the border is to be a really satisfactory accomplishment, more than continuous bloom is required; there must be continuous foliage as well to support it, and this is less often taken into consideration.

The free use of plants having fine and lasting foliage is of the utmost value in preserving freshness of aspect and contours of pleasing fullness. Among such plants may be mentioned the following: Dictamnus, Homeocallis, Iris of many kinds, Thalictrums, Yuccas, Baptisia australis and B. tinctoria, numerous Michaelmas-Daises, Helianthus multiformis, Hostas, Cimicifugas, Chrysanthemum nipponicum, Chrysanthemum arcticum, Phlox, Funkias (Hostas), and the...
STAIRS spell ISOLATION
in so MANY homes
where some dear one cannot
or should not climb stairs

O NE has only to read a few of
the many letters we have re­
ceived in the past 20 years from
users of the Sedgwick Individual
Elevator to realize how cherished
is the opportunity to travel freely
from floor to floor, instead of be­
ning confined to one room or one
floor. Almost invariably these let­
ters include an expression such as:
"If I had only known about this
Elevator years ago!"

The cost of a Sedgwick Individual
Elevator is moderate, and our new deferred
payment plan now makes It possible for
those with limited incomes to enjoy the
many benefits without delay. Let us tell
you all about this Elevator, how safe it
Is, how easily you can have It Installed,
and how it gives years of service without
costing a cent for upkeep or operation.

The Menace of over-dry indoor air

The heated air in your home is far
drier than that of Sahara Desert. It
sucks moisture from our bodies and
dries up nose and throat, thus making
it easy to catch colds, sore throat and
other Winter ills.

To overcome the menace of over­
dry indoor air, Science offers Vital­
aire. A new, inexpensive electrical
device that revitalizes air by throwing
into it the proper degree of moisture.

Just as simple as any other portable
electrical device, Plug it into any elec­
trical outlet, fill with water and click
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and maintains the proper degree of
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Learn the startling truth about
Winter's worst threat. Send the coupon
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Quality Pewter

The name Poole assures quality in several
important respects. The Pewter itself is
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Poole craftsmanship is famous both for
authentic reproductions of antique mas­
terpieces and for modern designing.

Pewter by Poole mellows beautifully with
age but does not tarnish—it is unaffected
by liquid contents.

Insist upon Pewter by Poole when you buy.
Identify it by the Poole hallmark stamped
upon each piece. This is your assurance of
quality. The better Jewelers, Gift Shops and
Department Stores offer Pewter by Poole in
many decorative and useful pieces. Write for
Booklet.

Vital-aire

The heated air in your home is far
drier than that of Sahara Desert. It
sucks moisture from our bodies and
dries up nose and throat, thus making
it easy to catch colds, sore throat and
other Winter ills.

To overcome the menace of over­
dry indoor air, Science offers Vital­
aire. A new, inexpensive electrical
device that revitalizes air by throwing
into it the proper degree of moisture.

Just as simple as any other portable
electrical device, Plug it into any elec­
trical outlet, fill with water and click
the switch. Vital-aire quickly raises
and maintains the proper degree of
moisture in the air.

Learn the startling truth about
Winter's worst threat. Send the coupon
for your copy of the new booklet, "The
Menace of Over-dry Indoor Air". The
A. C. Gilbert Co., 222 Erector Square,
New Haven, Conn.

Quality Pewter

The name Poole assures quality in several
important respects. The Pewter itself is
made after an old English formula which
forbids the use of lead.

The weight of each piece is unstinted.
Poole craftsmanship is famous both for
authentic reproductions of antique mas­
terpieces and for modern designing.

Pewter by Poole mellows beautifully with
age but does not tarnish—it is unaffected
by liquid contents.

Insist upon Pewter by Poole when you buy.
Identify it by the Poole hallmark stamped
upon each piece. This is your assurance of
quality. The better Jewelers, Gift Shops and
Department Stores offer Pewter by Poole in
many decorative and useful pieces. Write for
Booklet.

Vital-aire

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A. C. Gilbert Co., 222 Erector Square,
New Haven, Conn.
An easy, inexpensive way to make your bathroom Beautiful and Modern

by Sarah Stevens

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Sarah Stevens, Dept. CI, C. F. Church Manufacturing Co., Holyoke, Mass.

Church Seats will never fade, will last for years, and will not lose their original beauty.

Canvas, $9.00; Sani-White, $12.50; Sani-White, $17.75. Regular Seats from $5.00. *These prices are approximate and do not include installation.

CHURCH SANI-SEATS

MODERNIZE AND BEAUTIFY YOUR BATHROOM

Revamping The Hardy Border

(Continued from page 124)
maybe

Wakefulness is injuring your Health!

How old is your mattress?
If it is lumpy and antagonistic, you're not sleeping right! Let us scientifically renovate your mattress. We make it as good as new, in a scrupulously sanitary plant—and at most nominal cost. Our representative will gladly explain our scientific process of renovation. Call on us—now!

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Specialists in Products for Comfortable Sleep
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In the Condé Nast School Directory, there is a splendid selection of various types of schools. More than that, you have our assurance that they are fine schools, and we are glad to have you write or call on us for further information if you have any difficulty in making your selection.

THE CONDÉ NAST
EDUCATIONAL BUREAU
1930 Graybar Building
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WALTER WINCHELL SAYS—
"I think it's grand!"*

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By John Riddell (himself) • Illustrations by Covarrubias

FOR ONCE
THE CRITICS AGREE

• The most devastating parody in a blue moon
• A wicked shot-in-the-arm for secret victims of the detective story vice
• Piercing criticism of the best-selling authors of the past twelve-month
• An evening's reading rich, rare and racy

SOME OF THE SUSPECTS

Peggy Hopkins Joyce
Calvin Coolidge
Will Rogers
Dr. Will Durant
Richard Halliburton
Jim Tully
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Rudy Vallée
Katherine Brush
and Others

The book is illustrated by a rogues' gallery of priceless caricature portraits, by Miguel Covarrubias.

*A tribute from an arch-rival in the sleuthing business

$2 WHEREVER GOOD BOOKS ARE SOLD $2

THE JOHN RIDDELL MURDER CASE
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Ages old, yet ultra modern

In the finest homes today, Venetian Blinds are again being accorded their rightful place. Distinctive in appearance yet eminently practical, they afford an ideal solution to the many problems of controlling light and ventilation.

At a mere touch of the fingers, direct sunlight may be diffused—air may be admitted as desired without drafts—in bedrooms, the nursery, living rooms, bathrooms, library, solarium and sleeping porches. The comfort and beauty of all rooms are notably enhanced by these ultra modern blinds.

Higgin Venetian Blinds
Higgin Venetian Blinds are a marked advance over flapping fabric shades and awnings. Easily installed in new homes or old.

Higgin Service is rendered by local factory trained experts everywhere—your assurance of satisfaction.

Write for name of local representative and proof of the superiority of Higgin Venetian Blinds. Mail the coupon now; no obligation.

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Please mail me literature describing your Venetian Blinds.
DELPHINIIUMS . . .

AND ROSES

THOUSANDS upon thousands of tall, graceful spikes . . . infinite tints and shades of blue . . . never have we seen such a glorious, enchanting display of Delphiniums. This year many new types have appeared, with gorgeous color combinations and large, double, individual flowers. They will bring you a wealth of garden joy thru all the summer months.

The catalog will gladly be sent upon request.

Fine types, not named, but selected in shades of light blue, dark blue and mauve are $1.00 each. $10.00 per dozen. "Run of the Field" strong flowering display of Delphiniums. This year many new types have appeared, with gorgeous color combinations and large, double, individual flowers. They will bring you a wealth of garden joy thru all the summer months.

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GARDEN MART

March, 1931

THE GARDEN MART

BOOKS

DELPHINIUMS. New 36-page illustrated color catalog showing distribution, 175 beautiful varieties, many new and choice and native varieties. J. F. Prior, Box 123, Delphi, Ind.

GLADIOLUS BULBS. My new 32-page illustrated catalog listing Golden Medal winners, Beautiful varieties. A. C. Juday, Box 200, Madison, N. J.

THE DAHLIA SEED SUPREME. Producing Prize Winners. Over 200 varieties. Write today.厂商 40c. Mountain Park, New Mexico.


EMPLOYMENT—CONTR.

RARE ALPINE SEEDS—2000 var., Mary Altine Seeds from one of the largest collections in the world. $1.50. Courtesy of R. E. F. Eaton, Box 40, Bellingham, Wash.


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MANURE—WIZARD PULVERIZED SHEEP OR CATTLE MANURE. A concentrated, explosive dung. All color, described and priced In booklet 4 for Spring Planting. M. E. F. Co., Box 640, New Brunswick, N. J.

LUCY KENDALL—HAMBLEDON. Wholesale and retail prices. Box 104, Alton, Ill.

LILACS. Highly distinctive varieties of French Hybrid Lilacs. Write for list. H. K. Peterson, Box 194, Neenah, Wis.

MANURE: MORE MANURE: Turn every bit of garden rubbish into manure. Separate leaves, roots, cuttings, dry leaves, etc. into small bunches. When it rains, pile and cover with one inch of stable manure. S. F. Rosebud Co., Box 113, Sandwich, Ill.

MANURE: MORE MANURE: Turn every bit of garden rubbish into manure. Separate leaves, roots, cuttings, dry leaves, etc. into small bunches. When it rains, pile and cover with one inch of stable manure. S. F. Rosebud Co., Box 113, Sandwich, Ill.

MANURE. The most valuable fertilizer. Contains no straw or husk. 50 lbs., $1.50; I ton, $15.00. J. C. Ibel, Box 202, Fair Lawn, N. J.

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MISCELLANEOUS—CONTR.

THE NEW CURIOSITY SHOP

As a variety of market, embarking on the varied interests of gardening, these advertising pages offer their helpfulness to you.

The ingenuity displayed in the selection of your garden attic attests your taste and discrimination.

House & Garden recommends these advertisers to your consideration, in return for which they wish to deal with them, as a result of the message that send you in these pages, to identify yourself as a House & Garden reader. It enables them more closely to approximate your price for further messages in these pages.

THE GARDEN MART • HOUSE & GARDEN

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ROSE TREES. Twenty of the newest and finest varieties of True Roses available from our exclusive stock of Rock Garden Roses. V. Rodger's Rock Gardens, Box 80, Silverton, Ore.

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If you would have a garden fair prepare your SOIL

All garden soils—even those that look dark and rich—need an additional supply of humus every year, to maintain correct soil texture. The proportion of humus in soil controls the amount of life-giving and beauty-giving food and moisture plans will be able to get. The better the soil texture, the more luxurious will be the foliage and bloom.

The safest, surest and least expensive humus is GPM Peat Moss. Like billions of tiny sponges—it gives and beauty-giving food and moisture planes. Life of humus in soil controls the lion rich—need an additional supply of humus very rich. It helps plants breathe, controls temperature, and of time than any other commonly used medium.'

It helps plants breathe, controls temperature, and contributes more to absorb and remain moisture as possible. Let us send you complete information and prices.

If your garden needs the addition of this vital element for starting. Let us send you complete information and prices.

At last Nature's own fertilizer...
odorless concentrated safe

Driconure is a pure organic compost of vegetation that Nature has been composting for perhaps a thousand years, added to which is fresh cow manure and the whole dehydrated to concentrate and strengthen. The result is a most unusual fertilizer—Nature's own method of feeding. And Nature's method is always best... produces better results... better color... better all-around satisfaction.

No finer combination of materials could ever be prepared by human ingenuity—one that will give as satisfactory garden results. Nor will you find anywhere a fertilizer that both feeds your plants and builds up a reserve of humus at the same time—except in DRICONURE. It is the greatest advance in fertilizing and soil building that has been made in many generations. Odorless, free of weed seeds, every bit will feed your plants without waste, for its food value is held at the plant root level until it is all used. You are also safe in the assurance that it will not burn.

Try this age-old friend in its new form. Literature on request. 3 bushel bags of fifty pounds, $2.50 f.o.b. Julastown, N. J., or through your local dealer.

...And Seedling Season

Plants And Seedling Seasons

(Continued from page 128)

at the time of transplanting. Where fogs occur in the air naturally, much as in west Oregon, Washington and north California, the deciduous plants may often be moved when part of their leaf or they may be grafted. Sprouting of leaves wholly or in part, but generally their planting season is covered by the periods when they are not in leaf and when the soil is in favorable condition.

Different parts of the country use different kinds of lawns. In the north, lawns are usually made of Blue Grass, Fescues, Bent, or Harder Grasses which are soon from seed. During recent years, Creeping Bent lawns propagated by vegetative means have been used. Most Northern Grasses may be planted at any time after the growing season opens until hot dry weather begins, or in the fall after hot weather is past and until the approach of cool weather renders the probability of successful growth unlikely. Grass seed soon that it does not germinate, customarily lies dormant until spring without any harm, and this results in a very early start for the plants this year. This explains some of the late planting seasons shown on the chart at Stations 8 and 10, especially where the young Grass plants or sprigs are covered with a break of snow in winter. Spring sown seed must not be sown too late or the intense sunlight will "cook" the young plants when a large amount of water evaporation cannot successfully overcome this disadvantage except in some of the northernmost States, such as Montana, where winter drought and deficient sunlight at other seasons make summer sowing of Grass an exception to the generally preconceived rule. Grass must be sown in the fall shortly to allow for some growth of the grass, otherwise the partially developed seed will be winter-killed. The end of the suggested season for sowing seed in different parts of the country takes this fact into consideration.

NORTH DAKOTA

The charted locality having the shortest planting season is North Dakota. Here, because of strong winter winds and the rigors of the climate, fall planting of evergreens or deciduous materials is unsatisfactory and considerable winter-killing occurs in all fall planting, except in the hardiest plants should be moved in the fall, but lawns succeed best from fall sowing when properly watered and established before winter weather.

In Montana (Station 2) drought again makes fall planting of deciduous trees very unfavorable because they do not get sufficiently well established to withstand the severe winters, whereas evergreens, which can be moved before deciduous trees become dormant, are more successful. Lawns are successfully seeded from April through July, if enough water is available. Seeding of lawns during August (Station 18) only the hardiest plants should be moved in the fall, but lawns succeed best from fall sowing when properly watered and established before winter weather.

In Iowa (Station 18) the fall planting of evergreens has proved very unsatisfactory and considerable winter-killing occurs in all fall planting, especially if fall sowing is done in a dry summer. No lawns should be seeded, as a rule, after September 15 unless seed is sown just before freezing in order to allow for dormancy over winter.

Severe fall and winter climates make lawn seeding along the Maine coast, and evergreen planting about Pittsburgh, very risky and unsuccessful in the fall. About Buffalo, also, spring planting of evergreens is considered much more likely to be successful, especially if done as soon as indications of new growth appear. August and September seeding of lawns in this section has been very satisfactory when

(Continued on page 132)
A Page of SCHLING SPECIALTIES for 1931!  
Last Minute Novelties and Recent Introductions!

Do You Know This Secret?  
GREEN PLAN, and plenty of them, from June to August—if you follow the simple directions.  

Plant this collection of 6 choice varieties all at once this Spring, just as soon as the soil is warm and the ground—and they will mature in the order named—producing a steady succession of bright, mouth-watering crops from about June 20th till August. The reason for this is evident. Peas must de
develop their life in this cool weather and so are able to supply sufficient moisture to leaf, flower and pod as they rapidly multiply under the summer sun. On the other hand late planting of peas are almost always a disappointment, as every experienced gardener knows.

OFFER A  
Novelties of 1931—Absolutely New!  
A $1.65 Value for $1.20.

OFFER B  
Schling's “Get Acquainted” Collection  
a $3.25 Value for $1.00.

OFFER C  
Twelve Prize Dahlias!  
At the amazing price of $8.00.

OFFER D  
Montbretias  
Since flower clusters, in clump or potted plants ranging from pale yellow to deep carmine, may be planted in any soil at any time, from early Spring to late Autumn.  

OFFER E  
Giant French Poppy Anemones  
Marvelous poppy-like flowers in sun or shade, in clumps, drifts, borders or in the rock garden, with blue, white, red, pink, purple, yellow, crimson, scarlet, orange, and every shade between, all the best of their kind.  

OFFER F  
Glorious Gladioli 100 for $3.50.

OFFER G  
Sow Seeds—Over 2000!  
Most seeds over 100 each.  

SCHLING'S Seeds  
Max Schling's Seedsmen, New York City.

March, 1931
Planting And Seeding Seasons
(Continued from page 130)

done, and all spring seeding requires constant sprinkling except in a
rarely wet season.

In eastern Washington, June and July are the best season for lawn seed-
ing. In this section, irrigation is necessary for the most successful results
and midsummer sowing of Grass seed avoids the necessity of combating an-
ual lawn weeds which appear in early spring sowing and which mature dur-
ing the first growing season and cause much difficulty.

Eastern Oregon has not been classified on the map published in Bulle-
tin 10 of the Division of Biological Survey, U. S. Department of Agricul-
ture, entitled Life Zones and Crop Zones, by C. Hart Merriam, which
gives an additional check upon the probable correctness of the divisions shown
on the accompanying map. The life zones, in the bulletin noted, were ar-
aved at by plotting the periods of physiological activity in plants, where-
the zones shown on the accompanying map were plotted from the data sent in by competent observers of the
 dormant period, which is the reverse of Merriam’s method but arrives at
almost identical conclusions.

The division lines between the different portions of the map are at best
arbitrary, and those instances are hypothetical. Thus the lines dividing Florida into two parts and dividing the California-Oregon
coast plain are instances of this sort.

The study of planting and seeding seasons is extremely interesting. This
study points to so many interesting variations in planting dates that
the necessity of exactly defining the reasons governing planting and seed-
ing seasons in all localities seems remote. The author welcomes from
readers of this article any suggestions which may add to the fund of information
compiled to this time upon this important subject.

Revamping The Hardy Border
(Continued from page 126)

land, Chrysanthemum arctium and
Centaurea plumiflora, which is our old friend the blue-flowered
Plumbago. Of course annuals may be freely used among the perennials if space
is left for them. Those having a long flowering period are the most valu-
able. Of these are Snapdragons, Cape
daisies, Marguerites, Salpiglossis, Pe-
tunias, Verbena, ten-week Stocks
and Zinnias. In making use of Tu-
tips and Daffodils in the hardy bor-
der I prefer to plant them rather to-
wards the back where the oncoming
fading of the perennials will later hide their untidy going off.

A well made border, one that has
been deeply dug and well enriched,
will support a heavy burden of plants.
We need not hesitate to plant closely
in order to secure an immediate effect.
FLOWER SEEDS

A gardener is appraised by the quality of its blooms. Among the many insectivorous and helpful features of our catalogue, there is none that will please a gardener more than the selection of annual varieties, all of which are grown in a climate that will be successful in cultivating flower seeds, as on page 82.

Whether you are a new-comer to gardening or an old-timer, you can obtain, at reasonable prices, those flowers which are most or all of the flowers in the garden, other flowers that are not in the list, by simply matching the description with the flowers you wish to grow. When ordering, please give the name of the variety and the number of packets desired. The following descriptions are eliminated by the use of Henderson's Tested Seeds:

Henderson's Selected Strain of Perennial Delphiniums—Double Flowering. Generally improved varieties, easy of culture, grandly harmonizing in their modern treatments. Of indubitable worth. Descriptions are given. The plants are healthy, ideal for indoor devotion, perfectly hardy. Can be seen in the open ground from May to September. Each plant blooms in a mass—Admiral Cordellion, brilliant blue, mottled rose; Anna Perry, soft pure blue, white eye; Joe Urban, bright blue, white eye; Captain Lomax, rich blue, white eye. Packets 10-cents each. Min. order 50 packets. 100 packets 50-cents. 150 packets $1.00. See color plates facing page 54 in catalogue.

Anemone, Crimson Rider, long-cultivated hybrid. Beautiful as a border, vivid as the gorgeous bird whose name it bears. Velvety, size that leaves nothing to be desired. Named varieties, 25c a packet; 100 packets $10.00. Seed for the first time 10-cents a packet, three packets 30-cents. Seed for the second time, 10-cents a packet, three packets 30-cents. Seed for the third time, 10-cents a packet, two packets 18-cents. Price, packet 25-cents, five packets $1.00.

Henderson's New Early Califlower—Blew King. Strain in any garden. Highly from any other variety. Rarely when grown early in the spring. Strain No. 1, bright yellow. Strain No. 2, two-colored. Strain No. 3, double blossom, crimson or double blossom, scarlet. Strain No. 4, double blossom, crimson or double blossom, scarlet. Strain No. 5, double blossom, crimson or double blossom, scarlet. Strain No. 6, double blossom, crimson or double blossom, scarlet. Price, packet 5-cents, five packets 25-cents.

Bush Larkspur Beams. Nothing delightful. This Dwarf or Bush form does not need support and continues in bearing for weeks. About one-half to one-half of May and New York Commonness bearing in fine twines in fifteen weeks. The Improved Henderson, Yields continuously from early spring to frost and is suitable for the northern sections. North and south, 50 seeds each, for Henderson, 10-seeds. The price of seed for the second time, 10-cents a packet, three packets 30-cents. Price, packet 25-cents, five packets $1.00.

Henderson's Riviera Bronzii. Introduced by us in 1939, this improved type is a vegetable eye excellence, eminent and tender. Combining the narrow flower of cornflower with the delectable succulence of annuals. From the First Riviera strain we have developed Henderson's Riviera. Unquestionably the best for our climate. Its healthy and stately qualities place it among the best of all varieties and is a splendid addition to the border or window box. It is of surpassing beauty in every garden. Price, packet 25-cents, half score $1.25.


Varieties Lathyrus, from our own fields. No quantity too small. A packet 5-cents, three packets 15-cents. Numerous varieties are chosen in our catalogue: The Home Garden collection, for $2.50, for an area 25' x 50'. The Henderson Garden Collection, for $5.00, for a 50' x 75' garden, plan and sheet of instructions included. 54 varieties. The Country Gardener Collection, $7.50, for a grand area, 75' x 75', 86 varieties, will furnish a continuous supply of fresh vegetables all the year round as well as provide arm for winter storage. Complete instructions.

298 MEDALS, CUPS, AND DIPLOMAS AWARDED TO HENDERSON SEEDS

VEGETABLE SEEDS

WHETHER you are a new-comer to gardening or a practiced connoisseur, Peter Henderson & Co. brings to your aid dependable standards of selection and quality built up over a period of eighty-four years. This great Metropolitan department store of gardening, where every garden need is satisfied, offers you a quality of service that can be rendered only through such experience and knowledge as that which has been built the House of Henderson.

The seed used in planting a garden is relatively the least expensive item, although on its quality every other expense is predicated—whether of effort, time, or hope. The House of Henderson very early described its seeds as "tested seeds". The founder originated most of the methods used in seed testing, many of which are the standards today.

Many of the offerings of Peter Henderson & Co. are originations of the house and the original strains of the varieties are controlled by this Company.

If you would insure your garden being of high quality as your home, let the House of Henderson serve you. Every transaction is the best expression of Henderson quality. Peter Henderson tested seeds can be procured only from Peter Henderson & Co.

The offerings alongside are but a glimpse into the vista of charm and beauty and flavor we wish for your garden. Our catalogue is the printed show window of our wares. In its pages we present descriptions carefully written and illustrations from actual photographs.

Cultural directions are given wherever practical and, in addition, we offer pamphlets containing comprehensive cultural studies of many flowers and vegetable groups offered in our catalogue.

If you are not already in receipt of the 1931 catalogue "Everything for the Garden", accept this invitation of the third generation of Hendersons to join our family of satisfied garden friends.

PETER HENDERSON & CO.

35 Cortlandt St.
New York City, N.Y.

VEGETABLE SEEDS

Henderson's new red "Beefsteak" tomato, offered for the first time. After seven years of test, this superb new product produces the perfect red tomato with a round shining red skin, beautiful at a glance. Price, packet 25-cents, five packets $1.00.


Bush Larkspur Beams. Nothing delightful. This Dwarf or Bush form does not need support and continues in bearing for weeks. About one-half to one-half of May and New York Commonness bearing in fine twines in fifteen weeks. The Improved Henderson, Yields continuously from early spring to frost and is suitable for the northern sections. North and south, 50 seeds each, for Henderson, 10-seeds. The price of seed for the second time, 10-cents a packet, three packets 30-cents. Price, packet 25-cents, five packets $1.00.

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298 MEDALS, CUPS, AND DIPLOMAS AWARDED TO HENDERSON SEEDS

298 MEDALS, CUPS, AND DIPLOMAS AWARDED TO HENDERSON SEEDS

C. O. D. IF YOU WISH—BY PARCEL POST OR EXPRESS

Our catalogue-book that is a complete manual of "Everything for the Garden", will be sent without charge only to those who, in response to this advertisement, mention House & Garden.

PETER HENDERSON & CO., 35 Cortlandt Street, New York:

Please send me without charge your catalogue "Everything for the Garden", as offered in House & Garden.
EVER since John bought that Anchor Fence, my mind has been at ease. My children's safety used to cause me a great deal of worry. Why, every time I read of an accident, or heard of a car shriek to a sudden stop, I shuddered to think of . . . .

Oh well, I finally persuaded John to call the local Anchor Fence man. He came around immediately, measured the property, gave us a price, and in a short while the fence was erected.

Anchor Post Fence Company
Eastern Avenue and Kane Street, Baltimore, Md.
Albany Boston Buffalo Charleston Chicago Cleveland Detroit Cincinnati Hartford Houston Indianapolis Los Angeles Milwaukee New York New York Philadelphia Pittsburgh San Francisco St. Louis Shreveport

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Time To Order Evergreens, Shrubs and Trees

Personalities, pride in home surroundings, and your taste and expression in the trees and shrubs set about your house and on the grounds. Let us help you attain your desires. Here are 150 acres of planting material in the “pink of condition.” We call particular attention to our Lawson Cypress and Hybrid Rhododendrons.

Write us what you propose to do. We will advise you promptly. Our prices are reasonable. We dig, wrap and ship carefully, delivering all orders in first-class condition, ready to plant. Every variety is labeled, guaranteed true to name, with strong root systems and well balanced top growths. You’ll be delighted. Write for our informative literature today.

BAGATILLE NURSERY
Box 207-G
Half Hollow Hills
Huntington Station, Long Island, N. Y.

At left: Hybrid Rhododendron Ball for Shipping
Above: Lawson Cypress
Balled for Shipping

Beautiful Lawns at Less Expense

THE Coldwell Dependable Power Lawn Mowers and Rollers produce finest results at surprisingly small expense. You will want to investigate the new 1931 models. Spring rolling should be started as soon as the frost leaves the ground. Time to investigate the Coldwell. Available in several sizes—moderately priced.

Full details on request

COLDWELL LAWN MOWER COMPANY, NEWBURGH, N. Y., U. S. A.
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Manufacures of Dependable Lawn Mowers
HANS, HORSE, GASOLINE, ELECTRIC

FOR LUXURIOUS SHADE

Plant the Beautiful—Hardy—Fast Growing

CHINESE ELM
(North China Strain)

Plant this Spring and enjoy abundant shade in a few short years.

The 4 year old tree illustrated was 5 feet high when planted. Now it measures 20 feet in height with 18 foot spread—a real shade tree.

The Chinese Elm is the fastest growing tree we know. It thrives anywhere, in any kind of climate, from Arizona to Saskatchewan. One of the first trees to leaf out in Spring and the last to shed in Fall. A tree of rare beauty and symmetry, resistant to drought and cold, and growing in poor soil. It is ideal for planting on new developments, subdivision streets, in parks, for windbreaks, screens and as individual lawn shade trees.

Write for Free Catalogue

Our new Catalogue, beautifully illustrated in full color, describes the Chinese Elm, and a complete line of Evergreens, Shrubs, Perennials, Trees and Plants of every variety for large or small planting.

An expert Landscape Department is at your service. Write for the free Catalogue today.

Glen Brothers, Inc.
1763 Main Street, Rochester, N. Y.

"We furnish the frame—outdoors"
Only the "Master," Stradivari, could build a Stradivarius Violin. His craftsmanship is inimitable. His craftsmanship is inimitable.

The same type of ingenuity has been the "Master," Stradivari, Only the "Master," Stradivari, could build a Stradivarius Violin. His craftsmanship is inimitable.

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In Fence It's Cyclone

In everything there is One outstanding craftsman in Fence It's Cyclone

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Seventeenth Century Charm . . .
Twentieth Century Protection . . .

French Provincial
Woven Wood Fence

Imported from Southern France and bearing the storied beauty of historic chateaux . . . this sturdy "rustique" enclosure imparts quaint old-world charm to the modern residence.

Combining Continental grace with American efficiency, it effectively screens the home from annoying highway lights and disturbances, protects the grounds and acts as an ever watchful guardian of privacy.

Constructed entirely of live chestnut saplings bound firmly together with copperweld rustproof wire, it staunchly resists the attacks of time and weather.

French Provincial Fence comes in five-foot sections 6'6", 4'11", 5'10", 5', ready to erect. An illustrated booklet is completely descriptive—write for it today.

ROBERT C. REEVES COMPANY
Established 1860
101 Park Avenue, New York, N. Y.
The Jacobsen Roller Mower
It Cuts-It Smoothes

The Jacobsen "Estate" power mower does two things at once. It cuts. It rolls. It is a "turf-builder," a lawn conditioner. Its large traction rollers do not pack or scar the lawn. Its many refinements give it preference on the world's finest estates. Mower is built in two sizes—24" and 30".

a Jacobsen-bred
Aristocrat of the Lawn

A true replica of the famous Jacobsen Putting Green Mower. Typical Jacobsen features include auto-type differential; high speed reel for finer cutting; separate clutches for reel and traction unit controlled from steering handle. Jacobsen-built motor with a world of dependable power.

FREE Demonstration
Take nothing for granted. Let us show you on your own lawn without cost or obligation. You name the date. We demonstrate the "volley" cut of the Jacobsen. There is a Jacobsen for every type of lawn—for cutting one to fifteen acres per day. Sales and service everywhere. Write today.

JACOBSEN MFG. CO.
743 Washington Ave., Racine, Wis.

Clip and Mail This Coupon

House & Garden's Bookshelf


"WHEREVER" hangs a drapery, there hangs a tale. But it is not even necessary to unravel one eves enough about the mute thing to examine into its past, into the reasons why it is of that particular weave, color and design.

With such a beginning one can easily guess that this book is filled with delightful as well as instructive matter. And it is. Alluringly easy to read, it tempts you on and on until you find yourself plunging up against the "Index" without realizing the book has come to an end. Men, women, and things are so interwoven in its text that it is hard to detach the human element from the thing. Such facility is only possible to one thoroughly at home with design—that fascinating "Open Sesame" to all the industrial arts.

The book takes you pretty much into (Continued on page 146)
How to Prevent Mistakes—Especially with Rock Gardens—

MISTAKES in where you plant, when planted, and how planted. Any one of the three may delay your results a year, with hardy plants or rock plants. Or even mean a complete failure. So that’s why the New Wayside Gardens Catalog of Hardy and Rock Plants tells exactly how to secure success with each plant. Each one has its own when, where and how directions. No other catalog published in this country goes into such details.

Likewise from nowhere else can you secure such two year old, strictly field grown plants, having as sturdy constitutions or as abundant root growth. Quality plants in every way. Satisfaction unreservedly assured. Any dissatisfaction we promptly make good without haggling or discussions. Send for catalog. This spring make sure of buying right and planting right.

Wayside Gardens
MENTOR, OHIO

Most Sensational Lilac Offer Ever Made

12 VARIETIES of BRAND’S OWN-ROOT

Direct From the World’s Greatest Lilac Collections

This unusual introductory offer includes 12 of BRAND’S beautiful varieties...all colors, all named, all different! Regular price $12. Special to those who order NOW (1 collection to a customer)...

BRAND’S special Lilac offer is the choice of 100,000 named French Lilies...over 100 varieties...all grown on their own roots. None of BRAND’S Lilies are budded or grafted on privet or common lilac roots. “Own-Root Lilies” is a Brand specialty.

BRAND’S beautiful PEONIES

Peonies dug in the fall and carried through the winter in BRAND’S cold storage will thrive and flourish when planted in the spring. Over 60,000 roots from which to select your favorite varieties.

FREE illustrated catalog in COLORS...BRAND’S Peonies, Lilies, and other beautiful perennials. Write for your copy TODAY.

BRAND PEONY FARMS, Inc.
135 E. Division St.
Faribault, Minn.
NEW POWER, NEW SPEED
plus OLD RELIABILITY

FOR SMOOTHER,
HEALTHIER LAWNS
—AND UNBEATABLE
EASE OF HANDLING

Surplus power and convenient controls provide extreme flexibility in the new Ideal Power Mowers. They can be slowed down to a snail’s pace for easy turning—instantly accelerated to a fast walking speed for open cutting. Mechanical features include: automatically operated valves . . . automobile type valve tappet mechanism . . . Timken bearing crankshaft . . . foolproof lubrication . . . effective cooling system. There is no finer mower motor.

Two sizes of wheel type: 20, 25-inch cut . . . Two sizes of roller type: 22, 30-inch cut . . . they have the weight for effective cooling system. There is no finer mower motor.

For larger, foliaged grounds, the agile Triplex is unbeatable. Almost human—
it dodges all obstructions—yet cuts as many as 35 acres in one day. Simple to operate. Ask about the Triplex.

IDEAL POWER LAWN MOWER COMPANY
403 Kalamazoo St., Lansing, Mich.
FACTORY BRANCHES
415 W. Chicago Ave., Chicago, Ill.
237 Lafayette St., New York City
275 Boyston St., Boston, Mass.
161 Vester St., Ferndale (Detroit) Mich.
Dealers in all principal cities

Garden Company To Keep
(Continued from page 39)

PIVOLS
Selected by T. A. Weston
Jericij Gem—violet blue.
Jester Belle—true mauve.
Jester Jewel—pale violet with large power.
White Jersey Gem—pure white.
Apricot Queen.
In the way of a sweet-scented true Violet for early spring and late fall blooming is the pure rose pink Rosina. It is as hardy as the native Violets.

WATER LILIES
Selected by J. D. Einle
Harmony—soft rose pink.
Maritima alboflva—bright white.
Maritima rosea—soft rose pink.
Oxonia Roseae—deep cerise pink, fragrant.
James Bryan—violet with silver sheen on reverse of petals.
Vendador—light blue with yellow center.
Mrs. Edw. Whittaker—large flower, sky blue.
Mrs. George H. Pring—snow white with young leaves blocheted brown.
Frank Trelease—dark crimson.
Kava Rosa—large rose red.

AMERICAN WILD FLOWERS
Selected by Herbert Durand
Aquilegia—mixed.
Astilbe—orange to red and crimson.
Asparagus—Phrinnoides, white, and Spectabile, large violet-purple.
Eupatorium coelestinum—in lavender blue.
Helianthus bipinnatus—yellow. Selected plants are best.
Lilium candidum and Superbum.
Tobioa cardinalis.
Pentstemon—blue, with rosy throat, and Secundiflora, deep blue.
Polemonium caeruleum or richardsi—bright blue.
Silene regia—cardinal red. Raise from seed.

House & Garden's Bookshelf
(Continued from page 138)

all countries and all centuries, in pursuance of its subject of textiles—woven, painted, printed, and stenciled. Silk, cotton, linen, wool, and rayon are all considered, not alone for their design and weave but for their suitability as hangings and upholstery, and much practical instruction is conveyed.


The Chapter on “Spain, Peru, Cloth of Gold” is as fascinating as a scented romance. The 65 illustrations are mostly old friends but, like any kind of illustration of Rembrandt’s Night Watch, the 16th Century Persian brocade of the colored frontispiece gives never-failing delight.

But we do wish the book had not made Alexander the Great a Roman Emperor, and taken Charles V to the Field of the Cloth of Gold. He should have gone of course, but he did not. We are sure, very sure that Helen of Carcass known better, but whom shall we blame?

G. G.
The greatest boon to plant life ever discovered is a product of our research department.

Three years of experimentation by Mr. Wilson and his associates has developed our "Seal Kraft" process by which Roses may be kept perfectly healthy for weeks under the most unfavorable conditions. This gives absolute assurance that every "Seal Kraft" Rose will arrive as fresh as if just dug from your garden and will start to grow immediately after planting.

Ask for "Seal Kraft" Roses. Every "Seal Kraft" Rose is GUARANTEED to be a good, strong, 2 year old, field grown, budded plant, true to name. Any found not to be so or any plant failing to live will be replaced FREE or money refunded.

12 Strong, healthy "Seal Kraft" Roses $5.88
Add 25 cents for packing and postage.

VARIETIES AS FOLLOWS:
Los Angeles, coral-pink; White Knock-out, J. L. Mock, rose-white; Mrs. A. Ward, Indian-yellow; Fanali (Duchek), carmine-pink; Columbia, deep pink; Groom in Teplitz, dark scarlet; Suire, de C. Frutt, yellow; Edith de France, velvety red; Radish, pink; Sunburst, cadmium yellow; Mme. Butterfly, salmon-pink.

Send for our complete list of varieties and prices.

WILSON'S TREE FARMS, Inc. 3 Allen Place
Manchester, Conn.

The Gladiolus is one of the most satisfactory flowers grown and there is no reason why every family cannot enjoy this beautiful flower—it is of easy culture.

They bloom from July to frost if you plant a few bulbs each month from April to July.

For Two Dollars we will send 50 Bulbs from April to July.

For those desiring Gladiolus in separate varieties, the colors may be studied. We offer a selection of 10 each of 30 varieties separately labeled for $5.00.

Order Your Bulbs Now so as to have them to plant when you begin your garden.

Mail your order with Check, Money Order, Cash or Stamps, mentioning this advertisement, or call at any of our Stores, and secure either one, or both, of these splendid collections, sent prepaid to your home anywhere in the United States.

Our 1931 Spring Seed Annual sent on request.

Guaranteed True to Name
Sure to Grow

The beauty of Stewart Wrought Iron and Chain Link Wire Fences is permanent. For 45 years Stewart has been fencing the country's finest houses and acres.

The structural quality of Stewart Fences is enduring. They last for ages.

Stewart also creates and manufactures Balcony, Porch and Step Railings, Grilles and other Ornamental Iron Work.

Write for catalog.
Unfenced Grounds are an invitation to trespass

Unfenced ground is looked upon as public property. People who would be insulted if accused of theft do not hesitate to help themselves to fruit and flowers and shrubs in unfenced yards and gardens. A PAGE Fence will protect both your privacy and your property. That and the extreme durability of the fence itself make it a wise investment.

PAGE Engineers with a half-century of research behind them have reduced fencing to a science—a fine art. PAGE Fence now comes in four different metals to resist different atmospheric conditions.

1. PAGE ALCOA ALUMINUM
2. PAGE ARMCO INGOT IRON
3. PAGE COPPER-BEARING STEEL
4. PAGE ORNAMENTAL WROUGHT IRON

76 Service Plants erect PAGE Fence everywhere. Write for name and address of Plant in your locality. They will gladly consult with you and offer suggestions from plans to final erection. No obligation whatever. Complete descriptive literature on request. Address PAGE Fence Association, 520 North Michigan Avenue, Dept. D13, Chicago, Illinois.

The Return Of The Wrought Iron Silhouette

(Continued from page 120)

the living room of the drowsy ranch or, in his play room, feeds the imagination of a small boy.

Clipper ships and rakish buccaneers ride on iron waves across mica lamp shades. An extremely attractive treatment for the rough, bare walls of a sun porch or the exterior walls of a pent house takes the form of a climbing, gracefully interlaced vine with supports for small flower pots projecting from it at intervals. Wild animals can peer at you from a vast jungle, or monkeys scamper gaily across a palm-fringed shore on the walls of your collar game room. Weathervanes and sign posts are in all sorts of fascinating and imaginative designs. quaint figures decorate all types of lanterns, old-fashioned and new. Incidentally, when the silhouette is intended for an outdoor setting, painted brass is preferred, for its rustproof qualities, to iron. The possibilities for the use of the iron silhouette are almost endless and the variety of design is limited only by the imagination.

Not only are modern silhouettes executed to portray the fads and hobbies of their owners, but ancient signs from England and the Colonies, from far-off peasant districts of Sweden, Switzerland and more remote corners of the world, are being collected to be used in the modern setting. Several quaint silhouettes of this type, some of them circular in shape, attracted much interest when shown as wall plaques at an exhibition of the Women Decorator's Club.

The use of iron pictures as an adornment of the fire-screen can be traced directly from the present day back to the 12th Century when the first edicts were passed ordering people to protect their fireplaces with metal. The earliest decorations were Scriptural scenes, heraldic devices and the intertwined initials of great houses and famous lovers. Such Biblical subjects as the sacrifice of Isaac by Abraham were favorites because the flames became a part of the picture. A modern version of this sort of thing is found in a fire-screen with a Western sunset scene by Thomas Wood for which the glow of dying embers makes an appropriate background.

The present revived interest in the more pictorial and original uses of hand-wrought iron is merely a return to a helicite and interesting art which lends itself to many charming uses in the hands of the artist craftsman.

An overmantel decoration for a man's room uses as its motif a duck-hunter with his dog and the two birds he has raised. This design by the Florentine Craftsmen recently created by the Florentine Craftsmen, might be used in a summer living room in place of the more familiar framed Godey print.
Weedless Lawns, Glorious Gardens

Plants, lawns, vegetables, shrubs, trees, thrive in ground dressed with this 100% pure, safe, effective fertilizing agent, guaranteed free from weed seeds—

Sheep's Head Brand Pulverized Sheep Manure

NATURE'S basic soil dressing. 100% pure manure, made neatly merchantable by our process of handling. A complete plant food which contains naturally, all the vital elements necessary to produce virile plant life, including nitrogen, phosphoric acid, potash and—Hurray! Sterilized of weed seeds.

Packed in neat containers (2, 5, 10, 25, 50, 100 pounds) for convenient distribution to home owners, golf clubs, florists, gardeners—anyone who grows things in the soil.

If your dealer does not handle Sheep's Head Brand Pulverized Sheep Manure, write us direct. Quantity prices on application. Ask for free leaflet, "How to Make Beautiful Lawns and Gardens."

NATURAL GUANO CO.
810 So. River St.
Aurora, Ill.

Rose Guide Free

This complete book on rose culture will be sent free on request. It gives our experience of 80 years in developing the famous Dingee Roses. The book is beautifully illustrated, showing every desirable rose for the home garden and listing 500 beautiful roses and other flowers. The new low prices will interest you. The book is sent free on request.

THE DINGEE & CONARD CO.
BOX 272, WEST GROVE, PA.

CAREFULLY DESCRIBED

Dahlias and Gladiolus

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DUBOIS—older 11/2 years
The Garden Scrap Book

ROCK PHOSPHATE. Phosphoric acid is one of the essentials in a well balanced diet for plants, yet tests in several parts of the East, especially, have shown that very often the garden soil is noticeably deficient in it. In such cases the benefits of adding the chemical in proper form have been marked and gratifyingly lasting. In fact, some of the best results have been with perennials and other permanent plantings, rather than with short-time crops.

One of the best ways of adding available phosphoric acid is the use of what is known in the garden supply stores as acid or rock phosphate. It costs about $2 a hundred pounds. An area 100' x 100' can well be given 200 pounds.

The method of applying rock phosphate is simple. It is simply scattered on the surface and dug in, as would be done with any other fertilizer, mixing it thoroughly with the soil, of course, is important for best results.

SPRING PLANTING. It is a well established fact that the sowing of practically all kinds of woody plant material—trees and shrubs, evergreen and deciduous—is properly done just about as successful as is sowing in the fall. In almost every instance, though, it should be done before active top growth starts and must be followed by an abundant supply of water throughout the first growing season or some other suitable nutrient that is in quickly available form.

Before setting the stock in place, soak the roots with water and let the filling-in soil be damp but not soggy. Work it in well around the roots so as to exclude all air spaces, and tamp down firmly. It will help conserve the soil moisture if the top two or three inches are left untamped. Better still, lay a good mulch of litter, leaves or other light material over the whole surface of the finished planting.

A NEW GADGET. One of the simplest but most useful garden devices that we have seen has been put out recently by a New England concern. They call it a leaf scrounger, which is descriptive if not alluring. This valuable gadget is neither

When Mistress Spring Bids Your Garden Awake

Each day brings fresh delights and surprises. You look eagerly for plants that are new, watch them as the days go on, and put them down as garden treasures. A score or more of such plants presented by Bristol Nurseries have become standard today. This year we invite your attention to others equally good.

In the group are four new Garden Pinks. Bristol Jewel (white), Bristol Maid (rose pink), Bristol Purity (pure white), Lady Betty (pink and lavender). Swelling No. 6, No. 9, and No. 10. The last-named variety from our gardens (extra large pink flowers all summer).

BRISTOL'S NEW CATALOGUE, a new and intriguing edition, presents many more new and desirable plants. This distinctive catalogue should be in your possession. We shall be glad to mail a copy on request.

BRISTOL NURSERIES, Inc., Box H, Bristol, Conn.

HILL'S EVERGREENS

PICTURE in your mind the beauty that comes to your home when Hill's Evergreens are a part of the planting scheme. The stately Juniper vies with attention with the graceful Arborvitae; the dwarf-like Mugho Pine adds picture in your mind the beauty that comes to your home when Hill's Evergreens are a part of the planting scheme. The stately Juniper vies with attention with the graceful Arborvitae; the dwarf-like Mugho Pine adds

Flowers need food as well as sunshine

BEAUTIFUL and luxuriant plants need to be well fed—only then do they bear a profusion of lovely flowers. Just like humans, they need a balanced, clean and complete food—Bloom Aid. Bloom Aid comes in tablets, in granulated form for use out-of-doors. We shall be glad to tell you where it may be procured in your vicinity. Write for our free booklet, "How to Grow House Plants," Lawn and Garden Department, Virginia-Carolina Chemical Corp., P.O. Box 1136, Richmond, Va.

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Dundee, Ill.
The Garden

more nor less than a piece of heavy canvas about 6' square, to each corner of which is firmly attached a light but adequately enduring piece of rope.

Having acquired the device you take it with you the next time you go out to clean up the lawn, overhaul the border, prune the shrubs or rake leaves. Spreading it out flat beside the waste stuff on it as it accumulates, dragging the canvas from place to place as occasion requires until its load is sufficient for you to lay hold upon the four ropes, pull the corners together and, singling the bundle over your shoulders (or the hired man's), lug it away to some suitable disposal spot.

Obviously, this is simpler, easier and productive of a nearer job than the conventional wheelbarrow can boast. Also, it will not make wheel marks on the lawn or cut deeply into the soil of the more carefully cultivated garden. In other words, the leaf scavenger is one of those handy helps to conscientious gardeners which ought to have been invented ages ago.

If you are desirous of obtaining one of these new devices, write to our Readers' Information Service and we'll be glad to send you the name and address of the manufacturer.

COLDFRAME MANAGEMENT. The handler of a spring coldframe or hoished should be constantly on the watch for a number of things, and really ought to be something of a weather prophet. With atmospheric and temperature conditions changing as radically as they generally do during March and April it requires considerable attention to keep the seedlings under glass from suffering from too much heat or cold, too much or not enough.

Especially to be guarded against are the uncontrolled ardor of midday sun and the evenly inconsiderate drop in temperature which often follows the advent of darkness. A clear March sun beating down on a coldframe sheltered from the wind will raise its inside temperature to an astonishing degree unless the sashes are raised enough to let the hot air escape. No good comes of letting a coldframe's temperature go above 80°, and 75° is a safer maximum if you don't want the young plants to be dulled forever.

But the sashes must be closed again before sunset, especially if the night promises to be chilly. You know how much more discomfort would be caused by a temperature drop of 40° or 50° in a few hours; how much greater would be the shock to anything as delicate as a seedling plant!

So try to keep the night temperature in a coldframe up, and its day temperature down. Of the two, the former is the more difficult, and may

The Scrap Book

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All 4 items for $1.00, postpaid (1) One Everblooming "Star Rose" — Souvenir de Georges Pernet H. T. Deep carnation pink. $1 size.

(2) One Everblooming "Star Rose" — Rev. F. Page Roberts H. T. Perfect, deep yellow blooms. $1 size.

(3) "Success with Roses"— 32 pages, illustrated. Makes rose-growing easy and successful. Tells how to plant, care for, and get most blooms from your roses. Regular price $2.


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and fascinating interest of a Water Lily Pool.
Even small gardens have room for at least a
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Ready made pool, 4 ft. long by 7 ft.
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Snails, Rainbow Snails. make a claim
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garden materials with old-fashioned
conservative ideals of doing busi-
ness—ideals that build and hold
customer satisfaction and good will.

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solidation, as recently announced,
of two long-established and well-
known firms—The Bay State Nurseries,
North Abington, Mass., and
Wyman’s Framingham Nurseries,
Framingham, Mass,—under the
name, Bay State Nurseries, In-
corporated.

Our Handbook for Spring, 1931
is now ready for distribution. It
lists, describes and illustrates our
unusual stock of plants. It will be
sent free east of the Mississippi and
north of the Potomac (the territory
we can best serve)—elsewhere
upon receipt of fifty cents. May we
send you a copy?

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The Garden
even call for the laying of mats or
old carpet over the scaffles on especially
sharp evenings.

Peach Locations. Es-
tially toward the northern parts of
their range, Peaches and Apricots are
most satisfactory when planted in lo-
cations which are away from the “late”—in other words, where the
exposure is such that the beginning of
spring growth is retarded. The worst
place for these trees are a southward
protected slope, or a valley
shut off from cold winds.

The reason for this situation is per-
fected simple. Both Peaches and Apric-
shorts blossom early, before their leaves
come out. If they are planted in a
place where this early tendency is stim-
ulated, there is more danger that the
blossoms will develop enough to be
injured by a subsequent frost, and the
crop for that year lost.

A “late” location, on the other
hand, is no more subject to a related
freezing than is an “early” one. Nat-
urally, the blossoms of trees growing in
such a spot are less developed at
the time a cold snap comes, and con-
sequently there are much more likely to
survive it with little or no damage.

Essential Garden Tools.
A carpenter is known by his
chips, they say, and so is a gardener
by his tools—by the quality of his
soil. If it is in good rith—frail, rich and well cultivated—you can be
pretty sure that the person who takes
care of it has the proper tools, keeps
them in good condition and uses them
conscientiously.

The list of tools essential to the
making and maintenance of a first-
class moderate sized garden is
lengthy and apparently expensive.
First of all we would specify a spade
—a well-made, standardized one that
will do a real job of digging.
Secondly, the implements known in the
trade as a spading fork—a broad-
tined affair that is invaluable for dig-
ning in melches, turning over culti-
vated soil, and so forth. Third and
fourth, a standard steel rake and a
first-class trowel. Fifth, a big, substantial,
be-mans watering can fitted with a
fine rose. Sixth, a long-handled
weeder. And to round out a well bal-
ned list, prunng shears, grass clippers,
garden line, compressed air
sprayer and a narrow steel rake which
will enable you to work close around
plants without bending over.

A vegetable garden, of course, a
workbench with full set of attachments
is an absolute, fundamental neces-
sity, it saves much time and energy,
and does a perfect job of cultivating and
weeding in many other ways. It can
well be supplemented with an old-
-fashioned hoe of the common or gar-
den variety, a tool which, despite all
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The Garden Scrap Book

And having acquired first-class garden tools of the right kinds, keep them clean, keep them sharp, and don't lend them to the next-door neighbor.

For Labeling Plants. Plant labels for garden use are a puzzling problem—they always have been, and perhaps will always continue to be so. To be wholly satisfactory they must be durable, easily marked and attached, legible, not too conspicuous, and as inexpensive as possible, so that large numbers can be used without running up too sizable a bill. These are difficult requirements to meet, especially when you consider that the conditions of exposure are such as to put a severe test upon any kind of manufactured product.

One of the best types of plant label so far produced is made of celluloid, on which the designation of the plant is written, with a protective transparent cover which keeps the writing legible for years.

Another label, especially designed not long ago for rock garden use where durability and inconspicuousness are equally required, is particularly noteworthy. It is of green celluloid on which a steel stylus will write the name in white. The effect has been so strikingly weatherproof and long-lasting.

Most of the better-class garden supply stores carry both these labels in a variety of sizes. If you have difficulty in locating them, a letter to us will bring you the name of the manufacturer.

Some Nurseries. In urging every gardener to equip his home with a small but practical nursery we are thinking of one for plants, not for the young of the human species. In other words, we are not taking sides, one way or the other, on the question of companionate marriage.

The uses of a home garden nursery are numerous. Such a place is ideal for taking care of those odd plants of every conceivable sort which we all accumulate every year by gift, theft or chance purchase. Seeding or rooted cutting evergreens, young shrubs of any kind, Gladiolus bulbs, seedling Lilies, individual plants that need a change of air, perennial divisions too small to put in the regular border—the list is long indeed.

And the soil and other requirements of such an area are not difficult. Whether the space be ten feet square or ten hundred, let its soil be light, well drained, moderately rich in both plant food and human material, and open to the sun for at least half the day. The character of a good, productive vegetable garden is the thing to aim for in the nursery plot. As for the arrangement of the plant occupants, simply put them in rows spaced according to the requirements of the various kinds represented.

Garden Structures

Sheltered Garden Seats, Enclosed Tea Houses, Pergolas, decorative Lattice Fences and Gates, suitable for the small city garden or the large estate—these and other Hartmann-Sanders Garden Structures are certain to give satisfaction. Thirty years specializing in Outdoor Woodwork has developed a type of construction which will withstand the worst that weather can do. You may select from our Catalog, or we will design individual structures to suit your requirements.

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It describes the Burpee Quality Seeds, Bulbs, and Plants—an interesting book of 144 pages, full of helpful information to gardeners. It offers valuable suggestions on growing more beautiful flowers and improved vegetables. The leading varieties are illustrated, many of them in natural colors.

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BUILDING MATERIALS

Furniture

The Charm Of A Livable Home. Pieces of the Kittinger line are reproduced, and plans are given showing attractive arrangements of furniture. Kittinger Co., 1891 Elmwood Ave., Buffalo, N. Y.

Household Textiles

New Beauty In Linen Damask. Information is given on the preparation and use of linen damask. There is a ten cent mailing charge for all who wish to receive it. Scottish Linen Damask Guild, Inc., Dept. VJC, 260 W. Broadway, N. Y. C.

Soup Table. Photographs show settings in which Old French Linen has been used. A charge of ten cents is made for this book. The Old Vienna Linen Co., Ltd., E. 448 Fourth Ave., N. Y. C.

Kitchen Equipment

Tall Cooking. The Kildare Spray Toaster, Sandwich Grill, Waffle Baker and Cereal Separator are described, apparatus are given. Thomas A. Edison, Inc., Orange, N. J.


Silver


Beverages


GARDENING

Lawn Mowers


Coldwell Defensible Lawn Mowers. Mowers operated by hand, horse, gasoline and electric. Several types are illustrated. Coldwell Lawn Mower Co., New York, N. Y.

Seeds, Bulbs and Nursery Stock

Several catalogues. Numerous photographs in this catalog show individual groupings, and landscaping suggestions are offered. Bagatelle Nursery, Half Hollow Hills, Box 27, Huntington, L. I.

The Easy Way To Beautiful Planting. Illustrations of plantings are so simply drawn they will help in arranging groupings. The Banker Bros. Nursery Co., Box 21, Vauxville, Conn.


Roses. This is an indispensable directory for all who wish to plant gardens, or wish to grow, or to sell, or to grow, or to wish to sell, or to wish to sell. It contains numerous attractive color Illustrations, Business Names, Address, and Postage, N. J.

Spring 1931 Catalog. Four new Chrysanthemums that will brighten the garden in early autumn, are illustrated in color, with new personalities. Business Names, Box 8, Bristol, Conn.


Spring Catalog. This list offers three hundred varieties of Gladsmill, many attractively illustrated. Chapmans View Gardens, Box 1, Hamilton, Va.


Glenwood Nursery Catalog. Attention is drawn to the Chinese Elm. A complete line of other trees and plants is also shown. Glenwood, Inc., 1703 Main St., Rochester, N. Y.


"Everything For The Garden." Contains a wide selection of vegetable and flower seeds. Costs 10c, but 25c rate if addressed to the catalog. F. H. House & Garden is mentioned. Peter Eckstein & Co., 31 Chatham St., N. Y. C.


The Secret Of Beautiful Planting. Illustrations of plantings are so simply drawn they will help in arranging groupings. The Banker Bros. Nursery Co., Box 21, Vauxville, Conn.

F. M. McMillan St., Cincinnati, U. S. A.

Honeycomb. Booklet G shows houses and their floor plans. This company makes houses, plays gardens and creates. F. M. McMillan St., Cincinnati, U. S. A.

Portable Houses

The Secret Of Beautiful Planting. Illustrations of plantings are so simply drawn they will help in arranging groupings. The Banker Bros. Nursery Co., Box 21, Vauxville, Conn.

The Americas Brass Company, 1410 Highland St., Nicosho, Mo.

Hand-woven from wool braids. Fabrics. The Key To Successful Decoration.

Windows, Doors, Screens

Central Metal Windows. Types of Crystal casement windows are illustrated. Technical drawings explain the construction. Central Window Company, Detroit, Mich.

Screws That Meet The Test. A series of illustrations of test cases shows the durability of Anscohm head screws. The American Brass Company, Waterbury, Conn.

Higgins Screen Book. Information is given on where to use sliding, swinging or rolling screens. A Higgins agent will work with you on choosing screens. The Higgins Mfg. Co., 6021 Newport, Ky.

Miscellaneous

Now Is The Time To Take Advantage Of Rock-Bottom Costs In Building. The price of building will be of interest in this article from House & Garden. Mail free of charge. House & Garden, 440 Madison Ave., New York, N. Y.

HOUSE FURNISHINGS

Clocks

Exquisite To Successful Decoration. A book of help to those planning home decoration. F. Schrumpf & Co., E2, 60 W. 40th St., N. Y. C.

Drapery & Upholstery Fabrics


Floor Coverings

Whole Rugs. Attention is drawn to the Unit Rugs, hand-woven from wool braids. They are reversible, and with some pattern work, can be made into beautiful, White Carpet Co., Unit 26 Division, Oshkosh, Wis.

Rugs. Illustrations show interiors in which various patterns are planned for the floors. Rugs will be made from old clothing and old rags. Olson Rugs, Inc., Dept. W-54, 28 Lamon St., Chicago, Ill.

Floor Wax

The Secret Of Beautiful Floors. How Beauty wax can bring beauty to your floors. Put on by the florists ma­chines, wax can be applied to the floors. The Florlora Corp., H2-C, 880 Salem Ave., Yonk, Pa.

The House & Garden

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Trade Literature Reviews

Please be sure to sign your name and your address on the margin.
INTELLIGENCE . . .
on both ends
of the leash

He has brains, breeding, bravery, and the manners of an aristocrat. You’ve recognized all this by putting yourself on the other end of his leash. Therefore, people who see you together accord you a new respect—and quite a new friendliness.

He’s a merry little dog—alert for anything. He’s a game little dog—ready to fight his weight in woodchucks if they’d only oblige by appearing on Park Avenue. He’s so devoted he’d probably tackle a rhinoceros if one menaced your safety. Yet he never picks a silly quarrel with man or beast; it would be quite beneath him.

At home, he shows a broad streak of good old Welsh sentimentality. When you want to hug him, he’s always thought of it first. But he doesn’t intrude. And he’s never noisy.

In short, he’s a dog with common sense. You can teach him anything and his quick, active mind makes him an apt scholar. Though he’s white, with a shaggy coat, he is kept clean easily and his hair stays in place by frequent grooming with a “terrier” brush.

If you want to claim your Sealy now . . . he’s yours. But if you’d rather have a different breed, scan these pages. For House & Garden has investigated all the advertisers represented here, and recommends them to you. They are reliable breeders, who can represent all the advertisers, place by respondent proving utility, with a "terrier" brush.

For literature, send 10c (stamps or coin) and check coupon below. Address Weatherbest Stained Shingle Co., Inc., 870 Island St., North Tonawanda, N. Y.

THis home in Syracuse, with Weatherbest Green stained shingle roof over Weatherbest Colonial White shingle sidewalks saved money for the contractor, A. C. Roy, and the owner, Geo. W. Seams, because Weatherbest Stained Shingles were considered a standard building material.

Your architect, builder and lumber dealer can give you facts about Weatherbest Stained Shingles used as a standard building material for sidewalks as against the cost of other sidewalk materials. With nearly every architectural design, Weatherbest Stained Shingles will give you lower first cost. In addition, there is the economy of continued beauty without paint or repair.

The finest pigments and oils bring out the natural texture of hand-selected red cedar shingles; they will not rot or curl. There is nineteen years’ experience behind our Weatherbest policy: "Not to cheapen materials or process to meet price competition."

For literature, send 10c (stamps or coin) and check coupon below. Address Weatherbest Stained Shingle Co., Inc., 870 Island St., North Tonawanda, N. Y.

Before You Build
see your home in miniature

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